

sp | P15864 | H12_MOUSE

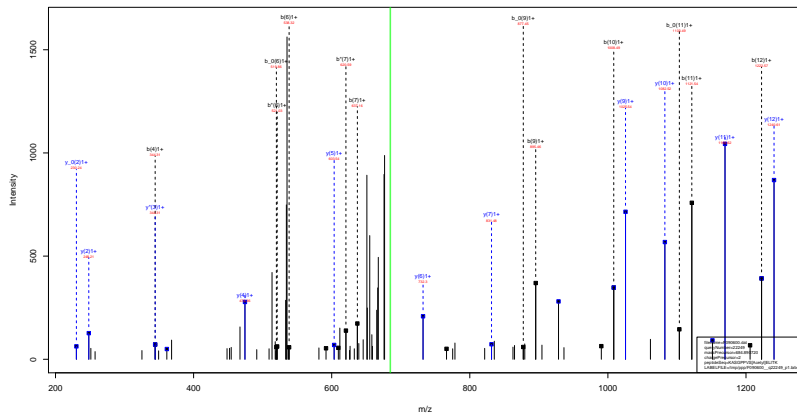
AS^{Acetyl} 42.01 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=73.84
- ▶ F090600.dat
- ▶ query=q18312_p1
- ▶ precursor=620.843560
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a+b	b	b'	b+c	c	c'	AA
A[1]	44.020	0.000	135.244	72.244	0.000	1.000	1241.611	1322.592	A[10]
S[2]	112.000	0.000	135.244	205.244	0.000	183.028	1139.611	1152.611	S[11]
G[3]	130.114	0.000	214.103	258.103	0.000	240.008	1040.398	1103.372	G[10]
T[4]	137.000	0.000	168.128	169.128	0.000	137.011	851.377	868.128	T[9]
F[5]	124.210	0.000	442.124	442.124	0.000	434.205	886.524	888.488	F[8]
V[6]	121.203	0.000	159.217	151.282	0.000	131.212	799.472	772.441	V[7]
S[7]	101.251	0.000	162.260	168.264	0.000	162.264	636.462	642.264	S[6]
L[8]	116.262	0.000	122.262	127.261	0.000	116.261	601.371	595.261	L[5]
L[9]	102.446	0.000	114.441	100.441	0.000	102.431	474.329	487.303	L[4]
D[10]	105.530	0.000	147.525	101.525	0.000	102.515	381.245	384.210	D[3]
I[11]	106.510	0.000	104.511	104.511	0.000	102.511	238.169	233.129	I[2]
R[12]	1104.012	1137.020	1175.042	1122.042	1109.041	1104.041	117.113	130.041	R[1]

sp | P15864 | H12_MOUSE

KASGPPVS Acetyl ELITK
42.01



sp | P15864 | H12_MOUSE

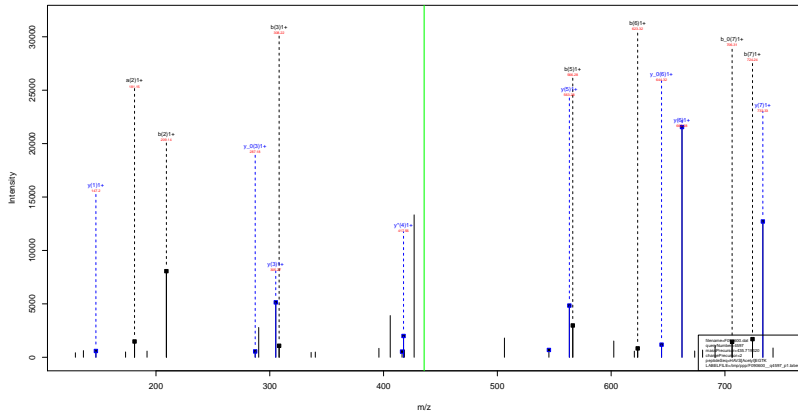
KASGPPVS^{Acetyl} ELITK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=81.97
- ▶ F090600.dat
- ▶ query=q22249_p1
- ▶ precursor=684.890720
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	x	x*	a,β	b	b*	b,β	y	y*	y,β	AA
K	101.100	144.050	0.000	130.000	112.000	0.000	1100.770	1181.920	1300.060	K
A	172.100	155.110	0.000	200.130	183.110	0.000	1240.670	1223.050	1222.660	A
S	209.110	240.100	241.000	211.110	270.100	200.100	1160.640	1120.010	1151.630	S
G	116.100	200.170	200.180	344.190	327.100	320.110	1082.600	1065.560	1064.500	G
P	113.100	100.200	100.200	114.200	100.200	100.200	1020.500	1008.560	1000.570	P
T	110.110	101.210	100.210	530.210	511.210	520.200	920.530	911.500	910.520	T
V	909.370	922.340	591.360	637.360	620.340	700.350	831.480	824.450	815.450	V
S	130.410	121.100	120.400	704.400	684.100	680.100	732.410	710.100	714.400	S
E	107.400	100.410	100.400	805.450	788.420	877.440	663.370	660.340	660.360	E
L	100.410	99.920	99.910	1000.530	984.900	960.520	474.290	469.260	469.300	L
K	100.400	100.100	100.100	1121.620	1104.100	1103.610	361.240	344.210	343.200	K
I	1104.010	1117.040	1116.000	1222.660	1205.640	1204.000	248.160	244.130	230.150	I
A	1120.100	1100.740	1104.700	1100.700	1100.700	1100.700	447.810	430.000	430.000	A

sp | P70696 | H2B1A_MOUSE

HAVS^{Acetyl} EGTK
42.01



sp | P70696 | H2B1A_MOUSE

HAVS^{Acetyl} EGTK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.15
- ▶ F090600.dat
- ▶ query=q4597.p1
- ▶ precursor=435.719320
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
H 1	110.074	0.000	0.000	136.099	0.000	0.000	417.438	353.466	354.941	H 9
A 2	181.108	0.000	0.000	209.103	0.000	0.000	733.373	715.348	715.362	A 7
V 3	288.177	0.000	0.000	308.172	0.000	0.000	662.336	645.309	644.325	V 6
S 4	409.219	0.000	391.209	437.214	0.000	430.204	563.267	546.241	545.257	S 5
E 5	538.262	0.000	520.251	566.257	0.000	548.246	439.225	417.198	416.214	E 4
G 6	659.303	0.000	577.277	623.278	0.000	605.269	305.182	288.155	287.171	G 3
T 7	896.331	0.000	845.321	724.326	0.000	706.315	348.160	231.134	230.150	T 2
K 8	924.426	897.400	808.418	852.421	825.394	834.410	147.113	130.088	0.000	K 10

sp | P27661 | H2AX_MOUSE

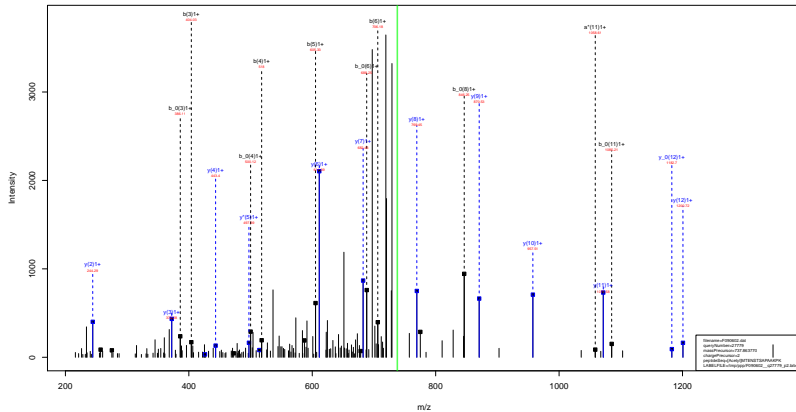
AS^{Acetyl} QASQEY
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.68
- ▶ F090600.dat
- ▶ query=q6420_p1
- ▶ precursor=463.198450
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:0	b	b*	b:0	y	y*	y:0	AA
A	44.046	0.000	0.000	72.044	0.000	0.000	925.101	906.953	907.319	A
S	77.006	0.000	129.001	201.001	0.000	183.016	904.193	937.209	936.362	S
Q	301.151	284.124	283.140	329.146	312.119	311.135	725.110	708.284	707.209	Q
A	372.188	355.161	354.177	400.183	383.156	382.172	597.251	580.225	579.241	A
S	450.220	442.193	441.209	487.215	470.188	469.204	526.214	509.188	508.204	S
Q	589.218	572.191	570.206	615.211	598.184	597.200	439.182	422.156	421.172	Q
E	716.221	699.204	698.219	744.216	727.209	726.205	311.124	0.000	293.113	E
V	879.284	862.258	861.274	907.279	890.253	889.269	182.081	0.000	0.000	V

sp | P10922 | H10_MOUSE

[Acetyl]MTENSTAPAAKPK



sp | P10922 | H10_MOUSE

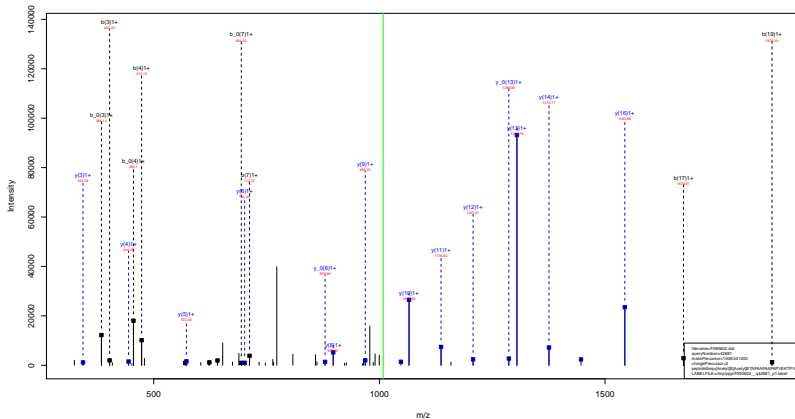
[Acetyl]MTENSTAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=59.60
- ▶ F090602.dat
- ▶ query=q27779_p2
- ▶ precursor=737.863770
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
M	145.05.3	0.000	0.000	174.020	0.000	0.000	1474.721	1457.694	1456.710	M
T	187.10.3	0.000	236.100	275.106	0.000	257.095	1305.620	1296.643	1300.609	T
E	176.15.4	0.000	355.141	404.140	0.000	386.135	1200.672	1183.695	1182.611	E
N	180.10.3	47.8.110	472.186	518.192	101.100	500.181	1071.570	1054.553	1053.568	N
S	119.0.0	600.000	160.723	605.224	100.100	587.213	951.536	946.530	949.500	S
I	578.276	151.230	600.200	706.271	109.200	688.261	870.504	853.470	852.494	I
S	163.10.0	100.000	197.200	315.313	175.200	297.293	760.457	752.430	753.446	S
A	176.10.1	124.112	110.120	104.044	167.124	640.320	682.422	100.300	100.000	A
P	133.10.0	115.112	975.200	101.100	164.100	953.200	611.300	194.301	0.000	P
A	104.4.0	687.400	886.4.0	1032.400	1035.404	1034.4.0	514.315	497.300	0.000	A
A	111.4.0	1036.446	1027.400	1103.400	1029.441	1085.457	643.290	426.271	0.000	A
K	120.10.0	1100.100	1100.000	1100.000	1114.100	1113.100	372.201	100.104	0.000	K
P	130.0.0	1203.100	1203.0.0	1203.0.0	1311.100	1310.0.0	244.100	227.100	0.000	P
K	143.11.5	1411.000	1410.100	1406.710	1408.000	1408.000	147.111	130.000	0.000	K

sp | P43277 | H13_MOUSE

[Acetyl]S_{42.01} ETAPAAPAAPAPVEKTPVK



sp | P43277 | H13_MOUSE

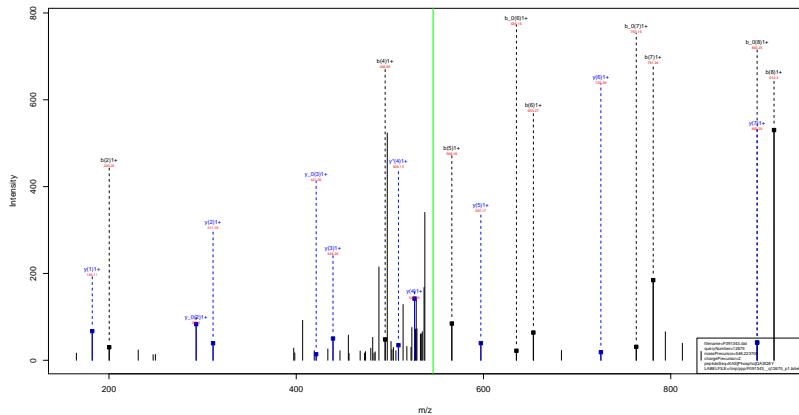
[Acetyl]S_{42.01} ETAPAAPAAPAPVEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=105.69
- ▶ F090602.dat
- ▶ query=q42681_p1
- ▶ precursor=1008.541200
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	r	s*	v ₀	AA
S ₁	144.069	0.000	149.069	112.069	0.000	144.069	20.00	0.000	144.069	S ₁
E ₂	274.108	0.000	255.068	368.108	0.000	353.052	1846.012	2827.985	1827.001	E ₂
T ₃	374.158	0.000	358.141	402.151	0.000	386.140	1710.990	2088.941	1987.908	T ₃
A ₄	445.191	0.000	427.182	472.188	0.000	455.177	1314.972	1597.895	1546.811	A ₄
P ₅	592.266	0.000	574.259	570.241	0.000	569.242	1541.824	1749.858	1726.814	P ₅
A ₆	613.289	0.000	588.272	641.278	0.000	623.267	1446.831	1629.805	1626.811	A ₆
A ₇	684.320	0.000	666.303	712.315	0.000	694.304	1375.794	1558.768	1507.759	A ₇
T ₈	783.370	0.000	765.360	808.368	0.000	807.367	1304.757	1527.745	1306.747	T ₈
A ₉	852.410	0.000	834.398	888.402	0.000	882.394	1207.705	1482.692	1480.684	A ₉
A ₁₀	921.441	0.000	902.429	953.442	0.000	943.430	1136.667	1419.641	1418.637	A ₁₀
P ₁₁	1020.502	0.000	1002.490	1048.495	0.000	1042.482	1045.636	1342.584	1047.628	P ₁₁
A ₁₂	1091.532	0.000	1071.520	1123.532	0.000	1113.522	965.578	1301.521	1299.507	A ₁₂
P ₁₃	1188.566	0.000	1168.554	1208.564	0.000	1198.554	897.540	1260.514	879.530	P ₁₃
V ₁₄	1287.605	0.000	1268.593	1319.603	0.000	1307.602	800.480	1213.461	1212.417	V ₁₄
E ₁₅	1376.645	0.000	1358.630	1444.640	0.000	1426.629	701.419	1164.393	1163.400	E ₁₅
R ₁₆	1444.706	1437.700	1426.690	1527.700	1556.704	1504.700	572.377	1095.300	1044.368	R ₁₆
T ₁₇	1543.745	1528.737	1527.733	1673.838	1688.832	1681.828	444.382	1027.250	1026.211	T ₁₇
P ₁₈	1642.784	1627.776	1626.772	1778.931	1783.924	1782.920	343.234	1006.200	1005.160	P ₁₈
V ₁₉	1741.824	1724.816	1723.812	1866.955	1882.950	1881.946	249.153	1005.150	1004.110	V ₁₉
K ₂₀	1870.869	1853.861	1852.856	1988.954	1981.950	1980.944	147.111	1.53088	0.000	K ₂₀

sp | P27661 | H2AX_MOUSE

KAS Phospho QASQEQ
79.97



sp | P27661 | H2AX_MOUSE

KAS^{Phospho} 79.97 QASQEY

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=59.60
- ▶ F091343.dat
- ▶ query=q12675_p1
- ▶ precursor=546.223700
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a+b	b	b*	b+a	y	y*	a+b	AA
R	101.07	14.60	115.67	126.10	112.07	0.00	100.44	1074.43	1074.43	R
A	172.144	155.118	0.00	200.130	181.111	0.00	853.588	846.510	945.559	A
S	139.143	102.118	121.132	100.130	100.111	149.127	492.308	671.261	674.260	S
Q	187.010	450.117	449.118	445.109	108.118	177.108	723.319	102.281	107.280	Q
A	534.238	521.232	520.233	506.233	549.237	548.235	597.251	580.235	579.241	A
S	625.271	608.264	607.265	653.265	635.259	635.255	526.214	509.188	509.204	S
Q	751.520	736.513	735.511	781.524	784.520	763.513	439.182	422.155	431.172	Q
T	103.112	635.305	669.305	916.304	869.300	892.306	311.124	0.00	391.113	T
Y	1345.436	1339.438	1337.434	1313.430	1356.431	1351.419	182.081	0.00	1341.431	Y

sp | P27661 | H2AX_MOUSE

KASQAS^{Phospho} QEY
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=35.79
- ▶ F091343.dat
- ▶ query=q12678_p1
- ▶ precursor=546.224520
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
R	101.07	144.06	11.99	126.10	112.076	0.000	100.44	1074.43	1074.43	R
A	172.144	155.118	0.000	200.150	183.113	0.000	883.588	846.570	846.570	A
S	259.176	182.130	24.100	221.171	210.145	0.000	892.308	871.281	874.280	S
Q	387.218	170.049	289.220	415.230	398.204	0.019	852.318	788.291	787.289	Q
A	358.212	441.200	440.200	488.267	460.250	0.000	608.257	677.218	680.218	A
S	625.271	608.264	607.260	653.263	635.250	0.000	606.181	588.154	588.170	S
Q	751.320	738.303	736.310	781.324	764.297	0.013	653.313	422.150	421.172	Q
T	883.372	635.368	668.368	918.367	883.360	0.000	692.356	311.134	0.000	201.113
Y	1045.426	1028.408	1027.424	1073.428	1056.401	0.000	1055.419	182.081	0.000	1055.419

sp | P43274 | H14_MOUSE

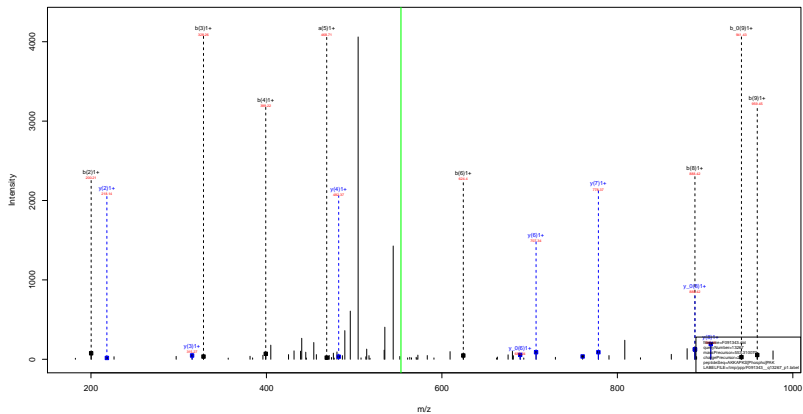
KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=47.55
- ▶ F091343.dat
- ▶ query=q13266_p1
- ▶ precursor=553.310050
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R1	101.407	94.001	0.000	229.102	112.076	0.000	1109.613	1088.988	1097.602	K10D
A2	172.144	126.218	0.000	206.139	118.113	0.000	977.518	969.493	959.507	A0
T3	219.017	202.313	0.000	297.192	209.166	0.000	906.481	899.454	888.470	T10
R4	397.292	380.296	0.000	425.267	408.261	0.000	859.423	792.402	779.418	K17
S5	414.211	387.205	146.100	500.319	375.259	174.271	861.191	854.201	843.121	S0
T6	481.252	464.247	94.313	648.138	474.114	174.262	514.325	497.292	0.000	T10
A7	732.280	715.254	744.371	768.375	743.249	742.303	441.269	429.250	0.000	A0
R8	860.476	843.449	842.450	888.470	871.444	870.469	948.265	929.218	0.000	R0
A9	1011.512	1014.488	1011.502	959.507	942.481	941.497	218.150	201.123	0.000	A0
K10D	1019.607	1049.581	1044.560	1091.602	1070.576	1069.582	147.113	439.088	0.000	K10

sp | P43274 | H14_MOUSE

AKKAPKS Phospho PAK
79.97



sp | P43274 | H14_MOUSE

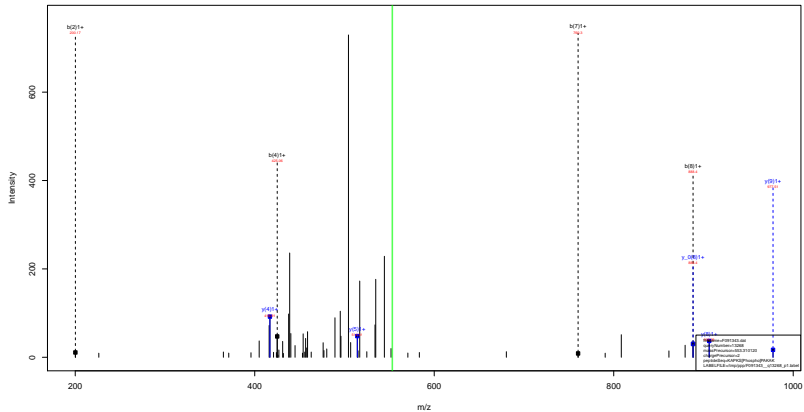
AKKAPKS^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.95
- ▶ F091343.dat
- ▶ query=q13267_p1
- ▶ precursor=553.310070
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀ Δ	b	b*	b ₀ Δ	y	y*	y ₀ Δ	AA
A	44.040	0.000	0.000	72.044	0.000	0.000	1109.613	1109.608	0.007	A10
K	17.2144	126.118	0.000	206.139	1183.113	0.000	3034.920	1117.949	2116.971	K10
R	100.079	203.213	0.000	126.234	111.208	0.000	906.481	1089.494	388.976	R10
A	371.277	354.230	0.000	390.271	382.245	0.000	378.386	761.301	760.375	A19
P	468.329	631.303	0.000	369.329	479.258	0.000	707.140	3699.324	689.138	P16
K	196.224	379.267	0.000	624.419	607.294	0.000	83.700	362.269	104.282	K10
S	735.923	736.306	140.412	734.213	774.391	772.407	482.201	4679.174	462.100	S14
P	840.470	843.489	842.485	888.470	871.444	870.489	315.201	308.178	0.000	P16
A	911.512	914.498	913.502	959.507	942.461	941.497	218.150	201.123	0.000	A15
R10	1039.607	1042.581	1041.590	1039.602	1079.676	1078.688	147.130	130.088	0.000	R10

sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAKAK
79.97



sp | P43274 | H14_MOUSE

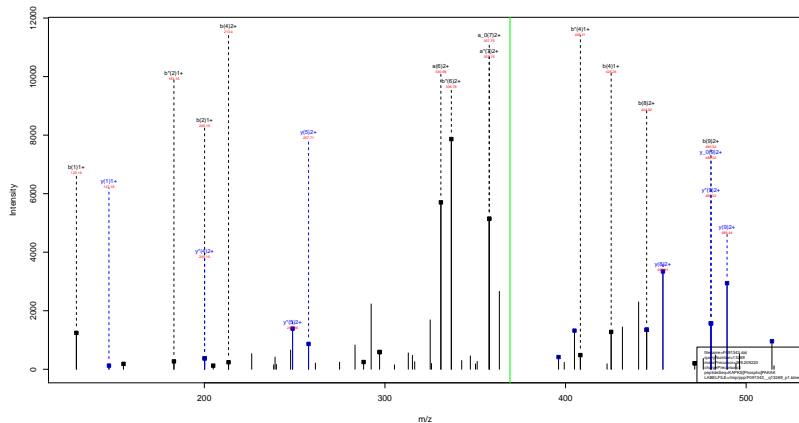
KAPKS^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=25.93
- ▶ F091343.dat
- ▶ query=q13268_p1
- ▶ precursor=553.310120
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R1	101-107	94-101	0.000	129-132	112-109	0.000	1109-813	1088-938	1097-802	K10
A2	172-144	125-118	0.000	206-139	183-113	0.000	977-518	968-491	959-507	A9
T3	109-107	202-111	0.000	119-119	200-106	0.000	505-481	509-454	538-470	Y18
R4	107-202	200-200	0.000	425-287	408-281	0.000	859-425	782-402	170-418	K19
S5	104-101	187-205	146-190	162-203	175-202	1074-201	181-131	169-101	103-111	S10
T6	101-104	184-117	183-111	180-110	174-114	1874-101	515-335	497-200	0.000	Y19
A7	132-200	115-104	144-101	143-101	143-101	142-101	417-282	403-200	0.000	A10
R8	160-476	163-489	162-489	188-470	187-464	181-460	949-200	529-218	0.000	K18
A9	111-512	114-408	113-507	959-507	962-461	961-407	218-150	201-123	0.000	A10
K10	109-107	1049-101	1044-100	1087-101	1070-101	1088-101	147-111	130-088	0.000	K10

sp | P43274 | H14_MOUSE

KAPKS Phospho PAKAK
79.97



sp | P43274 | H14_MOUSE

KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.29
- ▶ F091343.dat
- ▶ query=q13269_p1
- ▶ precursor=369.209220
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R1	101-107	94-101	0.000	126-102	112-076	0.000	1109-813	1088-788	1087-802	K10D
A1	172-144	155-118	0.000	206-139	183-113	0.000	977-511	969-491	959-507	A0
T1	319-317	253-313	0.000	297-192	276-166	0.000	908-461	899-454	898-470	Y10
R1	397-292	280-226	0.000	425-287	408-261	0.000	859-423	792-402	770-418	K17
S1	104-071	147-105	146-100	352-233	375-252	374-271	681-131	659-101	683-121	S0
T1	161-043	164-117	143-111	559-328	574-314	574-314	514-325	497-268	0.000	T0
A1	732-280	715-254	724-371	750-375	743-349	742-303	411-203	403-200	0.000	A0
R1	860-476	843-449	842-450	889-470	871-444	870-409	946-265	929-218	0.000	K18
A1	111-512	114-408	113-507	958-507	942-461	941-407	218-150	201-123	0.000	A0
R10	1019-617	1049-591	1044-590	1087-602	1070-576	1068-591	147-113	133-088	0.000	K10

sp | P43274 | H14_MOUSE

KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=37.29
- ▶ F091343.dat
- ▶ query=q13269_p1
- ▶ precursor=369.209220
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	γ	γ*	γ,Δ	AA
R	31.897	42.544	0.500	89.050	96.941	0.504	320.130	344.797	344.302	K[D]
A	80.576	178.053	0.500	108.573	92.690	0.504	489.363	480.749	480.257	A[V]
P	176.302	128.568	0.500	148.100	148.588	0.500	483.941	448.231	444.719	P[B]
R	190.150	190.835	0.500	213.147	204.634	0.504	405.218	368.704	396.212	K[F]
S	202.849	217.130	273.640	296.646	288.133	287.841	140.170	132.819	132.185	S[b]
P	331.175	327.650	328.170	245.172	316.659	326.157	257.671	248.158	0.504	P[S]
A	358.094	358.181	357.680	328.901	317.818	311.868	269.142	300.811	0.504	A[A]
R	430.741	422.200	424.730	444.739	436.208	436.713	173.620	165.113	0.504	K[D]
A	464.262	467.707	467.250	480.257	471.744	471.252	169.570	161.060	0.504	A[D]
K	530.007	521.704	524.302	544.303	535.782	535.302	74.080	69.547	0.504	K[D]

sp | P43274 | H14_MOUSE

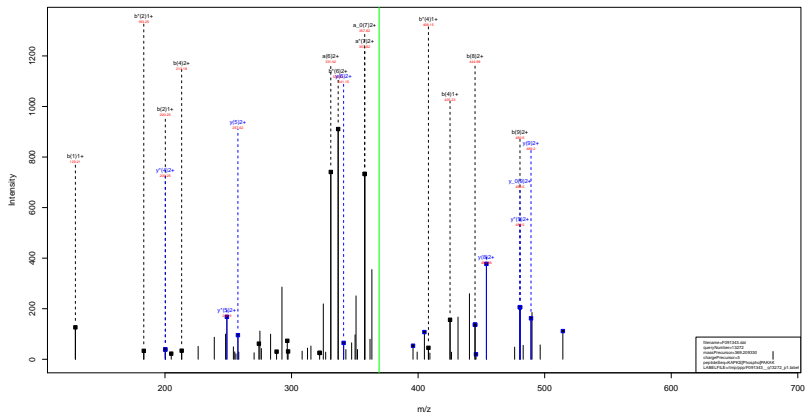
AKKAPKS^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.95
- ▶ F091343.dat
- ▶ query=q13271_p1
- ▶ precursor=553.310300
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀ Δ	b	b*	b ₀ Δ	y	y*	y ₀ Δ	AA
A	44.040	0.000	0.000	72.044	0.000	0.000	1109.613	1109.608	0.007	A10
K	172.144	126.118	0.000	206.139	183.113	0.000	3034.920	3117.949	83.029	K10
R	169.079	203.213	0.000	226.234	111.208	0.000	906.481	889.494	168.987	R10
A	371.277	354.230	0.000	399.271	382.245	0.000	778.386	761.350	170.037	A19
P	468.329	451.303	0.000	496.324	479.298	0.000	767.149	750.123	169.026	P19
K	156.224	179.207	0.000	424.419	407.393	0.000	83.700	783.290	50.590	K19
S	175.923	176.306	140.412	191.413	174.394	174.400	482.201	465.174	17.027	S19
P	340.470	343.449	342.450	388.470	371.444	370.440	315.203	308.178	0.000	P19
A	311.512	314.490	313.500	359.507	342.481	341.480	218.150	211.123	0.000	A19
R	1259.607	1249.581	1244.560	1261.602	1250.576	1249.580	147.130	130.088	0.000	R19

sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAKAK
79.97



sp | P43274 | H14_MOUSE

KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=25.03
- ▶ F091343.dat
- ▶ query=q13272_p1
- ▶ precursor=369.209330
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R1	101-107	94-101	0.000	126-182	112-1076	0.000	1109-813	1088-938	1057-802	K10D
A2	172-144	125-118	0.000	206-139	183-113	0.000	97-511	969-491	959-507	AK
T3	109-107	202-111	0.000	297-192	208-106	0.000	906-461	889-454	888-470	Y18
R4	197-202	280-226	0.000	425-287	408-261	0.000	859-423	792-462	179-418	K17
S5	104-101	187-205	146-190	316-219	375-219	1074-211	681-131	169-101	883-111	S0
T6	101-101	184-117	943-111	589-119	1074-114	1074-114	514-125	497-202	0.000	T10
A7	132-100	115-104	174-111	750-119	743-109	742-101	411-200	403-200	0.000	AK
R8	160-175	163-149	162-150	889-170	1071-164	1010-160	946-205	529-218	0.000	K18
A9	111-112	114-108	111-107	959-107	962-101	961-107	218-150	201-121	0.000	AK
K10	109-107	1049-101	1044-100	1081-101	1070-119	1068-101	147-111	133-088	0.000	K10

sp | P43274 | H14_MOUSE

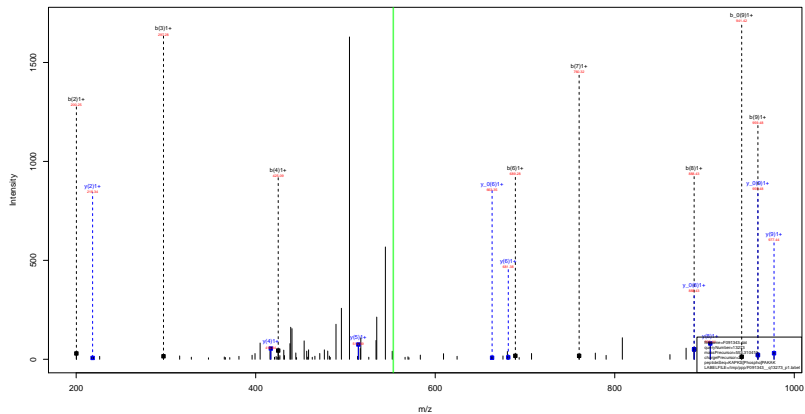
KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=25.03
- ▶ F091343.dat
- ▶ query=q13272_p1
- ▶ precursor=369.209330
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a.d	b	b*	b.d	y	y*	y.d	AA
R	51.057	62.544	0.509	89.055	56.941	0.509	359.110	944.797	674.302	K
A	88.516	178.263	0.504	108.573	92.093	0.504	409.363	480.749	480.257	A
F	178.366	178.366	0.509	149.139	146.369	0.509	633.744	445.211	444.739	F
R	190.150	190.835	0.504	213.147	204.634	0.509	405.218	395.704	396.212	K
S	202.849	274.136	293.649	296.646	288.133	297.641	341.170	332.047	332.105	S
F	331.175	322.662	322.170	345.173	336.650	345.167	257.671	248.158	0.504	F
A	358.044	358.181	357.689	369.043	374.318	373.820	369.143	200.811	0.504	A
R	430.741	422.228	421.736	444.739	436.226	435.733	373.626	685.113	0.504	K
A	466.262	467.317	467.250	480.257	471.744	471.252	399.370	111.049	0.504	A
K	530.307	521.794	521.302	544.805	535.292	534.800	74.860	65.547	0.504	K

sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAKAK
79.97



sp | P43274 | H14_MOUSE

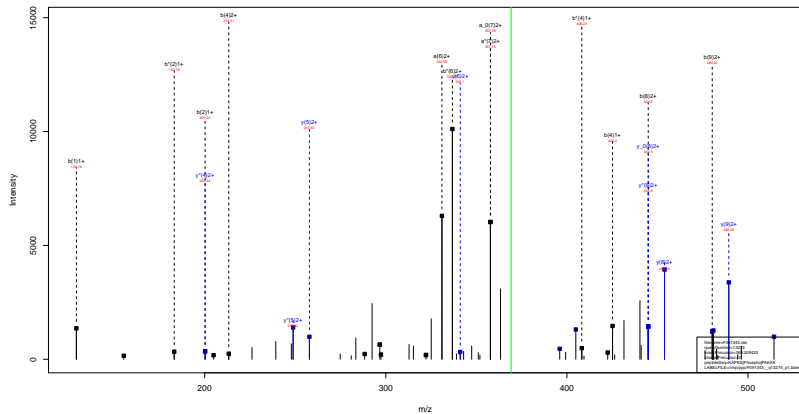
KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.71
- ▶ F091343.dat
- ▶ query=q13273_p1
- ▶ precursor=553.310410
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R1	101.407	94.001	0.000	229.102	112.076	0.000	1109.613	1088.988	1097.602	K10
A2	172.144	155.218	0.000	206.139	118.113	0.000	977.518	969.493	959.507	A0
T3	219.017	202.313	0.000	297.192	209.166	0.000	906.481	899.454	888.470	T0
R4	397.292	380.296	0.000	425.287	408.291	0.000	859.422	792.402	779.418	K17
S5	414.211	397.205	146.100	502.319	375.219	1074.211	861.331	854.301	843.321	S0
T6	481.242	464.217	464.212	608.338	474.214	4674.242	513.338	497.268	0.000	T0
A7	732.280	715.254	714.271	768.375	743.249	742.280	417.282	403.255	0.000	A0
R8	860.476	843.449	842.459	888.470	871.444	870.469	949.265	939.218	0.000	K8
A9	1011.512	1014.498	1013.502	959.507	962.481	961.497	218.150	201.123	0.000	A0
K10	1019.607	1049.591	1048.595	1091.602	1070.576	1069.601	147.111	139.088	0.000	K10

sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAKAK
79.97



sp | P43274 | H14_MOUSE

KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=26.65
- ▶ F091343.dat
- ▶ query=q13274_p1
- ▶ precursor=369.209420
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R1	101-107	94-101	0.000	126-102	112-076	0.000	1109-613	1088-588	1097-602	K10D
A2	172-144	155-118	0.000	206-139	183-113	0.000	977-511	969-491	979-507	A9
T1	219-217	223-213	0.000	297-192	286-186	0.000	906-461	899-454	908-470	Y18
R4	397-292	390-290	0.000	425-287	408-261	0.000	859-423	792-402	770-418	K17
S3	104-101	107-105	146-100	352-219	375-219	1074-271	681-131	669-101	683-111	S10
T6	161-154	164-147	943-131	659-129	1074-114	1074-114	514-325	497-269	0.000	T10
A1	732-280	715-254	734-371	750-370	743-249	742-203	411-200	403-200	0.000	A10
R8	860-476	843-449	842-450	889-470	871-444	870-400	946-265	929-218	0.000	K18
A9	101-512	114-408	913-507	959-507	942-461	941-407	218-150	201-123	0.000	A10
K10	1019-607	1049-591	1044-590	1087-601	1070-576	1068-591	147-111	133-088	0.000	K10

sp | P43274 | H14_MOUSE

KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=26.65
- ▶ F091343.dat
- ▶ query=q13274_p1
- ▶ precursor=369.209420
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a.d	b	b*	b.d	y	y*	y.d	AA
R	51.057	62.544	0.509	69.055	76.941	0.509	359.110	344.797	374.302	K
A	80.516	78.053	-0.504	108.573	92.090	-0.504	409.363	400.749	400.257	A
T	178.166	178.968	0.802	149.100	146.969	-0.801	633.744	645.211	644.739	T
R	190.150	190.835	0.504	213.141	204.634	0.509	405.218	395.704	396.212	K
S	202.849	2174.030	213.640	296.646	288.133	297.641	341.170	332.047	332.335	S
F	331.175	322.663	322.170	345.173	336.650	345.167	257.671	248.158	0.504	F
A	358.044	358.181	357.689	369.693	374.318	371.690	369.143	350.811	0.504	A
R	430.741	422.228	421.736	444.739	436.226	435.733	371.626	365.113	0.504	K
A	466.262	467.311	467.250	480.257	471.744	471.252	399.370	393.045	0.504	A
K	530.307	521.794	521.302	544.805	535.792	535.303	74.860	65.547	0.504	K

sp | Q6ZWY9 | H2B1C_MOUSE

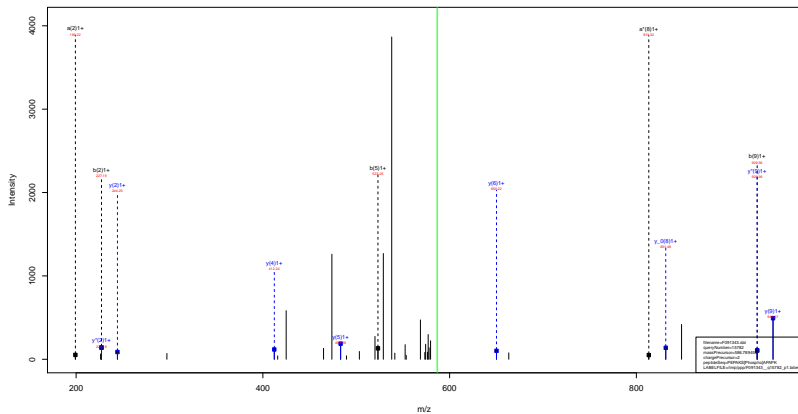
PEPAKS ^{Phospho} APAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=41.29
- ▶ F091343.dat
- ▶ query=q15781_p1
- ▶ precursor=586.789280
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	y ^m	a,β	b	b ^m	b,β	y	y ^m	y,β	AA	
P1	161.071	0.000	0.000	98.293	0.000	0.000	112.237	1128.245	1134.561	P111	
P1	199.108	0.000	103.000	227.193	0.000	0.000	119.113	1198.412	1202.908	P110	
P1	206.100	0.000	276.150	324.025	0.000	306.149	946.476	929.448	928.465	P10	
A1	287.110	0.000	169.100	395.193	0.000	377.202	898.423	812.100	811.412	A10	
P1	316.014	0.000	417.000	523.287	0.000	505.297	718.380	789.288	788.288	K17	
S10	350.014	0.000	644.000	768.287	0.000	750.299	650.291	679.294	678.288	S10	
A1	473.020	0.000	716.010	761.323	0.000	744.336	483.293	466.294	0.000	A10	
P1	630.081	0.000	812.070	823.370	0.000	804.349	846.205	412.255	395.228	0.000	P10
A1	801.018	0.000	983.000	929.413	0.000	911.406	913.293	908.119	0.000	A10	
P10	998.071	0.000	980.000	1029.000	0.000	1008.015	244.166	227.138	0.000	P10	
K11	1120.066	1.000	1108.000	1104.063	11.37	1138.010	187.110	1.00000	0.000	K11	

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKS^{Phospho} APAPK
79.97



sp | Q6ZWY9 | H2B1C_MOUSE

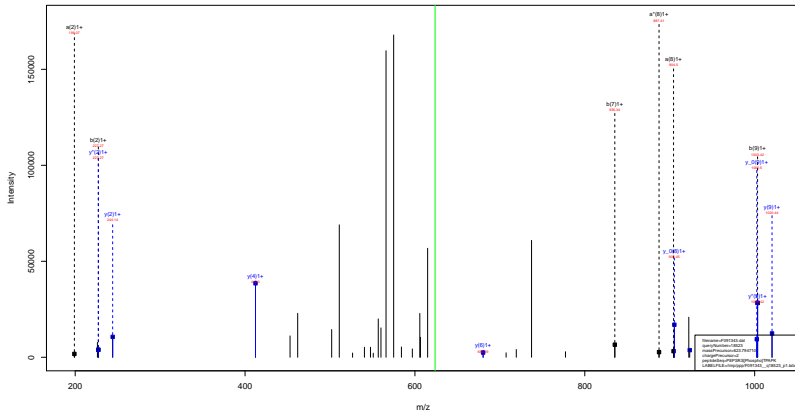
PEPAKS^{Phospho} APAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.67
- ▶ F091343.dat
- ▶ query=q15782_p1
- ▶ precursor=586.789450
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	y ^a	a β	b	b ^a	b β	y	y ^a	y β	AA
P1	161.091	0.000	0.000	98.795	0.000	0.000	112.237	1136.245	1134.061	P111
P12	199.108	0.000	101.000	227.183	0.000	0.000	1129.111	1129.412	1202.908	P110
P13	206.100	0.000	276.150	324.155	0.000	306.149	946.476	929.448	928.466	P10
A14	287.100	0.000	349.150		0.000	377.150	898.421	812.100	811.412	A10
P15	316.094	470.267	417.267	523.267	458.267	459.271	718.100	718.100	718.100	K17
S16	350.094	840.264	844.264	988.264	873.259	872.272	650.291	679.264	1032.267	S10
A17	435.090	1020.261	1161.101	1611.261	1441.260	1411.271	483.293	488.261	0.000	A10
P18	530.081	813.354	812.370	953.370	864.149	846.205	412.355	389.230	0.000	P14
A19	601.418	818.363	963.401	929.413	913.366	911.400	718.293	298.110	0.000	A10
P10	696.471	981.484	980.492	1029.492	1000.430	1008.415	244.166	227.138	0.000	P12
K11	1120.566	1100.539	1100.550	1114.563	1117.534	1130.510	187.110	1.50000	0.000	K11

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRS Phospho TPAK
79.97



sp | Q9D2U9 | H2B3A_MOUSE

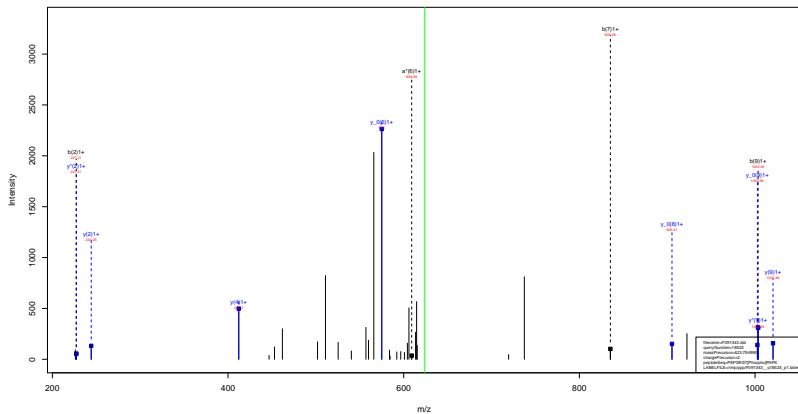
PEPSRS^{Phospho} TPAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=32.51
- ▶ F091343.dat
- ▶ query=q18523_p1
- ▶ precursor=623.794710
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:β	b	b*	b:β	y	y*	y:β	AA
P11	1152.07	0.000	0.000	96.287	0.000	0.000	1346.363	2229.559	3238.512	P11
E12	138.108	0.000	131.989	227.103	0.000	228.999	1249.133	1119.909	2133.503	E12
P13	256.159	0.000	256.159	324.155	0.000	326.145	1020.481	1003.461	1007.477	P13
S14	383.193	0.000	383.182	411.187	0.000	393.177	921.435	950.430	905.424	S14
T15	510.228	0.000	510.209	589.209	0.000	590.210	848.467	819.470	888.466	T15
S16	736.262	0.000	736.261	734.267	0.000	716.270	680.301	683.295	683.293	S16
T17	863.293	0.000	863.293	835.335	0.000	817.338	516.310	666.317	446.313	T17
P18	904.292	887.368	888.362	916.387	935.381	916.371	412.255	588.250	0.000	P18
A19	1130.328	914.363	914.319	1003.424	936.376	936.419	313.293	268.319	0.000	A19
P20	1312.402	1005.409	1004.472	1106.477	1081.491	1080.469	244.168	227.139	0.000	P20
R11	1500.517	1183.551	1183.567	1228.572	1211.516	1210.592	147.111	130.089	0.000	R11

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRST Phospho PAK
79.97



sp | Q9D2U9 | H2B3A_MOUSE

PEPSRST^{Phospho} PAKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=34.46
- ▶ F091343.dat
- ▶ query=q18525_p1
- ▶ precursor=623.794990
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	y	y*	y,β	AA	
P1	301.055	0.000	0.000	96.297	0.000	0.000	1345.387	2229.599	3238.572	P11	
E12	309.100	0.000	131.969	227.103	0.000	0.000	229.599	1119.909	2133.500	E10	
P1	309.100	0.000	229.100	324.100	0.000	0.000	300.140	1020.487	1003.461	1007.477	P10
S14	313.145	0.000	305.142	411.147	0.000	301.177	323.471	600.400	905.424	S0	
T15	319.190	347.261	321.289	109.289	309.262	349.219	388.446	319.379	388.386	T07	
S16	326.235	609.259	609.255	694.257	537.264	630.231	680.261	1083.293	683.291	S04	
T17	337.330	180.310	189.329	635.335	334.349	317.320	393.269	319.243	575.269	T13	
P18	354.382	387.380	389.382	476.387	335.381	414.371	412.255	369.250	369.250	P14	
A19	371.434	924.431	927.433	1003.424	369.436	909.419	101.291	269.370	0.000	A11	
P10	372.482	305.479	1094.477	1100.477	1081.491	1092.480	244.168	227.139	0.000	P12	
K11	1200.577	1183.551	1183.567	1228.572	1211.546	1210.562	147.511	130.089	0.000	K11	

sp | Q9D2U9 | H2B3A_MOUSE

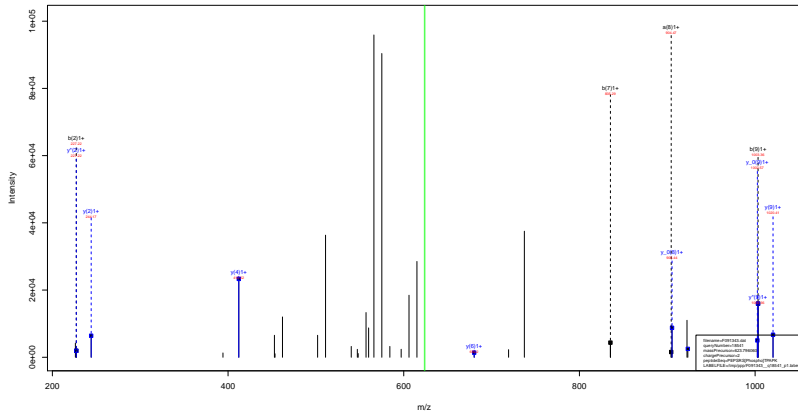
PEPSRS^{Phospho} TPAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=31.78
- ▶ F091343.dat
- ▶ query=q18530_p1
- ▶ precursor=623.795470
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:β	b	b*	b:β	y	y*	y:β	AA
P1	301.055	0.000	0.000	96.287	0.000	0.000	1.245.387	2.229.559	3.208.512	P111
T12	309.100	0.000	1.81.989	297.103	0.000	0.000	2.09.559	1.119.909	2.133.510	K10
P1	309.100	0.000	2.95.193	3.04.155	0.000	0.000	1020.487	1003.461	1007.477	P10
S14	313.110	0.000	3.05.182	4.11.187	0.000	0.000	921.435	959.400	905.424	S10
T12	319.219	0.000	3.21.209	1.09.209	106.202	0.000	2.09.559	2.09.559	2.09.559	T10
S14	319.219	0.000	3.05.201	7.94.207	1.12.202	0.000	1.05.270	1.05.270	1.05.270	S10
T12	319.219	0.000	1.09.209	835.135	1.01.189	817.139	1.10.170	1.09.217	495.201	T10
P10	304.202	0.000	0.000	1.10.207	0.000	0.000	412.255	3.05.255	0.000	P10
A11	317.419	0.000	0.000	1003.424	0.000	0.000	1.11.271	2.09.170	0.000	A11
P10	317.420	0.000	1.094.477	1108.477	1.081.493	0.000	244.168	237.139	0.000	P10
K11	1200.137	1.033.551	1.034.567	3.208.512	1.211.516	3.210.562	147.111	1.93.089	0.000	K11

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRS Phospho TPAPK
79.97



sp | Q9D2U9 | H2B3A_MOUSE

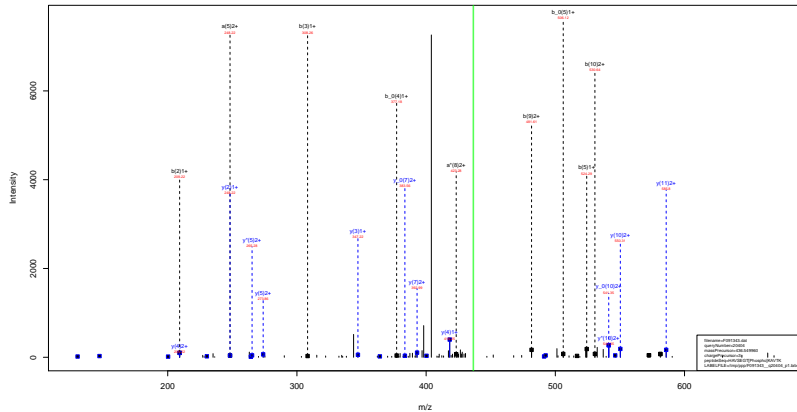
PEPSRS^{Phospho} TPAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.78
- ▶ F091343.dat
- ▶ query=q18541_p1
- ▶ precursor=623.796060
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:β	b	b*	b:β	y	y*	y:β	AA	
P11	301.055	0.000	0.000	96.287	0.000	0.000	1.245.383	2.229.599	3.213.512	P111	
E12	309.100	0.000	1.81.989	227.103	0.000	0.000	2.009.599	1.119.769	2.119.769	E120	
P13	309.100	0.000	2.05.193	3.04.193	0.000	0.000	3.00.149	1020.481	1003.461	1007.477	P130
S14	313.110	0.000	3.05.182	4.11.187	0.000	3.01.177	921.435	9.00.400	905.424	S140	
R15	319.114	0.000	3.21.209	1.01.209	0.000	3.01.210	2.00.210	2.00.210	2.00.210	R150	
S16	326.212	0.000.250	1.00.261	7.94.267	3.17.262	3.15.270	600.301	1.05.275	1.05.270	S160	
T17	327.343	1.00.110	1.00.329	835.335	3.01.309	3.17.310	1.10.310	1.00.312	1.00.310	T170	
L18	304.202	0.00.300	0.00.300	1.10.307	0.00.301	0.10.311	412.255	0.00.250	0.00.250	L180	
A19	317.410	0.00.410	0.01.410	1003.424	0.00.410	0.00.410	1.10.410	2.00.410	0.00.410	A190	
P100	337.400	0.00.400	1.004.477	11.00.477	1.001.401	0.000.400	244.168	237.139	0.00.000	P100	
R111	1200.117	1.001.110	1.001.967	12.00.972	1.011.110	12.10.110	147.111	1.00.000	0.00.000	R111	

sp | P70696 | H2B1A_MOUSE

HAVSEGT^{Phospho} KAVTK
79.97



sp | P70696 | H2B1A_MOUSE

HAVSEGT^{Phospho} KAVTK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.84
- ▶ F091343.dat
- ▶ query=q20404_p1
- ▶ precursor=436.549960
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
R11	110.074	0.000	0.000	1.38100	0.000	0.000	1.38743	0.000000	2.00000	R12
A2	181.438	0.000	0.000	206.163	0.000	0.000	1.170.577	0.153.500	1.152.968	A11
V3	200.577	0.000	0.000	308.172	0.000	0.000	1.000.530	0.082.313	0.081.529	V10
S4	383.009	0.000	1.69.130	399.228	0.000	377.183	1.000.411	0.89.448	0.890.000	S5
E5	496.251	0.000	470.241	524.246	0.000	506.236	903.430	0.000.413	0.000.430	E10
G6	613.473	0.000	530.262	581.246	0.000	563.207	104.300	0.19.370	0.196.300	G17
T7	724.697	0.000	720.210	762.262	0.000	759.214	127.370	0.10.240	0.100.264	T8
R8	832.922	0.000	800.211	806.214	0.000	814.202	946.361	0.000.374	0.000.370	R9
A9	933.432	0.00	920.400	960.414	0.00	963.403	410.266	401.230	400.255	A10
V10	1032.467	0.015.401	1024.477	1000.480	0.043.406	1002.472	347.229	330.202	320.210	V15
T11	1133.630	0.000.000	1120.200	1100.200	0.046.000	1100.000	240.160	231.120	230.150	T16
R12	1201.030	0.000.000	1243.630	0.000.000	1272.000	1271.014	147.113	130.000	0.000	R11

sp | P70696 | H2B1A_MOUSE

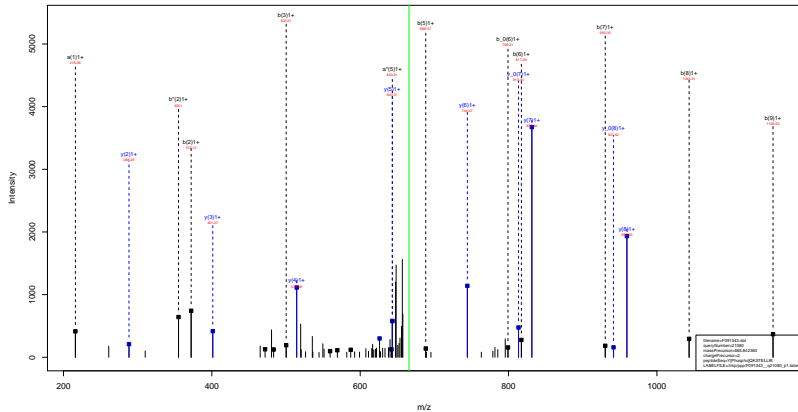
HAVSEGT^{Phospho} KAVTK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=37.84
- ▶ F091343.dat
- ▶ query=q20404_p1
- ▶ precursor=436.549960
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a ρ	b	b*	b ρ	y	y*	y ρ	AA
H 1	55.939	0.504	0.504	69.937	0.504	0.504	654.321	645.808	546.518	H 12
A 2	91.9748	0.504	0.504	125.955	0.504	0.504	585.792	577.279	576.707	A 11
V 3	140.992	0.504	0.504	154.989	0.504	0.504	558.273	541.760	541.268	V 10
S 4	198.988	0.504	1.75.124	198.988	0.504	1.99.130	568.744	492.255	491.134	S 9
E 5	248.629	0.504	239.624	262.627	0.504	253.622	497.221	448.710	448.218	E 8
G 6	277.140	0.504	268.135	291.138	0.504	282.137	392.702	384.189	383.697	G 7
T 7	287.647	0.504	358.642	381.645	0.504	372.639	364.191	355.178	354.186	T 6
R 8	311.695	423.181	423.689	448.692	0.504	438.687	275.685	265.171	264.679	R 5
A 9	467.213	458.709	458.208	481.211	472.207	472.205	209.637	201.123	200.631	A 4
V 10	516.747	509.215	507.742	530.745	522.232	521.740	174.118	165.605	165.113	V 3
T 11	567.271	558.758	558.264	581.269	572.755	572.263	134.584	116.071	115.579	T 2
R 12	611.319	602.805	602.311	648.314	599.801	600.311	74.658	65.541	0.504	R 1

sp | P68433 | H31_MOUSE

Y^{Phospho} QKSTELLIR
79.97



sp | P68433 | H31_MOUSE

Y^{Phospho}_{79.97} QKSTELLIR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.73
- ▶ F091343.dat
- ▶ query=q21080_p1
- ▶ precursor=665.842360
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA	
V	1	216.042	0.000	0.000	344.013	0.000	0.000	1130.677	1113.690	113.7466	V
Q	2	244.152	127.074	0.000	372.096	355.069	0.000	1097.243	1070.256	109.9730	Q
T	3	412.196	420.228	0.000	506.190	483.164	0.000	959.589	944.766	941.5745	T
S	4	558.228	542.253	543.213	587.223	570.195	569.212	831.493	816.461	813.483	S
T	5	693.271	643.249	642.265	648.270	611.244	613.203	748.491	729.437	728.431	T
E	6	789.314	772.287	774.262	817.312	784.286	799.262	843.434	826.387	824.434	E
L	7	892.402	876.373	878.351	930.397	914.370	916.329	914.371	898.341	897.331	L
L	8	1015.488	988.459	987.473	1043.481	1026.454	1025.419	401.287	384.261	0.000	L
I	9	1138.575	1111.544	1110.559	1156.565	1139.538	1138.504	288.283	273.170	0.000	I
H	10	1264.612	1237.580	1236.595	1312.648	1295.620	1294.585	175.133	158.062	0.000	H

sp | P68433 | H31_MOUSE

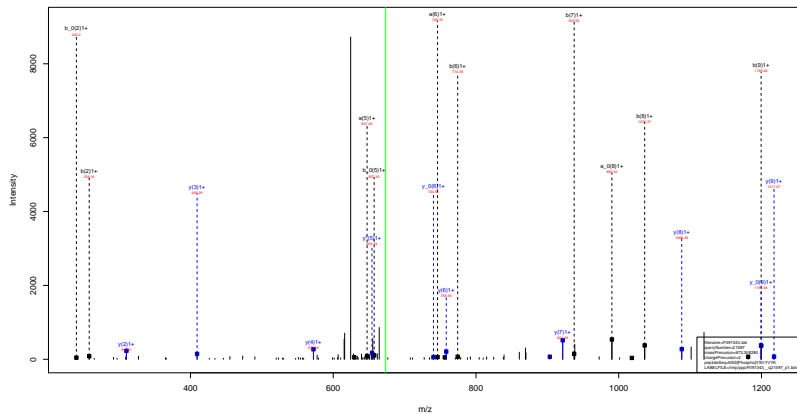
YQKST^{Phospho} ELLIR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=56.00
- ▶ F091343.dat
- ▶ query=q21081_p1
- ▶ precursor=665.843230
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
V1	136.070	0.000	0.000	104.071	0.000	0.000	130.071	111.066	111.066	V120
Q2	264.136	267.103	0.000	202.139	275.103	0.000	277.103	1150.507	1149.503	Q20
R12	170.070	170.000	0.000	426.224	418.070	0.000	1078.255	1079.208	1071.244	R10
S4	476.201	482.205	461.201	507.200	490.200	480.200	911.400	894.401	893.400	S7
T1	485.201	441.200	442.201	688.210	671.204	661.200	826.420	809.415	808.417	T10
E0	288.202	282.200	272.200	617.313	604.200	591.200	943.414	926.381	925.403	E20
L12	602.402	605.370	600.370	935.307	915.200	903.200	514.371	499.261	0.000	L14
L1	611.400	606.400	591.411	1043.461	1026.404	1005.410	401.287	384.261	0.000	L11
I0	1126.539	1111.504	1100.503	1154.565	1139.538	1120.551	200.203	272.176	0.000	I05
R10	204.014	1127.490	1120.000	1115.000	1105.000	1100.000	176.110	1100.000	0.000	R01

sp | Q64475 | H2B1B_MOUSE

KES Phospho YSVYVYK
79.97



sp | Q64475 | H2B1B_MOUSE

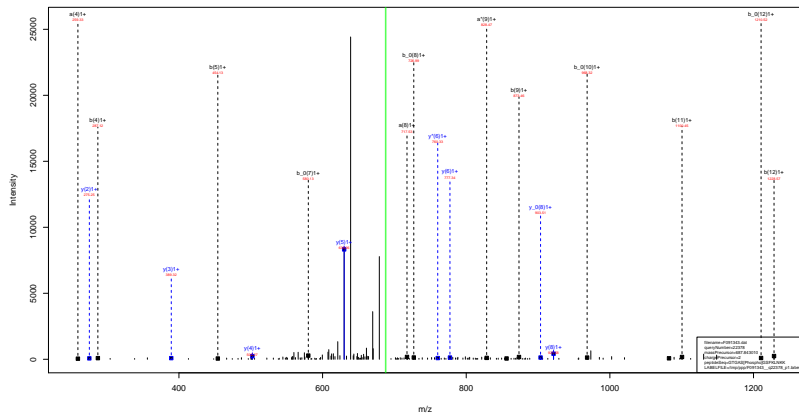
KES^{Phospho} YSVYVYK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.16
- ▶ F091343.dat
- ▶ query=q21597_p1
- ▶ precursor=673.308280
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
K	1	100.059	100.059	126.084	127.099	0.000	1146.858	1128.881	1127.866	K(2)
E	2	130.137	131.152	212.139	258.145	261.118	240.134	1217.513	1208.488	E(2)
S	3	160.214	161.229	293.136	329.142	332.115	607.121	1088.419	1079.393	S(2)
V	4	190.292	191.307	374.203	388.207	371.180	370.180	821.472	804.445	V(2)
S	5	807.204	130.139	626.213	679.219	682.192	657.228	758.408	749.382	S(2)
V	6	196.312	120.200	128.203	174.207	154.220	758.206	854.201	845.175	V(2)
V	7	198.319	199.249	401.265	857.378	858.344	859.319	572.308	563.282	V(2)
V	8	198.444	199.411	901.433	1036.439	1037.413	1018.428	408.245	399.219	V(2)
V	9	1171.207	1134.482	2153.497	1199.502	1120.475	1181.481	316.176	293.150	V(2)
K	10	1259.668	1220.939	2191.952	2197.967	2199.940	1309.948	140.111	130.085	K(2)

sp|P15864|H12_MOUSE

GTGAS^{Phospho}_{79.97} GSFKLNKK



sp | P15864 | H12_MOUSE

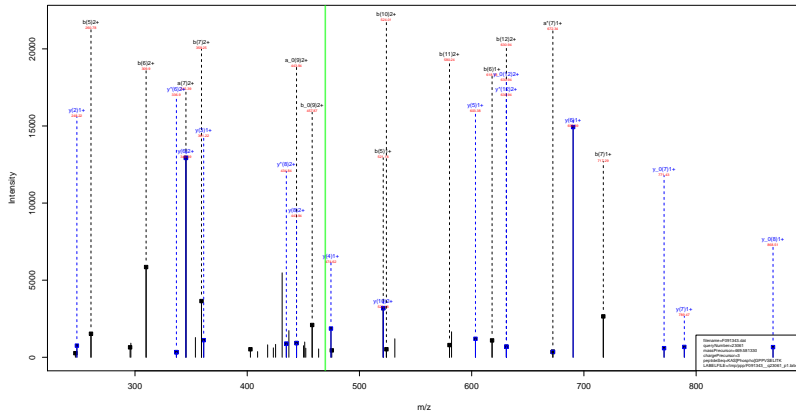
GTGAS^{Phospho} GSFKLNKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.74
- ▶ F091343.dat
- ▶ query=q22378_p1
- ▶ precursor=687.843010
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
G(1)	361034	0.000	0.000	590024	0.000	0.000	1174.630	1107.630	1066.667	G(13)
T(2)	1311092	0.000	1141071	1191076	0.000	1411099	1117.630	1300.630	1209.646	T(12)
G(3)	1108111	0.000	1191092	1191098	0.000	1101107	1119.630	1119.630	1106.666	G(11)
A(4)	759 140	0.000	1451110	287 133	0.000	1091124	1119.630	1142.643	1141.577	A(10)
S(5)	1121110	0.000	1091124	454 133	0.000	1136122	1119.630	1112.521	1111.520	S(9)
G(6)	1011110	0.000	1091124	1111110	0.000	1111114	971 302	1011.521	101 341	G(8)
S(7)	1019110	0.000	1019110	1019110	0.000	580 176	1015.510	1017.509	1009.500	S(7)
F(8)	717 260	0.000	1009110	1009110	0.000	727 245	717 490	760 472	0.000	F(6)
K(9)	1041105	626 320	1041105	873 300	856 324	1001100	636 430	1011.492	0.000	K(5)
L(10)	1011109	1011111	1011111	1011111	1011111	906 424	302 353	1011.492	0.000	L(4)
N(11)	1107102	1005100	1004102	1100 477	1001101	1002 467	303 291	1011.492	0.000	N(3)
K(12)	1100107	1100101	1100101	1228 572	1111100	1210 562	275 208	1011.492	0.000	K(2)
K(13)	1100107	1100100	1100100	1100100	1100100	1100100	1011.492	1100100	0.000	K(1)

sp | P15864 | H12_MOUSE

KAS Phospho GPPVSELITK
79.97



sp | P15864 | H12_MOUSE

KAS Phospho 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=54.88
- ▶ F091343.dat
- ▶ query=q23061_p1
- ▶ precursor=469.581330
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a Δ	b	b*	b Δ	y	y*	y Δ	AA
R1	691.407	694.001	0.000	1299.310	1312.076	0.000	2466.720	2469.723	1398.739	R13
A2	672.244	1205.218	522.974	2061.399	1881.113	0.000	2210.634	2207.608	1280.024	A12
S3	678.184	622.118	556.066	381.150	400.114	688.964	3207.909	3198.916	2108.988	S13
G4	596.164	379.138	217.026	424.163	407.131	406.149	1040.959	1023.972	2022.988	G10
P5	693.217	476.190	475.206	521.212	204.181	601.201	661.217	666.211	666.211	P10
T6	690.218	673.241	316.229	618.205	601.208	602.214	660.211	669.208	668.214	T10
V7	699.208	672.332	671.320	717.333	700.327	699.323	699.472	722.445	771.461	V10
S8	676.470	759.454	758.981	804.561	787.439	406.401	690.403	673.371	672.383	S10
E9	695.413	688.398	687.402	913.408	916.381	615.397	663.371	588.343	585.341	E10
L10	1218.609	621.470	3009.499	4449.492	2209.466	3128.481	474.329	497.326	456.316	L10
I11	1131.581	1114.554	1113.570	1119.576	1142.548	1141.565	361.245	344.238	343.234	I10
H12	1212.629	1211.602	1210.618	1210.624	1243.597	1242.613	248.160	231.134	230.130	H10
K13	1386.224	1343.661	1342.712	1389.719	1371.662	1370.708	347.111	1.30888	0.000	K10

sp | P15864 | H12_MOUSE

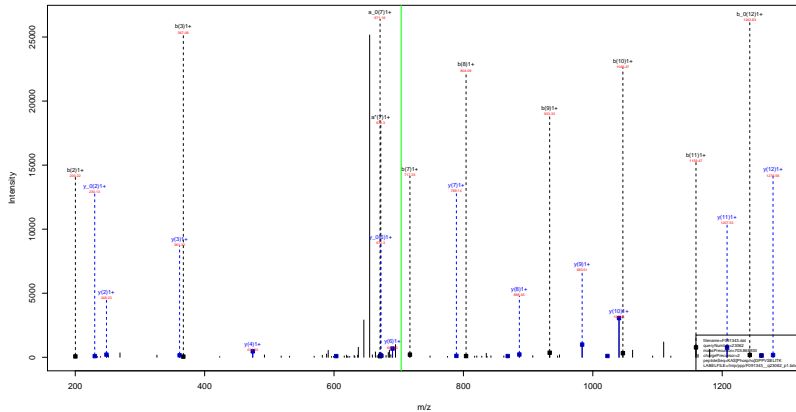
KAS^{Phospho} 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=54.88
- ▶ F091343.dat
- ▶ query=q23061_p1
- ▶ precursor=469.581330
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a ⁺	a+0	b	b ⁺	b+0	y	y ⁺	y+0	AA
K	51.057	42.514	0.503	65.055	56.541	0.504	701.850	706.325	694.893	K113
A	86.976	78.463	0.504	102.971	92.280	0.505	438.821	431.307	630.815	A127
S	170.075	161.562	161.070	184.072	175.559	175.067	604.301	595.787	595.297	S111
G	188.986	180.472	180.980	212.981	204.470	203.978	520.803	511.289	511.798	G100
P	247.112	238.599	238.107	261.110	252.596	252.104	467.207	467.719	463.207	P109
T	295.159	287.645	288.153	306.158	297.643	297.151	443.766	435.253	434.761	T100
V	345.173	336.659	336.167	359.170	350.657	350.165	492.170	488.169	488.174	V109
S	388.689	380.175	379.683	402.686	394.171	393.681	345.705	337.192	336.700	S10
E	453.210	444.697	444.205	469.202	458.684	458.202	387.180	201.676	203.184	E10
L	659.752	651.239	650.747	523.750	515.237	514.745	237.660	228.158	228.667	L100
I	596.294	587.781	587.289	580.292	571.778	571.286	181.126	177.613	172.121	I10
T	616.816	608.303	607.811	630.815	622.302	621.810	124.588	116.071	115.579	T10
K	680.885	672.352	671.860	694.863	686.350	685.858	74.060	65.547	0.504	K11

sp | P15864 | H12_MOUSE

KAS Phospho GPPVSELITK
79.97



sp | P15864 | H12_MOUSE

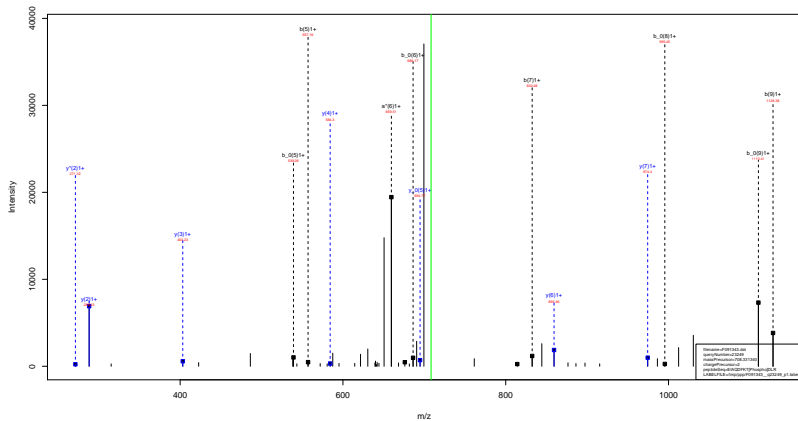
KAS Phospho 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=82.96
- ▶ F091343.dat
- ▶ query=q23062.p1
- ▶ precursor=703.868930
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a''	b	b'	b''	y	y'	y''	AA
K1	101	100	98	99	100	112	0	0	0	K12
A2	172	174	150	151	0	0	0	0	0	A12
S3	330	333	300	311	311	330	333	300	311	S11
G4	356	354	330	330	330	354	356	330	330	G10
P5	403	411	430	430	430	403	403	411	430	P10
T6	480	478	444	444	480	480	480	478	444	T10
V7	539	536	512	512	539	539	539	512	512	V11
S8	574	571	550	548	550	574	574	550	548	S10
E9	605	613	600	600	605	605	605	613	600	E10
L10	618	618	611	611	618	618	618	611	611	L10
D11	633	630	614	609	611	633	633	614	609	D10
I12	632	626	613	602	614	632	632	613	602	I10
K13	630	624	618	613	630	630	630	618	613	K10

sp | P68433 | H31_MOUSE

EIAQDFKT ^{Phospho} DLR
79.97



sp | P68433 | H31_MOUSE

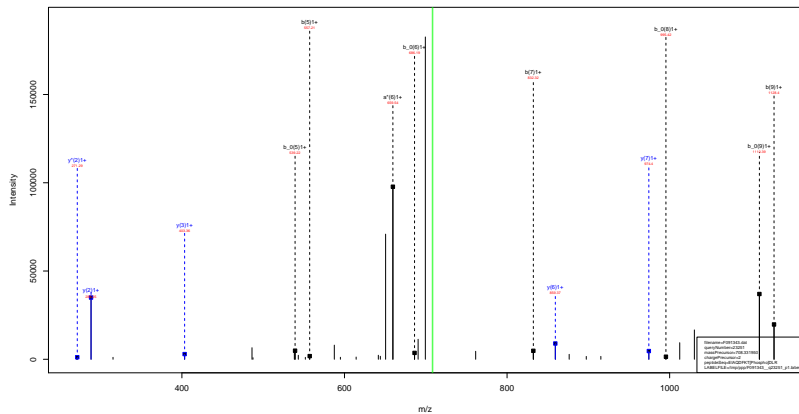
EIAQDFKT^{Phospho} DLR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=30.41
- ▶ F091343.dat
- ▶ query=q23249_p1
- ▶ precursor=708.331340
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
E[1]	102.055	0.000	84.044	4.38383	0.000	4.12439	143.667	1.996530	1.97048	E[1]
T[2]	173.330	0.000	139.329	343.134	0.000	226.373	1288.844	1328.820	2284.803	T[2]
A[3]	209.176	0.000	208.345	314.173	0.000	206.150	1173.520	1176.500	1105.519	A[3]
Q[4]	314.230	387.200	390.224	537.257	472.303	459.098	1280.464	1280.464	1044.842	Q[4]
D[5]	429.012	612.200	511.281	757.293	628.767	579.246	1681.488	1681.488	1288.424	D[5]
F[6]	676.330	654.304	656.320	1097.323	1097.268	686.314	859.487	842.320	841.397	F[6]
K[7]	804.420	807.300	786.414	812.428	815.361	814.409	812.339	806.112	694.328	K[7]
T[8]	985.439	985.412	987.428	1171.419	1098.407	995.423	1341.264	987.212	985.211	T[8]
L[9]	1100.466	1074.439	1092.450	1128.463	1114.454	1110.450	483.230	985.260	982.219	L[9]
L[10]	1313.500	1186.520	1198.531	1247.543	1224.518	1223.534	288.203	271.176	0.000	L[10]
R[11]	1389.031	1382.620	1334.641	1339.646	1380.620	1319.636	176.110	158.000	0.000	R[11]

sp | P68433 | H31_MOUSE

EIAQDFKT ^{Phospho} DLR
79.97



Sequence: P68433_001
 Query: RunSet=23251
 Method: PhosphoScan-705210005
 Charge: PhosphoScan2
 MS/MS: MS/MS (20000) PhosphoScan2
 LMB: P68433_001 (PhosphoScan2)

sp | P68433 | H31_MOUSE

EIAQDFKT^{Phospho}DLR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=47.14
- ▶ F091343.dat
- ▶ query=q23251_p1
- ▶ precursor=708.331950
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA	
E L	102.095	0.000	84.044	4.38388	0.000	4.12439	145.667	1.99650	1.99748	E L	
H D	215.330	0.000	139.128	243.134	0.000	226.313	1288.844	1289.828	1289.803	H D	
A S	269.176	0.000	208.348	314.173	0.000	296.150	1113.530	1116.500	1115.519	A D	
Q G	314.280	387.200	398.224	467.257	0.20311	476.201	1099.498	1100.468	1104.432	Q G	
D T	429.424	612.200	511.268	587.293	0.68268	598.236	874.424	881.400	889.424	D T	
F I	574.528	654.304	658.252	729.283	0.97248	738.226	638.316	659.487	662.350	641.397	F I
K Y	604.432	687.380	706.414	812.428	0.315381	814.402	614.359	666.112	664.310	K G	
L E	665.436	685.412	687.428	775.419	0.668407	805.423	524.254	587.112	585.211	L G	
V Q	1100.468	1074.430	1076.456	1128.461	0.111414	1110.450	403.230	395.260	392.219	V S	
L D	1313.500	1186.520	1188.536	1241.541	0.224518	1223.534	288.203	271.176	0.000	L D	
R I	1389.031	1362.620	1354.641	1339.646	0.000000	1319.636	176.110	158.000	0.000	R I	

sp | P62806 | H4_MOUSE

RIS^{Phospho} GLIYEETR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=78.91
- ▶ F091343.dat
- ▶ query=q23272_p1
- ▶ precursor=708.846040
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ⁺	b	b*	b ⁺	y	y*	y ⁺	AA
R(1)	120.113	112.087	0.000	277.192	140.087	0.000	1428.888	1369.862	1368.878	R(11)
T(2)	282.302	278.174	0.000	276.192	278.174	0.000	1388.787	1349.760	1348.777	Y(8)
S(3)	309.106	302.100	385.100	427.591	420.104	418.100	1147.503	1130.471	1129.461	S(9)
G(4)	339.481	330.120	440.200	497.591	477.180	476.200	880.505	863.470	862.404	G(8)
L(5)	378.301	368.270	580.200	607.200	589.270	588.200	821.463	804.431	803.471	L(7)
V(6)	352.762	345.333	474.325	720.385	703.324	702.325	810.399	793.373	792.388	V(6)
V(7)	303.430	298.427	317.430	881.444	864.411	863.431	607.315	600.290	679.305	V(6)
E(8)	384.451	382.480	388.480	1012.486	990.450	989.470	524.252	517.225	516.241	E(8)
D(9)	1113.524	1099.500	1099.524	1141.528	1124.500	1123.510	405.209	398.181	387.199	D(9)
T(10)	1314.580	1287.550	1288.571	1342.571	1325.550	1224.566	276.187	269.140	268.151	T(10)
R(11)	1310.603	1283.600	1284.621	1308.621	1281.603	1280.600	176.118	168.091	0.000	R(11)

sp | P62806 | H4_MOUSE

RIS Phospho
79.97 GLIYEETR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=75.45
- ▶ F091343.dat
- ▶ query=q23273_p1
- ▶ precursor=708.846960
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
R[1]	130.111	112.087	0.000	112.087	140.082	0.000	140.080	1399.992	1398.018	R[1]
T[2]	282.302	229.191	0.000	270.192	295.186	0.000	299.191	1243.986	1242.997	Y[2]
S[3]	309.109	190.100	395.101	410.101	420.104	419.100	1147.503	1130.471	1129.461	S[3]
Q[4]	399.499	481.101	440.201	410.101	410.104	419.100	863.505	862.471	862.004	Q[4]
L[5]	378.301	682.201	580.201	607.206	616.210	609.205	821.463	806.461	806.011	L[5]
V[6]	552.202	675.203	674.203	720.300	720.304	720.290	810.390	793.373	792.369	V[6]
V[7]	655.433	680.427	677.416	861.444	866.417	865.411	697.315	680.291	679.301	V[7]
E[8]	684.401	585.403	585.403	1012.466	1006.460	1004.418	534.252	517.225	516.241	E[8]
E[9]	1113.204	670.201	670.201	1141.525	1146.500	1123.510	405.200	388.181	387.193	E[9]
T[10]	1314.202	1187.200	1186.211	1242.211	1225.202	1224.109	276.187	258.141	258.101	T[10]
R[11]	1310.001	1353.000	1352.011	1356.010	1361.001	1360.000	135.110	158.000	0.000	R[11]

sp | P43274 | H14_MOUSE

KTS Phospho 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.84
- ▶ F091343.dat
- ▶ query=q23782_p1
- ▶ precursor=479.584590
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
R(1)	491.207	494.001	0.000	129.101	132.076	0.000	2436.146	2419.713	16.433	R(13)
T(2)	492.027	495.238	184.742	230.150	233.123	217.139	1300.065	1291.618	8.447	T(12)
S(3)	369.153	372.127	351.243	399.149	400.122	479.139	1227.500	1139.376	88.124	S(13)
G(4)	426.575	430.138	406.101	454.170	437.143	436.139	1040.559	1023.572	16.987	G(10)
P(5)	412.228	416.217	350.217	351.222	354.186	333.212	863.517	866.513	-2.996	P(10)
F(6)	432.009	601.234	460.219	448.275	451.249	432.273	980.301	899.498	80.803	F(14)
V(7)	419.249	422.222	350.230	747.345	730.317	729.313	739.472	732.445	771.461	V(11)
S(8)	406.481	789.354	748.331	824.370	817.349	816.309	690.403	673.371	17.032	S(6)
E(9)	425.423	428.207	417.413	963.419	946.392	845.408	603.371	586.345	17.026	E(5)
L(10)	434.507	437.481	420.491	1079.503	1069.476	1058.490	654.303	497.305	169.998	L(6)
I(11)	1161.892	1144.505	1143.501	1109.580	1112.560	1111.576	361.245	344.218	17.027	I(1)
H(12)	102.839	106.613	1248.620	1250.134	1271.638	1272.624	248.160	231.134	230.150	H(2)
K(13)	1080.124	1073.108	1127.224	1418.729	1401.703	1400.719	347.111	1.30088	0.000	K(1)

sp | P43274 | H14_MOUSE

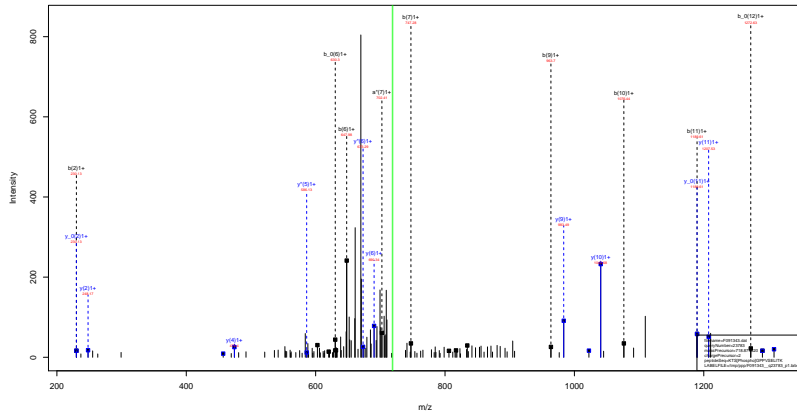
KTS^{Phospho} GPPVSELITK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=46.84
- ▶ F091343.dat
- ▶ query=q23782_p1
- ▶ precursor=479.584590
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a.Δ	b	b*	b.Δ	y	y*	y.Δ	AA	
K	1	51.057	42.544	0.504	65.055	56.541	0.504	710.073	710.205	709.868	K
V	2	110.581	93.068	92.576	115.579	107.065	106.581	694.028	646.313	645.821	V
S	3	195.090	176.587	176.095	199.078	190.565	190.078	605.302	595.789	595.297	S
G	4	271.591	255.088	254.596	277.589	269.076	268.591	520.031	512.290	511.798	G
P	5	350.117	333.614	333.122	376.115	367.602	367.110	460.207	463.779	463.287	P
T	6	310.644	300.141	300.639	324.641	316.128	315.636	443.766	435.253	434.761	T
V	7	360.178	351.675	351.173	374.175	365.662	365.170	395.226	386.713	386.214	V
S	8	403.684	395.181	394.689	417.691	409.178	408.686	345.705	337.192	336.700	S
E	9	468.215	459.712	459.210	482.213	473.700	473.208	302.197	293.676	293.184	E
L	10	524.727	516.224	515.722	538.725	530.212	529.720	237.688	229.168	228.676	L
I	11	581.299	572.796	572.294	595.297	586.784	586.292	183.126	174.605	174.113	I
T	12	631.821	623.318	622.816	645.821	637.307	636.815	124.588	116.071	115.579	T
K	13	695.871	687.368	686.866	700.868	701.355	700.863	74.060	65.547	65.044	K

sp | P43274 | H14_MOUSE

KTS Phospho GPPVSELITK
79.97



sp | P43274 | H14_MOUSE

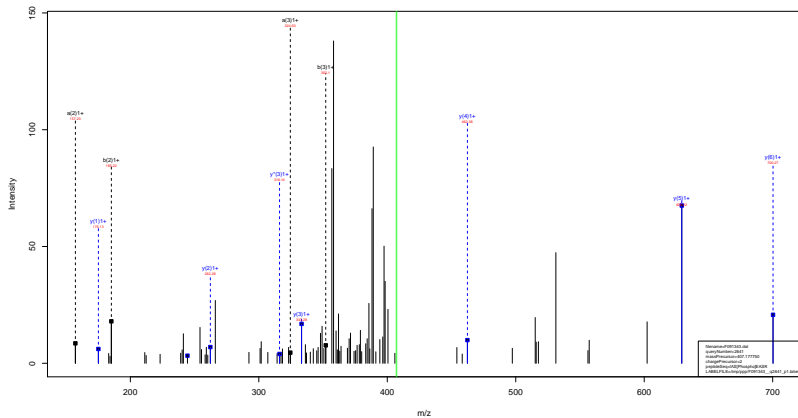
KTS Phospho 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=70.19
- ▶ F091343.dat
- ▶ query=q23783_p1
- ▶ precursor=718.874620
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
K	101	102	98	100	120	112	100	143	140	K
T	103	105	100	104	126	118	104	145	142	T
S	104	106	101	105	127	119	105	146	143	S
G	105	107	102	106	128	120	106	147	144	G
P	106	108	103	107	129	121	107	148	145	P
T	107	109	104	108	130	122	108	149	146	T
I	108	110	105	109	131	123	109	150	147	I
V	109	111	106	110	132	124	110	151	148	V
S	110	112	107	111	133	125	111	152	149	S
E	111	113	108	112	134	126	112	153	150	E
D	112	114	109	113	135	127	113	154	151	D
N	113	115	110	114	136	128	114	155	152	N
K	114	116	111	115	137	129	115	156	153	K
T	115	117	112	116	138	130	116	157	154	T
S	116	118	113	117	139	131	117	158	155	S
G	117	119	114	118	140	132	118	159	156	G
P	118	120	115	119	141	133	119	160	157	P
T	119	121	116	120	142	134	120	161	158	T
I	120	122	117	121	143	135	121	162	159	I
V	121	123	118	122	144	136	122	163	160	V
S	122	124	119	123	145	137	123	164	161	S
E	123	125	120	124	146	138	124	165	162	E
D	124	126	121	125	147	139	125	166	163	D
N	125	127	122	126	148	140	126	167	164	N
K	126	128	123	127	149	141	127	168	165	K
T	127	129	124	128	150	142	128	169	166	T
S	128	130	125	129	151	143	129	170	167	S
G	129	131	126	130	152	144	130	171	168	G
P	130	132	127	131	153	145	131	172	169	P
T	131	133	128	132	154	146	132	173	170	T
I	132	134	129	133	155	147	133	174	171	I
V	133	135	130	134	156	148	134	175	172	V
S	134	136	131	135	157	149	135	176	173	S
E	135	137	132	136	158	150	136	177	174	E
D	136	138	133	137	159	151	137	178	175	D
N	137	139	134	138	160	152	138	179	176	N
K	138	140	135	139	161	153	139	180	177	K
T	139	141	136	140	162	154	140	181	178	T
S	140	142	137	141	163	155	141	182	179	S
G	141	143	138	142	164	156	142	183	180	G
P	142	144	139	143	165	157	143	184	181	P
T	143	145	140	144	166	158	144	185	182	T
I	144	146	141	145	167	159	145	186	183	I
V	145	147	142	146	168	160	146	187	184	V
S	146	148	143	147	169	161	147	188	185	S
E	147	149	144	148	170	162	148	189	186	E
D	148	150	145	149	171	163	149	190	187	D
N	149	151	146	150	172	164	150	191	188	N
K	150	152	147	151	173	165	151	192	189	K
T	151	153	148	152	174	166	152	193	190	T
S	152	154	149	153	175	167	153	194	191	S
G	153	155	150	154	176	168	154	195	192	G
P	154	156	151	155	177	169	155	196	193	P
T	155	157	152	156	178	170	156	197	194	T
I	156	158	153	157	179	171	157	198	195	I
V	157	159	154	158	180	172	158	199	196	V
S	158	160	155	159	181	173	159	200	197	S
E	159	161	156	160	182	174	160	201	198	E
D	160	162	157	161	183	175	161	202	199	D
N	161	163	158	162	184	176	162	203	200	N
K	162	164	159	163	185	177	163	204	201	K
T	163	165	160	164	186	178	164	205	202	T
S	164	166	161	165	187	179	165	206	203	S
G	165	167	162	166	188	180	166	207	204	G
P	166	168	163	167	189	181	167	208	205	P
T	167	169	164	168	190	182	168	209	206	T
I	168	170	165	169	191	183	169	210	207	I
V	169	171	166	170	192	184	170	211	208	V
S	170	172	167	171	193	185	171	212	209	S
E	171	173	168	172	194	186	172	213	210	E
D	172	174	169	173	195	187	173	214	211	D
N	173	175	170	174	196	188	174	215	212	N
K	174	176	171	175	197	189	175	216	213	K
T	175	177	172	176	198	190	176	217	214	T
S	176	178	173	177	199	191	177	218	215	S
G	177	179	174	178	200	192	178	219	216	G
P	178	180	175	179	201	193	179	220	217	P
T	179	181	176	180	202	194	180	221	218	T
I	180	182	177	181	203	195	181	222	219	I
V	181	183	178	182	204	196	182	223	220	V
S	182	184	179	183	205	197	183	224	221	S
E	183	185	180	184	206	198	184	225	222	E
D	184	186	181	185	207	199	185	226	223	D
N	185	187	182	186	208	200	186	227	224	N
K	186	188	183	187	209	201	187	228	225	K
T	187	189	184	188	210	202	188	229	226	T
S	188	190	185	189	211	203	189	230	227	S
G	189	191	186	190	212	204	190	231	228	G
P	190	192	187	191	213	205	191	232	229	P
T	191	193	188	192	214	206	192	233	230	T
I	192	194	189	193	215	207	193	234	231	I
V	193	195	190	194	216	208	194	235	232	V
S	194	196	191	195	217	209	195	236	233	S
E	195	197	192	196	218	210	196	237	234	E
D	196	198	193	197	219	211	197	238	235	D
N	197	199	194	198	220	212	198	239	236	N
K	198	200	195	199	221	213	199	240	237	K
T	199	201	196	200	222	214	200	241	238	T
S	200	202	197	201	223	215	201	242	239	S
G	201	203	198	202	224	216	202	243	240	G
P	202	204	199	203	225	217	203	244	241	P
T	203	205	200	204	226	218	204	245	242	T
I	204	206	201	205	227	219	205	246	243	I
V	205	207	202	206	228	220	206	247	244	V
S	206	208	203	207	229	221	207	248	245	S
E	207	209	204	208	230	222	208	249	246	E
D	208	210	205	209	231	223	209	250	247	D
N	209	211	206	210	232	224	210	251	248	N
K	210	212	207	211	233	225	211	252	249	K
T	211	213	208	212	234	226	212	253	250	T
S	212	214	209	213	235	227	213	254	251	S
G	213	215	210	214	236	228	214	255	252	G
P	214	216	211	215	237	229	215	256	253	P
T	215	217	212	216	238	230	216	257	254	T
I	216	218	213	217	239	231	217	258	255	I
V	217	219	214	218	240	232	218	259	256	V
S	218	220	215	219	241	233	219	260	257	S
E	219	221	216	220	242	234	220	261	258	E
D	220	222	217	221	243	235	221	262	259	D
N	221	223	218	222	244	236	222	263		

sp | P70696 | H2B1A_MOUSE

IAS Phospho EASR
79.97



- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=32.32
- ▶ F091343.dat
- ▶ query=q2641.p1
- ▶ precursor=407.177750
- ▶ chargePrecursor=2
- ▶ itol=0.5

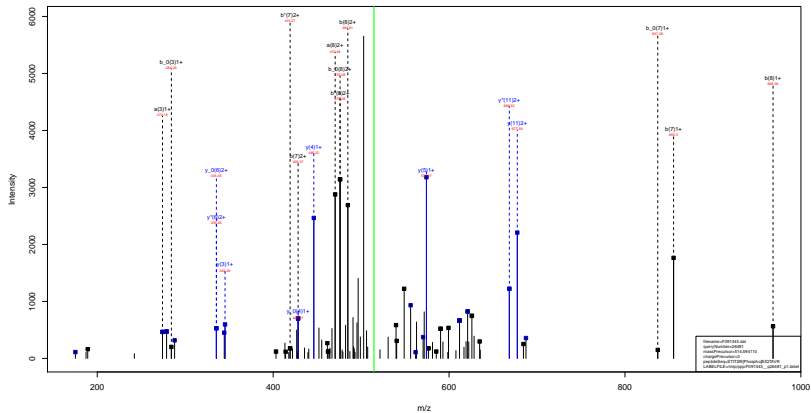
AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
H	96.096	0.000	0.000	114.091	0.000	0.000	81.636	796.134	795.940	H
A	157.134	0.000	0.000	185.128	0.000	0.000	700.366	683.240	682.256	A
S	324.132	0.000	368.121	352.127	0.000	138.131	629.229	612.200	611.216	S
E	453.174	0.000	435.160	461.161	0.000	463.159	462.231	445.206	444.220	E
A	524.212	0.000	506.201	562.207	0.000	134.199	331.188	316.162	315.176	A
S	611.244	0.000	593.233	630.239	0.000	621.238	262.151	245.124	244.140	S
R	787.285	750.278	749.284	795.282	778.273	777.280	175.119	158.092	0.000	R

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.48
- ▶ F091343.dat
- ▶ query=q2642.p1
- ▶ precursor=407.178160
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
H	96.096	0.000	0.000	114.501	0.000	0.000	813.850	796.324	795.940	H
A	157.134	0.000	0.000	185.128	0.000	0.000	700.266	683.240	682.250	A
S	154.124	0.000	308.121	352.127	0.000	534.115	623.229	612.202	611.218	S
E	453.174	0.000	435.162	481.159	0.000	463.150	462.231	445.204	444.230	E
A	524.212	0.000	506.201	552.201	0.000	534.186	333.188	316.162	315.178	A
S	611.244	0.000	593.233	622.229	0.000	601.220	262.151	245.124	244.140	S
R	787.345	750.318	749.332	795.340	778.313	777.320	175.119	158.092	0.000	R

sp | P70696 | H2B1A_MOUSE

STITSR^(Phospho) EIQTAVR
(79.97)



sp | P70696 | H2B1A_MOUSE

STITSR^(Phospho) EIQTAVR
(79.97)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.54
- ▶ F091343.dat
- ▶ query=q26481_p1
- ▶ precursor=514.594110
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
S(1)	92.664	0.000	42.030	88.039	0.000	10.000	1541.700	1824.742	1624.702	S(1)	
T(2)	181.192	0.000	143.082	189.087	0.000	171.000	1454.720	1437.720	1436.720	T(2)	
T(3)	274.176	0.000	258.180	306.171	0.000	264.160	1331.680	1336.680	1335.680	T(3)	
T(4)	375.224	0.000	357.213	403.219	0.000	365.208	1240.600	1223.570	1222.584	T(4)	
S(5)	462.256	0.000	446.240	486.251	0.000	472.240	1130.550	1123.530	1121.546	S(5)	
R(6)	558.272	0.000	540.261	578.270	0.000	568.260	1036.500	1028.480	1024.514	R(6)	
S(7)	657.308	0.000	639.292	655.301	0.000	637.300	937.450	929.430	928.447	S(7)	
T(8)	740.450	0.000	722.439	768.445	0.000	750.434	847.415	839.388	838.404	T(8)	
Q(9)	828.500	0.000	810.480	828.490	0.000	810.477	757.403	774.331	757.324	Q(9)	
T(10)	919.550	0.000	901.540	919.531	0.000	901.528	679.403	445.272	429.240	428.262	T(10)
A(11)	1040.593	0.000	1022.581	1040.568	0.000	1022.562	590.578	345.224	325.198	324.214	A(11)
V(12)	1130.602	0.000	1112.591	1130.571	0.000	1112.560	509.600	274.187	257.164	256.180	V(12)
R(13)	1245.653	0.000	1227.642	1247.632	0.000	1229.621	430.711	175.119	158.092	157.107	R(13)

sp | P70696 | H2B1A_MOUSE

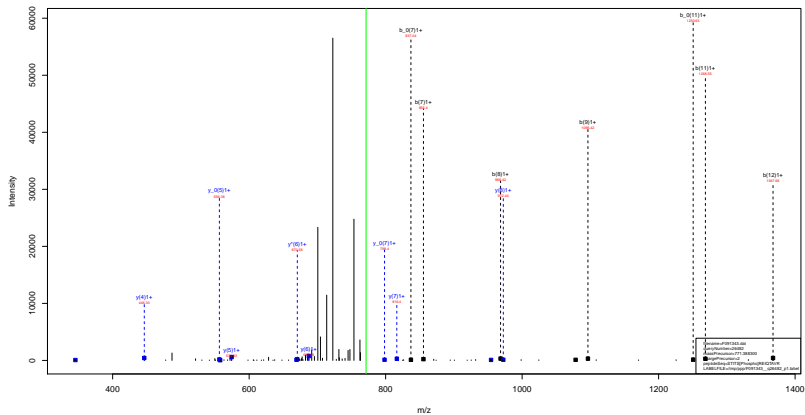
STITSR^(Phospho) EIQTAVR
(79.97)

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=49.54
- ▶ F091343.dat
- ▶ query=q26481_p1
- ▶ precursor=514.594110
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
S[1]	30.926	0.504	29.421	44.523	0.504	45.027	178.880	162.875	162.880	S[13]
T[2]	31.430	0.504	30.926	45.027	0.504	45.531	179.384	163.379	163.384	T[12]
T[3]	31.934	0.504	31.430	45.531	0.504	46.035	179.888	163.883	163.888	T[11]
I[4]	32.438	0.504	31.934	46.035	0.504	46.539	180.392	164.387	164.392	I[10]
S[5]	32.942	0.504	32.438	46.539	0.504	47.043	180.896	164.891	164.896	S[9]
R[6]	33.446	0.504	32.942	47.043	0.504	47.547	181.400	165.395	165.400	R[8]
E[7]	33.950	0.504	33.446	47.547	0.504	48.051	181.904	165.899	165.904	E[7]
I[9]	34.454	0.504	33.950	48.051	0.504	48.555	182.408	166.403	166.408	I[6]
Q[9]	34.958	0.504	34.454	48.555	0.504	49.059	182.912	166.907	166.912	Q[6]
T[10]	35.462	0.504	34.958	49.059	0.504	49.563	183.416	167.411	167.416	T[5]
A[11]	35.966	0.504	35.462	49.563	0.504	50.067	183.920	167.915	167.920	A[4]
V[12]	36.470	0.504	35.966	50.067	0.504	50.571	184.424	168.419	168.424	V[3]
R[13]	36.974	0.504	36.470	50.571	0.504	51.075	184.928	168.923	168.928	R[2]

sp | P70696 | H2B1A_MOUSE

STITS (Phospho)
(79.97) REIQTAVR



sp | P70696 | H2B1A_MOUSE

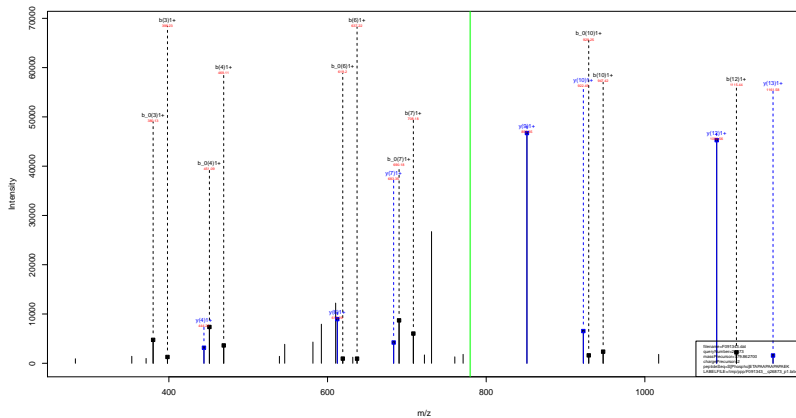
STITS (Phospho)
(79.97) REIQTAVR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.58
- ▶ F091343.dat
- ▶ query=q26482_p1
- ▶ precursor=771.388300
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
S	607.669	0.000	43.074	86.004	0.000	607.669	1341.710	1324.730	1324.730	S(1)
T	181.202	0.000	143.080	188.080	0.000	171.076	1454.730	1437.750	1436.726	T(2)
I	378.710	0.000	288.080	388.174	0.000	358.710	1325.840	1308.860	1307.836	I(3)
I	376.204	0.000	357.213	405.213	0.000	365.208	1370.850	1353.870	1352.846	I(4)
S	642.222	0.000	328.212	378.212	0.000	632.202	1322.930	1305.950	1304.926	S(5)
R	658.212	0.000	680.212	730.212	0.000	648.202	1372.940	1355.960	1354.936	R(6)
E	437.208	0.000	600.208	650.208	0.000	427.208	1317.950	1300.970	1299.946	E(7)
I	340.400	831.421	927.430	968.443	361.418	350.434	687.415	670.388	669.404	I(8)
Q	1050.509	3051.451	1100.488	1096.503	1019.477	1078.493	574.331	557.304	556.320	Q(9)
V	1378.800	1329.800	1333.800	1338.800	1333.800	1338.800	448.292	448.292	448.292	V(10)
A	1380.501	1223.501	1223.501	1263.508	1251.504	1258.578	345.224	345.198	345.198	A(11)
V	1339.503	1327.503	1334.503	1367.557	1354.531	1361.605	274.181	267.155	267.155	V(12)
R	1435.101	1418.100	1417.100	1424.108	1418.100	1425.147	175.110	158.082	158.082	R(13)

sp | P43274 | H14_MOUSE

S^{Phospho} ETAPAAPAAPAPAEK
79.97



sp | P43274 | H14_MOUSE

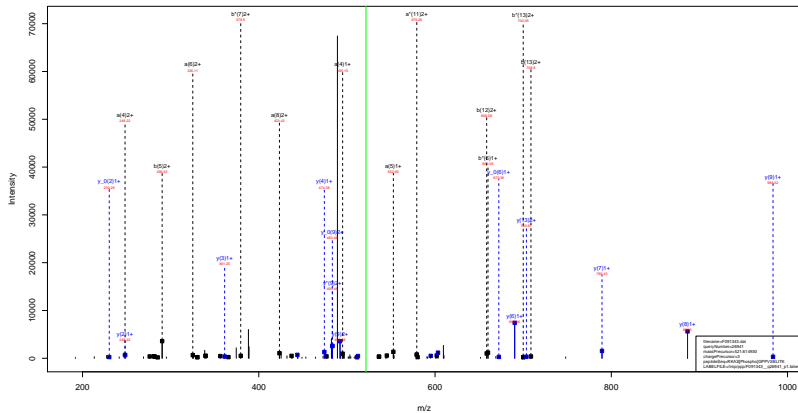
S^{Phospho}_{79.97} ETAPAAPAAPAPAEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=59.59
- ▶ F091343.dat
- ▶ query=q26873_p1
- ▶ precursor=779.862700
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
S	190.011	0.000	122.090	169.099	0.000	169.099	190.011	1341.000	190.010	S[20]
E	269.051	0.000	202.042	202.042	0.000	202.042	269.051	1367.000	269.049	E[15]
T	379.100	0.000	292.090	300.090	0.000	300.090	379.100	1393.000	379.099	T[4]
A	441.130	0.000	435.133	469.133	0.000	451.132	1161.626	1164.000	1143.616	A[13]
P	530.180	0.000	530.180	530.180	0.000	530.180	1090.580	1073.580	1072.579	P[12]
A	600.230	0.000	599.227	637.227	0.000	619.227	600.230	1099.500	1099.500	A[11]
A	700.280	0.000	692.275	708.269	0.000	690.269	922.490	905.473	904.469	A[10]
P	777.310	0.000	779.309	809.313	0.000	807.309	851.492	834.476	833.472	P[9]
A	894.350	0.000	882.344	878.349	0.000	878.349	894.350	1127.500	1127.500	A[8]
A	919.360	0.000	905.352	947.367	0.000	929.376	661.372	654.355	653.352	A[7]
P	1010.440	0.000	998.434	1044.441	0.000	1032.437	612.335	595.318	594.315	P[6]
A	1097.490	0.000	1098.471	1115.477	0.000	1097.468	1115.477	660.350	660.272	A[6]
T	1198.530	0.000	1195.520	1197.530	0.000	1194.519	444.283	427.265	426.265	T[6]
A	1200.570	0.000	1217.561	1203.561	0.000	1205.550	1200.570	500.180	500.180	A[5]
E	1384.614	0.000	1390.604	1412.609	0.000	1394.599	1384.614	269.120	269.140	E[2]
R	1512.700	1498.681	1494.699	1540.704	1522.676	1542.699	1512.700	1307.000	0.000	R[2]

sp | P15864 | H12_MOUSE

RKAS^{Phospho} 79.97 GPPVSELITK



sp | P15864 | H12_MOUSE

RKAS^{Phospho} 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=59.08
- ▶ F091343.dat
- ▶ query=q26941_p1
- ▶ precursor=521.614930
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
R1	126.113	112.087	0.000	114.206	141.064	0.000	126.113	1549.808	1264.826	R14
R2	257.208	240.152	0.000	285.203	258.177	0.000	4466.723	1589.703	1588.749	R13
A3	438.246	411.219	0.000	356.240	339.214	0.000	3279.634	1361.608	1260.624	A62
S4	495.244	478.217	477.233	522.239	506.212	005.226	1287.597	1190.570	1189.586	S13
G5	552.245	535.218	534.232	588.240	569.214	568.228	1094.569	1022.572	1022.588	G19
F6	646.271	625.245	626.260	719.269	701.242	699.257	601.577	968.551	866.567	F18
V6	695.269	675.242	677.257	742.262	724.235	723.249	781.472	772.445	771.461	V17
S9	852.311	835.285	834.299	905.295	884.268	882.282	690.401	674.374	672.393	S20
E00	1161.614	1044.607	1043.593	1089.609	1072.602	1071.608	603.371	588.345	588.361	E10
L11	1174.568	1157.571	1156.567	1202.593	1185.566	1184.562	474.329	463.302	462.318	L16
T12	1387.602	1270.605	1269.611	1315.617	1298.600	1297.606	361.245	346.218	345.234	T11
I13	1398.730	1271.733	1270.732	1416.725	1399.698	1398.714	248.160	231.134	230.150	I12
K14	1611.622	1499.609	1498.616	1544.620	1527.613	1526.619	147.111	130.088	0.000	K12

sp | P15864 | H12_MOUSE

RKAS ^{Phospho} 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=59.08
- ▶ F091343.dat
- ▶ query=q26941_p1
- ▶ precursor=521.614930
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
R[1]	85.899	86.541	0.500	78.008	78.545	0.500	181.017	177.888	172.819	R[14]
R[2]	130.108	130.595	0.500	145.105	134.592	0.500	703.868	665.355	594.893	K[13]
A[3]	154.626	158.113	0.500	179.624	176.111	0.500	639.821	651.307	630.816	A[12]
S[4]	248.126	239.613	-2.000	262.123	253.610	-2.000	604.361	595.847	595.297	S[11]
G[5]	276.636	288.123	2.000	290.634	282.121	-2.018	569.861	512.290	511.708	G[10]
P[6]	325.163	316.649	-2.000	330.160	330.647	330.155	492.292	483.779	483.287	P[9]
P[7]	371.689	365.176	-2.000	384.686	387.673	379.173	598.881	443.766	435.253	P[8]
V[8]	423.223	414.710	-2.000	437.221	428.707	-2.000	565.730	586.726	586.234	V[7]
S[9]	468.741	469.228	0.500	486.731	477.218	-2.000	549.760	531.156	536.706	S[6]
E[10]	513.261	502.747	-2.000	545.259	536.745	536.233	600.180	509.676	503.184	E[9]
L[11]	567.803	579.289	578.797	601.800	593.287	-2.000	237.680	229.150	228.663	L[8]
I[12]	614.345	605.831	-2.000	656.342	647.829	-2.000	581.128	442.613	442.121	I[7]
T[13]	694.869	686.355	-2.000	708.866	700.353	699.861	524.584	516.071	515.576	T[6]
R[14]	758.916	760.403	2.000	772.913	764.400	-2.000	583.608	58.000	65.547	R[11]

sp | P15864 | H12_MOUSE

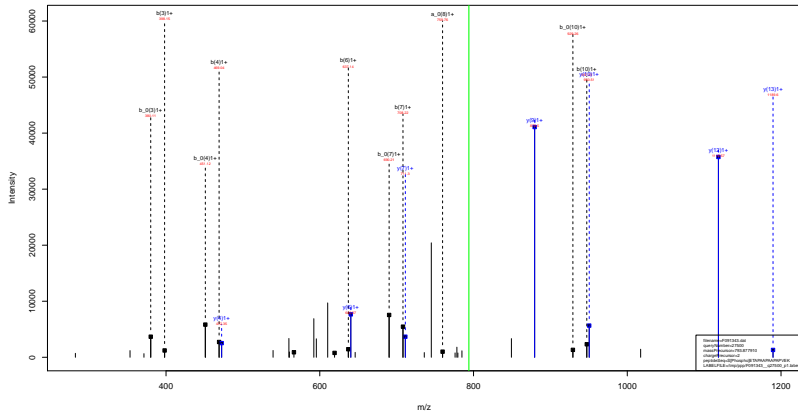
RKAS^{Phospho} 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.66
- ▶ F091343.dat
- ▶ query=q26942_p1
- ▶ precursor=781.920130
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ²	b	b*	b ²	r	r*	r ²	AA
R[1]	129.133	112.087	12563	157.268	140.882	19852	0.182	162.832	26518	R[14]
R[2]	257.266	224.173	50252	314.536	281.764	79008	0.363	325.664	53036	R[13]
A[3]	385.399	331.259	110000	471.804	424.248	180000	0.545	376.608	138024	A[12]
S[4]	513.532	448.342	201000	629.072	566.504	320400	0.707	502.512	252024	S[11]
G[5]	641.665	557.451	310800	786.340	703.976	501600	0.869	638.424	409644	G[10]
P[6]	769.798	676.582	457800	943.608	841.120	705600	1.031	804.384	557088	P[9]
F[7]	897.931	784.715	615600	1100.876	988.240	976800	1.193	924.648	756524	F[8]
V[8]	1026.064	902.848	813600	1258.144	1126.480	1268160	1.355	1064.832	1045744	V[7]
S[9]	1154.197	1011.031	1028400	1415.412	1264.716	1552800	1.517	1205.040	1452084	S[6]
E[10]	1282.330	1119.164	1249800	1572.680	1409.400	1950000	1.679	1345.248	1795344	E[5]
L[11]	1410.463	1227.297	1491600	1729.948	1551.680	2320800	1.841	1485.456	2183884	L[4]
I[12]	1538.596	1335.430	1784400	1887.216	1708.960	2762400	2.003	1625.664	2669344	I[3]
T[13]	1666.729	1443.563	2077200	2044.484	1861.240	3284400	2.165	1765.872	3139884	T[2]
K[14]	1794.862	1551.696	2370000	2199.752	1973.520	3891600	2.327	1906.080	3649884	K[1]

sp | P43277 | H13_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPVEK



sp | P43277 | H13_MOUSE

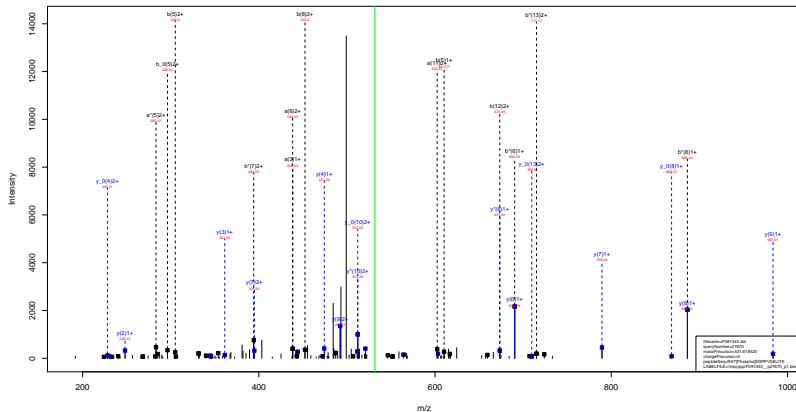
S^{Phospho}_{79.97} ETAPAAPAAPAPVEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=60.10
- ▶ F091343.dat
- ▶ query=q27500_p1
- ▶ precursor=793.877910
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
S	140.071	0.000	122.000	168.000	0.000	049.000	150.740	150.740	150.740	S108
E	209.051	0.000	242.043	207.040	0.000	79.000	242.740	242.740	242.740	E113
T	179.074	0.000	350.000	398.006	0.000	300.085	170.170	172.074	172.074	T114
A	84.130	0.000	423.130	466.133	0.000	451.122	1189.658	1172.613	1171.647	A113
P	53.0191	0.000	520.180	566.186	0.000	516.133	1116.620	1100.504	1100.610	P112
A	609.070	0.000	569.070	617.023	0.000	619.212	100.000	100.000	100.000	A111
A	986.000	0.000	642.000	708.260	0.000	650.249	935.504	932.500	932.500	A110
P	772.018	0.000	758.307	809.313	0.000	807.300	879.493	862.493	861.493	P109
A	846.025	0.000	832.044	878.260	0.000	877.247	70.444	70.444	70.444	A108
A	919.392	0.000	903.380	947.387	0.000	929.376	711.404	699.371	698.370	A107
P	1010.445	0.000	988.431	1044.440	0.000	1038.429	640.306	628.301	627.301	P106
A	1087.462	0.000	1069.470	1115.477	0.000	1107.466	543.334	536.287	535.303	A105
T	1184.478	0.000	1166.504	1222.500	0.000	1204.493	472.237	459.250	454.266	T104
V	1203.003	0.000	1205.903	1311.908	0.000	1293.500	375.220	358.193	357.233	V103
E	1312.046	0.000	1304.030	1444.043	0.000	1422.030	270.130	259.120	258.140	E102
R	1540.141	1323.724	1522.730	1508.730	1351.700	1500.720	147.113	130.000	0.000	R101

sp | P43274 | H14_MOUSE

RKT^{Phospho}SGPPVSELITK
79.97



sp | P43274 | H14_MOUSE

RKT^{Phospho} SGPPVSELITK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=41.45
- ▶ F091343.dat
- ▶ query=q27670_p1
- ▶ precursor=531.618420
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA	
R1	126.113	127.087	0.974	131.208	141.824	10.616	1507.465	1519.484	1214.856	K14	
R2	257.208	256.182	-0.955	285.203	268.177	-17.026	1456.745	1419.715	1418.729	K13	
T3	438.222	431.196	-7.026	440.212	466.211	26.000	1368.645	1301.618	1290.634	T12	
S4	525.254	538.238	567.244	533.249	536.223	3.000	1127.631	1110.604	1110.620	S11	
T5	632.276	635.260	564.265	616.271	609.244	-6.999	1060.569	1023.572	1022.588	G19	
F6	676.290	682.282	663.282	707.324	696.297	-11.027	889.513	601.577	566.555	P16	
F7	776.301	682.282	194.111	804.319	817.292	13.000	889.505	886.524	869.508	K18	
V8	876.302	878.287	1.985	902.325	886.318	-16.007	825.514	781.472	772.445	V17	
S9	952.302	948.285	-4.017	955.317	973.302	18.000	672.505	670.481	671.377	S20	
E10	1061.324	1074.309	13.000	1073.314	1119.319	46.000	1101.509	603.371	588.343	E10	
L11	1204.309	1207.302	3.000	1206.306	1232.303	26.000	1214.503	474.329	469.302	L16	
T12	1317.309	1320.302	3.000	1349.308	1326.305	-23.000	1307.503	361.245	344.218	T12	
T13	1418.340	1431.314	13.000	1448.325	1426.309	-22.000	1426.725	248.160	231.131	T13	
K14	1546.310	1539.309	-7.000	1574.320	1557.304	-17.000	1459.609	147.111	139.088	0.000	K14

sp | P43274 | H14_MOUSE

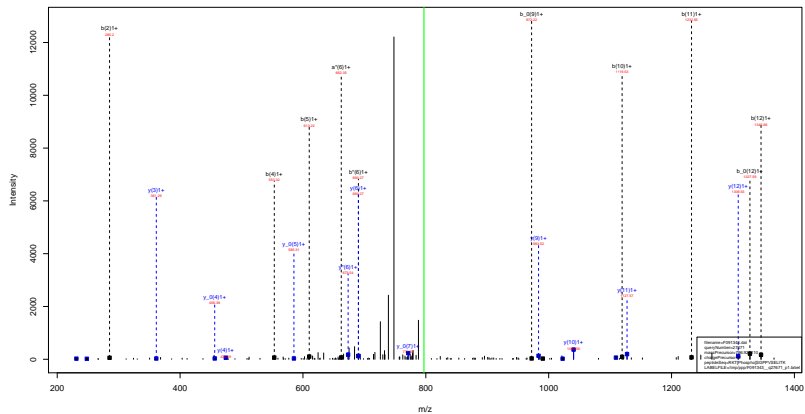
RKT^{Phospho} SGPPVSELITK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=41.45
- ▶ F091343.dat
- ▶ query=q27670_p1
- ▶ precursor=531.618420
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a.D	b	b*	b.D	y	y*	y.D	AA
R[1]	85.869	86.541	87.300	78.028	78.245	0.300	195.621	198.811	191.819	R[14]
R[2]	129.108	130.595	0.500	143.105	134.592	0.500	318.873	310.360	709.868	K[3]
T[3]	219.615	221.100	220.610	233.612	225.099	224.607	354.230	346.313	345.821	T[12]
S[4]	263.131	264.616	264.126	277.129	268.615	268.123	364.319	355.806	355.314	S[11]
G[5]	293.648	281.138	282.630	305.639	297.126	296.634	520.881	512.290	511.798	G[10]
P[6]	348.168	331.655	331.163	354.165	345.652	345.160	492.292	483.779	483.287	P[9]
P[7]	388.684	390.169	389.680	402.650	394.179	393.687	443.766	435.253	434.761	P[8]
V[8]	438.229	439.715	439.220	452.226	443.713	443.221	395.239	386.726	386.234	V[7]
S[9]	473.745	475.230	472.230	484.724	487.220	486.727	345.705	337.192	336.700	S[6]
E[10]	546.266	547.751	547.250	560.263	551.750	551.258	300.140	291.626	291.134	E[9]
L[11]	602.808	594.295	593.800	616.805	608.292	607.800	237.680	229.165	228.663	L[8]
I[12]	658.350	659.835	659.340	673.347	664.834	664.342	181.120	172.605	172.113	I[7]
T[13]	709.874	701.359	700.860	723.871	715.358	714.866	126.560	118.045	117.553	T[6]
R[14]	773.921	765.406	764.910	787.919	779.405	778.913	74.000	65.485	64.993	K[1]

sp | P43274 | H14_MOUSE

RKT^{Phospho}SGPPVSELITK
79.97



sp | P43274 | H14_MOUSE

RKT^{Phospho} SGPPVSELITK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=42.92
- ▶ F091343.dat
- ▶ query=q27671.p1
- ▶ precursor=796.925110
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
R[1]	129.113	112.080	0.000	137.108	140.050	0.000	150.841	1379.814	1374.830	R[14]
K[2]	137.108	120.180	0.000	205.203	138.100	0.000	1439.749	1410.713	1428.729	K[13]
T[3]	138.100	121.180	0.000	140.100	140.100	0.000	1308.645	1307.619	1308.634	T[12]
S[4]	138.100	120.200	109.244	553.249	138.200	108.200	1127.831	1119.804	1109.820	S[11]
Q[5]	138.100	120.200	108.200	510.277	138.200	108.200	1045.599	1039.599	1022.568	Q[10]
P[6]	138.100	662.302	108.138	139.104	698.297	108.138	883.577	1083.551	1083.567	P[9]
R[7]	138.100	120.180	119.113	104.100	107.100	108.100	108.100	108.100	108.100	R[8]
V[8]	138.100	120.180	107.100	104.100	104.100	104.100	104.100	104.100	104.100	V[7]
S[9]	138.100	120.180	104.100	990.477	111.100	972.466	690.403	673.377	731.461	S[8]
E[10]	138.100	120.180	107.100	1119.519	110.100	110.100	691.311	688.341	385.361	E[9]
L[11]	138.100	118.100	118.100	110.100	110.100	110.100	474.328	467.302	456.318	L[10]
I[12]	138.100	118.100	110.100	1232.463	110.100	110.100	1327.817	1311.205	1311.214	I[9]
T[13]	138.100	118.100	110.100	110.100	110.100	110.100	248.100	231.134	230.150	T[12]
K[14]	138.100	118.100	110.100	110.100	110.100	110.100	147.111	130.088	0.000	K[11]

sp | P27661 | H2AX_MOUSE

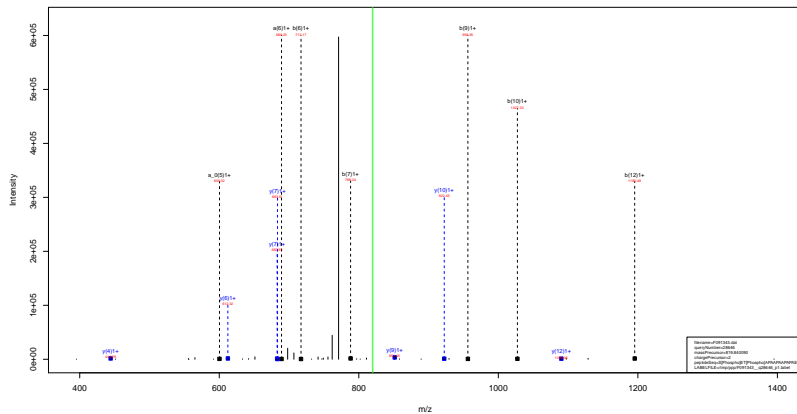
APAVGKKAS^{Phospho} QASQEY
79.97

- ▶ fragmentation table for charge state 1+
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- ▶ score=71.15
- ▶ F091343.dat
- ▶ query=q28169_p1
- ▶ precursor=807.880590
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
A1	44.000	0.000	0.000	72.044	0.000	0.000	1014.502	1202.720	1326.762	A10
P1	141.102	0.000	0.000	188.001	0.000	0.000	1383.715	1528.681	1528.705	P14
A3	112.130	0.000	0.000	246.134	0.000	0.000	1446.602	1420.830	1420.852	A13
V4	311.208	0.000	0.000	330.201	0.000	0.000	1378.426	1328.808	1328.830	V15
G5	306.524	0.000	0.000	306.224	0.000	0.000	1276.537	1359.531	1359.546	G11
K6	496.324	0.000	0.000	524.319	0.000	0.000	1219.538	1202.500	1202.522	K10
R7	624.419	807.382	0.000	624.414	0.000	0.000	1002.442	1014.411	1014.428	R18
A8	708.430	878.430	0.000	725.451	0.000	0.000	963.346	955.310	945.325	A81
S9	882.450	882.449	886.444	886.450	887.421	872.433	882.449	870.401	874.240	S17
G10	880.513	873.487	872.503	1018.508	1003.462	1000.444	726.343	708.264	687.280	G16
A11	694.708	694.707	695.749	1008.545	1002.518	977.510	587.251	600.249	579.241	A21
S12	1148.581	1131.596	1130.577	1176.577	1150.561	1158.567	636.214	608.181	608.204	S14
Q13	1276.641	1259.614	1258.630	1304.639	1287.609	1286.625	438.182	422.150	421.172	Q13
E14	1405.668	1388.663	1387.679	1424.678	1416.662	1415.668	311.124	0.000	281.113	E18
V15	1508.747	1501.739	1500.738	1506.742	1478.711	1478.711	302.113	0.000	302.113	V11

sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ET^{Phospho}_{79.97} APAAPAAPAAEK



sp | P43274 | H14_MOUSE

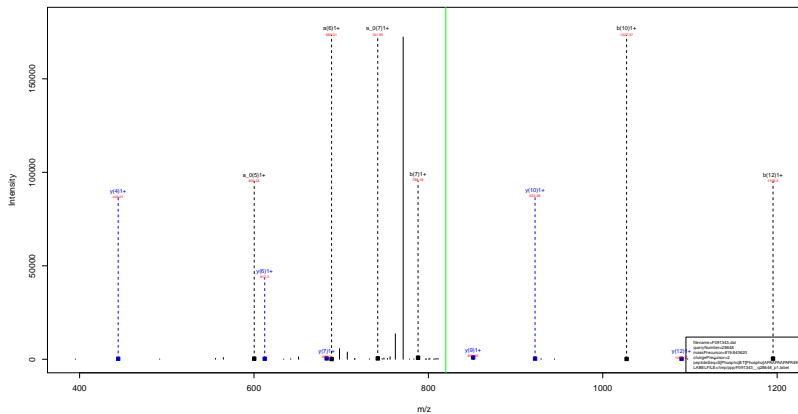
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=34.27
- ▶ F091343.dat
- ▶ query=q28646_p1
- ▶ precursor=819.840090
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
S1	490.011	0.000	122.000	168.000	0.000	499.999	468.000	121.999	32.011	S109
E2	269.051	0.000	261.041	207.040	0.000	278.038	347.038	1454.000	1463.047	E115
T3	474.070	0.000	472.061	473.061	0.000	469.062	120.740	1329.041	1328.070	T14
A4	512.104	0.000	505.084	549.080	0.000	511.080	1181.830	1184.000	1141.830	A113
P5	618.134	0.000	608.147	618.139	0.000	628.132	1090.580	1073.580	1072.519	P112
A6	608.134	0.000	597.104	717.105	0.000	609.113	69.133	109.100	109.100	A111
A7	100.211	0.000	742.211	768.225	0.000	770.216	622.490	965.473	964.480	A100
P8	407.034	0.000	409.274	506.318	0.000	407.280	651.492	134.430	133.432	P10
A9	404.074	0.000	440.074	506.318	0.000	413.074	74.074	122.060	120.060	A10
A10	399.250	0.000	397.250	1027.353	0.000	399.249	661.372	695.249	692.302	A107
P11	1090.411	0.000	1078.401	1114.400	0.000	1106.399	612.335	598.330	594.330	P10
A12	1107.440	0.000	1148.430	1195.443	0.000	1177.433	113.430	488.350	487.212	A10
T13	1308.400	0.000	1349.400	1390.400	0.000	1344.400	444.283	427.210	426.210	T10
A14	1319.510	0.000	1317.510	1363.510	0.000	1345.510	381.100	330.100	328.102	A10
E15	1084.030	0.000	1040.030	1480.030	0.000	1074.028	278.100	259.120	258.140	E10
R16	1312.010	1018.040	1314.000	1620.010	1021.004	1302.000	147.110	130.000	0.000	R10

sp | P43274 | H14_MOUSE

S^{Phospho} ET^{Phospho} APAAPAAPAPAEK
79.97 79.97



sp | P43274 | H14_MOUSE

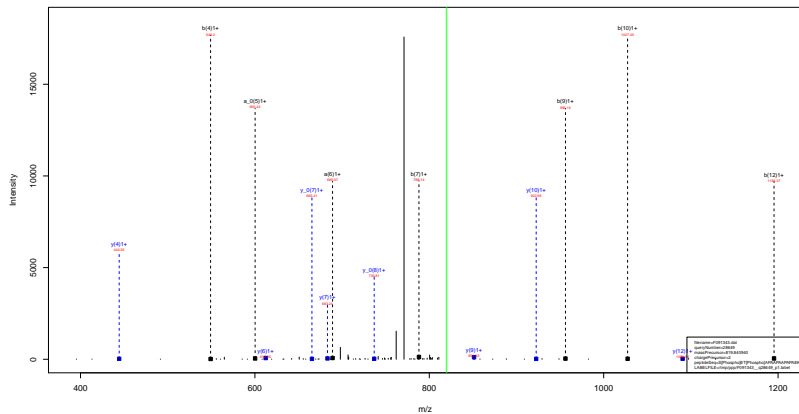
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=32.59
- ▶ F091343.dat
- ▶ query=q28648_p1
- ▶ precursor=819.840620
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA	
S	190.011	0.000	122.000	168.000	0.000	199.999	168.000	122.000	190.011	S 20	
E	209.051	0.000	201.041	207.040	0.000	278.958	207.040	1454.050	1461.047	E 15	
T	224.070	0.000	472.061	473.061	0.000	469.062	159.740	1329.041	1324.039	T 4	
A	331.104	0.000	505.094	549.090	0.000	511.090	1581.830	1184.000	1141.810	A 13	
P	518.134	0.000	608.147	646.151	0.000	628.142	1090.580	1073.583	1072.579	P 12	
A	6	610.134	0.000	597.135	717.130	0.000	609.131	691.131	698.130	A 11	
A	7	700.211	0.000	742.221	768.226	0.000	770.216	922.490	905.473	904.480	A 10
P	8	807.204	0.000	839.271	899.274	0.000	897.269	851.492	834.430	833.432	P 9
A	9	894.271	0.000	940.311	999.314	0.000	979.312	74.747	747.301	A 8	
A	10	999.250	0.000	985.249	1027.353	0.000	1026.349	661.372	660.362	A 7	
P	11	1096.411	0.000	1078.401	1114.404	0.000	1106.398	612.335	598.326	594.326	P 6
A	12	1197.440	0.000	1148.430	1195.443	0.000	1177.433	53.330	488.350	487.272	A 5
T	13	1304.400	0.000	1249.400	1304.400	0.000	1274.400	444.283	427.273	426.276	T 3
A	14	1319.530	0.000	1317.520	1363.511	0.000	1345.510	381.130	330.160	328.162	A 3
E	15	1384.530	0.000	1446.510	1482.510	0.000	1474.508	276.130	259.120	258.140	E 2
R	16	1532.510	1078.940	1514.000	1620.971	1031.044	1602.960	147.110	130.000	0.000	R 1

sp | P43274 | H14_MOUSE

S^{Phospho} ET^{Phospho} APAAPAAPAPAEK
79.97 79.97



sp | P43274 | H14_MOUSE

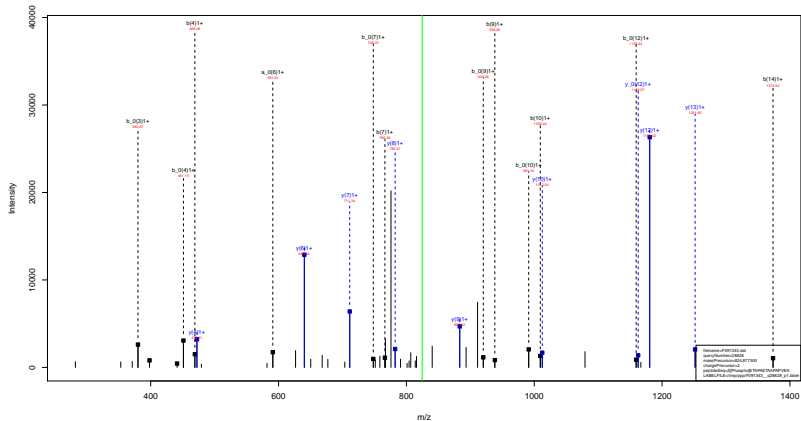
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=32.71
- ▶ F091343.dat
- ▶ query=q28649_p1
- ▶ precursor=819.840940
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
S1	190.011	0.000	120.000	160.000	0.000	199.999	160.000	120.000	190.011	S104
E2	209.051	0.000	201.041	200.040	0.000	209.950	149.000	149.000	209.051	E115
T3	204.000	0.000	474.001	473.001	0.000	400.000	150.000	150.000	204.000	T14
A4	332.104	0.000	505.004	549.009	0.000	331.000	134.000	134.000	332.104	A113
P5	610.134	0.000	608.147	646.151	0.000	608.148	1090.586	1073.583	610.134	P112
A6	608.134	0.000	507.134	510.130	0.000	609.133	60.000	60.000	608.134	A111
A7	700.211	0.000	740.211	768.258	0.000	710.210	822.499	805.473	700.211	A100
P8	807.204	0.000	830.210	858.218	0.000	807.200	851.492	834.470	807.204	P109
A9	808.211	0.000	840.211	858.218	0.000	810.211	74.000	74.000	808.211	A10
A10	999.250	0.000	985.250	1027.353	0.000	999.249	661.372	655.350	999.250	A107
P11	1096.411	0.000	1078.401	1114.406	0.000	1096.400	612.335	598.330	1096.411	P106
A12	1107.440	0.000	1148.430	1195.443	0.000	1127.433	53.000	480.000	1107.440	A105
T13	1308.400	0.000	1340.400	1378.400	0.000	1314.400	444.283	427.270	1308.400	T108
A14	1330.530	0.000	1317.530	1363.533	0.000	1345.530	39.100	330.100	1330.530	A103
E15	1384.532	0.000	1440.510	1480.510	0.000	1474.508	276.100	259.120	1384.532	E102
R16	1582.616	10.000	1574.600	1620.611	10.000	1582.600	147.100	130.000	1582.616	R101

sp | P43276 | H15_MOUSE

S^(Phospho) ETAPAETAAPAPVEK
(79.97)



sp | P43276 | H15_MOUSE

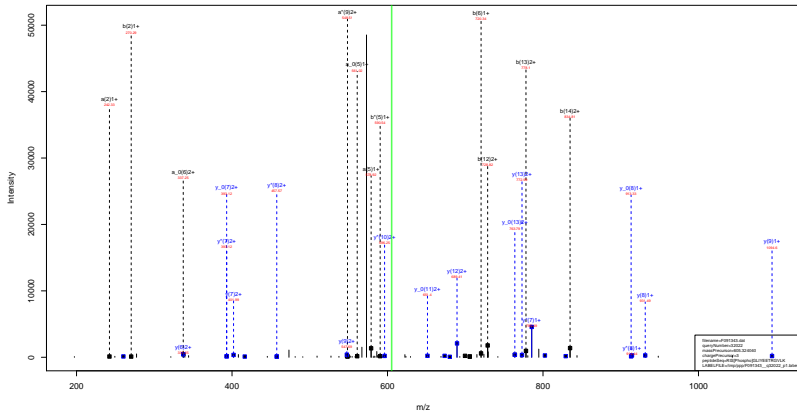
S^(Phospho)_(79.97) ETAPAETAAPAPVEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=73.84
- ▶ F091343.dat
- ▶ query=q28828.p1
- ▶ precursor=824.877300
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a+2	b	b'	b+2	y	y'	y+2	AA
S(1)	1460.011	0.000	1222.000	1488.000	0.000	149.000	1440.740	1011.250	1030.750	S(10)
E(2)	1380.020	0.000	251.043	207.000	0.000	207.000	1481.740	1484.720	1483.730	E(15)
T(3)	1370.110	0.000	382.000	306.000	0.000	301.000	1330.730	1330.070	1328.000	T(14)
A(4)	441.138	0.000	425.120	460.133	0.000	451.132	1251.658	1224.001	1231.047	A(13)
P(5)	1338.101	0.000	320.180	348.180	0.000	348.170	1180.621	1183.584	1182.610	P(12)
A(6)	1097.000	0.000	1097.000	1097.000	0.000	1097.000	1097.000	1097.000	1097.000	A(11)
E(7)	1308.212	0.000	1240.200	706.203	0.000	740.255	1012.531	995.504	994.520	E(10)
T(8)	1308.110	0.000	1021.500	1071.110	0.000	1071.101	881.680	1064.463	1061.470	T(9)
A(9)	1030.105	0.000	1030.105	930.100	0.000	920.100	782.481	785.414	784.430	A(8)
A(10)	1011.100	0.000	1011.100	1000.107	0.000	991.117	711.404	708.371	707.351	A(7)
P(11)	1011.100	0.000	1011.100	1011.100	0.000	1011.100	640.306	1011.100	1011.100	P(6)
A(12)	1140.400	0.000	1131.472	1177.477	0.000	1159.467	1159.467	1159.467	1159.467	A(5)
T(13)	1240.700	0.000	1220.700	1214.700	0.000	1214.700	472.271	470.250	469.260	T(4)
V(14)	1240.004	0.000	1237.000	1173.500	0.000	1205.500	125.220	365.197	367.213	V(1)
E(15)	1474.040	0.000	1456.030	1502.041	0.000	1484.030	200.150	250.110	248.145	E(3)
K(16)	1502.741	1500.730	1504.731	1530.730	1531.730	1532.730	147.111	130.000	0.000	K(1)

sp | P62806 | H4_MOUSE

RIS Phospho
79.97 GLIYEETRGVLK



sp | P62806 | H4_MOUSE

RIS Phospho
79.97 GLIYEETRGVLK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.32
- ▶ F091343.dat
- ▶ query=q32022_p1
- ▶ precursor=605.324040
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	x	a*	x ₀	b	b*	b ₀	y	y*	x ₀	AA	
R1	129 113	112 289	0 000	157 108	146 082	0 000	1813 970	1798 951	1795 947	R120	
I12	242 196	228 171	0 000	270 182	255 166	0 000	1687 850	1649 830	1639 846	I144	
S13	409 156	392 158	395 180	437 191	420 194	419 180	1544 772	1527 749	1526 761	S111	
G14	498 111	489 101	449 200	494 212	477 208	476 200	1377 714	1366 714	1368 701	G120	
L15	579 301	562 270	541 291	607 300	590 270	589 280	1150 750	1103 735	1102 742	L111	
I16	692 280	675 280	674 270	720 300	702 294	692 280				I100	
V17	832 418	815 412	811 410	863 444	846 411	845 410	1091 384	1077 388	1076 375	V106	
E18	954 494	937 485	936 480	1012 505	996 490	994 470	831 521	814 498	813 510	E101	
E19	1113 574	1098 567	1096 570	1141 579	1124 560	1123 551	802 478	785 452	784 460	E117	
I100	1214 562	1197 555	1196 570	1242 577	1226 559	1224 550	673 436	656 420	655 425	I100	
R111	1319 638	1301 630	1300 620	1356 636	1339 618	1338 609		939 589	939 581	R100	
G121	1437 704	1418 698	1419 691	1465 699	1438 672	1437 659	416 287	399 265	0 000	G100	
V115	1526 773	1508 768	1508 760	1554 769	1537 741	1536 731		369 260	342 230	0 000	V108
L114	1619 837	1602 830	1601 840	1659 827	1642 820	1641 811	296 197	281 210	0 000	L100	
R101	1709 952	1700 926	1749 941	1795 947	1778 920	1777 920		191 111	150 080	0 000	R101

sp | P62806 | H4_MOUSE

RIS^{Phospho} 79.97 GLIYEETRGVLK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=44.32
- ▶ F091343.dat
- ▶ query=q32022.p1
- ▶ precursor=605.324040
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	y	y*	y,β	AA
R	65.000	54.549	0.504	79.050	70.545	0.504	907.482	808.999	898.477	R
I	121.402	113.089	0.504	135.000	127.087	0.504	829.432	830.918	831.236	I
S	155.104	138.988	1.001	213.000	211.000	1.001	722.509	724.976	763.864	S
G	223.912	225.999	224.997	247.610	239.997	238.974	685.359	688.977	688.385	G
L	250.154	251.841	251.149	304.150	295.839	295.147	668.888	652.369	661.874	L
I	346.096	338.183	337.691	360.054	352.181	351.686	608.338	595.824	595.332	I
V	428.908	419.918	419.223	442.259	433.912	433.220	547.796	539.799	539.900	V
E	492.740	484.526	483.744	526.742	498.424	497.743	495.255	457.751	457.259	E
E	557.271	548.757	548.265	573.260	562.750	562.261	401.743	393.229	392.737	E
T	607.704	599.281	598.705	629.707	611.279	611.291	337.221	338.708	338.216	T
R	688.848	677.813	676.843	699.843	691.819	690.837	388.988	378.144	378.004	R
G	714.356	705.842	705.350	728.353	719.840	719.350	258.643	259.134	0.504	G
V	763.890	755.977	754.895	777.887	766.874	766.889	188.138	171.823	0.504	V
L	830.432	811.919	811.427	834.429	825.916	825.424	130.602	122.089	0.504	L
K	884.419	873.988	873.414	896.417	889.954	889.412	74.080	58.547	0.504	K

sp | P70696 | H2B1A_MOUSE

HAVSEGT^{Phospho}_{79.97} KAVTKYTSSK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=33.74
- ▶ F091343.dat
- ▶ query=q33020_p1
- ▶ precursor=625.306860
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
T 1	1100.7	0.000	0.000	110.000	0.000	0.000	1001.700	1000.070	0.000	T 12
A 2	101.000	0.000	209.103	0.000	0.000	0.000	1100.000	1119.925	21.000	A 26
V 3	100.000	0.000	208.172	0.000	0.000	0.000	1000.000	1049.103	104.700	V 15
S 4	100.000	0.000	140.100	0.000	0.000	317.103	1000.000	1049.173	2048.715	S 14
E 5	100.000	0.000	139.243	0.000	0.000	306.216	1000.000	1049.103	1049.000	E 13
G 6	100.000	0.000	139.200	0.000	0.000	305.217	1000.000	1049.043	1049.000	G 12
T 7	114.200	0.000	120.200	762.282	0.000	744.271	1201.000	1219.012	1275.014	T 11
D 8	100.000	0.000	140.200	806.277	0.000	807.200	1101.000	1099.000	1099.000	D 10
A 9	100.000	0.000	140.200	140.200	0.000	803.000	804.536	1075.000	806.525	A 11
V 10	100.000	0.000	140.200	140.200	0.000	1002.000	811.499	1008.000	805.488	V 10
T 11	110.000	0.000	110.000	110.000	0.000	1100.000	814.431	1007.000	796.420	T 17
T 12	110.000	0.000	110.000	110.000	0.000	1100.000	711.383	1006.000	605.172	T 18
V 13	114.000	0.000	140.000	140.000	0.000	1144.000	1144.000	1006.000	567.277	V 13
L 14	110.000	0.000	110.000	110.000	0.000	1100.000	422.225	1006.000	1006.000	L 16
S 15	110.000	0.000	110.000	110.000	0.000	1100.000	321.177	1006.000	1006.000	S 15
S 16	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	S 16
K 17	100.000	0.000	100.000	100.000	0.000	1000.000	100.000	100.000	0.000	K 17

sp | P70696 | H2B1A_MOUSE

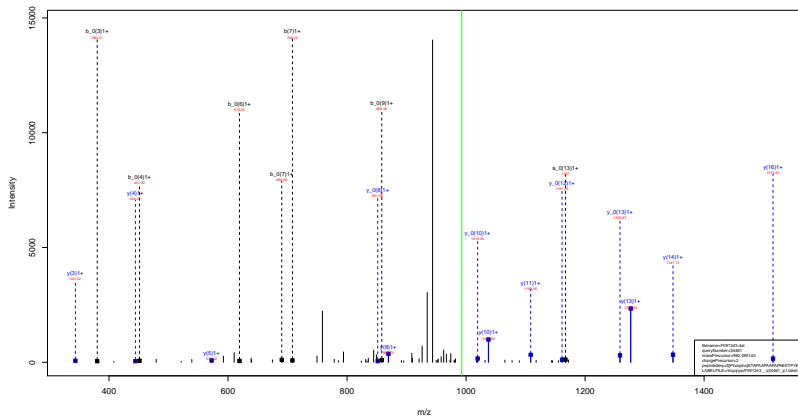
HAVSEGT^{Phospho}_{79.97} KAVTKYTSSK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=33.74
- ▶ F091343.dat
- ▶ query=q33020_p1
- ▶ precursor=625.306860
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	c	c*	cΔ	AA
H	35.537	0.504	0.504	66.537	0.504	0.504	637.453	626.949	608.951	H(L)Y
A	91.058	0.504	0.504	109.955	0.504	0.504	868.927	860.414	858.927	A(L)S
V	140.502	0.504	0.504	154.509	0.504	0.504	831.408	824.895	824.403	V(L)S
S	184.066	0.504	0.504	199.069	0.504	0.504	809.392	801.891	774.369	S(L)A
E	248.829	0.504	0.504	259.829	0.504	0.504	253.822	240.321	231.321	E(L)I
G	277.440	0.504	0.504	286.138	0.504	0.504	284.138	675.837	661.334	G(L)I
T	327.647	0.504	0.504	350.649	0.504	0.504	372.639	367.135	358.633	T(L)I
T	331.959	423.181	422.680	349.959	431.179	430.678	556.819	549.318	547.814	T(L)S
A	467.213	458.712	458.212	481.211	472.697	472.195	492.772	484.270	458.768	A(L)S
V	532.747	568.234	567.742	530.745	522.232	521.730	497.225	448.740	440.240	V(L)S
I	567.271	558.758	558.256	581.269	572.755	572.253	407.719	399.206	388.714	I(L)Y
T	613.119	607.615	607.113	645.316	636.803	636.311	601.143	588.622	580.120	T(L)S
V	712.850	704.337	703.842	726.848	718.335	717.842	293.140	284.634	284.142	V(L)S
I	763.274	754.691	754.189	777.372	768.856	768.354	211.616	203.103	202.611	I(L)A
S	806.930	798.337	797.835	820.939	812.374	811.862	181.092	152.579	152.087	S(L)S
S	859.896	841.893	841.400	864.404	855.899	855.398	131.926	106.065	106.011	S(L)S
R	914.494	905.980	905.485	925.451	916.936	916.446	74.680	65.947	0.504	R(L)I

sp | P43274 | H14_MOUSE

S^{Phospho} ETAPAAPAAPAPAEEKTPVK
79.97



sp | P43274 | H14_MOUSE

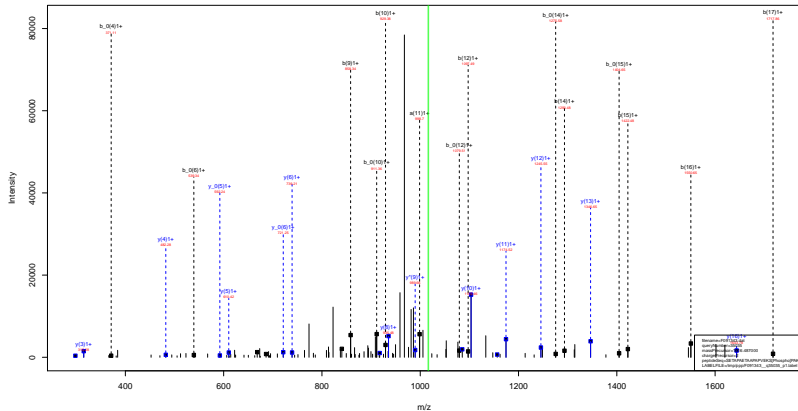
S^{Phospho}_{79.97} ETAPAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=55.80
- ▶ F091343.dat
- ▶ query=q34461.p1
- ▶ precursor=992.495140
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	r	r*	rΔ	AA
S	1401.111	0.000	1401.111	100.000	0.000	1401.111	1001.111	0.000	1001.111	S
E	209.053	0.000	209.053	207.045	0.000	279.039	1818.959	2199.954	1700.979	E
I	970.101	0.000	970.097	309.090	0.000	300.085	1607.030	2070.911	1909.927	I
A	441.136	0.000	423.120	400.113	0.000	451.122	1300.000	1500.984	1500.980	A
P	938.101	0.000	920.100	900.100	0.000	900.100	1515.853	1740.926	2007.924	P
A	309.258	0.000	300.211	307.215	0.000	610.212	1410.893	1400.978	1400.970	A
A	380.205	0.000	382.205	700.200	0.000	690.249	1347.763	1330.737	1330.737	A
T	177.033	0.000	169.000	169.033	0.000	169.033	1275.728	1270.989	1356.715	T
A	946.350	0.000	830.344	895.300	0.000	858.339	1110.612	1162.947	1161.963	A
A	919.302	0.000	901.300	949.300	0.000	901.300	1100.630	1070.610	1070.610	A
P	1019.450	0.000	990.450	1044.440	0.000	1020.420	1037.599	1030.512	1030.508	P
A	1207.492	0.000	1009.411	1122.477	0.000	1077.460	900.540	921.520	922.500	A
P	1184.430	0.000	1166.524	1121.510	0.000	1184.430	800.500	801.461	851.499	P
A	1055.572	0.000	1227.581	1203.567	0.000	1205.550	772.450	759.430	754.446	A
E	1304.614	0.000	1300.600	1312.600	0.000	1309.590	701.430	684.393	683.400	E
R	1012.109	1480.053	1494.958	1540.904	1520.878	1522.858	572.371	595.300	594.304	R
I	1013.109	1500.731	1500.740	1541.702	1524.770	1521.741	644.262	627.200	626.211	I
T	1110.103	1601.731	1601.740	1578.209	1572.218	1570.741	343.234	326.200	326.200	T
V	1004.616	1750.852	1751.860	1837.875	1820.947	1819.851	240.811	225.155	0.000	V
K	1017.671	1820.849	1819.860	1865.864	1848.882	1847.878	147.111	1.50000	0.000	K

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS ^{Phospho} PAK
79.97



sp | P43276 | H15_MOUSE

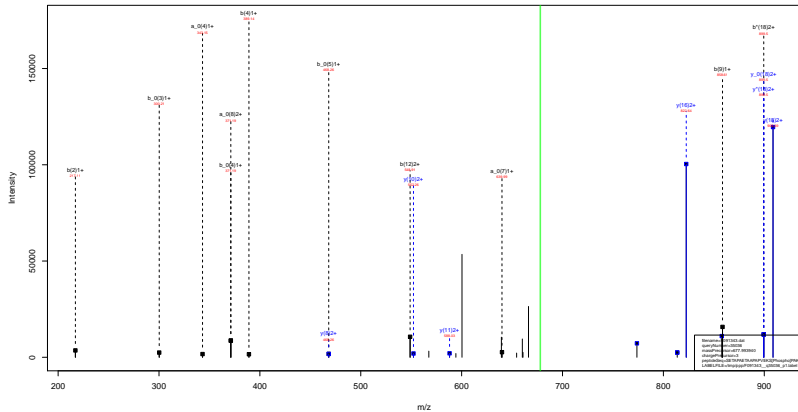
SETAPAETAAPAPVEKS^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=64.11
- ▶ F091343.dat
- ▶ query=q35035_p1
- ▶ precursor=1016.487000
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ²	a,2	b	b'	b,2	y	y'	y,2	AA
S1	160.064	0.000	40.026	36.026	0.000	0.000	244.160	244.160	244.160	244.160	S1
E2	139.070	0.000	171.670	171.670	0.000	0.000	191.011	194.470	192.920	232.561	E16
T13	290.130	0.000	272.130	118.130	0.000	0.000	365.115	183.880	1768.862	1797.876	T18
A4	363.172	0.000	343.181	389.187	0.000	0.000	371.156	374.861	1287.813	1398.811	A17
F15	438.225	0.000	448.214	408.219	0.000	0.000	603.233	1643.804	1626.771	1626.763	F16
A6	529.260	0.000	511.261	581.267	0.000	0.000	930.246	1346.791	1526.725	1538.741	A15
E7	558.268	0.000	548.269	588.269	0.000	0.000	648.288	1343.671	1458.888	1457.704	E14
T16	578.310	0.000	543.341	593.347	0.000	0.000	709.357	1248.612	1229.845	1338.860	T13
A9	636.366	0.000	613.370	658.384	0.000	0.000	840.373	1245.624	1228.587	1227.613	A12
A10	661.420	0.000	634.416	679.421	0.000	0.000	611.411	1176.587	1113.540	1156.576	A11
F11	668.479	0.000	662.480	612.474	0.000	0.000	1011.500	1103.588	1041.512	1085.539	F10
A12	693.533	0.000	691.525	1097.511	0.000	0.000	1079.500	1006.460	1089.470	988.488	A8
F13	1164.569	0.000	1148.558	1034.564	0.000	1178.561	935.460	918.451	917.449	F18	
V14	1205.637	0.000	1247.622	1293.632	0.000	1275.622	830.400	821.385	827.390	V17	
E15	1334.680	0.000	1376.666	1322.676	0.000	1408.684	738.339	722.312	741.328	E18	
K16	1522.719	1058.740	1504.704	1550.719	1533.743	1532.739	610.296	583.260	582.285	K13	
S17	1680.773	1812.740	1671.763	1717.768	1700.741	1699.737	482.201	468.170	464.130	S14	
F18	1788.826	1938.790	1768.810	1817.825	1780.804	1779.800	370.200	315.203	298.176	F19	
A19	1857.883	1840.830	1839.862	1881.868	1858.831	1857.827	245.150	261.113	0.000	A13	
K20	1885.938	1888.830	1887.847	1911.851	1888.838	1887.834	147.110	130.880	0.000	K11	

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS ^{Phospho}PAK
79.97



sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS ^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.38
- ▶ F091343.dat
- ▶ query=q35036_p1
- ▶ precursor=677.993940
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	aΔD	b	b'	bΔD	y	y'	yΔD	AA
E1	88.004	0.000	-4.890	88.010	0.000	0.000	2031.301	2034.191	2033.939	S20
E2	139.007	0.000	171.070	217.082	0.000	199.071	1044.932	1097.905	1045.921	E19
T3	190.010	0.000	147.130	190.120	0.000	300.119	1033.880	1178.862	1197.878	T18
K4	241.013	0.000	342.101	389.167	0.000	371.156	1734.888	1897.875	1898.814	A17
P5	292.016	0.000	430.212	492.213	0.000	468.209	1054.924	1025.977	1025.943	P16
A6	343.019	0.000	511.251	567.251	0.000	559.246	1046.931	1050.728	1028.741	A25
E7	394.022	0.000	640.254	696.250	0.000	688.239	1475.711	1458.689	1467.704	E14
T8	445.025	0.000	741.285	797.284	0.000	789.269	1366.663	1325.845	1328.869	T13
A9	496.028	0.000	832.310	858.304	0.000	840.293	1045.624	1128.597	1227.633	A22
A10	547.031	0.000	883.330	939.329	0.000	931.311	1174.590	1115.560	1126.576	A11
P11	598.034	0.000	980.400	1036.397	0.000	1028.381	1111.520	1088.521	1085.534	P10
A12	649.037	0.000	1027.421	1087.414	0.000	1079.392	1050.497	1069.474	1066.492	A8
P13	1146.069	0.000	1146.550	1104.564	0.000	1116.553	926.480	918.433	917.448	P18
V14	1245.637	0.000	1247.620	1263.632	0.000	1275.622	838.493	851.380	852.396	V19
E15	1344.660	0.000	1336.660	1422.678	0.000	1404.664	730.330	722.312	723.328	E11
R16	1532.715	0.000	1508.700	1508.700	1555.713	1552.706	631.280	543.268	592.285	R20
S17	1630.772	0.000	1617.767	1617.767	1600.781	1607.767	687.280	465.174	464.190	S16
P18	1730.820	0.000	1700.790	1700.820	1707.824	1708.810	513.280	508.170	507.000	P15
A19	1737.819	0.000	1737.819	1737.819	1737.819	1737.819	487.481	218.130	201.124	A20
R20	1805.958	0.000	1807.940	1803.953	1866.926	1869.942	147.113	133.080	0.000	R11

sp | P43276 | H15_MOUSE

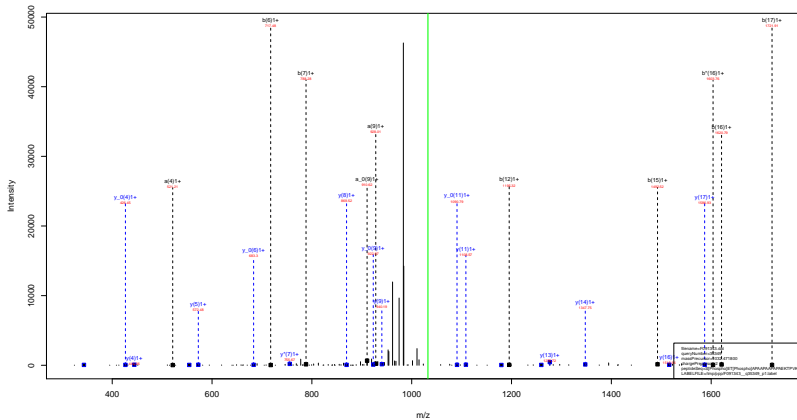
SETAPAETAAPAPVEKS ^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
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- ▶ F091343.dat
- ▶ query=q35036.p1
- ▶ precursor=677.993940
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
S[1]	30.526	0.504	21.021	44.023	0.504	35.518	1018.465	1007.972	1009.488	S[26]
E[2]	25.047	0.504	35.042	100.045	0.504	100.039	072.959	104.436	103.954	E[19]
T[3]	145.571	0.504	1.36.566	130.568	0.504	130.562	908.448	899.935	896.443	T[18]
A[4]	133.000	0.504	172.004	109.007	0.504	109.002	857.924	799.414	798.919	A[17]
P[5]	229.616	0.504	200.611	243.613	0.504	234.608	822.406	813.892	813.400	P[16]
A[6]	205.134	0.504	236.139	279.132	0.504	270.127	773.879	795.368	794.874	A[15]
E[7]	129.656	0.504	100.651	143.653	0.504	134.648	738.361	720.847	720.352	E[14]
T[8]	300.180	0.504	371.174	394.176	0.504	385.171	613.839	606.326	604.834	T[13]
A[9]	415.698	0.504	406.693	420.696	0.504	420.690	623.318	614.802	614.310	A[12]
A[10]	431.217	0.504	442.211	495.214	0.504	456.209	587.797	579.284	578.792	A[11]
F[11]	499.743	0.504	490.738	533.741	0.504	524.735	552.278	543.765	543.273	F[10]
A[12]	535.262	0.504	526.256	540.259	0.504	540.254	514.735	496.228	495.734	A[10]
P[13]	583.780	0.504	574.775	597.778	0.504	588.773	468.234	458.720	458.228	P[8]
V[14]	613.322	0.504	604.317	647.320	0.504	638.314	419.707	411.194	410.702	V[7]
E[15]	627.844	0.504	588.839	731.841	0.504	702.835	310.173	303.660	303.168	E[6]
K[16]	614.893	0.504	625.888	678.891	0.504	679.885	305.652	297.139	296.646	K[9]
S[17]	645.389	0.504	636.384	659.386	0.504	659.380	243.604	235.091	234.599	S[5]
P[18]	683.917	0.504	674.912	697.914	699.401	699.395	158.105	149.592	149.094	P[3]
A[19]	624.431	0.504	624.426	643.428	0.504	643.422	109.579	101.066	100.574	A[8]
K[20]	663.453	0.504	664.447	1007.450	0.504	1007.444	74.560	65.047	64.554	K[1]

sp | P43274 | H14_MOUSE

S^{Phospho} ET^{Phospho} APAAPAAPAPAEKTPVK
79.97 79.97



sp | P43274 | H14_MOUSE

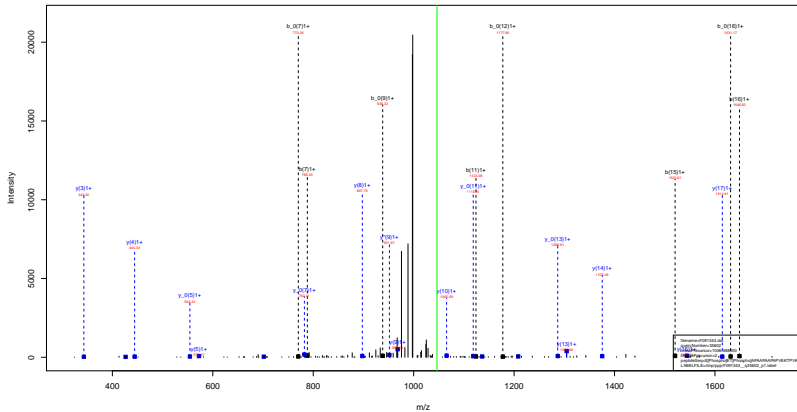
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.12
- ▶ F091343.dat
- ▶ query=q35349_p1
- ▶ precursor=1032.471800
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
S[1]	1261.033	0.000	122.030	1388.060	0.000	140.000	2463.093	2349.063	2349.064	S[2]
S[2]	1261.033	0.000	204.041	1390.074	0.000	170.020	1899.954	1819.940	1819.938	T[16]
T[1]	950.089	0.000	4.321051	476.062	0.000	480.000	1767.090	1770.078	1749.084	T[18]
A[4]	571.104	0.000	503.094	546.090	0.000	531.080	1588.090	1589.084	1588.080	A[17]
T[3]	1311.055	0.000	608.147	1469.113	0.000	620.140	1513.053	1469.028	1467.042	P[10]
A[6]	889.184	0.000	675.084	717.089	0.000	690.170	1418.080	1401.774	1400.792	A[25]
A[7]	1302.111	0.000	742.121	788.276	0.000	770.210	1347.783	1339.753	1329.753	A[14]
P[8]	889.040	0.000	839.044	1020.070	0.000	889.200	1278.735	1259.699	1269.749	P[13]
A[9]	928.321	0.000	910.311	956.316	0.000	938.320	1178.673	1162.941	1161.663	A[12]
A[20]	889.300	0.000	889.348	1027.013	0.000	1000.300	1108.636	1099.319	1090.626	A[11]
A[12]	1091.414	0.000	1178.461	1274.466	0.000	1285.500	1090.300	1084.572	1079.588	P[16]
A[15]	1157.440	0.000	1149.438	1193.443	0.000	1177.430	940.546	925.525	922.536	A[18]
P[15]	1184.400	0.000	1148.400	1282.400	0.000	1274.400	860.509	854.481	851.499	P[19]
A[14]	1195.518	0.000	1157.508	1215.513	0.000	1245.520	772.490	755.430	748.440	A[17]
T[12]	1254.400	0.000	1248.400	1292.576	0.000	1274.500	689.410	684.391	681.409	T[6]
K[16]	1362.010	1.076.040	1074.005	1020.071	1003.044	1000.000	572.377	568.393	554.368	K[10]
T[17]	1093.723	1.076.087	1078.713	1071.718	1074.000	1103.700	444.382	447.200	436.271	T[4]
T[18]	1190.445	1.179.750	1172.704	1166.717	1001.740	1000.700	343.234	334.200	334.200	P[8]
V[10]	1009.040	1.072.831	1007.034	1011.040	1000.010	1000.020	226.100	226.100	0.000	V[2]
K[20]	1317.040	1.000.010	1009.029	1048.014	1003.000	1007.020	147.111	130.000	0.000	K[1]

sp | P43277 | H13_MOUSE

S^{Phospho} ET^{Phospho} APAAPAAPAPVEKTPVK
79.97 79.97



sp | P43277 | H13_MOUSE

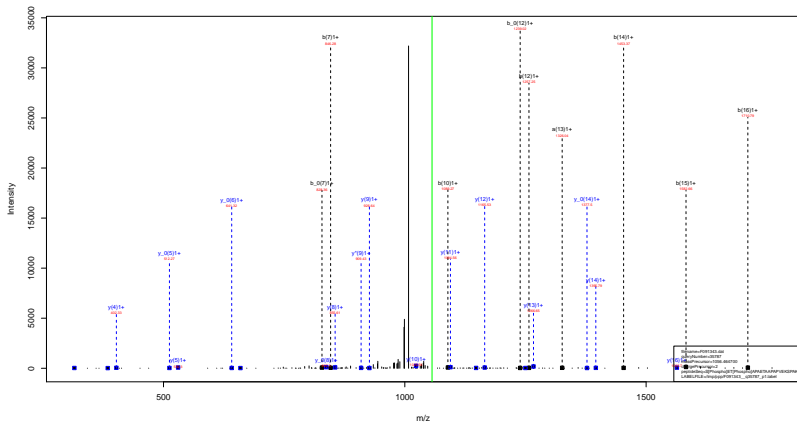
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPVEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=55.02
- ▶ F091343.dat
- ▶ query=q35602_p1
- ▶ precursor=1046.488900
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a,2	b	b'	b,2	y	y'	y,2	AA
S1	140.051	0.000	122.050	268.050	0.000	149.050	208.050	207.050	207.050	S20
E2	150.053	0.000	213.053	363.053	0.000	219.053	124.053	120.053	120.053	E19
T3	150.050	0.000	433.051	478.052	0.000	460.052	176.050	177.050	177.050	T18
A4	151.104	0.000	303.094	549.099	0.000	331.093	1614.921	1367.899	1369.911	A17
F5	151.107	0.000	600.147	646.152	0.000	628.152	1543.504	1526.899	1526.899	F16
A6	169.104	0.000	397.104	717.104	0.000	399.119	1430.101	1429.800	1428.901	A15
A7	169.103	0.000	742.201	788.226	0.000	770.216	1375.794	1358.789	1357.789	A14
F8	187.104	0.000	338.204	658.204	0.000	341.203	1304.737	1287.733	1286.747	F15
A9	196.101	0.000	910.311	956.310	0.000	938.306	1207.705	1190.676	1189.684	A13
A10	196.100	0.000	383.200	703.200	0.000	385.201	1136.667	1119.643	1118.657	A12
F11	196.101	0.000	1018.411	1064.410	0.000	1021.410	1065.638	1048.634	1047.634	F10
A12	197.140	0.000	1149.430	1124.406	0.000	1177.433	958.578	951.551	950.567	A11
F13	198.100	0.000	324.400	644.400	0.000	327.401	897.540	880.514	879.510	F12
V14	199.109	0.000	249.109	569.109	0.000	252.104	800.000	783.461	782.477	V17
E15	199.110	0.000	1174.600	1520.607	0.000	1202.600	781.419	764.389	763.389	E16
K16	199.107	1000.000	1060.606	1648.707	1000.000	1630.691	572.377	565.360	554.366	K19
T17	197.120	1104.720	1103.744	1149.750	1132.723	1151.730	444.262	437.250	426.271	T16
F18	198.100	1000.100	1000.700	1046.800	1029.675	1000.900	343.234	336.200	335.200	F18
V19	197.100	1000.000	1041.871	1028.844	1027.800	1000.000	246.101	245.101	0.000	V12
K20	194.101	1000.000	1000.000	1000.000	1000.000	1000.000	147.110	130.000	0.000	K13

sp | P43276 | H15_MOUSE

S^{Phospho} ET^{Phospho} APAETAAPAPVEKSPAK
79.97 79.97



sp | P43276 | H15_MOUSE

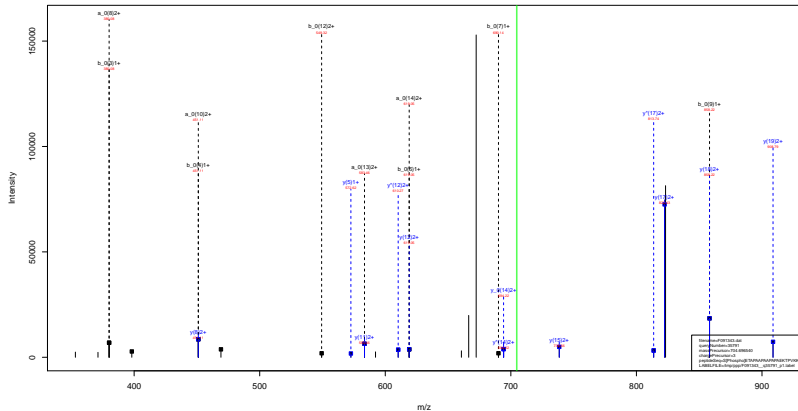
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEKSPA K

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.68
- ▶ F091343.dat
- ▶ query=q35787_p1
- ▶ precursor=1056.464700
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a,2'	b	b'	b,2'	y	y'	y,2'	AA
S1	1481.611	0.000	122.000	188.000	0.000	149.000	2111.930	2094.930	2093.930	S20
T2	1390.913	0.000	793.143	297.043	0.000	279.000	1344.930	1627.930	1326.930	T18
T13	430.967	0.000	434.967	436.967	0.000	460.967	1819.960	1798.960	1797.960	T18
A4	611.034	0.000	503.034	540.030	0.000	551.030	1254.930	1617.940	1618.940	A17
T15	616.157	0.000	608.147	606.953	0.000	628.947	1563.630	1544.911	1545.937	T16
A6	388.134	0.000	375.134	377.080	0.000	389.110	1455.930	1448.930	1448.930	A20
E7	618.977	0.000	389.920	946.232	0.000	628.221	1395.740	1319.720	1377.737	E14
T18	399.989	0.000	389.979	389.989	0.000	401.989	1506.700	1476.970	1476.980	T19
A9	390.322	0.000	392.311	393.917	0.000	399.330	1165.650	1148.930	1147.847	A12
A10	393.498	0.000	1143.790	1089.354	0.000	1097.390	1094.620	1077.930	1078.910	A13
P11	1220.414	0.000	1148.403	1188.400	0.000	1188.400	1024.580	1004.930	1005.910	P10
A12	1220.449	0.000	1213.430	1257.444	0.000	1239.433	655.531	605.504	605.520	A11
P13	1326.501	0.000	1328.490	1329.480	0.000	1330.480	855.493	838.940	837.863	P12
V14	1424.930	0.000	1407.920	1353.505	0.000	1407.920	744.930	742.414	742.414	V17
D15	1714.914	0.000	1329.900	1382.607	0.000	1329.900	659.372	650.360	641.362	D16
K16	1661.907	1061.891	1064.901	1748.762	1064.900	1065.890	536.130	518.901	517.319	K15
S17	1769.730	1762.713	1763.720	1767.734	1766.720	1769.724	402.235	389.700	384.224	S14
P18	1866.910	1869.900	1868.910	1869.910	1867.900	1867.910	315.203	298.910	298.910	P19
A19	1637.830	1630.800	1631.810	1630.824	1634.760	1647.814	310.911	301.121	300.910	A18
K20	1687.624	1688.600	1687.614	1689.610	1686.600	1686.600	147.111	130.600	130.610	K11

sp | P43274 | H14_MOUSE

S^{Phospho} ETAPAAPAAPAPAEKTPVKK
79.97



sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.18
- ▶ F091343.dat
- ▶ query=q35791_p1
- ▶ precursor=704.696540
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S[1]	140.031	0.000	122.000	168.000	0.000	149.000	2112.070	2006.047	2004.061	S[2]
E[1]	138.053	0.000	251.043	220.000	0.000	210.000	1945.051	1920.040	1917.005	E[2]
T[5]	170.011	0.000	180.000	748.006	0.000	201.000	1838.031	1799.000	1786.022	T[6]
A[4]	141.136	0.000	423.120	468.133	0.000	451.122	1714.950	1697.958	1686.974	A[5]
P[5]	130.031	0.000	130.180	166.180	0.000	169.173	1643.040	1626.923	1625.917	P[12]
A[6]	169.228	0.000	160.217	167.213	0.000	618.212	1526.800	1520.800	1520.800	A[16]
A[7]	160.200	0.000	160.200	160.200	0.000	600.200	1476.810	1476.810	1467.811	A[15]
P[8]	177.318	0.000	170.301	165.313	0.000	167.303	1404.821	1367.794	1368.810	P[14]
A[9]	146.152	0.000	130.140	170.150	0.000	858.139	1307.760	1250.742	1260.718	A[13]
A[10]	119.104	0.000	160.100	161.101	0.000	162.101	1238.710	1219.700	1218.700	A[12]
P[11]	1310.949	0.000	100.430	1044.440	0.000	1020.420	1100.691	1148.687	1147.683	P[11]
A[12]	100.402	0.000	100.411	1115.411	0.000	100.400	1068.641	1051.613	1050.611	A[10]
P[13]	1184.535	0.000	1180.524	1212.530	0.000	1184.510	987.604	988.572	979.593	P[13]
A[14]	1205.872	0.000	1212.861	1205.861	0.000	1205.860	900.760	889.720	882.741	A[14]
E[2]	1184.614	0.000	1186.604	1411.600	0.000	1384.590	820.514	812.488	811.504	E[7]
K[16]	1112.100	1400.000	1148.000	1140.100	1261.010	1102.010	810.490	813.440	802.411	K[6]
T[7]	1112.117	1400.000	1148.100	1141.100	1261.100	1102.100	572.317	569.700	564.680	T[8]
P[10]	1110.010	1000.010	1050.100	1120.000	1121.000	1120.010	471.930	454.300	0.000	P[4]
V[16]	100.010	1100.000	1100.000	101.010	100.000	101.010	374.200	361.200	0.000	V[6]
K[20]	1017.073	1020.047	1010.063	1005.068	1048.042	1047.035	275.200	268.181	0.000	K[5]
K[21]	1006.058	1048.042	1048.000	1004.063	1017.037	1016.053	147.110	430.000	0.000	K[1]

sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=46.18
- ▶ F091343.dat
- ▶ query=q35791_p1
- ▶ precursor=704.696540
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a.0	b	b*	b.0	y	y*	y.0	AA
S[1]	80.609	0.504	81.509	84.509	0.504	79.510	309.540	1040.070	1047.531	S[2]
E[2]	11.30.700	0.504	120.050	144.020	0.504	140.020	97.150	964.520	1047.020	E[3]
T[3]	110.054	0.504	120.040	109.760	0.504	109.760	904.520	969.070	1047.020	T[4]
A[4]	211.019	0.504	212.000	225.000	0.504	225.000	857.000	949.481	1046.981	A[5]
P[5]	260.000	0.504	260.000	263.000	0.504	263.000	822.470	813.964	813.472	P[17]
A[6]	300.110	0.504	300.112	304.112	0.504	304.110	711.011	708.430	704.040	A[16]
A[7]	340.000	0.504	331.011	304.014	0.504	303.000	710.431	729.010	729.010	A[15]
P[8]	380.101	0.504	380.157	403.100	0.504	394.100	702.014	694.401	693.909	P[14]
A[9]	424.001	0.504	411.011	430.010	0.504	429.010	610.010	608.000	608.000	A[13]
A[10]	460.000	0.504	461.194	474.000	0.504	469.000	610.000	610.350	609.364	A[12]
P[11]	500.000	0.504	499.010	525.014	0.504	511.010	583.351	583.351	583.351	P[11]
A[12]	544.000	0.504	530.000	558.000	0.504	540.237	538.004	538.011	525.010	A[10]
P[13]	582.011	0.504	583.766	606.000	0.504	597.000	499.000	499.792	499.300	P[16]
A[14]	620.000	0.504	613.204	642.000	0.504	633.000	493.739	442.000	441.714	A[8]
E[5]	660.011	0.504	650.000	668.000	0.504	667.000	415.000	408.747	408.250	E[7]
K[16]	710.000	1.008	717.000	710.000	1.008	712.000	361.000	362.700	342.200	K[6]
T[17]	807.000	1.008	811.000	811.000	1.008	812.000	212.000	210.000	210.000	T[8]
P[18]	850.000	1.008	849.000	850.000	1.008	850.000	230.000	227.000	227.000	P[4]
V[19]	890.000	1.008	886.000	890.000	1.008	890.000	187.000	187.000	178.000	V[5]
K[20]	940.000	1.008	940.000	940.000	1.008	940.000	130.000	130.000	130.000	K[5]
K[21]	1010.000	1.008	1010.000	1010.000	1.008	1010.000	74.000	69.000	69.000	K[3]

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKK_{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.26
- ▶ F091343.dat
- ▶ query=q36231_p1
- ▶ precursor=720.691490
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S[1]	86.844	0.000	42.034	89.070	0.000	70.000	2030.050	2043.070	2143.048	S[2]
E[1]	118.187	0.000	171.050	717.082	0.000	200.000	2073.020	2096.000	2003.018	E[2]
T[1]	109.734	0.000	203.120	718.130	0.000	206.110	1984.990	1998.990	2002.972	T[2]
A[1]	251.512	0.000	343.181	385.167	0.000	371.156	1852.930	1825.930	1824.928	A[2]
P[1]	436.470	0.000	440.734	466.710	0.000	469.200	1771.890	1754.872	1753.880	P[2]
A[1]	626.262	0.000	541.951	587.267	0.000	607.200	1674.840	1667.820	1668.816	A[2]
E[1]	438.304	0.000	440.260	466.260	0.000	468.200	1653.830	1636.770	1635.768	E[2]
T[1]	156.352	0.000	141.551	167.347	0.000	169.330	1474.770	1457.740	1466.736	T[2]
A[1]	130.380	0.000	122.150	158.364	0.000	160.320	1371.720	1356.692	1365.708	A[2]
A[1]	892.426	0.000	881.431	926.423	0.000	912.411	1301.680	1286.659	1284.671	A[2]
P[1]	1068.919	0.000	1060.480	1020.474	0.000	1006.463	1231.640	1214.635	1213.634	P[2]
A[1]	1096.616	0.000	1081.505	1067.511	0.000	1079.500	1138.590	1111.569	1110.581	A[2]
P[1]	1146.569	0.000	1140.550	1104.564	0.000	1176.553	1063.520	1046.520	1045.544	P[2]
V[1]	1285.837	0.000	1245.820	1239.835	0.000	1219.820	966.500	949.475	948.491	V[2]
E[1]	1194.680	0.000	1176.680	1142.675	0.000	1164.664	897.434	880.407	884.421	E[2]
R[1]	1122.773	1000.700	1108.760	1100.770	1000.743	1002.700	718.301	721.304	720.300	R[2]
S[1]	1099.113	897.147	1071.760	1177.169	1104.174	1099.117	611.206	581.209	582.200	S[2]
P[1]	1178.626	1166.790	1160.810	1114.821	1107.794	1106.810	443.200	426.201	0.000	P[2]
A[1]	1037.683	1040.639	1030.650	1000.664	1000.611	1007.607	346.240	329.213	0.000	A[2]
R[2]	1045.958	1048.911	1047.947	1013.953	1006.926	1005.923	276.200	268.181	0.000	R[3]
R[2]	1114.053	1097.050	1096.040	1142.048	1135.011	1134.010	147.110	130.080	0.000	R[3]

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKK 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=46.26
- ▶ F091343.dat
- ▶ query=q36231_p1
- ▶ precursor=720.691490
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a.β	b	b'	b.β	y	y'	y.β	AA
S[1]	86.6267	0.504	21.521	44.921	0.504	35.518	1060.535	1072.035	1077.535	S[2]
E[2]	85.947	0.504	80.047	100.047	0.504	100.039	2072.072	2075.947	2080.072	E[3]
T[3]	148.911	0.504	138.909	139.909	0.504	139.913	971.406	983.362	983.406	T[4]
A[4]	131.090	0.504	172.090	195.087	0.504	195.081	921.972	933.928	934.000	A[5]
P[5]	270.616	0.504	230.611	243.613	0.504	234.609	886.451	877.346	877.448	P[12]
A[6]	266.134	0.504	256.129	270.132	0.504	270.127	837.927	856.412	856.921	A[16]
E[7]	179.056	0.504	169.053	141.053	0.504	154.048	802.408	793.009	793.009	E[13]
T[8]	186.180	0.504	371.174	384.177	0.504	385.172	717.897	726.374	726.883	T[14]
A[9]	112.898	0.504	486.893	429.898	0.504	429.898	667.363	676.370	676.370	A[13]
A[10]	412.117	0.504	442.111	466.114	0.504	466.109	641.843	643.331	642.839	A[17]
P[11]	398.743	0.504	480.739	513.743	0.504	504.735	616.313	607.813	607.813	P[11]
A[12]	530.282	0.504	536.280	549.281	0.504	549.274	567.808	559.308	559.308	A[10]
P[13]	583.788	0.504	574.783	587.783	0.504	588.788	532.282	523.788	523.776	P[6]
V[14]	433.272	0.504	424.269	447.270	0.504	447.264	483.769	475.264	474.769	V[8]
E[15]	597.844	0.504	688.838	711.841	0.504	702.836	434.232	425.732	425.232	E[7]
K[16]	171.881	0.504	162.878	175.880	0.504	175.873	406.881	398.380	398.380	K[6]
S[17]	146.766	0.504	137.763	150.765	0.504	150.759	388.766	381.265	380.764	S[7]
P[18]	339.917	0.504	330.913	343.914	0.504	343.908	222.152	213.652	213.652	P[4]
A[19]	630.430	0.504	621.427	634.429	0.504	634.422	178.430	169.929	169.428	A[8]
K[20]	593.483	0.504	584.479	597.481	0.504	597.475	136.133	127.634	127.133	K[5]
K[21]	1079.638	0.504	1070.635	1083.637	0.504	1083.631	93.638	85.137	84.637	K[1]

sp | Q9QZQ8-1 | H2AY_MOUSE

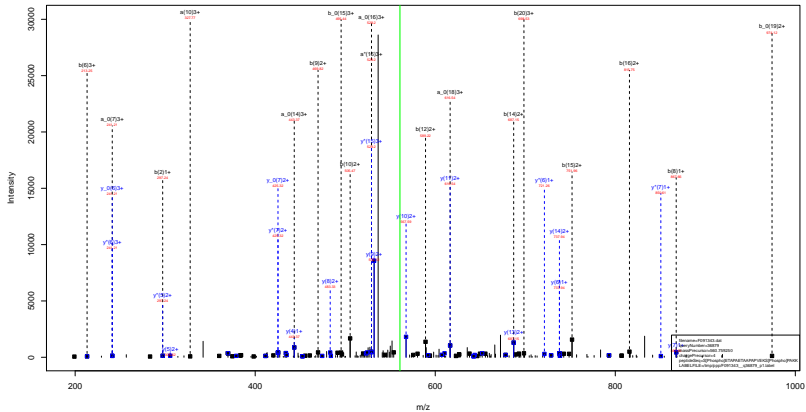
AASADSTTEGT^{Phospho}PTDGFTVLSTK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=48.04
- ▶ F091343.dat
- ▶ query=q36854.p1
- ▶ precursor=1118.994800
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a,β	b	b'	b,β	y	y'	y,β	AA
A1	44.000	0.000	0.000	72.044	0.000	0.000	22.000	22.000	22.000	A22
A2	133.007	0.000	0.000	143.004	0.000	0.000	240.000	240.000	240.000	A20
S3	600.410	0.000	1.000	230.144	0.000	214.100	2004.000	2007.000	2007.000	S20
A4	273.250	0.000	200.140	301.151	0.000	383.140	2007.000	1.000	1.000	A10
D5	308.105	0.000	370.172	416.170	0.000	300.100	330.042	330.042	330.042	D30
S6	470.270	0.000	487.266	503.260	0.000	400.100	1813.000	1804.700	1803.200	S27
T1	376.200	0.000	300.200	304.202	0.000	300.200	1734.700	1737.700	1737.700	T10
T10	377.200	0.000	300.200	700.200	0.000	687.204	1633.726	1633.700	1633.700	T10
T16	300.200	0.000	300.200	454.248	0.000	810.237	1633.700	1633.700	1634.077	T14
G10	303.174	0.000	300.200	801.369	0.000	313.200	1401.645	1388.033	1385.035	G15
T11	304.200	0.000	300.200	307.200	0.000	304.200	1160.624	1150.600	1150.613	T12
F14	341.414	0.000	344.410	339.410	0.000	341.414	1165.610	1140.500	1147.500	F11
T12	1262.400	0.000	1224.470	1170.400	0.000	1252.473	960.500	950.500	950.500	T10
G14	1307.510	0.000	1310.500	1100.510	0.000	1367.500	967.500	950.483	949.400	G10
G15	1414.537	0.000	1360.520	1442.532	0.000	1424.520	852.483	830.450	834.472	G10
F16	1303.600	0.000	1344.500	1300.600	0.000	1311.500	781.461	770.430	770.430	F17
T17	1302.600	0.000	1344.643	1300.640	0.000	1302.600	640.393	631.360	630.381	T10
V18	1301.700	0.000	1343.711	1300.710	0.000	1317.700	547.345	530.310	520.310	V10
T19	1304.800	0.000	1300.700	1302.800	0.000	1304.700	440.271	431.260	430.260	T14
S20	1301.800	0.000	1343.807	1300.800	0.000	1071.822	335.193	310.180	317.182	S10
T21	1302.800	0.000	1344.870	1300.800	0.000	1072.800	240.100	231.100	230.100	T10
K22	1300.800	217.800	1217.800	1218.870	200.800	200.800	147.110	130.000	130.000	K10

sp | P43276 | H15_MOUSE

S^{Phospho} 79.97 ETAPAETAAPAPVEKS ^{Phospho} 79.97 PAKK



sp | P43276 | H15_MOUSE

S^{Phospho}_{79.97} ETAPAETAAPAPVEKS ^{Phospho} PAKK_{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.95
- ▶ F091343.dat
- ▶ query=q36879_p1
- ▶ precursor=560.759250
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S[1]	1401.011	0.000	122.000	389.000	0.000	149.000	2040.000	2222.014		S[2]
E[2]	1097.053	0.000	251.043	797.048	0.000	379.038	2073.038	2056.000	2035.016	E[3]
T[5]	378.181	0.000	181.000	398.000	0.000	380.000	1945.000	1926.000	2020.017	T[6]
A[4]	374.176	0.000	423.126		0.000	451.122	1852.000	1825.000	1824.026	A[5]
P[5]	630.091	0.000	520.180	566.180	0.000	569.175	1771.000	1754.072	1753.000	P[12]
A[6]	600.048	0.000	580.217	607.217	0.000	612.212	1674.000	1657.000	1656.036	A[16]
E[7]	738.271	0.000	720.260	766.260	0.000	748.255	1603.000	1586.000	1585.000	E[13]
T[8]	630.018	0.000	621.000	867.313	0.000	869.313	1474.000	1457.000	1456.036	T[14]
A[9]	612.052	0.000	592.140	638.140	0.000	633.140	1371.000	1356.000	1355.000	A[15]
A[10]	600.004	0.000	581.000	629.000	0.000	612.000	1301.000	1286.000	1284.017	A[17]
P[11]	1078.949	0.000	1060.450	1105.440	0.000	1099.430	1231.000	1214.000	1213.034	P[11]
A[12]	1140.402	0.000	1131.432	1177.432	0.000	1169.407	1138.000	1117.000	1116.001	A[10]
P[13]	1246.535	0.000	1226.525	1274.530	0.000	1256.518	1063.000	1046.000	1045.544	P[16]
V[4]	1348.004	0.000	1327.000	1373.000	0.000	1355.000	969.000	949.000	948.001	V[8]
E[15]	1474.846	0.000	1456.830	1502.841	0.000	1484.830	867.434	850.407	849.421	E[7]
R[16]	1602.741	0.000	1585.730	1631.730	0.000	1613.710	817.000	738.301	721.364	R[20]
S[17]	1709.739	0.000	1701.729	1747.730	0.000	1739.714		611.206	592.265	S[17]
P[18]	1808.702	0.000	1800.690	1846.701	0.000	1837.683		411.200	420.211	P[14]
A[19]	1837.620	0.000	1819.610	1865.624	0.000	1846.600	1067.000	1046.000	1045.000	A[15]
R[20]	2085.624	0.000	2047.614	2093.619	0.000	2075.599	275.000	268.000	267.000	R[25]
R[21]	2194.619	0.000	2176.609	2222.614	0.000	2204.594	147.000	139.000	138.000	R[21]

sp | P43276 | H15_MOUSE

S^{Phospho}_{79.97} ETAPAETAAPAPVEKS ^{Phospho} PAKK_{79.97}

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=38.95
- ▶ F091343.dat
- ▶ query=q36879_p1
- ▶ precursor=560.759250
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S(1)	86.569	0.569	81.559	84.569	0.564	79.521	117.039	112.039	111.511	S(2)
E(2)	11.35.570	0.570	120.050	120.050	0.564	140.022	1037.017	1028.504	1102.512	E(3)
T(3)	110.054	0.564	120.540	198.552	0.564	100.548	101.548	100.500	100.000	T(4)
A(4)	211.013	0.564	212.000	283.567	0.564	220.185	921.972	915.458	1012.968	A(5)
P(5)	260.599	0.564	260.599	283.567	0.564	274.201	680.451	377.940	407.440	P(12)
A(6)	300.118	0.564	290.112	310.112	0.564	301.112	837.027	808.411	1000.027	A(16)
E(7)	369.639	0.564	369.639	401.636	0.564	374.631	602.619	793.609	728.403	E(13)
T(8)	420.163	0.564	411.157	434.160	0.564	425.155	737.807	728.374	728.403	T(14)
A(9)	455.681	0.564	440.670	460.679	0.564	466.673	687.363	678.358	678.358	A(13)
A(10)	491.200	0.564	481.200	506.197	0.564	496.192	661.845	643.331	642.859	A(17)
P(11)	530.739	0.564	530.721	553.724	0.564	544.712	616.326	1007.011	600.321	P(11)
A(12)	575.245	0.564	560.740	580.242	0.564	580.237	567.800	569.288	560.784	A(10)
P(13)	622.771	0.564	614.760	637.769	0.564	629.253	512.781	523.768	523.276	P(16)
V(14)	678.309	0.564	668.300	689.303	0.564	678.298	481.765	479.255	674.749	V(8)
E(15)	737.827	0.564	728.821	751.824	0.564	742.819	414.220	425.707	425.215	E(7)
P(16)	811.074	793.361	792.860	815.872	807.358	806.866	369.890	369.890	369.890	P(16)
S(17)	860.013	870.000	870.000	880.017	880.000	880.000	890.012	306.851	291.130	S(17)
P(18)	933.000	925.380	924.820	947.007	939.384	933.202	922.132	213.639	0.564	P(14)
A(19)	980.410	980.000	980.410	983.416	974.962	974.410	114.626	108.111	0.564	A(8)
K(20)	1033.466	1024.053	1024.481	1047.463	1038.050	1038.455	130.130	120.594	0.564	K(2)
K(21)	1089.013	1080.000	1080.000	1111.013	1102.000	1102.000	14.000	40.541	0.564	K(3)

sp | P43276 | H15_MOUSE

S^{Phospho}_{79.97} ETAPAETAAPAPVEKS ^{Phospho}PAKK_{79.97}

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=38.95
- ▶ F091343.dat
- ▶ query=q36879_p1
- ▶ precursor=560.759250
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
S[1]	41.342	0.672	41.338	36.873	0.672	36.880	147.140	141.071	141.343	S[21]
E[3]	36.956	0.672	36.952	39.680	0.672	39.684	460.640	456.955	457.977	E[5]
T[3]	134.019	0.672	133.870	133.972	0.672	137.307	456.660	642.901	642.663	T[10]
A[4]	147.718	0.672	141.714	157.040	0.672	151.046	614.900	609.309	608.980	A[16]
P[5]	130.068	0.672	124.063	149.040	0.672	143.307	591.100	585.620	585.301	P[17]
A[5]	203.748	0.672	200.744	213.079	0.672	207.074	596.900	592.214	592.944	A[16]
E[7]	246.192	0.672	240.758	250.103	0.672	250.000	535.270	529.599	529.271	E[15]
T[8]	380.444	0.672	274.441	289.770	0.672	283.772	492.240	486.585	486.251	T[14]
A[9]	389.223	0.672	288.120	313.450	0.672	307.451	488.530	452.902	452.574	A[15]
A[10]	327.802	0.672	321.769	331.138	0.672	331.000	424.409	424.224	424.899	A[12]
P[11]	308.153	0.672	304.150	309.485	0.672	303.481	411.230	405.544	405.216	P[11]
A[12]	383.832	0.672	377.829	381.344	0.672	381.180	378.660	373.193	372.865	A[10]
P[13]	416.181	0.672	410.180	425.515	0.672	419.511	395.190	349.514	349.186	P[13]
V[14]	449.208	0.672	443.203	458.538	0.672	452.534	320.830	311.183	310.835	V[18]
E[15]	492.220	0.672	486.217	501.562	0.672	495.548	269.810	264.141	263.813	E[17]
K[16]	534.919	529.243	528.915	544.250	0.672	538.246	146.000	241.126	240.798	K[16]
S[17]	599.685	594.658	594.591	599.910	594.241	593.913	204.104	198.426	198.100	S[15]
P[18]	622.936	617.908	616.932	622.269	616.592	616.264	148.430	142.755	142.431	P[14]
A[19]	646.615	640.939	640.611	655.946	650.271	649.943	115.080	110.411	110.172	A[13]
P[20]	609.313	603.637	603.309	608.645	602.969	602.641	92.400	89.712	89.472	P[12]
K[21]	732.011	726.335	726.008	741.343	735.667	735.339	49.700	44.014	43.772	K[11]

sp | P43274 | H14_MOUSE

SETAPAAPAAPAEKT^{Phospho} PVKKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=35.68
- ▶ F091343.dat
- ▶ query=q36886.p1
- ▶ precursor=560.797670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	r	r*	r ₀	AA	
S1	80.044	0.000	82.034	85.039	0.000	70.029	2940.180	2223.143	2222.138	S20	
E2	109.087	0.000	110.000	117.063	0.000	109.041	2535.131	61.96.120	61.96.126	E20	
T3	200.130	0.000	212.124	215.119	0.000	300.119	2024.094	2007.083	2008.083	T20	
A4	281.172	0.000	283.161	289.147	0.000	371.156	1623.040	1606.029	1603.038	A10	
P5	356.224	0.000	440.214	449.212	0.000	356.224	2021.000	62.96.061	62.96.061	P10	
A6	529.262	0.000	531.251	557.257	0.000	539.246	1934.950	1937.930	1938.948	A17	
A7	600.260	0.000	582.260	638.294	0.000	616.283	1683.939	1666.933	1665.926	A16	
P8	667.302	0.000	670.341	725.346	0.000	667.302	1812.882	1509.859	1504.872	P15	
A9	716.304	0.000	700.300	706.308	0.000	718.313	1333.800	1448.800	1449.819	A14	
A10	830.426	0.000	821.432	867.421	0.000	869.410	1444.762	1427.760	1426.762	A13	
P11	938.478	0.000	938.460	964.471	0.000	960.463	1118.150	1109.129	1105.145	P12	
A12	1007.514	0.000	989.500	1009.511	0.000	1017.504	1218.160	1209.876	1208.884	A11	
P13	1104.528	0.000	1090.520	1132.503	0.000	1114.503	1200.800	1109.830	1107.830	P10	
A14	1135.606	0.000	1157.600	1203.600	0.000	1185.599	1108.611	1091.588	1090.602	A10	
E15	1304.648	0.000	1280.630	1332.643	0.000	1314.632	1037.525	1020.549	1019.565	E10	
T16	1432.693	0.000	1418.670	1460.678	0.000	1448.671	1042.670	1001.631	1000.608	T10	
T17	1513.757	0.000	1505.742	1545.762	0.000	1523.741	1004.638	963.411	962.427	T16	
P18	1710.810	0.000	1697.790	1739.803	0.000	1721.778	1101.604	1097.634	1096.609	P10	
V19	1800.816	0.000	1782.802	1792.800	0.000	1807.807	1020.647	1019.603	502.371	1488.340	V10
K20	1917.874	0.000	1910.861	1920.864	0.000	1944.864	1067.608	1061.601	1060.276	K10	
K21	2068.968	0.000	2048.950	2094.963	0.000	2077.937	1076.603	1076.200	1076.183	K10	
K22	2134.983	0.000	2117.970	2122.978	0.000	2138.979	147.113	130.000	0.000	K10	

sp | P43274 | H14_MOUSE

SETAPAAPAAPAPAEKT^{Phospho} PVKKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=35.68
- ▶ F091343.dat
- ▶ query=q36886_p1
- ▶ precursor=560.797670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	r	y*	y β	AA
S(1)	30.626	0.504	21.521	44.523	0.504	35.518	1120.580	1112.079	1111.583	S(2)
E(2)	35.397	0.504	60.049	109.044	0.504	130.048	1070.579	1069.578	1068.578	E(3)
T(3)	149.571	0.504	136.569	199.565	0.504	150.563	1012.551	1004.031	1003.545	T(20)
A(4)	131.080	0.504	127.080	139.081	0.504	109.082	892.549	893.534	893.022	A(19)
P(5)	229.616	0.504	228.611	243.613	0.504	234.614	826.508	817.999	812.029	P(16)
A(6)	205.134	0.504	206.132	219.132	0.504	210.127	817.502	809.495	808.777	A(17)
A(7)	340.651	0.504	291.649	314.650	0.504	305.648	842.483	833.963	831.438	A(16)
P(8)	349.179	0.504	340.174	363.177	0.504	354.172	806.945	798.431	797.939	P(15)
A(9)	354.869	0.504	339.866	398.865	0.504	388.860	735.418	749.909	749.413	A(14)
A(10)	420.217	0.504	411.211	434.214	0.504	425.209	722.900	714.387	713.895	A(13)
P(11)	468.373	0.504	459.370	482.374	0.504	477.370	687.381	679.869	678.378	P(12)
A(12)	454.161	0.504	449.158	464.160	0.504	460.154	638.853	632.342	632.000	A(11)
P(13)	552.708	0.504	543.701	566.703	0.504	557.698	601.130	599.621	599.131	P(10)
A(14)	548.306	0.504	539.301	562.304	0.504	561.299	554.839	548.291	545.805	A(10)
E(15)	652.828	0.504	643.822	666.825	0.504	657.820	519.261	510.750	510.260	E(8)
T(16)	719.679	0.504	709.673	732.677	0.504	722.669	451.681	448.131	448.639	T(9)
T(17)	807.382	0.504	796.376	821.380	0.504	812.374	391.121	382.265	381.717	T(8)
P(18)	874.609	0.504	866.601	889.604	0.504	881.601	300.216	293.702	293.047	P(6)
V(19)	895.443	0.504	886.437	909.440	0.504	901.435	241.004	242.178	242.004	V(4)
K(20)	899.409	0.504	890.402	913.405	0.504	904.401	194.462	202.159	193.842	K(3)
R(21)	1333.638	0.504	1324.632	1347.635	0.504	1338.632	1038.539	1030.109	1029.544	R(2)
K(22)	1097.585	0.504	1088.579	1111.583	0.504	1103.577	1102.577	74.000	85.547	K(1)

sp | P43274 | H14_MOUSE

SETAPAAPAAPAPAEKT^{Phospho} PVKKK
79.97

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=35.68
- ▶ F091343.dat
- ▶ query=q36886.p1
- ▶ precursor=560.797670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a+b	b	b*	b+a	y	y*	y+b	AA
S[1]	20.889	0.672	14.468	38.038	0.672	28.674	147.391	141.719	141.389	S[2]
E[2]	63.701	0.672	57.660	73.022	0.672	87.229	718.384	712.708	712.380	E[3]
T[3]	97.383	0.672	89.380	106.715	0.672	100.711	675.370	669.694	669.366	T[20]
A[4]	121.092	0.672	115.050	130.364	0.672	124.360	641.887	636.011	635.683	A[19]
P[5]	153.813	0.672	147.421	162.765	0.672	156.411	618.088	612.322	612.004	P[18]
A[6]	177.092	0.672	171.080	186.424	0.672	180.420	585.657	579.981	579.653	A[17]
A[7]	200.771	0.672	194.759	210.133	0.672	204.099	561.970	556.302	555.974	A[16]
T[8]	223.122	0.672	217.110	242.454	0.672	236.450	538.299	532.621	532.295	T[15]
A[9]	256.004	0.672	250.199	266.333	0.672	260.129	516.941	511.272	510.944	A[14]
A[10]	280.480	0.672	274.471	289.812	0.672	283.830	482.269	476.593	476.265	A[13]
P[11]	312.811	0.672	306.820	322.143	0.672	316.139	458.590	452.914	452.586	P[12]
A[12]	336.510	0.672	330.501	345.342	0.672	339.828	426.232	420.561	420.235	A[11]
P[13]	368.894	0.672	362.857	378.393	0.672	372.120	402.566	396.884	396.506	P[10]
A[14]	392.540	0.672	386.511	401.872	0.672	395.880	370.200	364.514	364.206	A[9]
E[15]	415.254	0.672	409.251	444.888	0.672	438.887	346.530	340.854	340.526	E[8]
K[16]	438.223	0.672	432.240	467.888	0.672	461.761	313.515	307.840	307.512	K[17]
T[17]	538.591	0.672	532.588	547.922	0.672	541.910				T[17]
P[18]	570.941	0.672	564.918	580.771	0.672	574.566	474.410	468.410	468.104	P[16]
V[19]	603.964	0.672	597.960	611.230	0.672	607.292	196.120	192.451	192.121	V[4]
K[20]	646.092	0.672	640.090	653.044	0.672	647.011	126.100	122.429	122.101	K[19]
K[21]	688.184	0.672	682.221	693.601	0.672	692.230	92.401	88.732	88.402	K[18]
R[22]	732.058	0.672	726.054	741.361	0.672	735.187	48.700	44.034	43.702	R[1]

sp | P43274 | H14_MOUSE

SETAPAAPAAPAEKT^{Phospho} PVKKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=36.54
- ▶ F091343.dat
- ▶ query=q36887_p1
- ▶ precursor=747.394760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a Δ	b	b*	b Δ	r	r*	r Δ	AA
S1	80.044	0.000	82.034	88.039	0.000	70.029	2940.180	2223.143	2222.138	S23
E2	109.007	0.000	110.000	111.005	0.000	109.000	2535.131	2178.119	2178.119	E23
T3	190.130	0.000	192.120	118.110	0.000	306.110	2624.094	2601.083	2600.083	T20
A4	181.172	0.000	345.161	189.167	0.000	371.156	1821.040	1808.030	1807.030	A19
P5	158.225	0.000	160.215	161.210	0.000	158.210	2821.000	2529.983	2528.983	P16
A6	104.262	0.000	111.251	107.257	0.000	510.246	1974.955	1737.930	1738.948	A17
A7	800.260	0.000	802.250	638.204	0.000	616.283	1681.919	1668.913	1669.926	A16
P8	607.252	0.000	670.241	725.246	0.000	707.236	1812.882	1509.858	1508.872	P15
A9	176.289	0.000	180.279	186.288	0.000	176.283	1338.893	1448.893	1449.919	A14
A10	830.426	0.000	831.412	107.421	0.000	109.410	1444.742	1427.705	1426.782	A13
P11	178.478	0.000	181.468	184.473	0.000	180.463	1174.710	1159.710	1158.745	P12
A12	1007.414	0.000	1009.400	1009.411	0.000	1017.404	1218.700	1209.678	1208.694	A11
P13	1104.528	0.000	1090.520	1132.521	0.000	1114.503	1200.695	1108.676	1107.655	P10
A14	1170.606	0.000	1157.600	1263.600	0.000	1185.590	1108.611	1091.588	1090.602	A10
E15	1104.648	0.000	1200.630	1332.643	0.000	1314.612	1037.575	1020.549	1019.565	E11
T16	1432.674	0.000	1418.670	1460.678	0.000	1448.671	1042.670	1008.631	1009.658	T17
T17	1511.751	0.000	1506.741	1545.742	0.000	1524.745	1023.741	1001.638	1003.611	T18
P18	1710.810	0.000	1697.800	1710.805	0.000	1711.778	1191.804	1091.624	1092.699	P18
V19	1600.818	0.000	1592.802	1592.800	0.000	1603.804	1019.803	1002.771	1003.745	V19
K20	1217.874	0.000	1212.861	1205.864	0.000	1207.862	1017.868	1001.801	1002.776	K18
K21	1066.868	0.000	1062.852	1064.861	0.000	1077.857	1016.853	1001.801	1002.776	K19
K22	1214.883	0.000	1210.867	1202.868	0.000	1208.862	1017.868	1001.801	1002.776	K19

sp | P43274 | H14_MOUSE

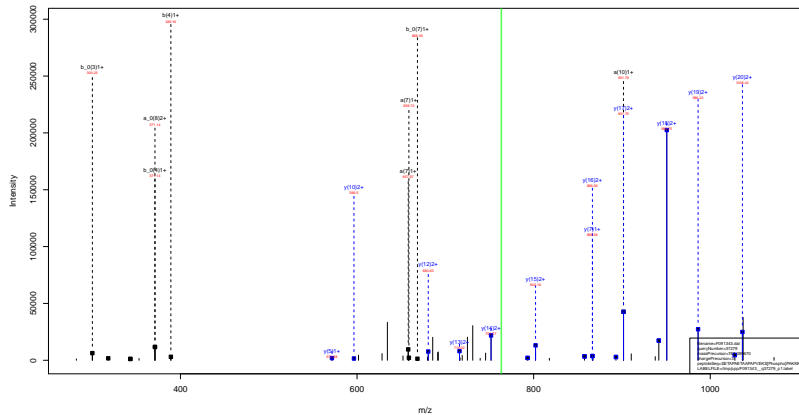
SETAPAAPAAPAEKT^{Phospho} PVKKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=36.54
- ▶ F091343.dat
- ▶ query=q36887_p1
- ▶ precursor=747.394760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
S1	30.526	0.504	29.521	44.503	0.504	35.533	1140.580	1112.075	1111.581	S22
T2	30.527	0.504	30.243	339.543	0.504	330.039	1059.277	1056.559	1056.057	T21
T3	149.574	0.504	139.585	139.585	0.504	139.585	1012.551	1009.051	1008.549	T30
A4	131.050	0.504	122.084	135.087	0.504	135.087	962.027	959.514	959.022	A19
P5	229.616	0.504	240.613	243.513	0.504	244.008	926.508	917.995	917.503	P16
A6	208.134	0.504	209.129	219.131	0.504	219.131	871.012	869.497	868.997	A17
A7	300.653	0.504	293.648	314.650	0.504	316.645	842.483	838.970	838.468	A16
P8	349.179	0.504	349.174	363.177	0.504	364.172	806.945	798.431	797.930	P15
A9	334.699	0.504	335.693	346.696	0.504	360.690	756.418	749.905	749.412	A14
A10	330.217	0.504	413.211	434.214	0.504	435.210	714.387	713.895	A13	
P11	468.713	0.504	469.707	482.710	0.504	483.705	687.381	679.868	679.370	P12
A12	454.211	0.504	449.205	512.209	0.504	513.204	648.864	638.349	629.850	A11
P13	512.730	0.504	453.721	505.723	0.504	507.718	603.329	599.821	599.320	P10
A14	588.300	0.504	579.301	601.304	0.504	603.300	554.809	548.297	547.802	A10
E15	672.826	0.504	643.822	668.825	0.504	657.820	519.261	510.750	510.260	E11
T16	718.876	746.382	100.899	709.878	0.223	721.889	458.770	448.253	448.000	T17
T17	807.382	109.899	746.571	801.580	0.122	812.596	352.374	350.723	350.250	T18
P18	813.909	887.389	646.520	869.930	881.393	880.901	300.216	299.702	0.504	P19
V19	950.443	889.939	886.430	1019.440	1018.927	1018.435	243.009	242.496	0.504	V16
K20	999.999	999.999	999.999	983.998	978.977	974.962	202.112	199.974	0.504	K18
K21	1113.538	1041.499	1048.431	1047.430	1036.952	1046.431	146.110	149.584	0.504	K12
K22	1097.585	1089.022	1088.508	1111.583	1103.059	1102.510	74.000	69.547	0.504	K11

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKKK
79.97



sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=56.09
- ▶ F091343.dat
- ▶ query=q37279_p1
- ▶ precursor=763.389670
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
S(1)	80.044	0.000	42.034	88.039	0.000	70.029	2286.153	2271.127	2270.143	S(2)
E(2)	109.087	0.000	131.000	211.005	0.000	139.041	2551.120	2164.009	2163.113	E(3)
T(3)	200.130	0.000	272.124	318.130	0.000	300.119	2672.079	2695.062	2694.088	T(20)
A(4)	301.172	0.000	345.161	389.167	0.000	371.156	3191.030	3194.029	3193.021	A(19)
P(5)	402.214	0.000	446.214	489.214	0.000	426.212	3709.980	3702.967	3702.043	P(16)
A(6)	503.257	0.000	547.251	587.257	0.000	539.246	4222.941	4195.935	4194.931	A(17)
E(7)	604.304	0.000	648.298	688.304	0.000	644.289	4731.904	4714.878	4713.884	E(18)
T(8)	705.347	0.000	741.341	781.347	0.000	709.336	5242.861	5209.839	5204.811	T(15)
A(9)	806.389	0.000	842.383	882.389	0.000	800.373	5755.814	5698.787	5697.800	A(14)
A(10)	901.426	0.000	935.420	975.426	0.000	911.411	6267.777	6213.750	6212.760	A(13)
P(11)	1002.469	0.000	1040.460	1078.469	0.000	1008.461	6780.740	6740.713	6741.729	P(12)
A(12)	1103.514	0.000	1142.508	1180.514	0.000	1079.504	7292.693	7249.666	7244.676	A(11)
P(13)	1204.559	0.000	1244.550	1284.554	0.000	1176.543	7804.650	7749.623	7747.639	P(10)
V(14)	1305.607	0.000	1347.601	1387.607	0.000	1275.602	8314.609	8207.579	8206.588	V(9)
E(15)	1394.660	0.000	1376.660	1422.670	0.000	1404.654	8822.520	8718.500	8717.518	E(8)
T(16)	1493.719	0.000	1509.700	1550.719	0.000	1513.714	9332.480	946.416	949.429	T(6)
S(17)	1598.773	0.000	1671.761	1711.768	0.000	1700.761	9899.421	9711.364	9700.380	S(6)
P(18)	1700.820	0.000	1769.810	1814.820	0.000	1799.814	10491.400	371.191	354.369	P(8)
A(19)	1801.863	0.000	1850.852	1899.860	0.000	1868.851	11071.367	473.242	467.213	A(4)
K(20)	1902.908	0.000	1951.891	2011.903	0.000	1959.892	11651.342	603.313	599.276	K(2)
K(21)	214.051	0.000	2096.042	2143.048	0.000	2125.021	2124.019	276.209	268.181	K(2)
K(22)	2242.148	0.000	2228.131	2228.139	0.000	2220.143	2252.119	147.113	130.088	K(1)

sp | P43276 | H15_MOUSE

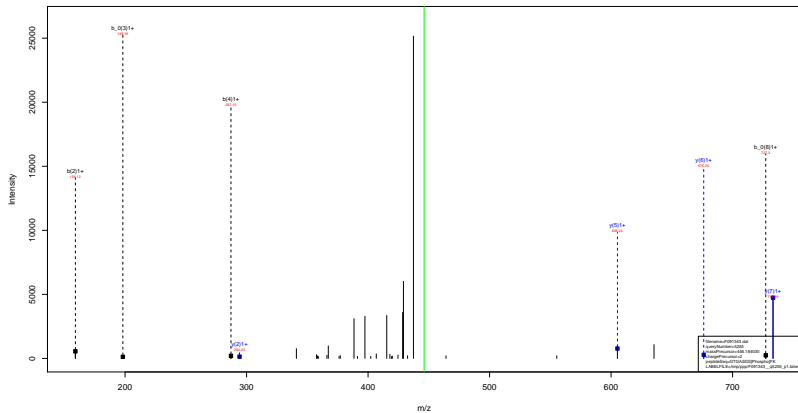
SETAPAETAAPAPVEKS^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=56.09
- ▶ F091343.dat
- ▶ query=q37279.p1
- ▶ precursor=763.389670
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
S	102420	0.504	29.523	48.922	0.504	36.517	1144.389	1139.887	1139.376	S(2)
E	894747	0.504	89.542	109.946	0.504	100.228	1199.704	1194.202	1193.691	E(2)
T	1451514	0.504	135.960	159.958	0.504	150.521	1035.543	1028.030	1027.518	T(2)
A	1811030	0.504	171.984	195.687	0.504	186.180	986.019	977.509	977.014	A(2)
P	2291545	0.504	220.993	242.611	0.504	234.402	956.501	941.987	941.495	P(2)
A	2651128	0.504	256.144	278.114	0.504	269.347	911.975	891.461	891.000	A(2)
E	3291059	0.504	310.660	343.653	0.504	324.443	846.456	827.942	827.450	E(2)
T	3891180	0.504	371.174	394.177	0.504	385.177	801.054	781.421	780.929	T(2)
A	4131888	0.504	406.389	429.869	0.504	420.168	751.411	744.387	743.929	A(2)
A	4511217	0.504	442.311	466.214	0.504	455.209	715.892	707.376	706.887	A(2)
P	4891241	0.504	480.799	513.171	0.504	504.179	680.373	671.860	671.388	P(2)
A	5291262	0.504	516.289	549.250	0.504	540.254	647.847	637.334	636.844	A(2)
P	5611168	0.504	549.162	589.706	0.504	580.192	598.328	587.823	587.321	P(2)
V	6111102	0.504	614.311	647.430	0.504	638.114	547.803	536.289	535.791	V(2)
E	6591204	0.504	648.838	711.941	0.504	692.830	488.269	486.755	486.261	E(2)
R	7011061	0.504	713.193	753.889	0.504	737.193	398.681	413.144	412.613	R(2)
S	7451109	0.504	737.305	809.388	0.504	793.303	349.949	363.389	362.944	S(2)
P	7811117	0.504	764.811	807.614	0.504	800.209	299.209	277.627	276.104	P(2)
A	8291118	0.504	820.488	864.613	0.504	848.421	237.674	229.109	228.614	A(2)
R	8691013	0.504	864.471	930.960	0.504	900.473	202.155	193.643	193.154	R(2)
K	9071031	0.499	904.721	971.630	0.499	940.724	160.521	156.109	155.644	K(2)
K	9291116	0.504	917.872	1006.076	0.504	976.870	116.870	94.880	94.547	K(2)

sp | P15864 | H12_MOUSE

GTGASGS (Phospho) FK
(79.97)



sp | P15864 | H12_MOUSE

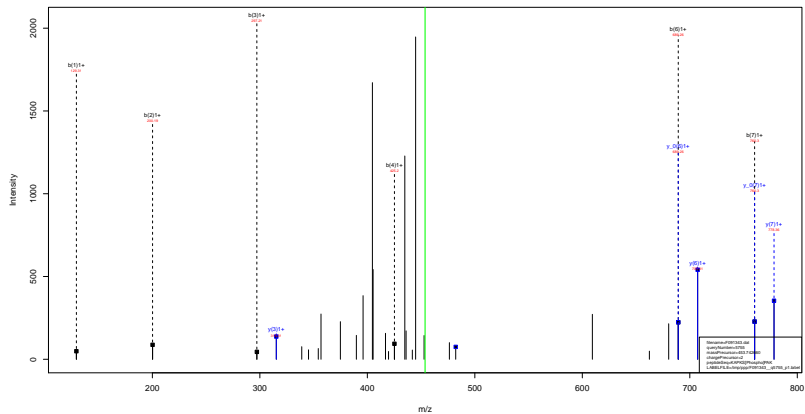
GTGASGS^(Phospho) FK
(79.97)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=29.16
- ▶ F091343.dat
- ▶ query=q5255_p1
- ▶ precursor=446.184030
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
C 1	30.034	0.000	0.000	58.026	0.000	0.000	891.301	874.331	873.859	C 9
T 2	131.082	0.000	113.073	159.076	0.000	141.066	834.439	817.313	816.329	T 8
C 3	188.103	0.000	170.092	218.089	0.000	198.087	733.292	716.253	715.261	C 7
A 4	259.140	0.000	241.130	287.135	0.000	269.124	436.276	420.243	419.260	A 6
S 5	336.172	0.000	328.162	374.151	0.000	356.146	605.233	589.200	588.223	S 3
G 6	403.194	0.000	385.183	431.168	0.000	413.176	538.201	501.174	500.193	G 4
S 7	470.192	0.000	452.181	508.167	0.000	490.170	481.180	444.151	443.169	S 2
F 8	537.260	0.000	699.250	745.255	0.000	737.245	294.181	277.155	0.000	F 2
K 9	604.335	0.00320	827.349	873.350	0.00324	855.340	147.133	130.080	0.000	K 1

sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAK
79.97



sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.10
- ▶ F091343.dat
- ▶ query=q5755_p1
- ▶ precursor=453.742660
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
K1	1101.227	88.183	0.000	129.102	112.076	-0.083	260.401	189.454	111.479	K10
A1	112.144	155.133	0.000	200.135	163.113	-0.000	778.358	761.950	760.375	A17
F1	269.197	250.111	0.000	297.192	280.166	0.000	707.349	690.322	689.338	F16
K1	107.292	880.259	0.000	425.287	408.261	0.000	610.290	593.269	592.285	K15
S1	354.291	347.258	546.288	390.285	375.259	374.275	482.301	465.174	464.190	S14
F1	693.313	648.317	643.331	649.338	592.312	611.328	315.203	298.176	0.000	F13
A1	732.980	715.358	714.370	760.375	743.949	742.935	218.150	201.123	0.000	A12
K1	880.470	843.449	842.465	888.470	871.444	870.480	147.113	130.086	0.000	K11

sp | P43274 | H14_MOUSE

KAPKS Phospho PAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=27.72
- ▶ F091343.dat
- ▶ query=q5758_p1
- ▶ precursor=453.743700
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
K1	1101.227	88.183	0.000	120.212	112.076	-0.083	300.401	389.434	118.479	K10
A1	112.144	155.133	0.000	200.139	163.113	0.000	778.388	761.950	760.375	A17
F3	209.197	250.111	0.000	207.192	280.166	0.000	707.349	690.322	689.338	F16
K4	107.292	380.259	0.000	425.287	408.261	0.000	610.290	593.269	592.285	K15
S5	354.291	347.258	546.288	390.285	375.259	374.275	482.301	465.174	464.190	S14
F6	603.313	604.317	643.331	649.338	692.312	611.328	315.203	308.176	0.000	F13
A7	732.980	715.358	714.370	760.375	743.949	742.935	218.150	201.123	0.000	A12
K8	880.470	843.449	842.465	888.470	871.444	870.480	147.113	133.086	0.000	K11

sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=41.67
- ▶ F091343.dat
- ▶ query=q5759_p1
- ▶ precursor=453.743930
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
K1	1101.227	88.183	0.000	129.102	112.076	-0.083	900.401	889.834	1101.227	K10
A1	112.144	155.133	0.000	200.135	163.113	-0.000	778.358	761.950	760.375	A17
F3	269.197	250.111	0.000	297.192	280.166	0.000	707.349	690.322	689.338	F16
K4	107.292	880.259	0.000	425.287	408.261	0.000	610.296	593.269	592.285	K15
S5	354.291	347.258	546.288	391.283	375.259	374.275	482.301	465.174	464.190	S14
F6	603.313	604.317	643.331	649.338	642.312	611.328	315.203	298.176	0.000	F13
A7	732.980	715.358	714.370	760.375	743.949	742.935	218.150	201.123	0.000	A12
K8	880.470	843.449	842.465	888.470	871.444	870.460	147.113	130.086	0.000	K11

sp | P70696 | H2B1A_MOUSE

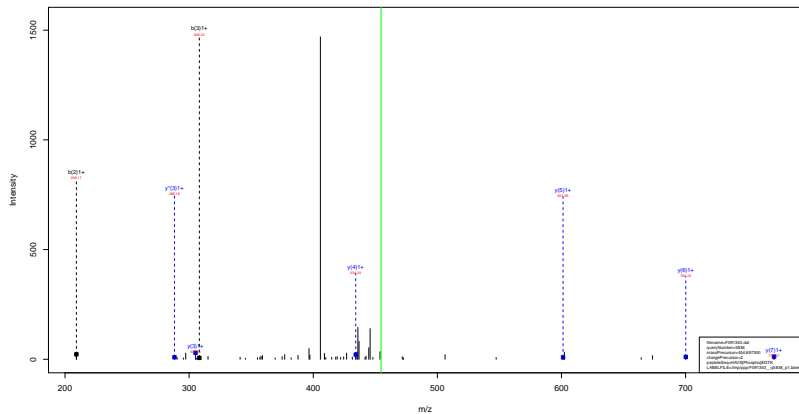
HAVS ^{Phospho}EGTK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=33.15
- ▶ F091343.dat
- ▶ query=q5834.p1
- ▶ precursor=454.697130
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a ⁺	a,b	b	b ⁺	b,y	y	y ⁺	y,b	AA
R 1	110.074	0.000	0.000	116.095	0.000	0.000	308.367	394.388	466.377	R 2
A 2	161.938	0.000	0.000	209.103	0.000	0.000	771.328	756.302	753.138	A 7
V 3	280.177	0.000	0.000	308.172	0.000	0.000	700.291	685.265	682.081	V 6
S 4	447.175	0.000	429.185	475.170	0.000	457.160	601.223	584.195	583.212	S 5
E 5	576.218	0.000	558.207	604.211	0.000	586.202	434.225	427.189	416.214	E 4
G 6	633.239	0.000	615.229	663.234	0.000	645.224	305.182	288.155	287.171	G 3
T 7	734.287	0.000	716.276	762.282	0.000	744.271	248.160	231.134	230.150	T 2
K 8	802.302	845.300	844.371	890.377	871.360	872.369	147.111	130.088	0.000	K 11

sp | P70696 | H2B1A_MOUSE

HAVS^{Phospho} EGTK
79.97



sp | P70696 | H2B1A_MOUSE

HAVS ^{Phospho}EGTK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=30.50
- ▶ F091343.dat
- ▶ query=q5836_p1
- ▶ precursor=454.697300
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
R 1	130.071	0.000	0.000	130.071	0.000	0.000	260.142	260.142	260.142	R 0
A 2	153.108	0.000	0.000	209.103	0.000	0.000	771.328	771.328	771.328	A 7
V 3	289.177	0.000	0.000	308.172	0.000	0.000	700.291	988.265	988.265	V 6
S 4	447.175	0.000	429.185	475.170	0.000	457.160	601.223	584.190	583.212	S 5
E 5	576.210	0.000	558.207	604.213	0.000	586.202	434.225	417.210	416.214	E 4
G 6	633.239	0.000	615.229	661.236	0.000	643.224	305.182	288.155	289.171	G 3
T 7	734.287	0.000	716.276	762.282	0.000	744.271	348.160	231.131	230.150	T 2
K 8	892.302	846.159	844.371	890.377	871.350	872.308	147.111	130.080	0.000	K 11

sp | P70696 | H2B1A_MOUSE

HAVS ^{Phospho}EGTK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=42.55
- ▶ F091343.dat
- ▶ query=q5838.p1
- ▶ precursor=454.697360
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA
H 1	1110.714	0.000	0.000	136.999	0.000	0.000	906.100	904.361	904.377	H 10
A 2	181.108	0.000	0.000	209.103	0.000	0.000	771.328	755.324	753.319	A 7
V 3	286.177	0.000	0.000	308.172	0.000	0.000	700.291	683.285	682.281	V 6
S 4	447.275	0.000	429.185	475.170	0.000	497.180	601.223	584.196	583.212	S 5
E 5	576.218	0.000	556.201	604.212	0.000	585.202	434.225	417.195	416.214	E 4
G 6	633.239	0.000	613.220	664.234	0.000	643.224	305.182	288.155	289.171	G 3
T 7	734.287	0.000	715.278	762.282	0.000	744.271	348.180	231.134	230.150	T 2
K 8	894.382	846.359	844.378	896.377	871.350	872.369	147.113	150.088	0.000	K 9

sp | P43274 | H14_MOUSE

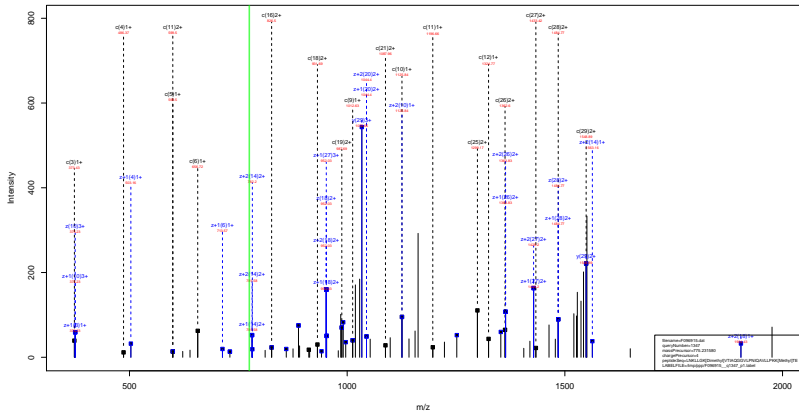
APKS^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=27.56
- ▶ F091343.dat
- ▶ query=q8400.p1
- ▶ precursor=489.262560
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
A	44.099	0.000	0.000	22.044	0.000	0.000	977.519	966.491	959.567	A
F	141.102	0.000	0.000	169.507	0.000	0.000	906.481	899.454	888.476	F
K	269.197	252.171	0.000	297.192	280.166	0.000	809.428	792.402	791.418	K
S	439.136	419.169	418.185	468.199	447.164	446.180	641.323	646.307	645.323	S
P	533.248	515.221	515.235	561.243	544.217	543.233	514.335	497.308	0.000	P
A	604.285	587.259	586.275	633.289	615.254	614.270	417.287	400.256	0.000	A
K	712.330	711.354	714.370	760.375	743.349	742.365	348.245	329.218	0.000	K
A	801.418	785.761	785.407	831.412	814.386	813.402	218.150	201.123	0.000	A
K	911.512	914.486	913.500	959.510	952.484	951.497	147.111	130.084	0.000	K

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPK ^{Dimethyl} 14.02 TE



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKK ^{Methyl} 14.02 TE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.66
- ▶ F096915.dat
- ▶ query=q1347_p1
- ▶ precursor=775.231580
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3097.908	3081.889	0.000	3080.881	L[29]
N[2]	345.161	2984.823	2968.805	2969.813	2967.797	N[28]
K[3]	373.256	2878.781	2854.762	2855.770	2853.754	K[27]
L[4]	486.340	2742.680	2726.667	2727.675	2725.659	L[26]
L[5]	599.424	2620.603	2603.583	2604.591	2602.575	L[25]
Q[6]	656.445	2519.517	2500.499	2501.507	2499.491	Q[24]
K[7]	812.572	2459.466	2443.477	2444.485	2442.469	K[23]
V[8]	911.640	2303.370	2287.351	2288.359	2286.343	V[22]
T[9]	1012.688	2204.303	2188.283	2189.290	2187.275	T[21]
I[10]	1125.772	2103.254	2087.235	2088.243	2086.227	I[20]
A[11]	1196.809	1995.170	1974.151	1975.159	1973.143	A[19]
Q[12]	1324.867	1919.132	1903.114	1904.122	1902.106	Q[18]
Q[13]	1381.889	1793.074	1775.055	1776.063	1774.047	Q[17]
G[14]	1438.910	1734.052	1718.034	1719.041	1717.026	G[16]
V[15]	1537.879	1677.031	1661.012	1662.020	1660.004	V[15]
L[16]	1651.063	1577.963	1561.944	1562.952	1560.936	L[14]
F[17]	1748.116	1464.878	1448.860	1449.868	1447.852	F[13]
Tu[18]	1892.159	1397.829	1381.809	1382.815	1380.799	Tu[12]
I[19]	1975.243	1253.783	1237.764	1238.772	1236.756	I[11]
Q[20]	2103.301	1140.699	1124.680	1125.688	1123.672	Q[10]
A[21]	2174.338	1012.640	996.621	997.629	995.614	A[9]
V[22]	2273.407	941.603	925.584	926.592	924.576	V[8]
L[23]	2386.491	842.535	826.516	827.524	825.508	L[7]
L[24]	2499.575	729.481	713.432	714.440	712.424	L[6]
P[25]	2596.626	615.360	600.340	601.356	599.340	P[5]
K[26]	2724.723	519.314	503.295	504.303	502.287	K[4]
K[27]	3866.831	391.210	375.200	376.208	374.193	K[3]
T[28]	2067.881	249.108	233.089	234.097	232.082	T[2]
E[29]	3096.923	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKK ^{Methyl} 14.02 TE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.66
- ▶ F096915.dat
- ▶ query=q1347_p1
- ▶ precursor=775.231580
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L 1	66.093	1549.457	1541.448	9.504	1540.944	L 20
N 2	123.084	1492.915	1494.906	1485.410	1484.402	N 20
K 3	187.132	1435.894	1427.885	1428.388	1427.381	K 27
L 4	243.674	1371.846	1363.837	1364.341	1363.333	L 26
L 5	300.216	1315.304	1307.295	1307.799	1308.791	L 25
G 6	358.700	1258.762	1250.753	1251.257	1250.249	G 24
K 7	406.790	1202.220	1222.242	1222.746	1221.738	K 23
V 8	456.324	1152.188	1144.179	1144.683	1143.675	V 22
T 9	506.840	1102.654	1094.645	1095.149	1094.141	T 21
T 10	563.390	1052.120	1044.121	1044.625	1043.617	T 20
A 11	598.908	995.588	987.579	988.083	987.075	A 19
Q 12	662.977	960.070	951.060	952.564	951.557	Q 18
G 13	691.448	908.041	898.031	898.535	897.527	G 17
G 14	719.959	867.530	859.520	860.024	859.017	G 16
V 15	769.493	819.019	811.010	811.514	810.506	V 15
L 16	826.035	759.495	751.476	751.979	750.972	L 14
F 17	874.561	722.943	724.933	724.937	724.430	F 13
N 18	931.583	684.416	676.407	676.911	675.903	N 12
I 19	988.125	627.995	619.986	619.990	618.982	I 11
Q 20	1052.154	670.853	662.844	663.348	662.340	Q 10
A 21	1087.673	508.824	498.814	499.318	498.310	A 0
V 22	1127.207	471.305	463.296	463.800	462.792	V 0
L 23	1193.700	429.771	419.762	419.266	418.258	L 1
L 24	1256.291	385.228	375.220	375.723	374.715	L 0
P 25	1298.817	308.687	300.678	301.181	300.174	P 5
K 26	1362.865	260.160	252.151	252.655	251.647	K 4
K 27	1433.920	196.113	188.104	188.608	187.600	K 3
T 28	1484.444	125.058	117.048	117.552	116.544	T 2
E 29	1548.965	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKK ^{Methyl} 14.02 TE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.66
- ▶ F096915.dat
- ▶ query=q1347_p1
- ▶ precursor=775.231580
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
L	1	44.377	1033.307	1027.968	0.672	1027.632	L
N	2	82.392	995.613	990.273	990.609	989.937	N
K	3	125.090	997.598	952.259	952.595	951.923	K
L	4	162.795	974.902	969.562	969.896	969.225	L
L	5	200.479	877.205	871.866	872.202	871.530	L
G	6	219.487	839.511	834.171	834.507	833.835	G
K	7	271.529	820.504	815.164	815.500	814.828	K
V	8	304.552	768.461	763.122	763.458	762.786	V
T	9	338.234	735.439	730.099	730.435	729.763	T
I	10	375.929	701.756	696.416	696.752	696.081	I
A	11	399.698	664.061	658.722	659.058	658.386	A
Q	12	442.294	640.381	635.041	635.379	634.707	Q
G	13	461.301	597.696	592.357	592.693	592.021	G
G	14	480.308	578.689	573.349	573.685	573.013	G
V	15	513.331	559.682	554.342	554.678	554.006	V
L	16	551.026	526.659	521.319	521.655	520.984	L
P	17	583.377	488.964	483.625	483.961	483.289	P
N	18	621.391	456.813	451.474	451.810	451.138	N
I	19	659.688	418.599	413.259	413.595	412.924	I
Q	20	701.772	380.904	375.565	375.901	375.229	Q
A	21	725.451	338.210	332.870	333.206	332.534	A
V	22	758.474	314.539	309.200	309.536	308.864	V
L	23	796.168	281.516	276.177	276.513	275.841	L
L	24	833.861	243.822	238.482	238.818	238.146	L
P	25	866.214	206.127	200.787	201.123	200.451	P
K	26	908.912	173.776	168.437	168.772	168.101	K
K	27	956.283	131.077	125.738	126.074	125.402	K
T	28	989.965	83.700	78.360	78.704	78.032	T
E	29	1032.979	50.025	44.685	45.021	44.349	E

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl} 28.03 ^{AAS} ^{Acetyl} 42.01 ^{GE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=116.85
- ▶ F097391.dat
- ▶ query=q2781_p1
- ▶ precursor=713.083680
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	146.129	4373.435	4257.417	4256.425	4256.400	K[41]
N[2]	260.172	4146.340	4129.322	4130.330	4128.314	N[40]
N[3]	374.215	4031.398	4015.279	4016.287	4014.271	N[39]
S[4]	461.247	3917.255	3901.239	3902.244	3900.228	S[38]
K[5]	617.348	3830.223	3814.204	3815.212	3813.196	K[37]
T[6]	710.432	3674.324	3658.302	3659.311	3657.295	T[36]
K[7]	858.537	3563.037	3545.011	3546.027	3544.011	K[35]
L[8]	971.611	3432.942	3416.924	3417.932	3415.916	L[34]
G[9]	1028.632	3319.858	3303.840	3304.847	3302.831	G[33]
L[10]	1141.716	3202.837	3186.818	3187.826	3185.810	L[32]
K[11]	1269.811	3149.753	3133.733	3134.742	3132.726	K[31]
S[12]	1359.843	3071.658	3055.639	3056.647	3054.631	S[30]
L[13]	1409.827	2934.620	2918.600	2919.615	2917.599	L[29]
V[14]	1568.996	2821.542	2805.521	2806.531	2804.515	V[28]
S[15]	1656.028	2722.473	2706.455	2707.462	2705.447	S[27]
K[16]	1784.123	2635.441	2619.421	2620.430	2618.413	K[26]
G[17]	1841.144	2507.348	2491.328	2492.336	2490.320	G[25]
T[18]	1962.192	2400.325	2384.305	2385.314	2383.298	T[24]
L[19]	2055.276	2349.277	2333.259	2334.266	2332.251	L[23]
V[20]	2154.344	2236.193	2220.174	2221.182	2219.167	V[22]
Q[21]	2292.403	2137.125	2121.106	2122.114	2120.099	Q[21]
T[22]	2383.451	2030.066	1993.047	1994.055	1992.040	T[20]
K[23]	2413.546	1936.019	1899.000	1900.008	1898.992	K[19]
G[24]	2468.567	1779.024	1763.905	1764.913	1762.897	G[18]
T[25]	2669.615	1722.002	1706.983	1707.991	1705.975	T[17]
G[26]	2726.636	1621.954	1605.936	1606.944	1604.928	G[16]
A[27]	2797.673	1504.833	1488.814	1498.822	1497.806	A[15]
S[28]	2884.705	1463.796	1447.777	1478.785	1476.769	S[14]
G[29]	2941.727	1426.764	1398.745	1399.753	1397.737	G[13]
S[30]	3028.759	1349.742	1333.723	1334.731	1332.715	S[12]
F[31]	3175.827	1262.710	1246.692	1247.699	1245.684	F[11]
K[32]	3303.922	1115.642	1099.623	1100.631	1098.615	K[10]
L[33]	3417.006	987.547	971.528	972.536	970.520	L[9]
N[34]	3531.049	874.463	858.444	859.452	857.436	N[8]
K[35]	3659.144	750.420	744.401	745.409	743.393	K[7]
K[36]	3815.271	632.325	616.306	617.314	615.298	K[6]
A[37]	3896.308	476.199	460.180	461.188	459.172	A[5]
A[38]	3957.345	405.162	389.143	390.151	388.135	A[4]
S[39]	4096.387	334.124	318.105	319.114	317.098	S[3]
G[40]	4143.409	205.082	189.063	190.071	188.055	G[2]
E[41]	4272.451	148.050	132.043	133.050	131.034	E[1]

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl} 28.03 ^{Acetyl} AAS ^{GE} 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=116.85
- ▶ F097391.dat
- ▶ query=q2781_p1
- ▶ precursor=713.083680
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#+1	#+2	z	AA	
R	1	713.080	2137.224	2129.777	2129.768	2128.705	K(4)
N	2	130.580	2073.174	2065.105	2065.668	2064.661	N(40)
N	3	187.611	2016.152	2008.143	2008.647	2007.630	N(30)
S	4	231.127	1959.131	1951.122	1951.625	1950.618	S(38)
R	5	309.176	1915.615	1907.606	1908.109	1907.102	R(37)
T	6	367.629	1857.564	1829.555	1830.059	1829.051	K(6)
K	7	429.707	1794.022	1787.013	1787.519	1786.506	K(5)
L	8	486.309	1735.075	1708.965	1709.469	1708.462	L(34)
G	9	514.820	1660.433	1652.423	1652.927	1651.920	G(33)
L	10	571.362	1601.922	1623.913	1624.417	1623.409	L(32)
K	11	635.409	1539.390	1567.371	1567.875	1566.867	K(31)
S	12	618.925	1511.333	1504.323	1503.827	1502.819	S(30)
L	13	735.457	1467.817	1459.807	1460.311	1459.303	L(28)
V	14	785.002	1411.275	1403.265	1403.769	1402.761	V(28)
S	15	808.510	1361.740	1353.731	1354.235	1353.227	S(27)
K	16	892.565	1318.224	1310.215	1310.719	1309.711	K(26)
G	17	921.076	1254.777	1246.767	1246.271	1245.263	G(25)
T	18	971.600	1225.666	1217.657	1218.161	1217.153	T(24)
L	19	1028.142	1175.142	1167.133	1167.637	1166.629	L(23)
V	20	1077.676	1118.600	1110.591	1111.095	1110.087	V(22)
Q	21	1141.705	1069.066	1061.057	1061.561	1060.553	Q(21)
T	22	1192.229	1005.037	997.027	997.531	996.523	T(20)
N	23	1236.676	954.513	946.504	947.007	946.000	N(19)
G	24	1284.782	890.465	882.456	882.960	881.952	G(18)
T	25	1335.311	831.955	823.945	824.448	853.441	T(17)
G	26	1363.822	811.431	803.421	803.925	802.918	G(16)
A	27	1399.340	782.920	774.911	775.415	774.407	A(15)
S	28	1452.870	747.402	739.392	739.896	738.888	S(14)
G	29	1471.367	703.889	695.878	696.380	695.372	G(13)
S	30	1514.883	675.375	667.365	667.869	666.862	S(12)
F	31	1568.417	631.859	623.849	624.353	623.346	F(11)
K	32	1652.465	538.325	550.315	550.819	549.811	K(10)
L	33	1709.007	494.277	486.268	486.772	485.764	L(9)
N	34	1765.078	468.756	429.725	430.230	429.222	N(8)
K	35	1830.076	408.714	372.704	373.208	372.200	K(7)
K	36	1908.139	316.666	308.657	309.161	308.153	K(6)
A	37	1943.657	238.601	230.594	231.098	230.090	A(5)
A	38	1978.176	203.084	195.075	195.579	194.571	A(4)
S	39	2043.697	167.566	159.557	160.060	159.052	S(3)
G	40	2072.208	103.045	95.035	95.539	94.531	G(2)
E	41	2136.729	74.534	66.524	67.028	66.021	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl}28.03 ^{AAS} ^{Acetyl}42.01 ^{GE}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=116.85
- ▶ F097391.dat
- ▶ query=q2781_p1
- ▶ precursor=713.083680
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	±1	±2	±2	AA	
R	1	49.361	1425.130	1419.810	1420.146	1419.474	R(4)
N	2	87.395	1382.452	1377.112	1377.448	1376.776	N(40)
N	3	125.410	1344.437	1339.090	1339.434	1338.762	N(30)
S	4	154.420	1306.423	1301.083	1301.419	1300.748	S(8)
R	5	206.454	1277.412	1272.073	1272.409	1271.737	R(37)
I	6	244.149	1225.379	1220.039	1220.375	1219.703	I(6)
K	7	288.687	1187.064	1181.724	1181.059	1180.388	K(5)
L	8	324.542	1144.088	1139.646	1139.982	1139.310	L(34)
G	9	343.549	1107.291	1101.951	1102.287	1101.615	G(53)
L	10	381.244	1068.284	1062.944	1063.280	1062.608	L(32)
K	11	423.642	1050.589	1045.250	1045.586	1044.914	K(31)
S	12	483.959	1007.591	1002.251	1002.587	1001.915	S(30)
L	13	490.647	978.585	973.245	973.577	972.905	L(28)
V	14	523.670	941.185	935.846	936.182	935.510	V(38)
S	15	552.681	908.163	902.823	903.159	902.487	S(27)
K	16	595.379	879.152	873.812	874.148	873.476	K(26)
G	17	614.386	836.454	831.114	831.450	830.778	G(25)
T	18	645.959	797.446	792.107	792.443	791.771	T(24)
L	19	685.704	783.764	778.424	778.760	778.088	L(23)
V	20	718.786	746.069	740.730	741.066	740.394	V(22)
Q	21	761.473	713.046	707.707	708.043	707.371	Q(21)
T	22	795.155	670.360	665.021	665.357	664.685	T(20)
K	23	837.853	638.078	632.738	633.074	632.402	K(19)
G	24	856.861	593.976	588.636	588.972	588.300	G(18)
T	25	890.543	574.972	569.633	569.969	569.297	T(17)
G	26	909.550	541.200	535.860	536.196	535.524	G(16)
A	27	933.229	522.282	516.943	517.279	516.607	A(15)
S	28	962.240	498.001	492.661	493.000	492.328	S(14)
G	29	981.247	469.593	464.253	464.589	463.917	G(13)
S	30	1010.258	450.586	445.246	445.582	444.910	S(12)
F	31	1059.281	421.575	416.235	416.571	415.899	F(11)
K	32	1101.979	372.552	367.213	367.549	366.877	K(10)
L	33	1139.674	329.854	324.514	324.850	324.178	L(9)
N	34	1177.688	282.159	276.819	277.156	276.484	N(8)
K	35	1220.386	254.145	248.805	249.141	248.469	K(7)
K	36	1272.428	211.447	206.107	206.443	205.771	K(6)
A	37	1296.107	159.404	154.064	154.401	153.729	A(5)
A	38	1319.786	135.725	130.386	130.722	130.050	A(4)
S	39	1362.861	112.046	106.707	107.043	106.371	S(3)
G	40	1383.258	99.132	93.793	94.129	93.457	G(2)
E	41	1424.822	50.025	44.685	45.021	44.349	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl} 28.03 ^{AAS} ^{Acetyl} 42.01 ^{GE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=116.85
- ▶ F097391.dat
- ▶ query=q2781_p1
- ▶ precursor=713.083680
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	s+1	s+2	z	AA
R	37.200	1068.114	1065.110	1065.362	1064.858	K(4)
N	65.798	1037.091	1033.088	1033.338	1032.834	N(4)
N	94.309	1008.580	1004.575	1004.827	1004.323	N(3)
S	118.007	980.069	976.064	976.316	975.812	S(3)
R	155.002	958.311	954.306	954.558	954.054	R(3)
I	183.263	939.295	935.283	935.533	935.029	I(3)
K	215.397	891.015	887.013	887.263	886.759	K(5)
L	243.658	858.991	854.989	855.238	854.734	L(3)
G	257.614	830.720	826.715	826.967	826.463	G(3)
L	288.125	816.465	812.460	812.712	812.208	L(3)
K	318.208	788.194	784.189	784.441	783.937	K(3)
S	339.666	756.170	752.165	752.417	751.913	S(3)
L	368.237	734.432	730.407	730.659	730.155	L(2)
V	393.004	706.141	702.136	702.388	701.884	V(3)
S	414.702	681.374	677.369	677.621	677.117	S(2)
K	446.708	659.610	655.611	655.863	655.359	K(2)
G	461.042	627.592	623.587	623.839	623.335	G(2)
T	486.303	613.337	609.332	609.584	609.080	T(2)
L	514.574	588.075	584.070	584.322	583.818	L(2)
V	539.342	559.804	555.799	556.051	555.547	V(2)
Q	571.356	535.037	531.032	531.284	530.780	Q(2)
T	595.618	503.227	499.017	499.269	498.765	T(2)
K	628.842	477.760	473.743	474.007	473.503	K(1)
G	642.597	445.126	441.732	441.984	441.480	G(1)
T	668.159	431.481	427.474	427.726	427.224	T(1)
G	682.415	406.219	402.214	402.466	401.962	G(1)
A	706.174	381.964	387.958	388.211	387.707	A(1)
S	721.924	374.204	370.203	370.452	369.948	S(1)
G	738.137	352.446	348.442	348.694	348.190	G(1)
S	757.945	330.191	334.186	334.438	333.934	S(1)
F	794.712	316.433	312.428	312.680	312.176	F(1)
K	826.736	279.666	275.661	275.913	275.409	K(1)
L	855.007	247.642	243.638	243.889	243.385	L(1)
N	883.518	218.871	218.369	218.618	218.114	N(1)
K	915.542	192.886	188.885	189.136	188.632	K(1)
K	954.573	158.877	154.872	155.084	154.580	K(1)
A	972.332	119.809	115.800	116.052	115.548	A(1)
A	990.002	102.846	98.041	98.293	97.789	A(1)
S	1022.252	84.287	80.282	80.534	80.030	S(1)
G	1038.008	82.026	82.011	82.011	82.011	G(1)
E	1068.868	37.771	33.766	34.018	33.514	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl} 28.03 ^{AAS} ^{Acetyl} 42.01 ^{GE}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=116.85
- ▶ F097391.dat
- ▶ query=q2781.p1
- ▶ precursor=713.083680
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA	
K	1	80.032	855.493	852.289	852.491	852.088	K[41]
N	2	52.840	829.874	826.670	826.874	826.469	N[40]
N	3	75.649	807.065	803.862	804.063	803.660	N[39]
S	4	93.055	784.257	781.053	781.255	780.851	S[38]
K	5	124.275	766.850	763.647	763.846	763.445	K[37]
T	6	146.892	735.630	732.426	732.626	732.225	T[36]
K	7	172.511	713.013	709.810	710.011	709.608	K[35]
L	8	195.128	687.394	684.191	684.392	683.989	L[34]
G	9	208.332	664.777	661.573	661.775	661.372	G[33]
L	10	229.149	653.373	650.169	650.371	649.968	L[32]
K	11	254.768	630.756	627.553	627.754	627.351	K[31]
S	12	272.174	605.137	601.934	602.135	601.732	S[30]
L	13	294.791	587.731	584.527	584.729	584.326	L[29]
V	14	314.605	565.114	561.910	562.112	561.709	V[28]
S	15	332.011	545.300	542.097	542.298	541.895	S[27]
K	16	357.630	527.894	524.690	524.892	524.489	K[26]
G	17	368.035	502.275	499.071	499.273	498.870	G[25]
T	18	389.244	490.871	487.667	487.869	487.465	T[24]
L	19	411.861	470.661	467.456	467.659	467.256	L[23]
V	20	431.675	448.044	444.841	445.042	444.639	V[22]
Q	21	457.286	428.231	425.027	425.229	424.825	Q[21]
T	22	477.496	402.619	399.415	399.617	399.214	T[20]
K	23	503.115	382.410	379.206	379.407	379.004	K[19]
G	24	514.519	356.791	353.587	353.788	353.385	G[18]
T	25	534.729	345.389	342.183	342.384	341.981	T[17]
G	26	546.133	325.177	321.973	322.175	321.771	G[16]
A	27	560.341	313.772	310.568	310.770	310.367	A[15]
S	28	577.747	299.565	296.361	296.563	296.160	S[14]
G	29	589.151	282.150	278.955	279.156	278.753	G[13]
S	30	606.558	270.754	267.551	267.752	267.349	S[12]
F	31	635.971	253.348	250.144	250.346	249.943	F[11]
K	32	661.590	223.934	220.730	220.932	220.529	K[10]
L	33	684.207	198.515	195.311	195.513	194.910	L[9]
N	34	707.016	175.698	172.495	172.696	172.293	N[8]
K	35	732.635	152.890	149.686	149.888	149.484	K[7]
K	36	763.860	127.271	124.067	124.269	123.866	K[6]
A	37	778.067	96.046	92.842	93.043	92.640	A[5]
A	38	792.275	81.838	78.634	78.836	78.433	A[4]
S	39	818.083	67.631	64.427	64.629	64.225	S[3]
G	40	829.488	41.822	38.618	38.820	38.417	G[2]
E	41	855.296	30.418	27.214	27.416	27.013	E[1]

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl} AAS ^{Acetyl} GE
28.03 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.60
- ▶ F097391.dat
- ▶ query=q2782_p1
- ▶ precursor=611.358590
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K 1	148.120	4273.435	4257.417	4258.425	4259.406	K 41
N 2	260.172	4145.340	4129.322	4130.330	4128.314	N 40
N 3	374.215	4031.298	4015.279	4016.287	4014.271	N 39
S 4	461.247	3917.255	3901.236	3902.244	3900.228	S 38
R 5	617.276	3803.212	3813.204	3814.212	3813.196	R 37
L 6	730.432	3674.171	3658.153	3659.161	3657.155	L 36
K 7	858.527	3561.137	3545.119	3546.127	3544.111	K 35
L 8	971.611	3432.092	3416.074	3417.082	3415.066	L 34
G 9	1028.632	3319.058	3303.040	3304.047	3302.032	G 33
L 10	1141.716	3202.837	3186.818	3187.826	3185.810	L 32
K 11	1269.811	3146.753	3133.734	3134.742	3132.726	K 31
S 12	1359.843	3071.698	3055.679	3056.687	3054.671	S 30
L 13	1469.927	2934.626	2918.607	2919.615	2917.599	L 29
V 14	1568.996	2821.542	2805.523	2806.531	2804.515	V 28
S 15	1656.026	2722.473	2706.455	2707.462	2705.447	S 27
K 16	1784.123	2635.441	2619.423	2620.430	2618.415	K 26
G 17	1841.144	2507.346	2491.328	2492.335	2490.320	G 25
T 18	1942.102	2450.325	2434.307	2435.314	2433.299	T 24
L 19	2055.276	2349.277	2333.259	2334.266	2332.251	L 23
V 20	2134.344	2236.193	2220.174	2221.182	2219.167	V 22
Q 21	2262.403	2137.125	2121.106	2122.114	2120.099	Q 21
T 22	2321.451	2020.060	1993.047	1994.055	1992.040	T 20
K 23	2511.546	1908.019	1892.000	1893.008	1890.992	K 19
G 24	2568.587	1779.924	1763.905	1764.913	1762.897	G 18
V 25	2669.615	1722.902	1706.883	1707.891	1705.875	V 17
G 26	2726.636	1621.854	1605.835	1606.844	1604.828	G 16
A 27	2797.673	1564.833	1548.814	1549.822	1547.806	A 15
S 28	2884.705	1493.790	1477.777	1478.785	1476.769	S 14
G 29	2941.727	1408.764	1390.745	1391.753	1389.737	G 13
S 30	3008.769	1349.742	1333.723	1334.731	1332.715	S 12
F 31	3175.827	1262.710	1246.692	1247.699	1245.684	F 11
K 32	3301.922	1115.642	1099.623	1100.631	1098.615	K 10
L 33	3417.006	987.547	971.528	972.536	970.520	L 9
N 34	3511.049	874.463	858.444	859.452	857.436	N 8
K 35	3659.144	760.420	744.401	745.409	743.393	K 7
K 36	3815.211	632.305	616.306	617.314	615.298	K 6
A 37	3886.308	476.199	460.180	461.188	459.172	A 5
A 38	3957.345	405.162	389.143	390.151	388.135	A 4
S 39	4086.387	334.124	318.106	319.114	317.099	S 3
G 40	4143.409	205.082	189.063	190.071	188.055	G 2
E 41	4272.451	148.060	132.042	133.050	131.034	E 1

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl} 28.03 ^{Acetyl} AAS ^{GE} 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.60
- ▶ F097391.dat
- ▶ query=q2782_p1
- ▶ precursor=611.358590
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	s+1	s+2	z	AA
R 3	715.90	2137.224	2129.217	2129.768	2128.707	K(4)
N 2	130.589	2073.174	2065.165	2065.666	2064.661	N(40)
N 3	187.611	2016.152	2008.143	2008.644	2007.639	N(30)
S 4	231.127	1959.131	1951.122	1951.625	1950.618	S(38)
R 5	309.176	1915.615	1907.606	1908.107	1907.102	R(37)
T 6	367.629	1857.564	1849.555	1850.056	1849.051	T(36)
R 7	429.707	1794.022	1777.013	1778.514	1777.509	R(5)
L 8	486.309	1719.075	1708.965	1709.469	1708.462	L(34)
G 9	514.820	1660.433	1652.423	1652.927	1651.920	G(33)
L 10	571.362	1611.922	1623.913	1624.414	1623.409	L(32)
K 11	635.409	1579.395	1567.371	1567.875	1566.867	K(31)
S 12	678.925	1511.333	1503.323	1503.827	1502.821	S(30)
L 13	735.457	1467.817	1459.807	1460.311	1459.304	L(29)
V 14	785.002	1411.275	1403.265	1403.769	1402.761	V(28)
S 15	828.518	1361.740	1353.730	1354.235	1353.227	S(27)
K 16	892.565	1318.224	1310.215	1310.719	1309.711	K(26)
G 17	921.076	1258.777	1246.767	1246.271	1245.264	G(25)
T 18	971.600	1225.666	1217.657	1218.161	1217.153	T(24)
L 19	1028.142	1175.142	1167.133	1167.637	1166.629	L(23)
V 20	1077.676	1118.600	1110.591	1111.095	1110.087	V(22)
Q 21	1141.705	1069.066	1061.057	1061.561	1060.553	Q(21)
T 22	1192.229	1005.037	997.027	997.531	996.523	T(20)
L 23	1252.576	954.511	946.504	947.007	946.000	L(19)
G 24	1284.787	890.465	882.456	882.960	881.952	G(18)
T 25	1336.311	861.955	853.945	854.449	853.441	T(17)
G 26	1363.822	811.431	803.421	803.925	802.918	G(16)
A 27	1399.340	762.920	774.911	775.415	774.407	A(15)
S 28	1442.856	714.402	726.392	726.896	726.888	S(14)
G 29	1471.808	703.886	695.876	696.380	695.373	G(13)
S 30	1514.883	675.375	667.365	667.869	666.862	S(12)
F 31	1568.417	631.859	623.849	624.353	623.346	F(11)
K 32	1632.465	558.325	550.315	550.819	549.811	K(10)
L 33	1709.007	494.277	486.268	486.772	485.764	L(9)
N 34	1766.020	447.756	439.726	439.230	439.222	N(8)
K 35	1830.079	389.724	381.714	382.218	381.211	K(7)
K 36	1908.139	316.666	308.657	309.161	308.153	K(6)
A 37	1943.657	238.603	230.594	231.098	230.090	A(5)
A 38	1978.176	203.084	195.075	195.579	194.571	A(4)
S 39	2043.697	167.566	159.557	160.060	159.053	S(3)
G 40	2072.208	103.045	95.035	95.539	94.531	G(2)
E 41	2136.729	74.534	66.524	67.028	66.021	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl} 28.03 ^{AAS} ^{Acetyl} GE 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=57.60
- ▶ F097391.dat
- ▶ query=q2782_p1
- ▶ precursor=611.358590
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	p	s+1	s+2	z	AA	
R	3	49.361	1425.150	1419.810	1420.468	1419.414	R(4)
N	2	87.395	1382.452	1377.112	1377.448	1376.776	N(4)
N	3	128.410	1344.437	1339.088	1339.434	1338.762	N(3)
S	4	154.420	1306.423	1301.083	1301.419	1300.748	S(3)
R	5	206.454	1277.412	1272.073	1272.409	1271.737	R(3)
I	6	264.149	1225.379	1220.039	1220.375	1219.703	I(3)
R	7	288.647	1187.394	1182.044	1182.380	1181.708	R(5)
L	8	324.542	1144.088	1139.646	1139.982	1139.310	L(4)
G	9	343.549	1107.291	1101.951	1102.287	1101.615	G(3)
L	10	381.244	1038.284	1082.944	1083.280	1082.608	L(3)
K	11	423.642	1050.589	1045.250	1045.586	1044.914	K(3)
S	12	482.959	1007.391	1002.551	1002.287	1002.215	S(3)
L	13	490.647	978.880	1002.543	973.277	973.205	L(2)
V	14	523.670	941.125	935.846	936.182	935.510	V(3)
S	15	552.681	908.163	902.823	903.159	902.487	S(2)
K	16	595.379	879.152	873.812	874.148	873.476	K(2)
G	17	614.368	836.454	831.114	831.450	830.778	G(2)
T	18	648.069	797.446	812.107	812.443	811.771	T(2)
L	19	685.764	783.764	778.424	778.760	778.088	L(2)
V	20	718.786	746.069	740.730	741.066	740.394	V(2)
Q	21	761.473	713.046	707.707	708.043	707.371	Q(2)
T	22	795.155	670.360	665.021	665.357	664.685	T(2)
K	23	837.853	636.878	631.338	631.674	631.002	K(1)
G	24	858.294	593.975	588.640	588.976	588.304	G(1)
T	25	890.543	574.972	569.633	569.969	569.297	T(1)
G	26	909.550	541.200	535.950	536.286	535.614	G(1)
A	27	933.229	522.282	516.943	517.279	516.607	A(1)
S	28	962.240	498.603	493.264	493.600	492.928	S(1)
G	29	981.247	469.593	464.253	464.589	463.917	G(1)
S	30	1010.258	450.586	445.246	445.582	444.910	S(1)
F	31	1059.281	421.575	416.235	416.571	415.899	F(1)
K	32	1101.979	372.552	367.213	367.549	366.877	K(1)
L	33	1139.674	329.854	324.514	324.850	324.178	L(1)
N	34	1177.688	292.159	286.819	287.156	286.484	N(1)
K	35	1220.386	254.145	248.805	249.141	248.469	K(1)
K	36	1272.428	211.447	206.107	206.443	205.771	K(1)
A	37	1298.107	159.404	154.064	154.401	153.729	A(1)
A	38	1319.786	135.725	130.386	130.722	130.050	A(1)
S	39	1362.801	112.046	106.707	107.043	106.371	S(1)
G	40	1391.808	99.132	93.793	94.129	93.457	G(1)
E	41	1424.822	50.025	44.685	45.021	44.349	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl} 28.03 ^{AAS} ^{Acetyl} 42.01 ^{GE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=57.60
- ▶ F097391.dat
- ▶ query=q2782_p1
- ▶ precursor=611.358590
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#s1	#s2	#s	AA	
R	1	37.280	1069.114	1065.110	1065.362	1064.858	K(4)
N	2	65.798	1037.091	1033.088	1033.338	1032.834	N(40)
N	3	94.309	1008.580	1004.575	1004.827	1004.323	N(30)
S	4	118.007	980.069	976.064	976.316	975.812	S(8)
R	5	155.002	958.311	954.308	954.558	954.054	R(37)
I	6	183.269	927.295	915.283	915.531	915.029	I(6)
R	7	215.387	891.015	887.013	887.262	886.759	R(5)
L	8	243.658	858.991	854.986	855.238	854.734	L(34)
G	9	257.614	830.720	826.715	826.967	826.463	G(33)
L	10	286.125	816.465	812.460	812.712	812.208	L(32)
K	11	318.208	788.198	784.195	784.441	783.937	K(31)
S	12	359.666	756.170	752.165	752.417	751.913	S(20)
L	13	398.237	734.432	730.407	730.659	730.155	L(28)
V	14	393.004	706.141	702.136	702.388	701.884	V(28)
S	15	414.702	681.374	677.369	677.621	677.117	S(27)
K	16	446.708	659.616	655.611	655.863	655.359	K(26)
G	17	461.042	629.392	623.587	623.839	623.335	G(25)
T	18	486.303	613.337	609.333	609.584	609.080	T(24)
L	19	514.574	588.075	584.070	584.322	583.818	L(23)
V	20	539.342	558.804	555.799	556.051	555.547	V(22)
Q	21	571.356	535.037	531.032	531.284	530.780	Q(21)
T	22	596.618	503.022	499.017	499.269	498.765	T(20)
K	23	628.643	477.766	473.763	474.007	473.503	K(19)
G	24	642.897	445.739	441.732	441.984	441.480	G(18)
T	25	668.159	413.481	409.474	409.726	409.222	T(17)
G	26	682.415	406.219	402.214	402.466	401.962	G(16)
A	27	700.174	391.964	387.958	388.211	387.707	A(15)
S	28	721.932	374.204	370.200	370.452	369.948	S(14)
G	29	735.174	357.446	353.442	353.694	353.190	G(13)
S	30	757.945	338.191	334.186	334.438	333.934	S(12)
F	31	794.712	316.433	312.428	312.680	312.176	F(11)
K	32	826.736	279.666	275.661	275.913	275.409	K(10)
L	33	855.007	247.642	243.638	243.889	243.385	L(9)
N	34	883.518	219.371	215.367	215.618	215.114	N(8)
K	35	915.542	192.886	188.882	189.134	188.630	K(7)
K	36	954.573	158.877	154.872	155.084	154.580	K(6)
A	37	972.332	119.809	115.804	116.056	115.554	A(5)
A	38	990.002	102.846	98.841	99.203	97.799	A(4)
S	39	1022.252	84.287	80.282	80.534	80.030	S(3)
G	40	1038.008	82.026	78.021	78.273	77.769	G(2)
E	41	1066.868	37.771	33.766	34.018	33.514	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl}28.03 ^{AAS} ^{Acetyl}42.01 ^{GE}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=57.60
- ▶ F097391.dat
- ▶ query=q2782_p1
- ▶ precursor=611.358590
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA	
K	1	30.032	855.493	852.289	852.491	852.089	K[41]
N	2	52.840	829.874	826.670	826.872	826.469	N[40]
N	3	75.649	807.065	803.862	804.063	803.660	N[39]
S	4	93.055	784.257	781.053	781.255	780.851	S[38]
R	5	124.275	766.650	763.447	763.848	763.445	R[37]
T	6	146.392	735.630	732.426	732.628	732.225	T[36]
K	7	172.511	713.013	709.810	710.011	709.608	K[35]
L	8	195.128	687.394	684.191	684.392	683.989	L[34]
G	9	208.532	664.777	661.574	661.775	661.372	G[33]
L	10	229.149	653.373	650.169	650.371	649.968	L[32]
K	11	254.768	630.756	627.553	627.754	627.351	K[31]
S	12	272.174	605.137	601.934	602.135	601.732	S[30]
L	13	294.791	587.731	584.527	584.729	584.326	L[29]
V	14	314.605	565.114	561.910	562.112	561.709	V[28]
S	15	332.011	545.300	542.097	542.298	541.895	S[27]
K	16	357.630	527.894	524.690	524.892	524.489	K[26]
G	17	368.035	502.275	499.071	499.273	498.870	G[25]
T	18	389.244	490.871	487.667	487.869	487.465	T[24]
L	19	411.861	470.661	467.456	467.659	467.256	L[23]
V	20	431.675	448.044	444.841	445.042	444.639	V[22]
Q	21	457.286	428.231	425.027	425.229	424.825	Q[21]
T	22	477.496	402.619	399.415	399.617	399.214	T[20]
K	23	503.115	382.410	379.206	379.407	379.004	K[19]
G	24	514.519	356.791	353.587	353.788	353.385	G[18]
T	25	534.729	345.389	342.183	342.384	341.981	T[17]
G	26	546.133	325.177	321.973	322.175	321.771	G[16]
A	27	560.341	313.772	310.568	310.770	310.367	A[15]
S	28	577.747	299.565	296.361	296.563	296.160	S[14]
G	29	589.151	282.150	278.955	279.156	278.753	G[13]
S	30	606.558	270.754	267.551	267.752	267.349	S[12]
F	31	635.971	253.348	250.144	250.346	249.943	F[11]
K	32	661.590	223.934	220.730	220.932	220.529	K[10]
L	33	684.207	198.515	195.311	195.513	194.910	L[9]
N	34	707.016	175.698	172.495	172.696	172.293	N[8]
K	35	732.635	152.890	149.686	149.888	149.484	K[7]
K	36	763.860	127.271	124.067	124.269	123.866	K[6]
A	37	778.067	96.046	92.842	93.043	92.640	A[5]
A	38	792.275	81.838	78.634	78.836	78.433	A[4]
S	39	818.083	67.631	64.427	64.629	64.225	S[3]
G	40	829.488	41.822	38.618	38.820	38.417	G[2]
E	41	855.296	30.418	27.214	27.416	27.013	E[1]

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKK ^{Dimethyl}28.03 AAS ^{Acetyl}42.01 GE

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=57.60
- ▶ F097391.dat
- ▶ query=q2782.p1
- ▶ precursor=611.358590
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA	
K	1	25.194	713.079	710.409	710.577	710.241	K[41]
N	2	44.201	691.720	689.060	689.228	688.892	N[40]
N	3	63.209	672.722	670.053	670.221	669.885	N[39]
S	4	77.714	653.715	651.045	651.213	650.877	S[38]
K	5	103.731	639.210	636.540	636.708	636.372	K[37]
T	6	122.578	613.193	610.523	610.691	610.355	T[36]
K	7	143.927	594.346	591.676	591.844	591.508	K[35]
L	8	162.775	572.996	570.327	570.495	570.159	L[34]
G	9	172.278	554.149	551.479	551.647	551.311	G[33]
L	10	191.125	534.640	531.970	532.138	531.802	L[32]
K	11	212.475	525.798	523.128	523.296	522.960	K[31]
S	12	226.980	504.449	501.779	501.947	501.611	S[30]
L	13	245.827	489.944	487.274	487.442	487.106	L[29]
V	14	262.339	471.096	468.427	468.595	468.259	V[28]
S	15	276.844	454.585	451.915	452.083	451.747	S[27]
K	16	298.193	440.080	437.410	437.578	437.242	K[26]
G	17	307.697	418.730	416.061	416.229	415.893	G[25]
T	18	324.538	400.227	408.557	408.725	408.389	T[24]
L	19	343.385	392.366	389.710	389.884	389.548	L[23]
V	20	359.897	373.538	370.868	371.036	370.701	V[22]
Q	21	381.240	357.027	354.357	354.525	354.189	Q[21]
T	22	398.081	335.684	333.014	333.182	332.846	T[20]
K	23	419.430	318.842	316.173	316.341	316.005	K[19]
G	24	428.934	297.493	294.824	294.992	294.656	G[18]
T	25	445.775	287.990	285.320	285.488	285.152	T[17]
G	26	455.279	271.148	268.479	268.647	268.311	G[16]
A	27	467.118	251.645	258.975	259.143	258.807	A[15]
S	28	481.624	249.805	247.136	247.304	246.968	S[14]
G	29	491.127	235.300	232.630	232.798	232.462	G[13]
S	30	505.633	225.796	223.127	223.295	222.959	S[12]
F	31	530.144	211.291	208.621	208.789	208.453	F[11]
K	32	551.493	186.780	184.110	184.278	183.942	K[10]
L	33	570.340	165.431	162.761	162.929	162.593	L[9]
N	34	589.348	146.583	143.913	144.081	143.745	N[8]
K	35	610.697	127.576	124.906	125.074	124.738	K[7]
K	36	636.716	106.227	103.557	103.725	103.389	K[6]
A	37	648.557	80.206	77.536	77.704	77.368	A[5]
A	38	660.397	68.366	65.697	65.865	65.529	A[4]
S	39	681.904	56.527	53.857	54.025	53.689	S[3]
G	40	691.408	35.020	32.350	32.518	32.182	G[2]
E	41	712.915	25.516	22.846	23.014	22.678	E[1]

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNK (Dimethyl) K (Trimethyl) AASGE
 (28.03) (42.05)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.36
- ▶ F097392.dat
- ▶ query=q2784_p1
- ▶ precursor=1069.123000
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA	
R	180	129	4273.492	4267.453	4236.401	4209.446	R(41)
N	260	172	4148.371	4129.338	4130.366	4129.360	N(40)
N	3	374.215	4031.334	4015.315	4016.323	4014.307	N(39)
S	4	461.247	3917.291	3901.272	3902.280	3900.264	S(38)
R	5	617.348	3830.259	3814.240	3815.248	3813.232	R(37)
I	6	730.432	3674.158	3658.139	3659.147	3657.131	I(36)
T	7	832.597	3561.074	3545.055	3546.063	3544.047	T(35)
L	8	971.611	3432.978	3416.959	3417.968	3415.952	L(34)
G	9	1028.632	3319.895	3303.876	3304.884	3302.868	G(33)
L	10	1141.716	3202.873	3186.853	3187.862	3185.846	L(32)
K	11	1269.811	3149.789	3133.771	3134.778	3132.763	K(31)
S	12	1356.843	3021.694	3005.675	3006.683	3004.666	S(30)
L	13	1469.872	2934.662	2918.644	2919.651	2917.635	L(29)
V	14	1568.906	2821.578	2805.559	2806.567	2804.552	V(28)
S	15	1656.028	2722.510	2706.491	2707.499	2705.484	S(27)
K	16	1784.123	2635.478	2619.459	2620.467	2618.451	K(26)
G	17	1841.144	2507.383	2491.364	2492.372	2490.356	G(25)
T	18	1942.192	2450.301	2434.283	2435.290	2433.274	T(24)
L	19	2055.276	2340.314	2324.295	2324.303	2322.287	L(23)
V	20	2194.344	2236.230	2220.211	2221.219	2219.203	V(22)
Q	21	2262.403	2137.161	2121.142	2122.150	2120.134	Q(21)
T	22	2381.451	2009.103	1993.084	1994.092	1992.076	T(20)
K	23	2511.540	1908.055	1892.036		1891.020	K(19)
G	24	2608.567	1779.966	1763.947	1764.949	1762.933	G(18)
T	25	2699.615	1722.938	1706.920	1707.928	1705.912	T(17)
G	26	2726.636	1621.891	1605.872	1606.880	1604.864	G(16)
A	27	2787.673	1564.869	1548.851	1549.858	1547.843	A(15)
S	28	2884.705	1493.832	1477.813	1478.821	1476.805	S(14)
Q	29	2912.727	1406.800	1390.781	1391.789	1389.773	Q(13)
S	30	3026.759	1349.772	1333.753	1334.768	1332.752	S(12)
F	31	3175.827	1262.747	1246.728	1247.736	1245.720	F(11)
K	32	3381.922	1115.678	1099.660	1100.667	1098.652	K(10)
L	33	3417.006	987.583	971.565	972.572	970.557	L(9)
N	34	3531.049	874.499	858.481	859.488	857.473	N(8)
K	35	3627.176	760.405	744.387	745.445	743.430	K(7)
K	36	3857.317	604.330	588.311	589.319	587.304	K(6)
A	37	3938.355	434.188	418.169	419.177	417.162	A(5)
A	38	3999.392	303.151	287.132	288.140	286.124	A(4)
S	39	4086.424	292.114	276.095	277.103	275.087	S(3)
G	40	4133.446	205.082	189.063	189.071	188.055	G(2)
E	41	4272.488	148.060	132.042	133.050	131.034	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNK (Dimethyl) K (Trimethyl) AASGE (28.03) (42.05)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.36
- ▶ F097392.dat
- ▶ query=q2784_p1
- ▶ precursor=1069.123000
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	x	y	z=1	z=2	z	AA
R	13	235.988	2237.240	2229.230	2129.734	2128.728	R(41)
N	21	130.599	2073.182	2066.181	2065.987	2064.679	N(40)
N	3	197.611	2016.171	2008.161	2008.066	2007.057	N(39)
S	4	231.127	1959.149	1951.140	1951.044	1950.036	S(38)
R	5	309.178	1915.633	1907.623	1908.126	1907.120	R(37)
I	6	365.720	1837.583	1829.573	1830.077	1829.069	I(36)
R	7	429.267	1761.041	1773.031	1773.235	1772.227	R(35)
L	8	486.309	1716.993	1708.984	1709.488	1708.480	L(34)
G	9	514.820	1660.451	1652.442	1652.946	1651.938	G(33)
L	10	571.362	1613.946	1623.931	1624.435	1623.427	L(32)
K	11	635.400	1575.399	1587.389	1587.893	1586.885	K(31)
S	12	678.625	1511.351	1503.341	1503.845	1502.838	S(30)
L	13	728.467	1469.835	1469.835	1469.339	1469.331	L(29)
V	14	785.002	1411.293	1403.283	1403.787	1402.779	V(28)
S	15	838.518	1361.759	1353.749	1354.251	1353.245	S(27)
K	16	892.505	1318.243	1310.233	1310.737	1309.729	K(26)
G	17	951.076	1254.195	1246.186	1246.690	1245.682	G(25)
T	18	971.600	1205.064	1217.053	1217.557	1217.171	T(24)
L	19	1028.142	1175.160	1187.151	1187.655	1186.647	L(23)
V	20	1077.676	1118.618	1110.609	1111.113	1110.105	V(22)
Q	21	1141.705	1069.084	1061.075	1061.579	1060.571	Q(21)
T	22	1192.229	1005.055	997.046	997.549	996.542	T(20)
K	23	1256.276	946.511	946.523	947.026	946.018	K(19)
G	24	1264.787	890.484	882.474	882.978	881.970	G(18)
T	25	1335.311	801.973	851.964	854.467	853.460	T(17)
G	26	1363.822	811.449	803.440	803.944	802.936	G(16)
A	27	1399.340	782.939	774.929	775.433	774.425	A(15)
S	28	1422.859	747.420	739.410	739.914	738.906	S(14)
G	29	1471.367	683.904	685.903	686.906	685.909	G(13)
S	30	1514.883	675.391	667.384	667.888	666.880	S(12)
F	31	1588.417	631.877	623.868	624.372	623.364	F(11)
K	32	1652.465	558.343	550.333	550.837	549.830	K(10)
L	33	1709.007	494.295	486.286	486.790	485.782	L(9)
N	34	1766.029	437.757	429.744	430.248	429.240	N(8)
R	35	1844.093	380.732	372.722	373.226	372.219	R(7)
K	36	1928.162	302.666	294.659	295.163	294.155	K(6)
A	37	1984.681	217.598	209.588	210.092	209.084	A(5)
A	38	2000.199	182.079	174.070	174.574	173.566	A(4)
S	39	2043.716	146.561	138.551	139.055	138.047	S(3)
G	40	2072.226	103.045	95.036	95.539	94.531	G(2)
E	41	2136.748	74.534	66.524	67.028	66.021	E(1)

sp | P43277 | H13_MOUSE

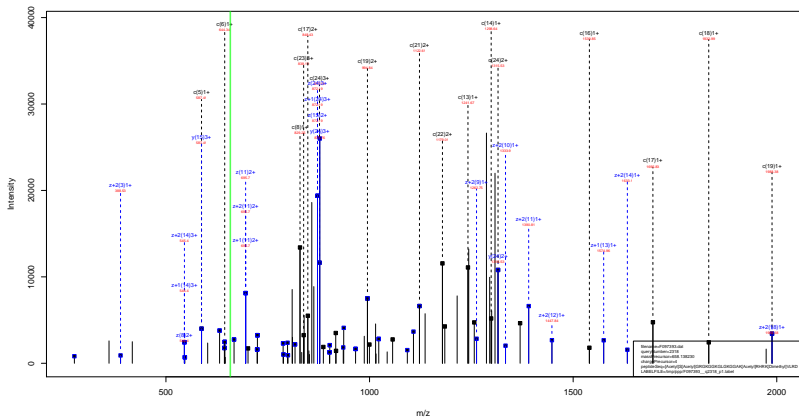
KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNK (Dimethyl) K (Trimethyl) AASGE (28.03) (42.05)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.36
- ▶ F097392.dat
- ▶ query=q2784_p1
- ▶ precursor=1069.123000
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	#=1	#=2	z	AA	
R	1	491.301	1425.102	1415.923	1426.158	1419.487	R[41]
N	2	87.306	1322.654	1317.354	1377.666	1376.780	N[40]
N	3	125.410	1344.045	1339.110	1339.446	1338.774	N[39]
S	4	154.420	1308.435	1301.096	1301.432	1309.760	S[38]
R	5	206.454	1277.425	1272.085	1272.421	1271.740	R[37]
I	6	244.149	1225.391	1220.051	1220.387	1219.715	I[36]
R	7	288.987	1187.696	1182.357	1182.692	1182.022	R[35]
L	8	324.542	1144.955	1139.658	1139.994	1139.322	L[34]
G	9	343.549	1107.303	1101.964	1102.299	1101.628	G[33]
L	10	381.244	1068.296	1062.956	1063.292	1062.620	L[32]
K	11	423.942	1030.601	1025.262	1025.598	1024.926	K[31]
S	12	452.953	1007.903	1002.563	1002.899	1002.227	S[30]
L	13	499.647	978.862	973.523	973.859	973.217	L[29]
V	14	523.670	941.198	935.858	936.194	935.522	V[28]
S	15	552.681	908.175	902.835	903.171	902.499	S[27]
K	16	595.179	879.164	873.825	874.160	873.489	K[26]
G	17	614.366	836.466	831.126	831.462	830.790	G[25]
T	18	648.059	817.455	812.115	812.451	811.780	T[24]
L	19	685.764	783.776	778.436	778.772	778.101	L[23]
V	20	718.786	746.081	740.742	741.078	740.406	V[22]
Q	21	761.473	713.059	707.719	708.055	707.383	Q[21]
T	22	795.115	670.372	665.033	665.369	664.697	T[20]
K	23	837.853	636.690	631.350	631.686	631.014	K[19]
G	24	854.913	593.991	588.652	588.988	588.316	G[18]
T	25	890.543	574.084	568.745	569.081	568.409	T[17]
G	26	909.550	541.302	535.962	536.298	535.626	G[16]
A	27	933.229	522.299	516.959	517.295	516.619	A[15]
S	28	982.240	498.616	493.276	493.612	492.940	S[14]
Q	29	983.249	469.805	464.465	464.801	464.129	Q[13]
S	30	1010.258	450.599	445.258	445.594	444.922	S[12]
F	31	1059.261	421.587	416.248	416.583	415.911	F[11]
K	32	1101.979	372.564	367.225	367.561	366.889	K[10]
L	33	1139.674	329.866	324.526	324.862	324.190	L[9]
N	34	1177.688	292.171	286.832	287.168	286.496	N[8]
R	35	1229.710	254.151	248.811	249.147	248.475	R[7]
K	36	1286.444	202.115	196.775	197.111	196.439	K[6]
A	37	1310.123	145.401	140.061	140.397	139.725	A[5]
A	38	1333.802	121.722	116.382	116.718	116.046	A[4]
S	39	1362.813	98.043	92.703	93.039	92.367	S[3]
G	40	1381.820	69.325	63.985	64.321	63.649	G[2]
E	41	1424.834	50.025	44.685	45.021	44.349	E[1]

sp | P62806 | H4_MOUSE

[Acetyl]S_{42.01} GRGKGGKGLGKGGAK Acetyl_{42.01} RHRK Dimethyl_{28.03} VLRD



sp | P62806 | H4_MOUSE

[Acetyl]S_{42.01} Acetyl GRGKGGKGLGKGGAK_{42.01} Acetyl RHRK_{42.01} Dimethyl VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=92.84
- ▶ F097393.dat
- ▶ query=q2318_p1
- ▶ precursor=658.138230
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	189.087	2629.523	2613.505	0.000	2612.497	S[24]
G[2]	286.108	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	402.210	2401.440	2385.430	2386.438	2384.422	R[22]
G[4]	459.231	2245.340	2229.330	2230.337	2228.321	G[21]
K[5]	587.326	2185.328	2172.307	2173.315	2171.305	K[20]
G[6]	644.347	2060.231	2044.212	2045.220	2043.205	G[19]
G[7]	701.369	2003.210	1987.191	1988.199	1986.181	G[18]
K[8]	829.464	1946.189	1930.170	1931.177	1929.162	K[17]
G[9]	886.485	1818.083	1802.075	1803.082	1801.067	G[16]
L[10]	959.569	1761.072	1745.063	1746.061	1744.045	L[15]
Q[11]	1056.591	1647.985	1631.969	1632.977	1630.961	Q[14]
K[12]	1184.686	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1298.729	1405.850	1389.831	1390.839	1388.821	G[11]
A[15]	1369.766	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1539.871	1277.793	1261.775	1262.780	1260.765	R[9]
R[17]	1695.973	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1833.031	951.585	935.566	936.574	934.558	H[7]
R[19]	1989.133	814.526	798.507	799.515	797.499	R[6]
K[20]	2145.250	658.425	642.406	643.414	641.399	K[5]
V[21]	2244.227	502.366	486.348	487.357	485.272	V[4]
L[22]	2367.413	463.339	447.311	448.319	446.201	L[3]
R[23]	2513.512	290.146	274.127	275.135	273.119	R[2]
D[24]	2628.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S_{42.01} Acetyl GRGKGGKGLGKGGAK_{42.01} RHRK_{42.01} Dimethyl VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=92.84
- ▶ F097393.dat
- ▶ query=q2318_p1
- ▶ precursor=658.138230
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	46.047	1315.265	1307.266	0.504	1306.752	S[24]
G[2]	123.558	1229.739	1221.720	0.504	1221.225	G[23]
K[3]	261.606	1204.299	1193.219	1193.723	1192.715	K[22]
G[4]	230.119	1123.177	1115.188	1115.972	1114.666	G[21]
K[5]	294.157	1094.561	1085.571	1087.161	1086.151	K[20]
G[6]	322.677	1030.619	1022.610	1023.114	1022.106	G[10]
G[7]	351.188	1002.108	994.099	994.603	993.595	G[18]
K[8]	415.236	973.590	965.588	966.092	965.084	K[17]
G[9]	443.746	949.550	901.541	902.045	901.037	G[16]
L[10]	509.298	893.040	873.033	873.534	872.526	L[15]
G[11]	538.799	824.468	816.488	816.992	815.984	G[14]
K[12]	592.847	795.987	787.977	788.481	787.474	K[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	649.865	703.429	695.419	695.923	694.915	G[11]
A[15]	685.389	674.919	666.908	667.412	666.404	A[10]
R[16]	770.439	639.399	631.390	631.894	630.886	R[9]
R[17]	848.490	554.347	546.337	546.841	545.833	R[6]
H[18]	917.019	476.296	468.287	468.791	467.783	H[7]
R[19]	995.070	407.767	399.757	400.261	399.253	R[6]
K[20]	1071.133	329.746	321.737	322.241	321.233	K[5]
V[21]	1122.667	252.693	243.683	244.187	243.180	V[4]
L[22]	1179.209	202.119	194.109	194.613	193.605	L[3]
R[23]	1257.260	145.577	137.567	138.071	137.063	R[2]
D[24]	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S_{42.01} GRGKGGKGLGKGGAK_{42.01} RHRK_{28.03} [Dimethyl]VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=92.84
- ▶ F097393.dat
- ▶ query=q2318_p1
- ▶ precursor=658.138230
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	63.701	877.175	871.840	0.672	871.504	S[24]
G[2]	92.708	820.162	814.827	0.672	814.466	G[23]
R[3]	134.741	801.154	795.819	796.151	795.479	R[22]
G[4]	153.749	749.121	743.781	744.117	743.445	G[21]
K[5]	196.447	730.114	724.774	725.110	724.438	K[20]
G[6]	215.454	687.415	682.076	682.412	681.740	G[19]
G[7]	234.461	668.408	663.069	663.404	662.733	G[18]
K[8]	277.159	649.401	644.061	644.397	643.725	K[17]
G[9]	286.167	636.703	631.363	631.699	631.027	G[16]
L[10]	333.884	587.695	582.356	582.692	582.020	L[15]
G[11]	352.888	550.011	544.661	544.997	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]
R[17]	565.996	369.900	364.561	364.896	364.225	R[8]
H[18]	611.682	317.896	312.527	312.863	312.191	H[7]
R[19]	663.716	272.180	266.841	267.176	266.505	R[6]
K[20]	715.758	220.146	214.807	215.143	214.471	K[5]
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS ^{Acetyl}42.01 KKAVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=93.99
- ▶ F097393.dat
- ▶ query=q2413_p1
- ▶ precursor=672.893890
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
P	1	115.087	2688.541	2672.522	0.000	2671.514	P[25]
D	3	230.114	2391.408	2375.400	0.000	2374.401	D[24]
P	3	327.168	2476.461	2460.441	0.000	2459.434	P[23]
A	4	398.203	2379.408	2363.389	0.000	2362.382	A[22]
K	5	526.298	2308.371	2292.352	2291.360	2291.345	K[21]
S	6	613.330	2180.276	2164.257	2165.265	2163.250	S[20]
A	7	684.366	2093.244	2077.225	2078.233	2078.216	A[19]
P	8	781.420	2022.207	2006.189	2007.196	2006.180	P[18]
A	9	852.457	1925.154	1909.135	1910.143	1908.128	A[17]
P	10	949.510	1854.117	1838.098	1839.106	1837.091	P[16]
K	11	1077.605	1757.064	1741.046	1742.053	1740.038	K[15]
K	12	1265.700	1628.969	1612.951	1613.958	1611.943	K[14]
Q	13	1262.722	1520.874	1485.850	1485.864	1483.846	Q[13]
S	14	1393.104	1443.853	1427.834	1428.842	1426.826	S[12]
K	15	1519.859	1314.810	1298.792	1299.799	1297.784	K[11]
K	16	1647.954	1186.715	1170.697	1171.705	1169.689	K[10]
A	17	1728.991	1058.620	1042.602	1043.610	1041.594	A[9]
V	18	1818.060	987.583	971.565	972.572	970.557	V[8]
T	19	1919.107	868.515	852.498	873.504	871.488	T[7]
K	20	2009.213	787.467	771.449	772.456	770.441	K[6]
V	21	2188.281	617.362	601.343	602.351	600.335	V[5]
Q	22	2316.340	518.293	502.275	503.282	501.267	Q[4]
K	23	2444.435	390.235	374.216	375.224	373.209	K[3]
K	24	2572.530	262.140	246.121	247.129	245.113	K[2]
D	25	2687.557	134.045	118.026	119.034	117.016	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD^{42.01}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=93.99
- ▶ F097393.dat
- ▶ query=q2413_p1
- ▶ precursor=672.893890
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1344.774	1336.765	0.504	1339.261	P[25]
D	3	115.560	1096.249	1206.238	0.504	1287.734	D[3]
F	3	194.097	1238.734	1232.238	0.504	1236.239	F[3]
A	4	199.605	1190.208	1182.198	0.504	1181.694	A[22]
K	5	263.653	1154.689	1146.680	1147.184	1146.176	K[21]
S	6	307.109	1030.642	1082.632	1083.136	1082.129	S[20]
A	7	342.667	1047.126	1039.126	1039.620	1038.612	A[19]
F	8	392.214	1011.607	1002.599	1004.102	1003.094	F[18]
A	9	426.732	983.081	955.071	955.575	954.567	A[17]
P	10	475.259	927.562	919.553	920.057	919.049	P[16]
K	11	539.306	879.036	871.026	871.530	870.523	K[15]
K	12	603.354	814.988	806.979	807.483	806.475	K[14]
G	13	613.864	790.941	742.931	743.435	742.428	G[13]
S	14	698.398	722.420	714.421	714.925	713.917	S[12]
K	15	760.413	657.005	649.999	650.403	649.396	K[11]
K	16	824.481	593.861	585.852	586.356	585.348	K[10]
A	17	859.999	529.014	521.004	522.308	521.301	A[9]
V	18	909.533	494.295	486.286	486.790	485.782	V[8]
T	19	960.057	444.763	436.753	437.256	436.249	T[7]
K	20	1045.110	394.237	386.228	386.732	385.724	K[6]
V	21	1094.644	309.184	301.175	301.679	300.671	V[5]
Q	22	1158.674	259.650	251.641	252.145	251.137	Q[4]
K	23	1222.721	195.621	187.612	188.116	187.109	K[3]
K	24	1286.768	131.574	123.564	124.068	123.060	K[2]
D	25	1344.252	67.526	59.517	60.021	59.013	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD
42.01 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=93.99
- ▶ F097393.dat
- ▶ query=q2413_p1
- ▶ precursor=672.893890
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	896.052	891.512	0.672	891.176	P[25]
D[2]	77.376	864.501	859.161	0.672	858.825	D[24]
P[3]	109.727	826.159	820.819	0.672	820.483	P[23]
A[4]	133.406	793.808	788.468	0.672	788.132	A[22]
K[5]	178.104	770.129	764.789	765.125	764.453	K[21]
S[6]	305.115	727.435	722.095	722.427	721.755	S[20]
A[7]	228.794	698.420	693.080	693.416	692.744	A[19]
P[8]	261.145	674.741	669.401	669.737	669.065	P[18]
A[9]	284.824	642.390	637.050	637.386	636.714	A[17]
P[10]	317.175	618.711	613.371	613.707	613.035	P[16]
K[11]	359.873	586.360	581.020	581.356	580.684	K[15]
K[12]	402.572	543.661	538.322	538.658	537.986	K[14]
G[13]	421.579	500.963	495.623	495.959	495.287	G[13]
S[14]	464.963	481.956	476.616	476.952	476.280	S[12]
K[15]	507.291	438.942	433.602	433.938	433.266	K[11]
K[16]	549.990	396.243	390.904	391.240	390.568	K[10]
A[17]	573.669	353.545	348.205	348.541	347.869	A[9]
V[18]	606.691	329.866	324.526	324.862	324.190	V[8]
T[19]	640.374	296.843	291.504	291.840	291.168	T[7]
K[20]	697.076	263.161	257.821	258.157	257.485	K[6]
V[21]	730.099	206.459	201.119	201.455	200.783	V[5]
Q[22]	772.785	173.436	168.096	168.432	167.760	Q[4]
K[23]	815.483	130.750	125.410	125.746	125.074	K[3]
K[24]	858.181	88.051	82.712	83.048	82.376	K[2]
D[25]	896.524	45.353	40.014	40.349	39.678	D[1]

sp | P70696 | H2B1A_MOUSE

LAK^{Acetyl} 42.01 HAVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.20
- ▶ F097400.dat
- ▶ query=q140_p1
- ▶ precursor=448.745530
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	896.484	880.465	0.000	879.457	L[8]
A[2]	202.155	783.400	767.381	0.000	766.373	A[7]
R[3]	372.261	712.362	696.344	697.352	699.336	R[6]
H[4]	509.319	542.257	526.238	527.246	525.230	H[5]
A[5]	580.357	405.198	389.179	390.187	388.171	A[4]
V[6]	679.425	334.161	318.142	319.150	317.134	V[3]
S[7]	766.457	235.092	219.074	220.082	218.066	S[2]
E[8]	899.500	148.060	132.042	133.050	131.034	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD^{42.01}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=70.44
- ▶ F097403.dat
- ▶ query=q1881_p1
- ▶ precursor=448.930050
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA		
P	1	115.087	2688.541	2672.522	0.000	2671.514	P	25
D	3	239.114	2391.488	2375.469	0.000	2374.461	D	24
P	3	327.166	2676.461	2460.441	0.000	2459.434	P	23
A	4	398.203	2379.408	2363.389	0.000	2362.382	A	22
K	5	526.298	2308.371	2292.352	2291.360	2291.345	K	21
S	6	613.330	2180.276	2164.257	2165.265	2163.250	S	20
A	7	684.368	2093.244	2077.225	2078.233	2078.216	A	19
P	8	781.420	2022.207	2006.189	2007.196	2006.180	P	18
A	9	852.457	1925.154	1909.135	1910.143	1908.128	A	17
P	10	949.510	1854.117	1838.098	1839.106	1837.091	P	16
K	11	1077.605	1757.064	1741.046	1742.053	1740.038	K	15
K	12	1205.700	1628.969	1612.951	1613.958	1611.943	K	14
Q	13	1262.722	1500.874	1484.856	1485.864	1483.849	Q	13
S	14	1361.764	1443.853	1427.834	1428.842	1426.826	S	12
K	15	1519.859	1314.810	1298.792	1299.799	1297.784	K	11
K	16	1647.954	1186.715	1170.697	1171.705	1169.689	K	10
A	17	1728.991	1058.620	1042.602	1043.610	1041.594	A	9
V	18	1818.060	987.583	971.565	972.572	970.557	V	8
T	19	2019.107	888.515	872.496	873.504	871.488	T	7
K	20	2099.213	757.469	771.449	772.456	770.441	K	6
V	21	2188.281	617.362	601.343	602.351	600.335	V	5
Q	22	2316.340	518.293	502.275	503.282	501.267	Q	4
K	23	2444.435	390.235	374.216	375.224	373.209	K	3
K	24	2572.530	262.140	246.121	247.129	245.113	K	2
D	25	2687.557	134.045	135.053	136.061	135.046	D	1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD
42.01 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=70.44
- ▶ F097403.dat
- ▶ query=q1881_p1
- ▶ precursor=448.930050
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1344.774	1336.765	0.504	1338.261	P[25]
D	3	115.560	1236.248	1288.238	0.504	1287.734	D[24]
P	3	104.087	1238.734	1230.725	0.504	1232.221	P[23]
A	4	199.605	1190.208	1182.198	0.504	1181.694	A[22]
K	5	263.653	1154.689	1146.680	1147.184	1146.178	K[21]
S	6	307.169	1090.642	1082.632	1083.136	1082.128	S[20]
A	7	352.687	1047.126	1039.116	1039.620	1038.612	A[19]
P	8	391.214	1011.609	1003.599	1004.102	1003.094	P[18]
A	9	426.732	963.081	955.071	955.575	954.567	A[17]
P	10	475.259	927.563	919.553	920.057	919.049	P[16]
K	11	539.306	879.036	871.026	871.530	870.522	K[15]
K	12	603.354	814.988	806.979	807.483	806.475	K[14]
Q	13	631.864	750.941	742.931	743.435	742.428	Q[13]
S	14	688.398	722.430	714.421	714.925	713.917	S[12]
K	15	760.433	657.909	649.899	650.403	649.396	K[11]
K	16	824.481	593.861	585.852	586.356	585.348	K[10]
A	17	859.999	529.814	521.804	522.308	521.301	A[9]
V	18	909.533	464.765	486.286	486.790	485.782	V[8]
T	19	960.057	414.781	436.752	437.256	436.248	T[7]
K	20	1045.110	394.237	386.228	386.732	385.724	K[6]
V	21	1094.644	309.184	301.175	301.679	300.671	V[5]
Q	22	1158.674	269.650	251.641	252.145	251.137	Q[4]
K	23	1222.721	195.621	187.612	188.116	187.108	K[3]
K	24	1286.768	131.574	123.564	124.068	123.060	K[2]
D	25	1344.282	87.528	89.517	89.021	89.013	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD
42.01 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=70.44
- ▶ F097403.dat
- ▶ query=q1881_p1
- ▶ precursor=448.930050
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	30.034	896.852	891.512	0.672	891.176	P[25]
D	2	77.376	864.501	859.161	0.672	858.825	D[24]
P	3	109.727	826.159	820.819	0.672	820.483	P[23]
A	4	133.406	793.808	788.468	0.672	788.132	A[22]
K	5	176.104	770.129	764.789	765.125	764.453	K[21]
S	6	205.115	727.436	722.091	722.427	721.759	S[20]
A	7	228.794	698.420	691.560	693.416	692.744	A[19]
P	8	291.145	674.741	669.401	669.737	669.105	P[18]
A	9	284.824	642.890	637.050	637.386	636.714	A[17]
P	10	317.175	618.711	613.371	613.707	613.035	P[16]
K	11	359.873	586.360	581.020	581.356	580.684	K[15]
K	12	402.572	543.061	538.322	538.658	537.986	K[14]
G	13	421.579	500.963	495.623	495.959	495.287	G[13]
S	14	468.593	481.956	476.616	476.952	476.280	S[12]
K	15	507.291	438.942	433.602	433.938	433.266	K[11]
K	16	549.990	396.243	390.904	391.240	390.568	K[10]
A	17	573.669	353.545	348.205	348.541	347.869	A[9]
V	18	606.691	320.866	324.526	324.862	324.190	V[8]
T	19	640.374	296.843	291.504	291.840	291.168	T[7]
K	20	697.076	263.161	257.821	258.157	257.485	K[6]
V	21	730.099	206.459	201.119	201.455	200.783	V[5]
Q	22	772.785	173.436	168.096	168.432	167.760	Q[4]
K	23	815.483	130.750	125.410	125.746	125.074	K[3]
K	24	858.181	88.051	82.712	83.048	82.376	K[2]
D	25	896.524	45.353	40.014	40.349	39.678	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD
42.01 42.01

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=70.44
- ▶ F097403.dat
- ▶ query=q1881_p1
- ▶ precursor=448.930050
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	672.891	668.886	0.755	668.634	P[25]
D[2]	58.284	648.627	644.623	0.755	644.371	D[24]
P[3]	82.547	619.871	615.866	0.755	615.614	P[23]
A[4]	100.306	595.608	591.603	0.755	591.351	A[22]
K[5]	132.130	577.848	573.844	574.096	573.592	K[21]
S[6]	154.088	549.324	541.820	542.072	541.568	S[20]
A[7]	171.947	524.056	520.052	520.314	519.810	A[19]
P[8]	196.111	506.307	502.303	502.554	502.051	P[18]
A[9]	213.870	482.044	478.039	478.291	477.787	A[17]
P[10]	236.133	464.285	460.280	460.532	460.028	P[16]
K[11]	270.157	440.022	436.017	436.269	435.765	K[15]
K[12]	302.180	407.998	403.993	404.245	403.741	K[14]
G[13]	316.436	375.974	371.969	372.221	371.717	G[13]
S[14]	348.696	361.719	357.714	357.966	357.462	S[12]
K[15]	389.720	329.458	325.453	325.705	325.201	K[11]
K[16]	412.744	297.434	293.430	293.682	293.178	K[10]
A[17]	430.503	265.411	261.406	261.658	261.154	A[9]
V[18]	455.270	247.651	243.647	243.899	243.395	V[8]
T[19]	480.532	222.884	218.880	219.131	218.628	T[7]
K[20]	523.059	197.622	193.618	193.870	193.366	K[6]
V[21]	547.826	155.096	151.091	151.343	150.839	V[5]
Q[22]	579.840	130.329	126.324	126.576	126.072	Q[4]
K[23]	611.864	98.314	94.309	94.561	94.057	K[3]
K[24]	643.888	66.290	62.285	62.538	62.034	K[2]
D[25]	672.045	34.261	30.253	30.514	30.010	D[1]

sp | Q64525 | H2B2B_MOUSE

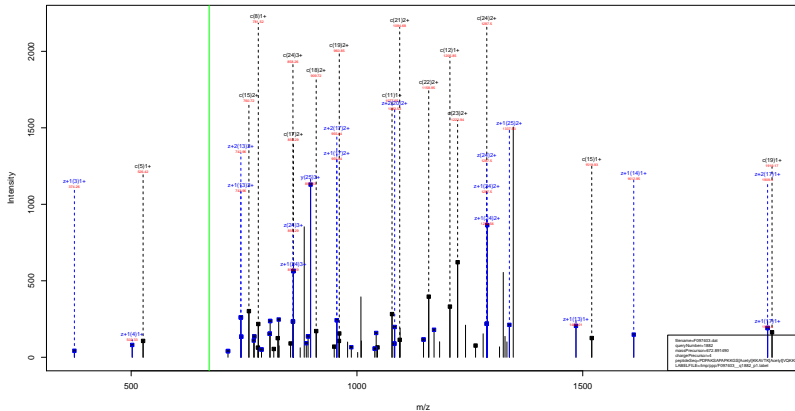
PDKAKSAPAPKKGS ^{Acetyl}42.01 KKAVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=70.44
- ▶ F097403.dat
- ▶ query=q1881_p1
- ▶ precursor=448.930050
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	23.623	538.514	535.310	0.806	535.109	P[25]
D[2]	46.629	519.103	515.900	0.806	515.698	D[24]
F[3]	66.239	496.098	492.894	0.806	492.693	F[23]
A[4]	80.447	476.687	473.484	0.806	473.282	A[22]
K[5]	106.065	462.480	459.276	459.478	459.075	K[21]
S[6]	123.472	436.861	433.657	433.859	433.056	S[20]
A[7]	137.079	419.652	416.251	419.652	416.049	A[19]
F[8]	157.090	405.247	402.043	402.245	401.842	F[18]
A[9]	171.297	385.837	382.633	382.834	382.431	A[17]
P[10]	190.708	371.629	368.425	368.627	368.224	P[16]
K[11]	216.327	352.219	349.015	349.217	348.813	K[15]
K[12]	241.946	326.600	323.396	323.598	323.194	K[14]
G[13]	253.350	300.981	297.777	297.979	297.575	G[13]
S[14]	279.159	289.576	286.373	286.574	286.171	S[12]
K[15]	304.778	283.768	280.564	280.766	280.363	K[11]
K[16]	330.397	278.149	274.945	275.147	274.744	K[10]
A[17]	344.604	272.530	269.326	269.528	269.125	A[9]
V[18]	364.418	198.122	195.119	195.320	194.917	V[8]
T[19]	384.627	178.509	175.305	175.507	175.103	T[7]
K[20]	418.648	158.299	155.096	155.297	154.894	K[6]
V[21]	438.462	124.278	121.074	121.276	120.873	V[5]
Q[22]	464.074	104.464	101.261	101.462	101.059	Q[4]
K[23]	489.693	78.853	75.649	75.851	75.447	K[3]
K[24]	515.312	53.234	50.030	50.232	49.828	K[2]
D[25]	538.317	27.613	24.411	24.613	24.209	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS ^{Acetyl}KKAVTK ^{Acetyl}VQKKD
42.01 42.01



sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl}42.01 KKAVTK^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=80.75
- ▶ F097403.dat
- ▶ query=q1882_p1
- ▶ precursor=672.891490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P	115.087	2688.541	2672.522	0.000	2671.514	P25
D	210.114	2591.488	2575.469	0.000	2574.461	D24
P	327.106	2476.461	2460.442	0.000	2459.434	P23
A	398.203	2379.408	2363.389	0.000	2362.382	A22
K	526.298	2308.371	2292.352	2293.360	2291.345	K21
S	613.330	2180.276	2164.257	2165.265	2163.250	S20
A	664.368	2093.244	2077.225	2078.233	2076.218	A19
P	781.420	2022.201	2006.182	2007.190	2005.169	P18
A	852.457	1925.154	1909.135	1910.143	1908.128	A17
P	949.510	1854.117	1838.098	1839.106	1837.091	P16
K	1077.605	1757.064	1741.045	1742.053	1740.038	K15
K	1205.700	1628.969	1612.951	1613.958	1611.943	K14
G	1262.722	1530.874	1484.856	1485.864	1483.848	G13
S	1391.954	1443.831	1427.812	1428.820	1426.805	S12
K	1519.859	1314.810	1298.792	1299.799	1297.784	K11
K	1647.954	1186.715	1170.697	1171.705	1169.689	K10
A	1718.991	1058.620	1042.602	1043.610	1041.594	A09
V	1818.060	987.583	971.565	972.572	970.557	V08
T	1919.107	888.515	872.496	873.504	871.488	T07
R	2039.213	759.489	741.469	742.456	740.441	R06
V	2188.281	617.362	601.343	602.351	600.335	V05
Q	2316.340	518.293	502.275	503.282	501.267	Q04
K	2444.435	390.235	374.216	375.224	373.208	K03
K	2572.530	262.140	246.121	247.129	245.113	K02
D	2687.557	134.045	118.028	119.034	117.018	D01

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS ^{Acetyl}42.01 KKAVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=80.75
- ▶ F097403.dat
- ▶ query=q1882_p1
- ▶ precursor=672.891490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	a+1	a+2	z	AA
P	1	58.047	1344.774	1336.765	0.504	138.261	P[25]
D	3	115.560	1296.248	1288.238	0.504	1387.734	D[24]
P	3	104.087	1238.734	1230.725	0.504	1232.221	P[23]
A	4	199.605	1190.208	1182.199	0.504	1181.694	A[22]
K	5	263.653	1154.689	1146.680	1147.184	1146.178	K[21]
S	6	307.169	1090.642	1082.632	1083.136	1082.128	S[20]
A	7	362.697	1047.126	1039.116	1039.620	1038.612	A[19]
P	8	393.214	911.609	1003.599	1004.102	1003.094	P[18]
A	9	426.732	963.081	955.071	955.575	954.567	A[17]
P	10	475.259	927.563	919.553	920.057	919.049	P[16]
K	11	539.306	879.036	871.026	871.530	870.523	K[15]
K	12	603.354	814.988	806.979	807.483	806.475	K[14]
Q	13	633.384	750.941	742.931	743.435	742.428	Q[13]
S	14	696.398	722.430	714.421	714.925	713.917	S[12]
K	15	760.433	657.909	649.899	650.403	649.396	K[11]
K	16	824.481	593.861	585.852	586.356	585.348	K[10]
A	17	859.999	529.814	521.804	522.308	521.301	A[9]
V	18	909.533	464.795	456.785	457.289	456.282	V[8]
T	19	960.057	404.761	436.752	437.256	436.249	T[7]
K	20	1045.110	394.727	386.720	387.224	386.217	K[6]
V	21	1094.644	309.184	301.175	301.679	300.671	V[5]
Q	22	1158.674	259.650	251.641	252.145	251.137	Q[4]
K	23	1222.721	195.621	187.612	188.116	187.108	K[3]
K	24	1286.766	131.574	123.564	124.068	123.060	K[2]
D	25	1344.282	87.528	89.537	89.021	89.013	D[1]

sp | Q64525 | H2B2B_MOUSE

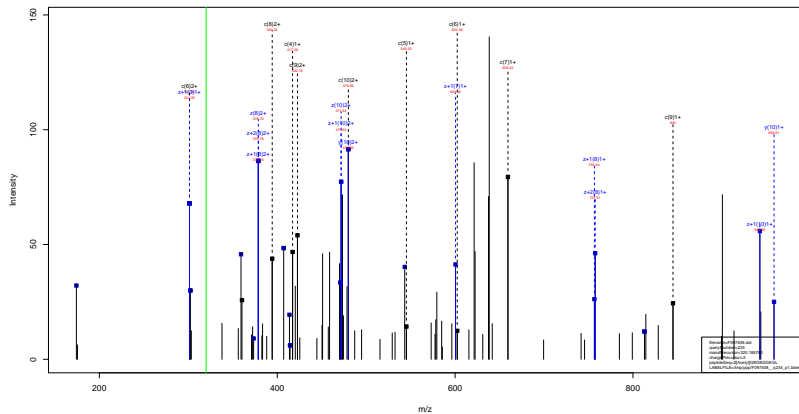
PDKASAPAPKKGS^{Acetyl}42.01 KKAVTK^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=80.75
- ▶ F097403.dat
- ▶ query=q1882_p1
- ▶ precursor=672.891490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	896.052	891.512	0.672	891.176	P[25]
D[2]	77.376	864.501	859.161	0.672	858.825	D[24]
P[3]	109.727	826.159	820.819	0.672	820.483	P[23]
A[4]	133.406	793.808	788.468	0.672	788.132	A[22]
K[5]	178.104	770.129	764.789	765.125	764.453	K[21]
S[6]	205.115	727.435	722.001	722.437	721.795	S[20]
A[7]	228.794	698.420	693.080	693.416	692.744	A[19]
P[8]	261.145	674.741	669.401	669.737	669.065	P[18]
A[9]	284.824	642.390	637.050	637.386	636.714	A[17]
P[10]	317.175	618.711	613.371	613.707	613.035	P[16]
K[11]	359.873	586.360	581.020	581.356	580.684	K[15]
K[12]	402.572	543.661	538.322	538.658	537.986	K[14]
G[13]	421.579	500.963	495.623	495.959	495.287	G[13]
S[14]	464.963	481.956	476.616	476.952	476.280	S[12]
K[15]	507.291	438.942	433.602	433.938	433.266	K[11]
K[16]	549.990	396.243	390.904	391.240	390.568	K[10]
A[17]	573.669	353.543	348.204	348.541	347.869	A[9]
V[18]	606.691	329.866	324.526	324.862	324.190	V[8]
T[19]	640.374	296.843	291.504	291.840	291.168	T[7]
K[20]	697.076	263.161	257.821	258.157	257.485	K[6]
V[21]	730.099	206.459	201.119	201.455	200.783	V[5]
Q[22]	772.785	173.438	168.098	168.432	167.760	Q[4]
K[23]	815.483	130.750	125.410	125.746	125.074	K[3]
K[24]	858.181	88.051	82.712	83.048	82.376	K[2]
D[25]	896.524	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.06
- ▶ F097408.dat
- ▶ query=q234_p1
- ▶ precursor=320.185780
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.516	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
Q[4]	417.220	616.378	600.359	601.367	599.351	Q[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	797.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	389.123	373.105	374.112	372.097	G[2]
L[10]	957.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.06
- ▶ F097408.dat
- ▶ query=q234_p1
- ▶ precursor=320.185780
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	479.775	471.766	0.504	471.262	S[10]
G[2]	102.553	415.254	407.244	0.504	406.740	G[9]
R[3]	180.603	386.743	378.734	379.238	378.230	R[8]
Q[4]	209.114	308.092	300.683	301.187	300.179	Q[7]
K[5]	273.161	280.182	272.172	272.676	271.668	K[6]
G[6]	301.672	216.134	208.125	208.629	207.621	G[5]
G[7]	330.183	187.624	179.614	180.118	179.110	G[4]
K[8]	394.230	139.114	131.103	131.607	130.600	K[3]
G[9]	422.741	95.065	87.056	87.560	86.552	G[2]
L[10]	479.283	56.555	58.545	59.049	58.041	L[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.87
- ▶ F097409.dat
- ▶ query=q3967_p1
- ▶ precursor=823.675610
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.079	4114.325	4098.306	0.000	4097.206	S[42]
E	2	276.119	3985.282	3969.263	0.000	3968.258	E[41]
A	3	347.156	3856.240	3840.221	0.000	3839.213	A[40]
A	4	418.193	3727.198	3711.179	0.000	3710.174	A[39]
P	5	515.246	3714.165	3698.147	0.000	3697.139	P[38]
A	6	586.283	3617.133	3601.094	0.000	3600.086	A[37]
A	7	657.320	3546.075	3530.057	0.000	3529.049	A[36]
P	8	754.373	3475.038	3459.020	0.000	3458.013	P[35]
A	9	825.410	3377.998	3361.967	0.000	3360.959	A[34]
A	10	896.447	3306.948	3290.930	0.000	3289.922	A[33]
A	11	967.484	3235.911	3219.893	0.000	3218.885	A[32]
P	12	1064.537	3164.874	3148.856	0.000	3147.848	P[31]
P	13	1161.590	3093.837	3077.819	0.000	3076.811	P[30]
A	14	1232.627	2970.769	2954.750	0.000	2953.742	A[29]
E	15	1361.676	2899.732	2883.713	0.000	2882.705	E[28]
R	16	1489.765	2770.689	2754.670	2738.678	2737.669	R[27]
A	17	1586.802	2642.594	2626.575	2627.583	2625.568	A[26]
P	18	1657.854	2571.557	2555.538	2556.546	2554.530	P[25]
A	19	1728.892	2474.504	2458.485	2459.493	2457.478	A[24]
K	20	1856.988	2403.467	2387.448	2388.456	2386.441	K[23]
K	21	1985.084	2275.392	2259.373	2260.381	2258.366	K[22]
K	22	2113.178	2147.317	2131.298	2132.306	2130.291	K[21]
A	23	2184.214	2019.182	2003.163	2004.171	2002.156	A[20]
A	24	2255.251	1948.145	1932.126	1933.134	1931.119	A[19]
K	25	2383.346	1877.108	1861.089	1862.097	1860.082	K[18]
K	26	2511.441	1749.013	1733.994	1734.002	1731.986	K[17]
P	27	2639.536	1620.938	1604.919	1605.927	1603.912	P[16]
A	28	2678.573	1551.899	1535.880	1536.888	1534.873	A[15]
G	29	2736.552	1452.828	1436.809	1437.817	1435.802	G[14]
V	30	2835.620	1395.807	1379.788	1380.796	1378.780	V[13]
R	31	2991.721	1296.738	1280.720	1281.727	1279.712	R[12]
R	32	3147.823	1140.637	1124.618	1125.626	1123.611	R[11]
R	33	3275.918	894.536	968.517	969.525	967.509	R[10]
A	34	3366.955	856.441		941.420	939.413	A[9]
S	35	3433.987	795.404	799.385	770.393	768.377	S[8]
G	36	3491.008	696.372	682.353	683.361	681.345	G[7]
P	37	3588.001	641.350	625.332	626.340	624.324	P[6]
P	38	3685.114	544.288	538.270	539.287	537.271	P[5]
V	39	3784.182	447.245	441.226	432.234	430.218	V[4]
S	40	3871.214	348.177	332.158	333.166	331.150	S[3]
E	41	4000.257	261.144	245.126	246.134	244.118	E[2]
L	42	4113.341	132.022	118.003	117.001	115.075	L[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAACKKPAGVRRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=37.87
- ▶ F097409.dat
- ▶ query=q3967_p1
- ▶ precursor=823.675610
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2057.666	2049.657	0.504	2049.153	S(42)
E	2	138.563	1093.145	1085.135	0.504	1084.631	E(41)
A	3	174.082	1028.623	1020.614	0.504	1020.110	A(40)
A	4	209.600	1043.705	1035.695	0.504	1034.592	A(39)
F	5	298.127	1857.586	1849.577	0.504	1849.073	F(38)
A	6	293.645	1859.060	1851.051	0.504	1850.547	A(37)
A	7	338.164	1773.541	1765.532	0.504	1765.028	A(36)
F	8	377.690	1738.023	1730.013	0.504	1729.510	F(35)
A	9	413.209	1689.496	1681.487	0.504	1680.983	A(34)
A	10	448.727	1653.976	1645.969	0.504	1645.465	A(33)
A	11	484.246	1618.455	1610.450	0.504	1609.946	A(32)
F	12	532.772	1582.941	1574.931	0.504	1574.427	F(31)
F	13	581.290	1534.414	1526.405	0.504	1525.901	F(30)
A	14	616.817	1485.888	1477.879	0.504	1477.375	A(29)
E	15	661.336	1450.369	1442.360	0.504	1441.856	E(28)
R	16	745.386	1386.846	1377.839	1378.343	1377.338	R(27)
A	17	780.904	1321.801	1313.791	1314.295	1313.287	A(26)
F	18	829.431	1286.282	1278.273	1278.777	1277.769	F(25)
A	19	864.949	1237.756	1229.746	1230.250	1229.242	A(24)
K	20	928.997	1202.227	1194.218	1194.732	1193.724	K(23)
K	21	993.044	1138.190	1130.180	1130.684	1129.676	K(22)
R	22	1057.092	1074.142	1066.133	1066.637	1065.629	R(21)
A	23	1092.100	1010.095	1002.085	1002.589	1001.581	A(20)
A	24	1128.129	974.576	966.567	967.071	966.063	A(19)
K	25	1192.176	939.058	931.048	931.552	930.544	K(18)
K	26	1259.228	875.010	867.001	867.505	866.497	K(17)
F	27	1304.740	810.963	802.953	803.457	802.449	F(16)
A	28	1340.269	762.435	754.427	754.931	753.923	A(15)
G	29	1388.780	726.918	718.908	719.412	718.404	G(14)
V	30	1418.314	698.407	690.398	690.902	689.894	V(13)
R	31	1496.364	648.873	640.863	641.367	640.359	R(12)
R	32	1574.415	610.822	602.813	603.317	602.309	R(11)
R	33	1633.442	602.772	604.762	605.266	604.258	R(10)
A	34	1673.961	428.724	420.715	421.219	420.211	A(9)
S	35	1717.497	391.206	383.196	383.700	382.692	S(8)
G	36	1746.028	349.690	341.680	342.184	341.176	G(7)
F	37	1784.534	321.179	313.170	313.673	312.665	F(6)
F	38	1843.680	272.652	264.643	265.147	264.139	F(5)
V	39	1892.595	224.120	216.111	216.621	215.612	V(4)
S	40	1936.111	174.592	166.583	167.086	166.078	S(3)
E	41	2000.632	131.076	123.067	123.570	122.562	E(2)
L	42	2057.174	66.555	58.545	59.049	58.041	L(1)

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=37.87
- ▶ F097409.dat
- ▶ query=q3967_p1
- ▶ precursor=823.675610
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1372.113	1366.774	0.672	1366.436	S[42]
E	2	92.711	1329.099	1323.759	0.672	1323.421	E[41]
A	3	126.390	1236.955	1260.745	0.672	1260.409	A[40]
A	4	140.059	1267.406	1257.064	0.672	1256.730	A[39]
P	5	172.420	1238.727	1233.357	0.672	1233.051	P[38]
A	6	196.099	1206.376	1201.036	0.672	1200.700	A[37]
A	7	219.778	1182.697	1177.357	0.672	1177.021	A[36]
P	8	252.129	1159.018	1153.676	0.672	1153.342	P[35]
A	9	275.808	1126.667	1121.327	0.672	1120.990	A[34]
A	10	299.487	1094.316	1088.976	0.672	1088.641	A[33]
A	11	323.166	1061.965	1056.625	0.672	1056.289	A[32]
P	12	355.517	1055.630	1050.290	0.672	1049.954	P[31]
P	13	387.868	1023.270	1017.929	0.672	1017.603	P[30]
A	14	411.547	990.920	985.588	0.672	985.252	A[29]
E	15	454.201	967.249	961.909	0.672	961.573	E[28]
R	16	497.260	924.233	918.895	918.231	918.559	R[27]
A	17	520.939	881.530	876.197	876.533	875.861	A[26]
P	18	553.290	857.857	852.518	852.854	852.182	P[25]
A	19	576.969	825.506	820.167	820.503	819.831	A[24]
K	20	619.667	801.827	796.488	796.824	796.152	K[23]
K	21	662.265	779.129	773.789	774.125	773.453	K[22]
K	22	705.064	736.431	731.091	731.427	730.755	K[21]
A	23	728.743	673.732	668.393	668.729	668.057	A[20]
A	24	752.422	650.053	644.714	645.050	644.378	A[19]
K	25	795.120	626.374	621.035	621.371	620.699	K[18]
K	26	837.818	583.676	578.336	578.672	578.000	K[17]
P	27	870.169	540.976	535.636	535.974	535.302	P[16]
K	28	893.148	508.927	503.587	503.923	503.251	K[15]
G	29	912.855	484.940	479.600	479.944	479.272	G[14]
V	30	945.878	465.940	460.601	460.937	460.265	V[13]
R	31	997.912	432.918	427.578	427.914	427.242	R[12]
R	32	1049.946	380.884	375.544	375.880	375.208	R[11]
K	33	1092.644	328.850	323.511	323.847	323.175	K[10]
A	34	1115.619	286.152	280.812	281.148	280.476	A[9]
S	35	1145.334	262.473	257.133	257.469	256.797	S[8]
G	36	1164.341	233.462	228.123	228.459	227.787	G[7]
P	37	1196.692	214.455	209.115	209.451	208.779	P[6]
P	38	1229.043	182.104	176.765	177.100	176.429	P[5]
V	39	1262.666	149.753	144.414	144.750	144.078	V[4]
S	40	1291.676	116.780	111.441	111.777	111.105	S[3]
E	41	1334.030	87.220	82.380	82.716	82.044	E[2]
L	42	1371.785	44.705	39.366	39.702	39.030	L[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAACKKPAGVRRKASGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=37.87
- ▶ F097409.dat
- ▶ query=q3967_p1
- ▶ precursor=823.675610
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1029.337	1025.332	0.755	1025.080	S[42]
E	2	69.785	997.070	993.071	0.755	992.819	E[41]
A	3	67.544	968.315	960.811	0.755	960.550	A[40]
A	4	105.304	947.056	943.051	0.755	942.790	A[39]
P	5	129.567	929.297	925.292	0.755	925.040	P[38]
A	6	147.836	905.034	901.029	0.755	900.777	A[37]
A	7	165.696	887.274	883.270	0.755	883.010	A[36]
P	8	189.349	869.515	865.510	0.755	865.250	P[35]
A	9	207.108	845.252	841.247	0.755	840.990	A[34]
A	10	224.867	827.491	823.486	0.755	823.230	A[33]
A	11	242.627	809.733	805.729	0.755	805.477	A[32]
P	12	266.890	791.974	787.969	0.755	787.711	P[31]
P	13	291.153	767.711	763.706	0.755	763.454	P[30]
A	14	308.912	743.448	739.443	0.755	739.191	A[29]
E	15	341.173	725.688	721.684	0.755	721.432	E[28]
R	16	373.197	693.421	689.423	0.699	689.171	R[27]
A	17	390.956	661.404	657.399	0.657	657.147	A[26]
P	18	415.219	643.645	639.640	639.892	639.380	P[25]
A	19	432.978	619.381	615.377	615.629	615.125	A[24]
K	20	465.002	601.622	597.618	597.869	597.366	K[23]
K	21	497.026	589.598	585.594	585.846	585.342	K[22]
K	22	529.050	577.575	573.570	573.822	573.318	K[21]
A	23	546.809	555.551	551.546	551.798	551.294	A[20]
A	24	564.568	487.792	483.787	484.039	483.535	A[19]
K	25	596.592	470.037	466.028	466.280	465.776	K[18]
K	26	628.616	438.000	434.004	434.256	433.752	K[17]
P	27	652.879	405.985	401.980	402.232	401.728	P[16]
K	28	670.638	381.721	377.717	377.969	377.465	K[15]
G	29	684.893	363.962	359.958	360.210	359.706	G[14]
V	30	709.661	349.707	345.702	345.954	345.450	V[13]
R	31	748.686	324.940	320.935	321.187	320.683	R[12]
R	32	787.711	285.915	281.910	282.162	281.658	R[11]
K	33	819.735	246.889	242.885	243.137	242.633	K[10]
A	34	837.494	214.866	210.863	211.113	210.609	A[9]
S	35	859.252	197.106	193.102	193.354	192.850	S[8]
G	36	873.507	175.348	171.344	171.596	171.092	G[7]
P	37	897.771	161.097	157.088	157.340	156.836	P[6]
P	38	922.034	136.830	132.825	133.077	132.573	P[5]
V	39	945.801	112.567	108.562	108.814	108.310	V[4]
S	40	968.559	87.800	83.795	84.047	83.543	S[3]
E	41	1000.820	65.042	62.037	62.289	61.785	E[2]
L	42	1029.091	33.781	29.776	30.028	29.524	L[1]

sp | P62806 | H4_MOUSE

GKGGAK ^{Acetyl}42.01 RHRK ^{Dimethyl}28.03 VL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.96
- ▶ F097410.dat
- ▶ query=q1729_p1
- ▶ precursor=459.625100
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G 1	75.055	1376.860	1360.841	0.000	1359.833	G 12
K 2	263.150	1319.836	1303.820	1304.857	1302.812	K 11
G 3	266.172	1192.743	1175.725	1176.732	1174.711	G 10
G 4	317.193	1134.722	1118.703	1119.711	1117.695	G 9
A 5	388.230	1077.700	1061.682	1062.689	1060.674	A 8
K 6	558.336	1006.663	990.645	991.652	989.637	K 7
R 7	714.437	836.559	820.539	821.547	819.531	R 6
H 8	851.496	680.457	664.438	665.446	663.431	H 5
R 9	1007.597	543.395	527.379	528.387	526.371	R 4
K 10	1163.723	387.297	371.278	372.286	370.270	K 3
V 11	1262.792	231.170	215.152	216.159	214.144	V 2
L 12	1375.876	132.102	116.083	117.091	115.075	L 1

sp | P62806 | H4_MOUSE

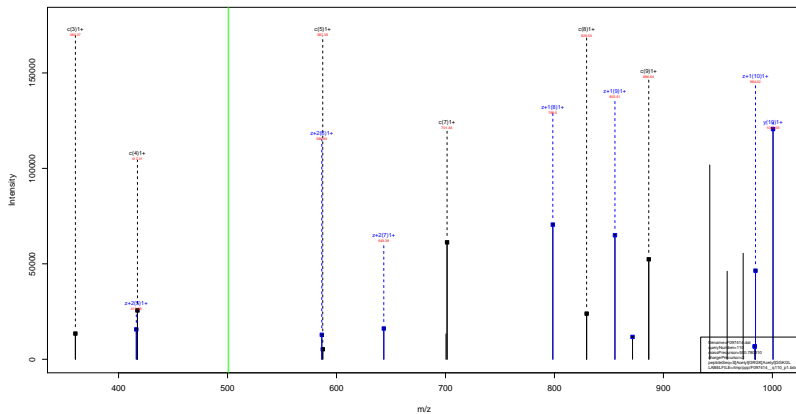
GKGGAK^{Acetyl} RHRK^{Dimethyl} VL^{28.03}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=31.96
- ▶ F097410.dat
- ▶ query=q1729_p1
- ▶ precursor=459.625100
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G[1]	38.031	688.933	680.924	0.504	680.420	G[12]
K[2]	102.079	660.423	652.413	652.917	651.309	K[11]
G[3]	130.589	596.175	588.366	588.870	587.862	G[10]
G[4]	159.100	567.805	559.855	560.359	559.351	G[9]
A[5]	194.619	539.354	511.344	511.848	510.841	A[8]
K[6]	279.672	503.835	495.820	496.330	495.322	K[7]
R[7]	357.722	418.782	410.773	411.277	410.269	R[6]
H[8]	426.252	340.732	332.723	333.226	332.219	H[5]
K[9]	504.302	272.202	264.193	264.697	263.689	K[4]
K[10]	582.365	194.152	186.143	186.646	185.639	K[3]
V[11]	631.899	116.089	108.079	108.583	107.576	V[2]
L[12]	688.441	06.555	58.545	59.048	58.041	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK
42.01 GGKGL



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} GGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.48
- ▶ F097414.dat
- ▶ query=q110-p1
- ▶ precursor=500.780310
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
S	1	147.076	1000.553	984.535	0.000	983.527	S	10
G	2	204.098	871.511	855.492	0.000	854.484	G	9
R	3	360.199	814.489	798.471	799.478	797.463	R	8
G	4	417.220	658.388	642.370	643.377	641.362	G	7
K	5	587.326	601.367	585.348	586.356	584.340	K	6
G	6	644.347	431.261	415.243	416.250	414.235	G	5
G	7	701.369	374.240	358.221	359.229	357.213	G	4
K	8	823.464	317.218	301.200	302.207	300.192	K	3
G	9	886.485	189.123	173.105	174.112	172.090	G	2
L	10	959.509	132.102	116.083	117.091	115.075	L	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} 28.03 VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=148.32
- ▶ F097416.dat
- ▶ query=q1564_p1
- ▶ precursor=608.378550
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2430.475	2414.457	0.000	2413.449	S[23]
G[2]	204.098	2301.433	2285.414	0.000	2284.406	G[22]
R[3]	360.199	2244.411	2228.392	2229.400	2227.385	R[21]
G[4]	417.220	2088.310	2072.291	2073.299	2071.284	G[20]
K[5]	545.315	2031.289	2015.270	2016.278	2014.262	K[19]
G[6]	602.337	1973.184	1887.175	1888.183	1889.167	G[18]
G[7]	659.358	1846.172	1830.153	1831.161	1829.146	G[17]
K[8]	787.453	1789.151	1773.132	1774.140	1772.124	K[16]
G[9]	844.475	1661.056	1645.037	1646.045	1644.029	G[15]
L[10]	957.559	1604.034	1588.015	1589.023	1587.008	L[14]
G[11]	1014.580	1490.950	1474.932	1475.939	1473.924	G[13]
R[12]	1142.675	1433.929	1417.910	1418.918	1416.903	R[12]
G[13]	1199.697	1305.834	1289.815	1290.823	1288.807	G[11]
G[14]	1256.718	1248.812	1232.794	1233.801	1231.786	G[10]
A[15]	1327.755	1191.791	1175.772	1176.780	1174.764	A[9]
K[16]	1455.850	1120.754	1104.735	1105.743	1103.727	K[8]
R[17]	1611.951	860.659	875.648	977.646	975.632	R[7]
R[18]	1749.010	638.558	620.539	621.547	619.533	R[6]
R[19]	1905.111	609.499	681.480	684.488	682.472	R[5]
K[20]	2061.238	543.398	527.379	528.387	526.371	K[4]
V[21]	2169.306	407.271	371.253	372.261	370.245	V[3]
L[22]	2273.390	388.203	272.184	273.192	271.176	L[2]
R[23]	2429.491	175.119	199.100	199.108	198.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLR_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=148.32
- ▶ F097416.dat
- ▶ query=q1564_p1
- ▶ precursor=608.378550
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1215.741	1207.732	0.904	1207.220	S 21
G 2	102.553	1151.220	1143.211	0.904	1142.707	G 22
R 3	180.603	1122.709	1114.700	1115.204	1114.190	R 21
G 4	209.114	1044.659	1036.649	1037.153	1036.143	G 20
K 5	273.161	1016.148	1008.139	1008.643	1007.633	K 19
G 6	301.672	952.300	944.001	944.505	943.597	G 18
G 7	330.183	923.590	915.580	916.084	915.076	G 17
K 8	394.230	895.079	887.070	887.574	886.566	K 16
G 9	422.741	831.053	823.022	823.526	822.518	G 15
L 10	479.283	802.521	794.511	795.015	794.000	L 14
G 11	507.794	748.979	737.969	738.473	737.463	G 13
K 12	571.844	717.460	709.459	709.963	708.955	K 12
G 13	600.352	651.421	645.411	645.915	644.907	G 11
G 14	638.863	624.910	616.900	617.404	616.397	G 10
A 15	664.301	590.399	588.390	588.894	587.886	A 9
K 16	728.429	560.881	552.871	553.375	552.367	K 8
R 17	806.479	498.833	488.824	489.328	488.320	R 7
H 18	875.009	418.782	410.773	411.277	410.269	H 6
R 19	953.059	350.253	342.244	342.748	341.740	R 5
K 20	1031.122	272.202	264.193	264.697	263.689	K 4
V 21	1080.657	194.139	186.130	186.634	185.626	V 3
L 22	1137.209	144.605	136.596	137.100	136.092	L 1
R 23	1215.249	98.051	89.044	89.548	79.540	R 1

sp | P62806 | H4_MOUSE

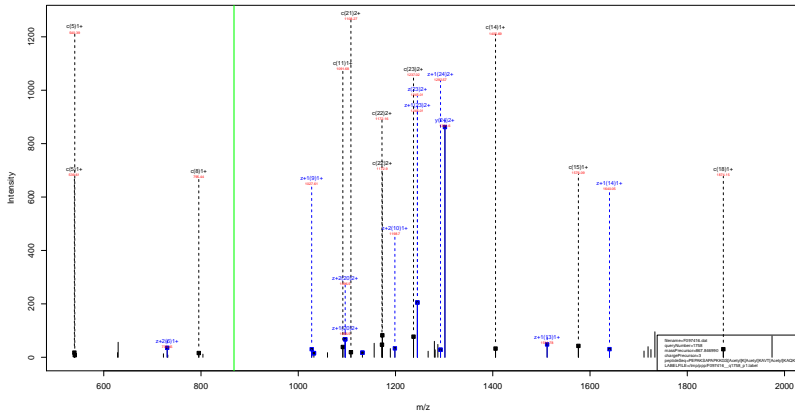
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLR_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=148.32
- ▶ F097416.dat
- ▶ query=q1564_p1
- ▶ precursor=608.378550
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	810.830	805.490	0.672	805.154	S[23]
G	[2]	68.704	767.816	762.476	0.672	762.140	G[22]
E	[3]	120.738	748.805	743.469	743.805	743.133	E[21]
G	[4]	139.743	696.775	693.437	693.771	691.599	G[20]
K	[5]	182.443	677.765	672.428	672.764	672.092	K[19]
G	[6]	201.450	635.069	629.730	630.066	629.394	G[18]
G	[7]	220.458	616.062	610.723	611.059	610.387	G[17]
K	[8]	263.156	597.055	591.716	592.051	591.380	K[16]
G	[9]	282.163	554.357	549.017	549.353	548.681	G[15]
L	[10]	319.658	535.350	530.010	530.346	529.674	L[14]
G	[11]	338.665	497.655	492.313	492.651	491.979	G[13]
K	[12]	381.363	478.648	473.308	473.644	472.972	K[12]
G	[13]	400.370	435.949	430.610	430.946	430.274	G[11]
G	[14]	419.378	416.942	411.603	411.939	411.267	G[10]
A	[15]	443.257	397.935	392.596	392.932	392.260	A[9]
K	[16]	485.955	374.256	368.917	369.252	368.581	K[8]
R	[17]	537.689	351.558	326.218	326.554	325.882	R[7]
H	[18]	583.675	279.524	274.185	274.520	273.849	H[6]
R	[19]	635.709	233.838	228.498	228.834	228.162	R[5]
K	[20]	687.751	181.804	176.463	176.800	176.129	K[4]
V	[21]	720.774	129.762	124.422	124.758	124.086	V[3]
L	[22]	753.808	96.739	91.400	91.736	91.064	L[2]
R	[23]	810.502	59.043	53.703	54.041	53.369	R[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGS Acetyl 42.01 K Acetyl 42.01 KAVT Acetyl 42.01 KAQKK



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGS ^{Acetyl}42.01 K ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.31
- ▶ F097416.dat
- ▶ query=q1758_p1
- ▶ precursor=867.846990
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P1	115.097	2601.509	2585.490	0.000	2584.482	P24
E2	244.129	2504.456	2488.437	0.000	2487.429	E23
P3	341.182	2376.412	2359.395	0.000	2358.387	P22
A4	412.319	2278.361	2262.342	0.000	2261.334	A21
K5	540.314	2207.323	2191.305	2192.313	2190.297	K20
S6	627.346	2079.228	2063.210	2064.218	2062.202	S19
A7	698.393	1992.196	1976.178	1977.186	1975.170	A18
P8	795.436	1921.159	1905.141	1906.148	1904.133	P17
A9	866.471	1824.107	1808.088	1809.096	1807.080	A16
P10	903.526	1753.066	1737.051	1738.059	1736.041	P15
K11	1091.621	1656.017	1639.998	1641.006	1638.990	K14
K12	1219.718	1527.922	1511.903	1512.911	1510.895	K13
G13	1276.737	1399.827	1383.808	1384.816	1382.800	G12
S14	1405.780	1342.805	1326.787	1327.794	1325.779	S11
K15	1575.885	1213.763	1197.744	1198.752	1196.736	K10
K16	1703.980	1043.697	1027.638	1028.646	1026.631	K9
A17	1775.017	915.562	899.543	900.551	898.536	A8
V18	1874.086	844.525	828.506	829.514	827.499	V7
T19	3017.144	745.457	729.438	730.446	728.430	T6
K20	2145.239	602.398	586.380	587.388	585.372	K5
A21	2216.276	474.303	458.285	459.293	457.277	A4
Q22	2344.315	403.266	387.248	388.256	386.240	Q3
K23	2472.430	275.208	259.190	260.197	258.181	K2
K24	3000.525	147.113	131.094	132.102	130.086	K1

sp | Q6ZWY9 | H2B1C_MOUSE

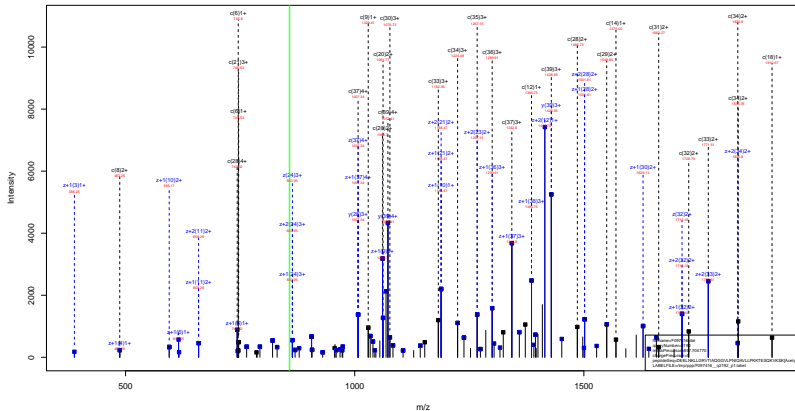
PEPAKSAPAPKKGS ^{Acetyl}42.01 K ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=30.31
- ▶ F097416.dat
- ▶ query=q1758_p1
- ▶ precursor=867.846990
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
F 1	58.047	1301.258	1293.249	0.504	1292.745	P 20
E 2	122.568	1252.732	1244.722	0.504	1244.218	E 23
F 3	171.095	1188.210	1195.201	0.504	1179.697	F 22
A 4	258.611	1139.689	1131.675	0.504	1131.171	A 21
R 5	270.663	1104.185	1096.156	1096.660	1095.655	R 20
S 6	314.177	1040.118	1032.109	1032.612	1031.605	S 19
A 7	349.695	996.602	988.592	989.696	988.080	A 18
F 8	398.222	951.083	953.074	953.578	952.570	F 17
A 9	433.740	912.597	904.588	905.051	904.044	A 16
T 10	482.287	877.036	869.029	869.533	868.525	T 15
R 11	546.314	828.512	820.503	821.007	819.999	R 14
K 12	610.362	764.464	756.455	756.959	755.951	K 13
G 13	638.672	700.417	692.408	692.912	691.904	G 12
S 14	703.294	671.908	663.897	664.401	663.393	S 11
K 15	788.406	609.385	601.376	601.880	600.872	K 10
R 16	852.498	522.332	514.323	514.827	513.819	R 9
A 17	888.012	458.285	450.275	450.779	449.771	A 8
V 18	937.547	422.766	414.757	415.261	414.253	V 7
T 19	1009.076	373.232	365.223	365.727	364.719	T 6
K 20	1071.123	301.703	293.693	294.197	293.190	K 5
A 21	1108.642	239.655	229.646	230.150	229.142	A 4
Q 22	1172.671	202.137	194.127	194.631	193.623	Q 3
K 23	1236.718	138.108	130.098	130.602	129.594	K 2
K 24	1300.766	74.060	66.051	66.555	65.547	K 1

sp | Q8R1M2 | H2AJ_MOUSE

DEELNKLLGRVTIAQGGVLPNIQAVLLPKKTESQKVKSK Acetyl 42.01



sp | Q8R1M2 | H2AJ_MOUSE

DEELNKLLGRVTIAQGGVLPNIQAVLLPKKTESQKVKSK Acetyl
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=97.18
- ▶ F097416.dat
- ▶ query=q2192.p1
- ▶ precursor=857.704770
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	133.061	4294.465	4286.447	0.000	4267.439	D[39]
E[2]	262.103	4169.438	4153.420	0.000	4152.412	E[38]
E[3]	391.146	4040.396	4024.377	0.000	4023.369	E[37]
L[4]	524.230	3911.351	3895.334	0.000	3894.327	L[36]
N[5]	618.273	3786.260	3762.250	3783.258	3781.241	N[35]
K[6]	746.368	3684.226	3668.207	3669.215	3667.200	K[34]
L[7]	859.452	3556.131	3540.113	3541.120	3539.105	L[33]
L[8]	972.536	3443.047	3427.028	3428.036	3426.021	L[32]
G[9]	1029.558	3329.963	3313.944	3314.952	3312.937	G[31]
R[10]	1185.869	3222.942	3206.923	3207.931	3205.916	R[30]
V[11]	1284.727	3115.843	3100.822	3101.830	3099.814	V[29]
T[12]	1385.775	3017.772	3001.753	3002.761	3000.746	T[28]
I[13]	1468.859	2916.724	2900.706	2901.714	2899.699	I[27]
A[14]	1569.896	2803.640	2787.622	2788.629	2786.614	A[26]
Q[15]	1667.954	2732.603	2716.585	2717.592	2715.577	Q[25]
G[16]	1754.976	2604.543	2588.526	2589.534	2587.519	G[24]
G[17]	1811.997	2547.523	2531.505	2532.512	2530.497	G[23]
V[18]	1911.066	2460.502	2474.483	2475.491	2473.475	V[22]
L[19]	2024.150	2391.433	2375.415	2376.422	2374.407	L[21]
P[20]	2121.203	2278.340	2262.321	2263.328	2261.313	P[20]
R[21]	2235.246	2181.297	2165.278	2166.286	2164.270	R[19]
L[22]	2488.333	2091.254	2075.235	2076.243	2074.227	L[18]
Q[23]	2476.388	1954.170	1938.151	1939.159	1937.143	Q[17]
A[24]	2547.425	1826.111	1810.092	1811.100	1809.084	A[16]
V[25]	2646.494	1755.074	1739.055	1740.063	1738.047	V[15]
L[26]	2759.578	1656.005	1639.987	1640.995	1638.979	L[14]
L[27]	2872.660	1542.921	1526.903	1527.910	1525.895	L[13]
P[28]	2969.715	1429.837	1413.819	1414.826	1412.811	P[12]
K[29]	3097.810	1332.785	1316.766	1317.774	1315.758	K[11]
K[30]	3225.905	1204.660	1188.671	1189.679	1187.663	K[10]
T[31]	3326.952	1076.595	1060.576	1061.584	1059.568	T[0]
E[32]	3455.995	975.547	959.528	960.536	958.520	E[8]
S[33]	3643.027	848.509	830.486	831.493	829.477	S[7]
G[34]	3871.065	759.472	743.454	744.461	742.446	G[6]
K[35]	3799.180	631.414	615.395	616.403	614.387	K[5]
V[36]	3898.249	503.319	487.300	488.308	486.292	V[4]
K[37]	4026.344	404.250	388.232	389.239	387.224	K[3]
S[38]	4113.376	276.195	260.137	261.144	259.129	S[2]
K[39]	4283.481	189.123	173.105	174.112	172.097	K[1]

sp | Q8R1M2 | H2AJ_MOUSE

DEELNKLLGRVTIAQGGVLPNIQAVLLPKKTESQKVKSK Acetyl
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=97.18
- ▶ F097416.dat
- ▶ query=q2192.p1
- ▶ precursor=857.704770
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D 1	67.034	2142.738	2134.737	0.504	2134.223	D 30
E 2	181.955	2085.223	2077.213	0.504	2076.710	E 38
E 3	196.077	2020.702	2012.692	0.504	2012.189	E 37
L 4	252.619	1956.180	1948.171	0.504	1947.667	L 36
W 5	309.649	1899.636	1891.629	1092.333	1891.125	W 25
K 6	373.688	1842.617	1834.607	1835.111	1834.103	K 34
L 7	436.230	1778.569	1770.560	1771.064	1770.056	L 33
L 8	486.772	1722.027	1714.018	1714.522	1713.514	L 32
G 9	515.262	1665.485	1657.476	1657.980	1656.972	G 31
R 10	593.333	1608.974	1623.965	1629.960	1628.461	R 30
V 11	642.967	1558.924	1550.915	1551.418	1550.411	V 29
T 12	693.391	1509.900	1501.380	1501.884	1500.876	T 28
L 13	749.933	1458.866	1450.857	1451.360	1450.353	L 27
A 14	785.452	1402.324	1394.314	1394.818	1393.811	A 26
Q 15	849.401	1346.805	1358.796	1359.300	1358.292	Q 25
G 16	877.694	1302.776	1294.767	1295.271	1294.263	G 24
G 17	906.502	1274.265	1266.256	1266.760	1265.752	G 23
V 18	956.037	1245.755	1237.745	1238.249	1237.241	V 22
L 19	1012.579	1196.220	1188.211	1188.715	1187.707	L 21
P 20	1061.105	1139.678	1131.669	1132.173	1131.165	P 20
N 21	1138.129	1092.163	1083.143	1083.646	1082.639	N 19
I 22	1174.668	1034.130	1026.121	1026.625	1025.617	I 18
Q 23	1238.698	977.588	969.579	970.083	969.075	Q 17
A 24	1274.216	913.959	905.550	906.054	905.046	A 16
V 25	1323.751	878.041	870.031	870.535	869.527	V 15
L 26	1389.293	826.506	820.497	821.001	819.993	L 14
L 27	1438.836	773.964	763.955	764.459	763.451	L 13
P 28	1485.361	715.422	707.413	707.917	706.909	P 12
K 29	1549.408	666.896	658.887	659.390	658.383	K 11
K 30	1613.456	602.848	594.839	595.343	594.335	K 10
T 31	1663.980	538.801	530.792	531.295	530.288	T 9
E 32	1728.501	488.277	480.268	480.772	479.764	E 8
S 33	1772.017	423.756	415.746	416.250	415.243	S 7
Q 34	1836.046	360.240	352.230	352.734	351.727	Q 6
K 35	1908.094	316.211	308.201	308.705	307.697	K 5
V 36	1948.628	252.163	244.154	244.658	243.650	V 4
K 37	2023.676	202.629	194.619	195.123	194.115	K 3
S 38	2097.692	138.581	130.572	131.076	130.068	S 2
K 39	2142.244	85.065	87.056	87.560	86.552	K 1

sp | Q8R1M2 | H2AJ_MOUSE

DEELNKLLGRVTIAQGGVLPNIQAVLLPKKTESQKVKSK Acetyl
42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=97.18
- ▶ F097416.dat
- ▶ query=q2192.p1
- ▶ precursor=857.704770
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D 1	45.025	1428.827	1423.487	0.672	1423.351	D 30
E 2	88.639	1390.484	1385.145	0.672	1384.809	E 38
E 3	131.054	1347.470	1342.131	0.672	1341.793	E 37
L 4	168.748	1304.456	1299.116	0.672	1298.760	L 36
W 5	208.763	1256.761	1251.423	1.361	1251.386	W 35
K 6	249.461	1235.747	1231.407	1223.743	1223.071	K 34
L 7	287.156	1188.049	1180.709	1181.048	1180.373	L 33
L 8	324.850	1148.354	1143.014	1143.350	1142.678	L 32
G 9	343.857	1110.659	1105.320	1105.656	1104.984	G 31
K 10	385.804	1091.852	1088.132	1088.548	1087.977	K 30
V 11	428.914	1039.618	1034.279	1034.015	1033.943	V 29
T 12	462.596	1006.596	1001.256	1001.592	1000.920	T 28
I 13	500.201	972.913	967.573	967.909	967.237	I 27
A 14	523.970	935.218	929.879	930.215	929.543	A 26
Q 15	568.656	911.539	906.200	906.536	905.864	Q 25
C 16	589.669	898.933	893.514	893.849	893.178	C 24
C 17	604.671	849.846	844.506	844.842	844.170	C 23
V 18	637.693	830.839	825.499	825.835	825.163	V 22
L 19	675.388	797.816	792.476	792.812	792.140	L 21
P 20	707.739	760.121	754.782	755.118	754.446	P 20
N 21	745.763	727.776	722.437	722.767	722.095	N 19
I 22	753.448	689.756	684.416	684.752	684.081	I 18
Q 23	826.114	652.061	646.722	647.058	646.386	Q 17
A 24	849.813	609.375	604.036	604.372	603.700	A 16
V 25	882.836	585.696	580.357	580.692	580.021	V 15
L 26	920.531	552.672	547.334	547.670	546.998	L 14
L 27	958.226	514.976	509.637	509.973	509.301	L 13
P 28	995.576	477.284	471.944	472.280	471.608	P 12
K 29	1033.275	444.933	439.593	439.929	439.258	K 11
K 30	1075.973	402.235	396.895	397.231	396.559	K 10
T 31	1109.656	359.536	354.197	354.533	353.861	T 9
E 32	1152.670	325.854	320.514	320.850	320.178	E 8
S 33	1181.680	282.846	277.506	277.842	277.169	S 7
Q 34	1224.367	251.829	246.489	246.825	246.153	Q 6
K 35	1267.065	211.143	205.803	206.139	205.466	K 5
V 36	1300.088	168.444	163.104	163.441	162.769	V 4
K 37	1342.796	135.422	130.082	130.418	129.746	K 3
S 38	1371.797	92.221	87.881	88.217	87.545	S 2
K 39	1428.499	63.713	58.373	58.709	58.037	K 1

sp | Q8R1M2 | H2AJ_MOUSE

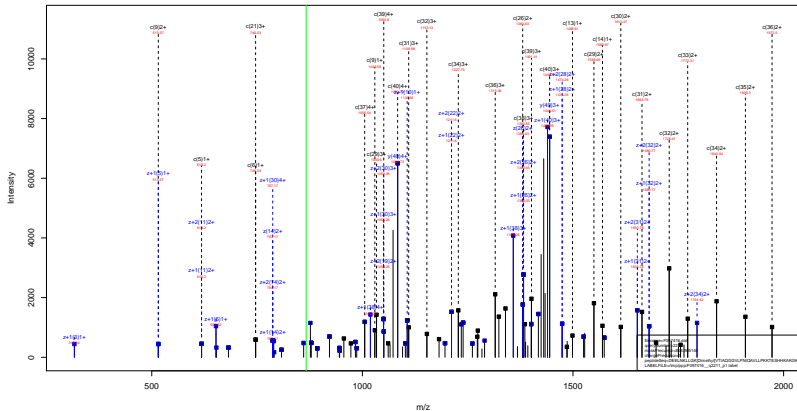
DEELNKLLGRVTIAQGGVLPNIQAVLLPKKTESQKVKSK Acetyl
42.01

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=97.18
- ▶ F097416.dat
- ▶ query=q2192_p1
- ▶ precursor=857.704770
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D 1	34.021	1071.872	1067.867	0.755	1067.615	D 30
E 2	66.281	1043.115	1039.110	0.735	1038.858	E 38
E 3	98.542	1010.854	1006.850	0.755	1006.598	E 37
L 4	136.813	978.594	974.589	0.755	974.337	L 36
N 5	155.324	950.323	946.318	946.570	946.056	N 35
K 6	187.347	921.812	917.807	918.059	917.555	K 34
L 7	215.618	899.789	895.784	896.036	895.531	L 33
L 8	243.889	861.517	857.513	857.765	857.261	L 32
G 9	258.145	833.246	829.242	829.494	828.990	G 31
R 10	297.370	818.591	814.686	815.238	814.736	R 30
V 11	321.937	779.960	775.961	776.213	775.705	V 29
T 12	347.199	755.188	751.194	751.446	750.943	T 28
I 13	375.470	729.937	725.932	726.184	725.680	I 27
A 14	393.229	701.660	697.661	697.913	697.409	A 26
Q 15	425.244	683.905	679.902	680.154	679.650	Q 25
G 16	439.499	651.391	647.387	648.139	647.635	G 24
G 17	453.755	637.630	633.632	633.884	633.380	G 23
V 18	479.522	623.381	619.376	619.628	619.124	V 22
L 19	506.793	598.614	594.609	594.861	594.357	L 21
P 20	531.056	570.343	566.338	566.590	566.086	P 20
R 21	559.307	546.080	542.075	542.327	541.823	R 19
T 22	587.838	517.560	513.564	513.816	513.312	T 18
Q 23	619.853	488.298	485.293	485.545	485.041	Q 17
A 24	637.612	457.283	453.279	453.530	453.027	A 16
V 25	662.379	439.324	435.319	435.771	435.267	V 15
L 26	690.850	414.757	410.752	411.004	410.500	L 14
L 27	718.018	386.485	382.481	382.733	382.229	L 13
P 28	743.184	358.215	354.210	354.462	353.958	P 12
K 29	775.208	333.952	329.947	330.199	329.695	K 11
R 30	807.232	301.928	297.923	298.175	297.671	R 10
T 31	832.494	269.904	265.899	266.151	265.647	T 9
E 32	864.754	244.642	240.636	240.889	240.385	E 8
S 33	886.512	212.362	208.357	208.609	208.125	S 7
Q 34	918.527	190.624	186.619	186.871	186.367	Q 6
K 35	950.551	158.609	154.604	154.856	154.352	K 5
V 36	975.318	126.585	122.580	122.832	122.328	V 4
K 37	1007.341	101.810	97.813	98.065	97.561	K 3
S 38	1029.099	69.794	65.790	66.042	65.538	S 3
K 39	1071.626	48.030	44.032	44.284	43.780	K 1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK
28.03



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=100.64
- ▶ F097416.dat
- ▶ query=q2211_p1
- ▶ precursor=866.905140
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D 1	133.061	4330.497	4314.479	0.000	4313.477	D40
E 2	262.003	4315.476	4199.452	0.000	4198.444	E39
E 3	391.148	4308.428	4079.420	0.000	4059.401	E38
L 4	504.230	3957.385	3941.366	0.000	3940.359	L37
N 5	618.273	3844.301	3828.282	3820.290	3817.275	N36
K 6	746.368	3730.258	3714.239	3715.247	3713.232	K35
L 7	859.452	3602.183	3586.144	3587.152	3585.137	L34
L 8	972.536	3489.079	3473.060	3474.068	3472.051	L33
G 9	1029.558	3375.095	3359.076	3360.084	3358.069	G32
K10	1185.684	3318.974	3302.955	3303.963	3301.947	K31
V11	1284.752	3162.847	3146.829	3147.836	3145.821	V30
T12	1385.800	3063.779	3047.760	3048.768	3046.752	T29
L13	1498.884	2962.731	2946.713	2947.720	2945.705	L28
A14	1569.921	2849.647	2833.629	2834.636	2832.621	A27
Q15	1697.980	2778.610	2762.591	2763.599	2761.584	Q26
G16	1755.001	2650.552	2634.533	2635.541	2633.525	G25
G17	1812.023	2503.530	2487.511	2488.519	2486.504	G24
V18	1911.091	2536.509	2520.490	2521.498	2519.482	V23
L19	2024.175	2431.440	2421.421	2422.429	2420.413	L22
P20	2113.228	2324.366	2308.347	2309.345	2307.330	P21
N21	2235.271	2227.303	2211.284	2212.292	2210.277	N20
I22	2348.355	2113.260	2097.242	2098.250	2096.234	I19
Q23	2476.413	2000.176	1984.158	1985.165	1983.150	Q18
A24	2547.450	1872.118	1856.099	1857.107	1855.091	A17
V25	2656.519	1803.081	1785.062	1786.070	1784.054	V16
L26	2759.603	1702.012	1685.994	1687.001	1684.985	L15
L27	2872.687	1588.929	1572.909	1573.917	1571.902	L14
F28	2069.740	1475.844	1459.825	1460.833	1458.818	F13
K29	3097.835	1378.791	1362.773	1363.780	1361.765	K12
K30	3225.930	1250.696	1234.678	1235.685	1233.670	K11
I31	3358.977	1122.601	1106.583	1107.591	1105.575	I10
E32	3456.020	1071.554	1005.535	1006.543	1004.527	E9
S33	3543.052	892.511	876.492	877.500	875.485	S8
H34	3680.111	805.479	789.460	790.468	788.453	H7
H35	3817.170	698.420	652.401	653.409	651.394	H6
K36	3945.265	531.361	515.343	516.350	514.335	K5
A37	4019.302	403.306	387.247	388.254	386.240	A4
K38	4144.397	332.229	316.211	317.218	315.202	K3
G39	4201.418	204.134	188.116	189.123	187.108	G2
K40	4329.513	147.113	133.094	132.102	130.089	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=100.64
- ▶ F097416.dat
- ▶ query=q2211_p1
- ▶ precursor=866.905140
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	2165.752	2157.743	0.504	2157.239	Q[40]
E[2]	133.955	2158.239	2150.229	0.504	2099.720	E[30]
E[3]	198.077	2043.718	2035.709	0.504	2035.200	E[38]
L[4]	252.619	1979.199	1971.187	0.504	1970.683	L[37]
N[5]	309.640	1922.654	1914.645	1915.149	1914.141	N[36]
K[6]	373.688	1895.633	1887.623	1888.127	1887.119	K[35]
L[7]	430.230	1861.585	1793.570	1794.080	1793.072	L[34]
L[8]	489.772	1745.043	1737.034	1737.536	1736.530	L[33]
G[9]	515.282	1688.501	1680.492	1680.996	1679.988	G[32]
K[10]	591.346	1659.990	1651.981	1652.485	1651.477	K[31]
V[11]	642.880	1581.927	1573.918	1574.422	1573.414	V[30]
T[12]	693.404	1532.393	1524.384	1524.888	1523.880	T[29]
L[13]	749.946	1451.899	1473.860	1474.364	1473.356	L[28]
A[14]	785.464	1425.327	1417.318	1417.822	1416.814	A[27]
Q[15]	849.493	1389.809	1381.799	1382.303	1381.295	Q[26]
G[16]	878.004	1325.779	1317.770	1318.274	1317.266	G[25]
G[17]	906.515	1297.269	1289.259	1289.763	1288.755	G[24]
V[18]	956.049	1268.758	1260.749	1261.252	1260.245	V[23]
L[19]	1027.397	1219.244	1211.214	1211.718	1210.710	L[22]
P[20]	1061.118	1192.662	1184.652	1185.156	1184.149	P[21]
N[21]	1118.139	1114.155	1106.146	1106.650	1105.642	N[20]
I[22]	1174.681	1057.134	1049.124	1049.628	1048.621	I[19]
Q[23]	1238.710	1000.592	992.582	993.086	992.079	Q[18]
A[24]	1274.229	936.563	928.553	929.057	928.049	A[17]
V[25]	1323.763	891.044	893.035	893.539	892.531	V[16]
L[26]	1380.305	853.510	845.500	846.004	845.000	L[15]
L[27]	1438.847	794.968	786.958	787.462	786.454	L[14]
P[28]	1485.374	738.426	730.416	730.920	729.912	P[13]
K[29]	1549.421	699.899	681.890	682.394	681.386	K[12]
K[30]	1613.468	635.852	617.842	618.346	617.339	K[11]
I[31]	1663.992	581.804	573.795	574.299	573.291	I[10]
E[32]	1728.514	511.281	503.271	503.775	502.767	E[9]
S[33]	1772.030	446.759	438.750	439.254	438.246	S[8]
H[34]	1840.559	403.243	395.234	395.738	394.730	H[7]
H[35]	1909.089	334.714	326.704	327.208	326.200	H[6]
K[36]	1973.136	286.184	278.175	278.679	277.671	K[5]
A[37]	2009.655	202.139	194.129	194.633	193.625	A[4]
K[38]	2072.702	168.618	158.609	159.113	158.105	K[3]
G[39]	2101.213	102.571	94.561	95.065	94.057	G[2]
K[40]	2165.260	74.060	66.051	66.555	65.547	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=100.64
- ▶ F097416.dat
- ▶ query=q2211_p1
- ▶ precursor=866.905140
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
D 1	45.025	1444.171	1438.831	0.672	1439.493	D 40
E 2	68.039	1405.628	1400.489	0.672	1400.153	E 39
E 3	113.654	1362.874	1357.475	0.672	1357.139	E 38
L 4	158.748	1319.800	1314.400	0.672	1314.124	L 37
N 5	206.762	1282.105	1276.706	1277.102	1276.430	N 36
K 6	249.401	1244.091	1238.751	1239.087	1238.415	K 35
L 7	287.156	1201.393	1196.053	1196.389	1195.717	L 34
L 8	324.860	1163.098	1156.703	1156.994	1156.622	L 33
G 9	343.352	1126.001	1120.604	1121.000	1120.629	G 32
K 10	395.899	1106.996	1101.656	1101.992	1101.321	K 31
V 11	438.602	1054.954	1049.614	1049.950	1049.277	V 30
T 12	482.605	1021.931	1016.592	1016.938	1016.250	T 29
L 13	500.299	988.249	982.969	983.245	982.573	L 28
A 14	523.979	956.554	945.214	945.550	944.878	A 27
Q 15	566.695	920.875	921.535	921.871	921.199	Q 26
G 16	585.672	884.189	878.849	879.185	878.513	G 25
G 17	604.679	805.182	859.842	860.178	859.500	G 24
V 18	637.702	846.174	840.835	841.171	840.497	V 23
L 19	675.397	813.152	807.812	808.148	807.476	L 22
F 20	707.747	775.821	770.117	770.853	769.181	F 21
N 21	745.762	743.106	737.766	738.102	737.430	N 20
I 22	781.456	705.002	699.152	700.488	699.411	I 19
Q 23	826.143	667.397	662.057	662.393	661.721	Q 18
A 24	849.827	624.711	619.371	619.707	619.035	A 17
V 25	882.844	603.016	598.662	598.998	598.326	V 16
L 26	920.539	568.009	562.669	563.005	562.333	L 15
L 27	958.234	530.314	524.975	525.311	524.639	L 14
F 28	990.505	492.620	487.280	487.616	486.944	F 13
K 29	1033.283	460.269	454.929	455.265	454.593	K 12
K 30	1075.981	427.570	422.231	422.567	421.895	K 11
T 31	1109.664	374.872	369.532	369.868	369.196	T 10
E 32	1152.678	341.180	335.840	336.186	335.514	E 9
S 33	1181.689	298.175	292.836	293.172	292.500	S 8
H 34	1227.375	269.165	263.825	264.161	263.489	H 7
H 35	1273.061	223.478	218.139	218.475	217.803	H 6
K 36	1315.760	177.762	172.423	172.768	172.110	K 5
A 37	1339.439	135.094	129.754	130.090	129.414	A 4
K 38	1382.137	111.415	106.075	106.411	105.739	K 3
G 39	1461.144	68.716	63.377	63.713	63.041	G 2
K 40	1443.843	49.709	44.370	44.705	44.034	K 1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=100.64
- ▶ F097416.dat
- ▶ query=q2211_p1
- ▶ precursor=866.905140
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a=1	a=2	z	AA	
D	1	34.621	1083.369	1079.375	0.755	1079.712	L(40)
E	2	66.281	1054.921	1050.618	0.755	1050.366	L(39)
E	3	98.542	1022.362	1018.358	0.755	1018.105	L(38)
L	4	126.813	990.102	986.097	0.755	985.045	L(37)
N	5	155.324	961.831	957.820	958.076	957.574	N(36)
K	6	187.347	933.320	929.315	929.567	929.063	K(35)
L	7	215.818	901.296	897.292	897.544	897.040	L(34)
L	8	243.889	873.025	869.021	869.273	868.769	L(33)
G	9	258.145	844.754	840.750	841.002	840.498	G(32)
K	10	297.176	830.490	826.484	826.746	826.242	K(31)
V	11	321.944	791.467	787.463	787.715	787.211	V(30)
T	12	347.205	766.700	762.696	762.947	762.444	T(29)
I	13	375.476	741.438	737.434	737.686	737.182	I(28)
A	14	392.236	713.167	709.163	709.415	708.911	A(27)
Q	15	425.250	695.408	691.403	691.655	691.151	Q(26)
G	16	439.506	663.381	659.389	659.641	659.137	G(25)
G	17	453.761	649.138	645.133	645.385	644.881	G(24)
V	18	478.528	634.883	630.878	631.130	630.626	V(23)
L	19	506.799	610.116	606.111	606.363	605.859	L(22)
P	20	531.062	581.844	577.840	578.092	577.588	P(21)
N	21	559.573	557.581	553.577	553.829	553.325	N(20)
I	22	587.844	529.071	525.066	525.318	524.814	I(19)
Q	23	619.859	500.800	496.795	497.047	496.543	Q(18)
A	24	637.618	468.785	464.780	465.032	464.528	A(17)
V	25	662.385	451.020	447.021	447.273	446.769	V(16)
L	26	689.656	426.759	422.754	422.999	422.500	L(15)
L	27	718.927	397.865	393.863	394.135	393.731	L(14)
P	28	743.190	369.710	365.712	365.964	365.460	P(13)
K	29	775.214	345.453	341.449	341.701	341.197	K(12)
K	30	807.238	313.430	309.425	309.677	309.173	K(11)
T	31	832.500	281.406	277.401	277.653	277.149	T(10)
E	32	854.768	256.144	252.139	252.391	251.887	E(9)
S	33	886.518	223.883	219.879	220.131	219.627	S(8)
H	34	920.783	202.125	198.121	198.373	197.869	H(7)
H	35	955.046	167.861	163.856	164.108	163.604	H(6)
K	36	987.072	133.590	129.591	129.843	129.339	K(5)
A	37	1004.831	101.573	97.569	97.821	97.317	A(4)
K	38	1036.855	83.811	79.808	80.060	79.556	K(3)
G	39	1051.110	51.789	47.784	48.036	47.532	G(2)
K	40	1083.134	37.534	33.529	33.781	33.277	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK _{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.59
- ▶ F097416.dat
- ▶ query=q2212_p1
- ▶ precursor=722.589010
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D1	133.061	4330.497	4314.479	0.000	4313.477	D40
E2	362.103	4315.476	4199.452	0.000	4198.444	E39
E3	391.148	4088.428	4070.420	0.000	4069.407	E38
L4	504.230	3957.385	3941.366	0.000	3940.350	L37
N5	618.273	3844.301	3828.282	3820.290	3827.275	N36
K6	746.368	3730.258	3714.239	3715.247	3713.232	K35
L7	859.452	3602.183	3586.144	3587.152	3585.137	L34
L8	872.536	3499.078	3473.060	3474.068	3472.051	L33
G9	1029.558	3375.095	3359.076	3360.084	3358.069	G32
K10	1185.684	3318.974	3302.955	3303.963	3301.947	K31
V11	1284.752	3102.847	3146.829	3147.836	3145.821	V30
T12	1385.800	3063.779	3047.760	3048.768	3046.752	T29
L13	1498.884	2962.731	2946.713	2947.720	2945.705	L28
A14	1589.021	2949.647	2833.628	2834.636	2832.621	A27
Q15	1697.980	2778.630	2762.591	2763.599	2761.584	Q26
G16	1755.001	2650.552	2634.533	2635.541	2633.525	G25
G17	1812.023	2501.530	2477.511	2478.519	2476.504	G24
V18	1911.091	2536.509	2520.490	2521.498	2519.482	V23
L19	2024.175	2431.440	2421.421	2422.429	2420.413	L22
P20	2111.228	2324.366	2308.337	2309.345	2307.330	P21
N21	2235.271	2227.303	2211.284	2212.292	2210.277	N20
I22	2348.355	2113.260	2097.242	2098.250	2096.234	I19
Q23	2476.413	2000.176	1984.158	1985.165	1983.150	Q18
A24	2547.450	1872.118	1856.099	1857.107	1855.091	A17
V25	2646.519	1801.081	1785.062	1786.070	1784.054	V16
L26	2759.603	1702.012	1685.994	1687.001	1684.985	L15
L27	2872.687	1588.928	1572.909	1573.917	1571.902	L14
P28	2069.740	1475.844	1459.825	1460.833	1458.818	P13
K29	3097.835	1378.791	1362.773	1363.780	1361.765	K12
K30	3225.930	1250.696	1234.678	1235.685	1233.670	K11
I31	3358.977	1122.601	1106.582	1107.591	1105.575	I10
E32	3456.020	1031.554	1005.535	1006.543	1004.527	E9
S33	3543.052	892.511	876.492	877.500	875.485	S8
H34	3680.111	805.479	789.460	790.468	788.453	H7
H35	3817.170	668.420	652.401	653.409	651.394	H6
K36	3945.205	531.361	515.343	516.350	514.335	K5
A37	4019.202	403.306	387.248	388.244	386.240	A4
K38	4144.397	332.229	316.211	317.218	315.202	K3
G39	4201.418	204.134	188.116	189.123	187.108	G2
K40	4329.513	147.113	133.094	132.102	130.089	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK _{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.59
- ▶ F097416.dat
- ▶ query=q2212.p1
- ▶ precursor=722.589010
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
D	1	67.034	2165.752	2157.743	0.504	2157.239	D[40]
E	2	131.555	2108.239	2100.229	0.504	2099.726	E[39]
E	3	188.077	2043.718	2035.708	0.504	2035.204	E[38]
L	4	252.619	1979.196	1971.187	0.504	1970.683	L[37]
N	5	309.640	1922.654	1914.645	1915.140	1914.141	N[36]
K	6	374.668	1865.633	1857.623	1858.127	1857.119	K[35]
L	7	430.230	1801.585	1793.576	1794.080	1793.072	L[34]
L	8	486.772	1748.043	1740.034	1737.538	1738.530	L[33]
C	9	515.282	1708.501	1699.492	1699.996	1699.988	C[32]
K	10	593.348	1659.990	1651.981	1652.485	1651.477	K[31]
V	11	642.880	1581.927	1573.918	1574.422	1573.414	V[30]
T	12	693.404	1532.393	1524.384	1524.888	1523.880	T[29]
L	13	748.946	1481.869	1473.860	1474.364	1473.356	L[28]
A	14	785.488	1428.327	1417.318	1417.822	1418.814	A[27]
Q	15	849.493	1389.805	1381.797	1382.301	1381.295	Q[26]
G	16	878.004	1325.779	1317.770	1318.274	1317.266	G[25]
G	17	906.515	1297.266	1289.259	1289.763	1288.755	G[24]
V	18	956.049	1268.758	1260.749	1261.252	1260.245	V[23]
L	19	1025.591	1219.224	1211.214	1211.718	1210.710	L[22]
P	20	1061.118	1162.682	1154.673	1155.176	1154.168	P[21]
N	21	1118.139	1114.155	1106.146	1106.650	1105.642	N[20]
I	22	1174.681	1057.134	1049.124	1049.628	1048.621	I[19]
Q	23	1238.710	1000.592	992.582	993.086	992.079	Q[18]
A	24	1274.229	936.563	928.553	929.057	928.049	A[17]
V	25	1323.753	889.044	883.035	883.539	882.531	V[16]
L	26	1380.305	851.510	843.500	844.004	843.996	L[15]
L	27	1438.847	794.968	786.958	787.462	786.454	L[14]
P	28	1485.374	738.426	730.416	730.920	729.912	P[13]
K	29	1549.421	689.899	681.890	682.394	681.386	K[12]
K	30	1613.668	625.852	617.842	618.346	617.338	K[11]
T	31	1663.992	553.804	553.795	554.299	553.291	T[10]
E	32	1728.514	511.261	503.271	503.775	502.767	E[9]
S	33	1772.030	446.759	438.750	439.254	438.246	S[8]
H	34	1840.559	403.243	395.234	395.738	394.730	H[7]
H	35	1899.089	334.714	326.704	327.208	326.200	H[6]
K	36	1973.136	266.184	260.175	259.679	257.671	K[5]
A	37	2028.655	202.137	194.127	194.631	193.624	A[4]
K	38	2072.702	166.618	158.609	159.113	158.105	K[3]
G	39	2101.211	102.571	94.561	95.065	94.057	G[2]
K	40	2185.260	74.060	66.051	66.555	65.547	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK _{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.59
- ▶ F097416.dat
- ▶ query=q2212.p1
- ▶ precursor=722.589010
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
D	1	45.025	1444.171	1438.831	0.672	1438.495	D[40]
E	2	68.039	1898.028	1745.483	0.672	1740.161	E[39]
E	3	113.054	1362.814	1357.475	0.672	1357.139	E[38]
L	4	158.748	1319.805	1314.460	0.672	1314.123	L[37]
N	5	206.762	1282.105	1276.766	1277.102	1276.430	N[36]
K	6	249.401	1244.091	1238.751	1239.087	1238.415	K[35]
L	7	287.156	1201.393	1196.053	1196.389	1195.717	L[34]
L	8	324.850	1163.099	1158.358	1158.694	1158.022	L[33]
Q	9	353.357	1126.003	1123.668	1121.000	1120.663	Q[32]
K	10	395.899	1100.996	1101.656	1101.992	1101.321	K[31]
V	11	438.622	1054.954	1049.614	1049.950	1049.277	V[30]
T	12	482.605	1021.933	1018.592	1018.928	1018.250	T[29]
L	13	500.259	988.249	982.909	983.245	982.573	L[28]
A	14	523.979	959.556	945.214	945.550	944.877	A[27]
Q	15	566.695	926.875	921.535	921.871	921.199	Q[26]
G	16	585.672	884.189	878.849	879.185	878.513	G[25]
G	17	604.679	865.182	859.842	860.178	859.500	G[24]
V	18	637.702	846.174	840.835	841.171	840.499	V[23]
L	19	678.397	813.153	807.812	808.148	807.476	L[22]
F	20	707.747	775.457	770.117	770.453	769.781	F[21]
N	21	745.762	743.108	737.766	738.102	737.430	N[20]
I	22	781.456	705.002	699.752	700.088	699.411	I[19]
Q	23	826.143	667.397	662.057	662.393	661.721	Q[18]
A	24	849.827	634.711	618.371	619.707	619.035	A[17]
V	25	882.848	603.032	598.692	599.028	598.356	V[16]
L	26	920.539	568.009	562.669	563.005	562.333	L[15]
L	27	958.234	530.314	524.975	525.311	524.639	L[14]
F	28	990.505	492.620	487.280	487.616	486.944	F[13]
K	29	1033.283	460.269	454.929	455.265	454.593	K[12]
K	30	1075.981	429.576	424.236	424.572	423.900	K[11]
T	31	1109.664	374.872	369.532	369.868	369.196	T[10]
E	32	1152.678	341.180	335.840	336.176	335.514	E[9]
S	33	1181.689	298.175	292.835	293.172	292.500	S[8]
H	34	1227.375	269.185	263.845	264.181	263.509	H[7]
H	35	1273.061	223.478	218.139	218.475	217.803	H[6]
K	36	1315.760	177.762	172.422	172.758	172.110	K[5]
A	37	1339.439	135.094	129.754	130.090	129.411	A[4]
K	38	1382.137	111.415	106.075	106.411	105.739	K[3]
G	39	1461.144	68.716	63.377	63.713	63.041	G[2]
K	40	1443.843	49.709	44.370	44.705	44.034	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=47.59
- ▶ F097416.dat
- ▶ query=q2212_p1
- ▶ precursor=722.589010
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
D	1	34.621	1083.380	1079.375	0.755	1079.123	L40
E	2	66.281	1084.131	1050.618	0.755	1050.369	L39
E	3	98.542	1022.362	1018.358	0.755	1018.109	E38
L	4	126.813	990.102	988.097	0.755	985.848	L37
N	5	155.324	961.831	957.826	958.076	957.574	N36
K	6	187.347	933.320	929.315	929.567	929.063	K35
L	7	215.818	901.296	897.292	897.544	897.040	L34
L	8	243.889	873.026	869.021	869.273	868.769	L33
G	9	258.145	844.754	840.750	841.002	840.498	G32
K	10	297.176	830.499	826.494	826.746	826.242	K31
V	11	321.944	791.467	787.463	787.715	787.211	V30
T	12	347.205	766.700	762.696	762.947	762.444	T29
L	13	375.476	741.438	737.434	737.686	737.182	L28
A	14	392.236	713.167	709.163	709.415	708.911	A27
Q	15	425.250	695.408	691.403	691.655	691.151	Q26
G	16	439.506	663.381	659.376	659.628	659.124	G25
G	17	453.761	649.138	645.133	645.385	644.881	G24
V	18	478.528	634.883	630.878	631.130	630.626	V23
L	19	506.799	610.116	606.111	606.363	605.859	L22
P	20	531.062	581.844	577.840	578.092	577.588	P21
N	21	559.573	557.581	553.577	553.829	553.325	N20
I	22	587.844	529.071	525.066	525.318	524.814	I19
Q	23	619.859	500.800	496.795	497.047	496.543	Q18
A	24	637.618	468.785	464.780	465.032	464.528	A17
V	25	662.385	451.020	447.021	447.273	446.769	V16
L	26	689.656	426.751	422.754	422.999	422.495	L15
L	27	718.927	397.985	393.983	394.235	393.731	L14
P	28	743.190	369.716	365.712	365.964	365.460	P13
K	29	775.214	345.453	341.449	341.701	341.197	K12
K	30	807.238	313.430	309.425	309.677	309.173	K11
T	31	832.500	281.406	277.401	277.653	277.149	T10
E	32	854.768	256.144	252.139	252.391	251.887	E9
S	33	886.518	223.883	219.879	220.131	219.627	S8
H	34	920.783	202.125	198.121	198.373	197.869	H7
H	35	955.048	167.861	163.856	164.108	163.604	H6
K	36	987.072	133.590	129.591	129.843	129.339	K5
A	37	1004.831	101.373	97.367	97.619	97.115	A4
K	38	1036.855	83.811	79.808	80.060	79.556	K3
G	39	1051.110	51.789	47.784	48.036	47.532	G2
K	40	1083.134	37.534	33.529	33.781	33.277	K1

sp | Q6GSS7 | H2A2A_MOUSE

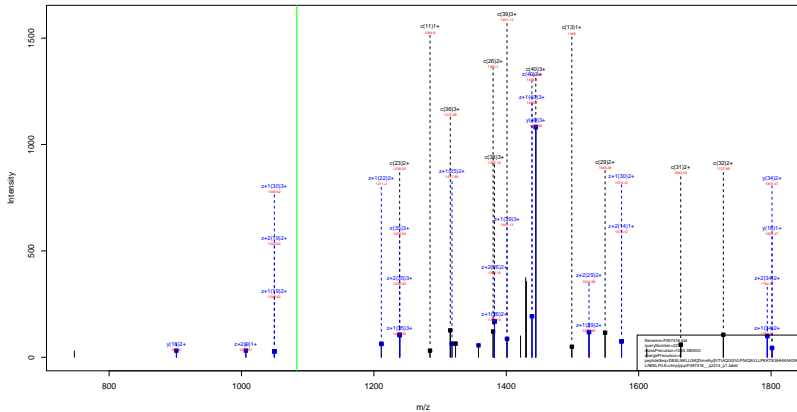
DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK
28.03

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=47.59
- ▶ F097416.dat
- ▶ query=q2212_p1
- ▶ precursor=722.589010
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	27.418	866.905	863.702	0.806	863.900	D[40]
E[2]	83.226	843.900	840.696	0.806	840.495	E[39]
E[3]	79.035	818.091	814.888	0.806	814.085	E[38]
L[4]	101.052	792.261	789.079	0.806	788.878	L[37]
N[5]	124.460	769.666	766.462	766.664	766.261	N[36]
K[6]	150.079	746.857	743.654	743.855	743.452	K[35]
L[7]	172.696	721.238	718.035	718.236	717.833	L[34]
L[8]	198.313	698.622	695.419	695.619	695.216	L[33]
G[9]	206.717	676.005	672.801	673.003	672.600	G[32]
K[10]	237.943	664.601	661.397	661.598	661.195	K[31]
V[11]	257.756	633.375	630.172	630.373	629.970	V[30]
V[12]	277.966	613.562	610.358	610.559	610.156	V[29]
I[13]	300.583	593.352	590.148	590.350	589.947	I[28]
A[14]	314.790	570.735	567.532	567.733	567.330	A[27]
Q[15]	340.402	556.528	553.324	551.526	553.123	Q[26]
G[16]	351.806	530.916	527.712	527.914	527.511	G[25]
G[17]	363.210	519.512	516.308	516.510	516.107	G[24]
V[18]	383.024	508.108	504.904	505.105	504.702	V[23]
L[19]	405.641	488.294	485.090	485.292	484.889	L[22]
P[20]	425.051	465.677	462.473	462.675	462.272	P[21]
N[21]	447.890	446.266	443.063	443.264	442.861	N[20]
L[22]	470.477	423.458	420.254	420.456	420.053	L[19]
Q[23]	496.088	400.841	397.637	397.839	397.436	Q[18]
A[24]	510.296	375.228	372.026	372.227	371.824	A[17]
V[25]	530.110	361.022	357.819	358.020	357.617	V[16]
L[26]	552.726	341.208	338.005	338.206	337.803	L[15]
L[27]	575.343	318.591	315.388	315.589	315.186	L[14]
P[28]	594.754	295.975	292.771	292.972	292.569	P[13]
K[29]	620.373	276.564	273.360	273.562	273.159	K[12]
K[30]	645.992	250.945	247.741	247.943	247.540	K[11]
F[31]	668.201	229.326	226.122	226.324	225.921	F[10]
E[32]	692.010	205.117	201.913	202.114	201.711	E[9]
S[33]	709.416	179.308	176.104	176.306	175.903	S[8]
H[34]	736.828	161.902	158.699	158.899	158.496	H[7]
H[35]	764.240	134.490	131.286	131.488	131.085	H[6]
K[36]	789.859	107.078	103.874	104.076	103.673	K[5]
A[37]	804.066	81.459	78.255	78.457	78.054	A[4]
K[38]	829.685	67.252	64.048	64.249	63.846	K[3]
G[39]	841.089	41.633	38.429	38.630	38.227	G[2]
K[40]	866.708	30.228	27.025	27.226	26.823	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} VTIAQGGVLPNIQAVLLPKKTESHKAKGK _{28.03}



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.35
- ▶ F097416.dat
- ▶ query=q2214_p1
- ▶ precursor=1083.380000
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
D1	133.085	4339.497	4314.479	0.000	4313.477	D140
E1	282.103	4215.470	4190.452	0.000	4189.444	E130
E13	391.146	4086.428	4070.409	0.000	4069.401	E138
L14	594.230	3957.385	3941.366	0.000	3940.359	L137
N15	618.273	3844.301	3828.282	3829.290	3827.273	N136
K16	746.368	3730.258	3714.239	3715.247	3713.231	K135
L17	858.452	3602.163	3586.144	3587.152	3585.134	L134
L18	974.536	3489.079	3473.060	3474.068	3472.051	L133
G19	1029.558	3375.995	3359.976	3360.984	3358.969	G132
K10	1185.684	3118.974	3102.955	3103.963	3101.947	K131
V111	1284.752	3162.847	3146.829	3147.836	3145.821	V130
T112	1385.900	3063.770	3047.750	3048.758	3046.752	T129
I113	1498.884	2962.731	2946.713	2947.720	2945.705	I128
A114	1599.911	2849.647	2833.628	2834.636	2832.621	A127
Q115	1697.980	2778.610	2762.591	2763.599	2761.584	Q126
G116	1755.001	2650.552	2634.533	2635.541	2633.525	G125
G117	1812.023	2593.530	2577.511	2578.519	2576.504	G124
V118	1911.091	2516.500	2500.480	2521.498	2519.482	V123
L119	2024.175	2437.440	2421.421	2422.429	2420.414	L122
T120	2117.228	2324.356	2308.337	2309.345	2307.330	T121
N121	2235.271	2227.303	2211.285	2212.292	2210.277	N120
I122	2348.355	2113.260	2097.242	2098.250	2096.234	I119
Q123	2476.413	2000.176	1984.158	1985.165	1983.150	Q118
A124	2547.450	1872.118	1856.099	1857.107	1855.091	A117
V125	2646.519	1801.081	1785.062	1786.070	1784.054	V116
L126	2759.603	1702.013	1686.004	1687.001	1684.989	L115
L127	2872.687	1588.952	1572.900	1573.917	1571.902	L114
P128	2969.740	1475.844	1459.835	1460.833	1458.818	P113
K129	3097.835	1378.791	1362.773	1363.780	1361.765	K112
K130	3225.930	1250.690	1234.678	1235.685	1233.670	K111
T131	3326.977	1122.601	1106.583	1107.591	1105.575	T110
E132	3459.030	1012.551	1005.535	1006.543	1004.527	E109
S133	3543.052	892.511	876.492	877.500	875.485	S108
H134	3680.111	805.470	789.460	790.468	788.453	H107
H135	3817.170	668.420	652.401	653.409	651.394	H106
K136	3945.205	531.361	515.343	516.350	514.335	K105
A137	4016.302	403.266	387.258	388.255	386.240	A104
K138	4144.397	312.229	312.213	311.218	310.203	K103
G139	4201.418	204.134	188.116	188.123	187.105	G102
K140	4329.513	147.113	131.094	132.102	130.080	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.35
- ▶ F097416.dat
- ▶ query=q2214.p1
- ▶ precursor=1083.380000
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA	
D	1	87.034	2165.752	2157.743	0.504	2157.239	D[40]
E	2	131.555	2108.239	2100.229	0.504	2099.726	E[39]
E	3	188.077	2043.715	2035.705	0.504	2035.201	E[38]
L	4	252.619	1979.190	1971.187	0.504	1970.683	L[37]
N	5	309.640	1922.654	1914.645	1915.140	1914.141	N[36]
K	6	374.668	1865.633	1857.623	1858.127	1857.119	K[35]
L	7	430.210	1801.585	1793.576	1794.080	1793.072	L[34]
L	8	486.772	1745.043	1737.034	1737.538	1736.530	L[33]
G	9	515.292	1688.561	1680.552	1680.956	1679.950	G[32]
K	10	593.346	1630.990	1621.981	1622.485	1621.477	K[31]
V	11	642.880	1581.027	1573.918	1574.422	1573.414	V[30]
T	12	693.404	1532.393	1524.384	1524.888	1523.880	T[29]
L	13	740.946	1481.869	1473.860	1474.364	1473.356	L[28]
A	14	785.484	1438.327	1431.318	1431.822	1430.814	A[27]
Q	15	849.493	1389.805	1381.799	1382.303	1381.295	Q[26]
G	16	878.004	1332.779	1317.770	1318.274	1317.266	G[25]
G	17	906.515	1297.266	1289.259	1289.763	1288.755	G[24]
V	18	956.049	1266.758	1258.749	1259.252	1258.245	V[23]
L	19	1012.597	1219.224	1211.214	1211.718	1210.710	L[22]
F	20	1081.118	1162.682	1155.673	1156.176	1155.169	F[21]
N	21	1118.139	1114.155	1106.146	1106.650	1105.642	N[20]
I	22	1174.681	1057.134	1049.124	1049.628	1048.621	I[19]
Q	23	1238.710	1000.592	992.582	993.086	992.079	Q[18]
A	24	1274.229	938.563	928.553	929.057	928.049	A[17]
V	25	1323.763	901.044	891.035	891.539	890.531	V[16]
L	26	1380.305	851.510	841.500	842.004	841.000	L[15]
L	27	1436.847	794.968	784.958	785.462	784.454	L[14]
F	28	1465.374	738.426	730.416	730.920	729.912	F[13]
K	29	1549.421	689.899	681.890	682.394	681.389	K[12]
K	30	1613.468	628.363	617.353	618.356	617.350	K[11]
T	31	1663.992	563.894	553.785	554.289	553.291	T[10]
E	32	1728.514	511.261	501.211	501.715	500.717	E[9]
S	33	1772.030	446.759	436.750	437.254	436.248	S[8]
H	34	1840.559	403.243	393.234	393.738	392.730	H[7]
H	35	1899.069	334.714	324.704	325.208	324.200	H[6]
K	36	1973.138	266.184	256.175	256.679	255.671	K[5]
A	37	2058.655	202.137	194.127	194.631	193.624	A[4]
K	38	2072.702	166.618	158.609	159.113	158.105	K[3]
G	39	2161.211	102.571	94.561	95.065	94.057	G[2]
K	40	2185.260	74.060	66.051	66.555	65.547	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

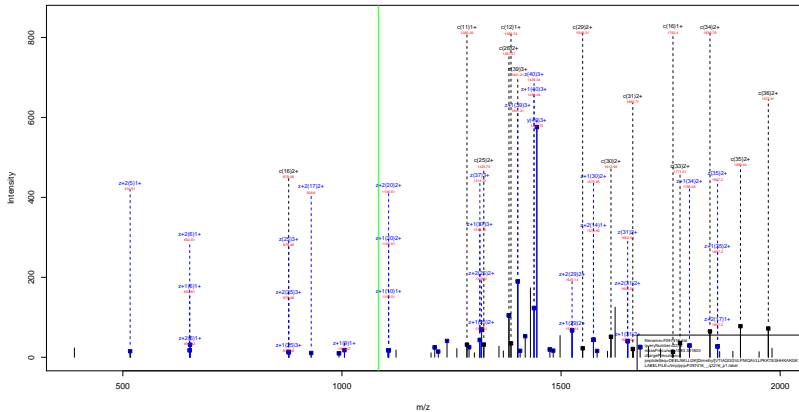
DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.35
- ▶ F097416.dat
- ▶ query=q2214.p1
- ▶ precursor=1083.380000
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
D 1	45.025	1444.171	1438.831	0.672	1438.495	D 40
E 2	68.039	1405.028	1400.489	0.672	1400.153	E 39
E 3	113.654	1362.874	1357.475	0.672	1357.139	E 38
L 4	158.748	1319.800	1314.400	0.672	1314.124	L 37
N 5	206.762	1282.105	1276.706	1.277	1276.430	N 36
K 6	249.401	1244.091	1238.751	1239.087	1238.415	K 35
L 7	287.156	1201.393	1196.053	1196.389	1195.717	L 34
L 8	324.850	1163.098	1158.708	1158.894	1158.622	L 33
G 9	343.357	1126.003	1120.604	1121.008	1120.520	G 32
K 10	395.899	1106.996	1101.656	1101.992	1101.321	K 31
V 11	438.602	1054.954	1049.614	1049.950	1049.278	V 30
T 12	482.605	1021.931	1016.592	1016.928	1016.256	T 29
L 13	500.299	988.249	982.909	983.246	982.573	L 28
A 14	523.979	950.554	945.214	945.550	944.877	A 27
Q 15	566.695	926.875	921.535	921.871	921.199	Q 26
G 16	585.672	884.189	878.849	879.185	878.513	G 25
G 17	604.679	845.182	839.842	840.178	839.500	G 24
V 18	637.702	846.174	840.835	841.171	840.499	V 23
L 19	678.397	813.152	807.812	808.148	807.471	L 22
F 20	707.747	775.481	770.141	770.483	769.761	F 21
N 21	748.762	743.106	737.766	738.102	737.430	N 20
I 22	781.496	705.092	699.752	700.088	699.411	I 19
Q 23	826.143	667.397	662.057	662.393	661.721	Q 18
A 24	849.827	624.711	619.371	619.707	619.035	A 17
V 25	882.844	603.035	598.695	599.030	598.358	V 16
L 26	920.539	568.009	562.669	563.005	562.333	L 15
L 27	958.234	530.314	524.975	525.311	524.639	L 14
F 28	990.505	492.620	487.280	487.616	486.944	F 13
K 29	1033.283	460.289	454.929	455.265	454.593	K 12
K 30	1075.983	427.570	422.231	422.567	421.895	K 11
T 31	1109.664	374.872	369.532	369.868	369.196	T 10
E 32	1152.678	341.180	335.850	336.186	335.514	E 9
S 33	1181.689	298.175	292.836	293.172	292.500	S 8
H 34	1227.375	269.185	263.825	264.161	263.489	H 7
H 35	1277.063	223.478	218.139	218.475	217.803	H 6
K 36	1315.760	177.762	172.483	172.768	172.110	K 5
A 37	1339.439	135.094	129.754	130.090	129.414	A 4
K 38	1382.137	111.415	106.075	106.411	105.739	K 3
G 39	1461.144	68.716	63.377	63.713	63.041	G 2
K 40	1443.843	49.709	44.370	44.705	44.034	K 1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} V_{28.03}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl 28.03}VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.08
- ▶ F097416.dat
- ▶ query=q2216_p1
- ▶ precursor=1083.381800
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
D1	133.085	4330.497	4318.479	0.000	4313.471	D140
E12	282.103	4215.470	4199.452	0.000	4188.444	E130
E13	391.146	4086.428	4070.409	0.000	4069.401	E138
L14	594.230	3957.385	3944.366	0.000	3940.359	L137
N15	618.273	3844.301	3828.282	3829.290	3827.275	N136
K16	746.368	3730.259	3714.239	3715.247	3713.231	K135
L17	858.452	3602.163	3586.144	3587.152	3585.131	L134
L18	974.538	3469.079	3451.060	3474.068	3472.051	L133
G19	1029.558	3375.095	3359.076	3360.084	3358.069	G132
K10	1185.684	3318.974	3302.955	3303.963	3301.947	K131
V111	1284.752	3102.847	3146.829	3147.836	3145.821	V130
T112	1385.800	3063.779	3047.760	3048.768	3046.752	T129
L113	1468.884	2982.731	2946.713	2947.720	2945.705	L128
A114	1569.921	2848.641	2833.628	2834.636	2832.621	A127
Q115	1697.980	2778.610	2762.591	2763.599	2761.584	Q126
G116	1755.001	2650.562	2634.533	2635.541	2633.525	G125
G117	1812.023	2593.530	2577.511	2578.519	2576.504	G124
V118	1911.061	2536.509	2520.490	2521.498	2519.482	V123
L119	2024.175	2437.440	2421.421	2422.429	2420.414	L122
T120	2112.228	2324.395	2308.377	2309.385	2307.370	T121
N121	2235.271	2227.363	2211.345	2212.352	2210.337	N120
I122	2348.355	2113.260	2097.242	2098.250	2096.234	I119
Q123	2476.411	2000.176	1984.158	1985.165	1983.150	Q118
A124	2547.450	1872.118	1856.099	1857.107	1855.091	A117
V125	2646.519	1801.081	1785.062	1786.070	1784.054	V116
L126	2759.603	1702.012	1686.994	1687.991	1686.980	L115
L127	2872.687	1598.935	1572.900	1573.917	1571.902	L114
P128	2969.740	1475.844	1459.825	1460.833	1458.818	P113
K129	3097.835	1378.791	1362.773	1363.780	1361.765	K112
K130	3225.930	1250.695	1234.678	1235.685	1233.670	K111
T131	3326.977	1122.601	1106.583	1107.591	1105.575	T110
E132	3459.020	1011.554	1005.535	1006.543	1004.527	E109
S133	3543.052	892.511	876.492	877.500	875.485	S108
H134	3680.111	805.479	789.460	790.468	788.453	H107
H135	3817.170	668.420	652.401	653.409	651.394	H106
K136	3945.205	531.301	515.283	516.290	514.275	K105
A137	4016.302	403.266	387.248	388.255	386.240	A104
K138	4144.397	332.229	316.211	317.218	315.203	K103
G139	4201.418	204.134	188.116	189.123	187.105	G102
K140	4329.513	147.113	131.094	132.102	130.086	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.08
- ▶ F097416.dat
- ▶ query=q2216.p1
- ▶ precursor=1083.381800
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
D	1	67.034	2165.752	2157.743	0.504	2157.239	D[40]
E	2	131.555	2108.239	2100.229	0.504	2099.726	E[39]
E	3	188.077	2043.718	2035.708	0.504	2035.204	E[38]
L	4	252.619	1979.196	1971.187	0.504	1970.683	L[37]
N	5	309.640	1922.654	1914.645	1915.140	1914.141	N[36]
K	6	374.668	1865.613	1857.623	1858.127	1857.119	K[35]
L	7	430.210	1801.585	1793.576	1794.080	1793.072	L[34]
L	8	486.772	1743.043	1735.034	1737.538	1738.533	L[33]
G	9	515.292	1708.501	1680.492	1680.996	1679.988	G[32]
K	10	593.346	1659.990	1651.981	1652.485	1651.477	K[31]
V	11	642.880	1581.927	1573.918	1574.422	1573.414	V[30]
T	12	693.404	1532.393	1524.384	1524.888	1523.880	T[29]
L	13	740.946	1461.869	1473.860	1474.364	1473.356	L[28]
A	14	785.468	1426.327	1418.318	1417.822	1418.814	A[27]
G	15	849.493	1389.805	1381.799	1382.303	1381.295	G[26]
Q	16	878.004	1325.779	1317.770	1318.274	1317.266	Q[25]
G	17	906.515	1297.269	1289.259	1289.763	1288.755	G[24]
V	18	956.049	1268.752	1260.743	1261.252	1260.245	V[23]
L	19	1012.597	1219.224	1211.214	1211.718	1210.710	L[22]
F	20	1081.118	1192.568	1184.559	1185.076	1184.167	F[21]
N	21	1118.139	1114.155	1106.146	1106.650	1105.642	N[20]
I	22	1174.681	1057.134	1049.124	1049.628	1048.621	I[19]
Q	23	1238.710	1000.592	992.582	993.086	992.079	Q[18]
A	24	1294.229	936.563	928.553	929.057	928.049	A[17]
V	25	1323.763	893.044	885.035	885.539	884.531	V[16]
L	26	1380.305	851.510	843.500	844.004	843.000	L[15]
L	27	1436.847	794.968	786.958	787.462	786.454	L[14]
F	28	1469.374	738.426	730.416	730.920	729.912	F[13]
K	29	1549.421	699.899	691.890	692.394	691.386	K[12]
K	30	1613.468	626.362	618.352	618.856	617.848	K[11]
T	31	1663.992	563.894	555.885	556.389	555.381	T[10]
E	32	1728.514	511.261	503.251	503.755	502.747	E[9]
S	33	1772.030	446.759	438.750	439.254	438.246	S[8]
H	34	1840.559	403.243	395.234	395.738	394.730	H[7]
H	35	1909.089	334.714	326.704	327.208	326.200	H[6]
K	36	1971.136	266.184	258.175	258.679	257.671	K[5]
A	37	2038.655	202.137	194.127	194.631	193.624	A[4]
K	38	2072.702	166.618	158.609	159.113	158.105	K[3]
G	39	2101.211	102.571	94.561	95.065	94.057	G[2]
K	40	2185.260	74.060	66.051	66.555	65.547	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

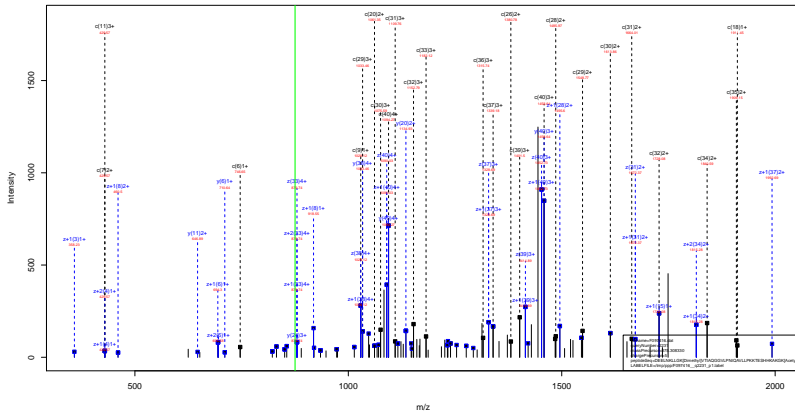
DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=75.08
- ▶ F097416.dat
- ▶ query=q2216.p1
- ▶ precursor=1083.381800
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA	
D	1	45.025	1444.171	1438.831	0.672	1438.495	D[40]
E	2	68.039	1405.828	1400.489	0.672	1400.153	E[39]
E	3	113.654	1362.874	1357.477	0.672	1357.139	E[38]
L	4	158.748	1319.880	1314.460	0.672	1314.124	L[37]
N	5	206.762	1282.105	1276.706	1.277	1276.430	N[36]
K	6	249.401	1244.091	1238.751	1239.087	1238.415	K[35]
L	7	287.156	1201.393	1196.053	1196.389	1195.717	L[34]
L	8	324.869	1163.099	1158.788	1158.894	1158.622	L[33]
G	9	343.357	1128.003	1123.694	1121.008	1120.520	G[32]
K	10	395.899	1106.996	1101.636	1101.992	1101.321	K[31]
V	11	438.922	1054.954	1049.614	1049.950	1049.277	V[30]
T	12	482.605	1021.931	1016.592	1016.928	1016.256	T[29]
L	13	500.299	988.249	982.909	983.246	982.573	L[28]
A	14	523.979	950.554	945.214	945.550	944.877	A[27]
Q	15	566.695	926.875	921.535	921.871	921.199	Q[26]
G	16	585.672	884.189	878.849	879.185	878.513	G[25]
G	17	604.679	845.182	839.842	839.178	838.506	G[24]
V	18	637.702	846.174	840.835	841.171	840.499	V[23]
L	19	678.397	813.152	807.812	808.148	807.475	L[22]
F	20	707.747	775.821	770.481	770.817	769.141	F[21]
N	21	748.762	743.106	737.766	738.102	737.430	N[20]
I	22	781.456	705.002	699.662	700.000	699.411	I[19]
Q	23	826.143	667.397	662.057	662.393	661.721	Q[18]
A	24	849.827	624.711	619.371	619.707	619.035	A[17]
V	25	882.844	603.035	597.695	598.032	597.360	V[16]
L	26	920.539	568.009	562.669	563.005	562.333	L[15]
L	27	958.234	530.314	524.975	525.311	524.639	L[14]
F	28	990.505	492.620	487.280	487.616	486.944	F[13]
K	29	1033.283	460.289	454.929	455.265	454.593	K[12]
K	30	1075.983	427.570	422.230	422.567	421.895	K[11]
T	31	1109.664	374.872	369.532	369.868	369.196	T[10]
E	32	1152.678	341.188	335.850	336.186	335.514	E[9]
S	33	1181.689	298.175	292.836	293.172	292.500	S[8]
H	34	1227.375	269.185	263.825	264.161	263.489	H[7]
H	35	1273.061	223.478	218.139	218.475	217.803	H[6]
K	36	1318.760	177.762	172.423	172.760	172.110	K[5]
A	37	1339.439	135.094	129.754	130.090	129.418	A[4]
K	38	1382.137	111.415	106.075	106.411	105.739	K[3]
G	39	1461.144	68.716	63.377	63.713	63.041	G[2]
K	40	1443.843	49.709	44.370	44.705	44.034	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.77
- ▶ F097416.dat
- ▶ query=q2231_p1
- ▶ precursor=875.308330
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D 1	133.061	4372.508	4385.489	0.000	4355.481	D40
E 2	362.003	4257.481	4281.482	0.000	4240.484	E30
E 3	391.148	4120.435	4132.420	0.000	4111.412	E38
L 4	504.230	3999.396	3983.377	0.000	3982.369	L37
N 5	618.273	3898.311	3870.293	3871.301	3869.285	N36
K 6	746.368	3772.259	3758.250	3757.258	3755.242	K35
L 7	859.452	3644.174	3628.155	3629.163	3627.147	L34
L 8	972.536	3531.090	3523.071	3518.079	3514.063	L33
G 9	1029.558	3418.006	3401.987	3402.995	3400.979	G32
K10	1185.684	3300.984	3284.965	3285.973	3283.958	K31
V11	1284.752	3204.858	3188.839	3189.847	3187.831	V30
T12	1385.800	3105.790	3089.771	3090.779	3088.763	T29
L13	1498.884	3004.742	2985.723	2989.731	2987.715	L28
A14	1589.921	2901.658	2875.639	2878.647	2874.631	A27
Q15	1697.980	2820.623	2804.602	2805.610	2803.594	Q26
G16	1755.001	2692.582	2676.543	2677.551	2675.538	G25
G17	1812.023	2639.541	2619.522	2620.530	2618.514	G24
V18	1911.091	2578.519	2562.500	2563.508	2561.493	V23
L19	2024.175	2479.451	2463.432	2464.440	2462.425	L22
P20	2121.228	2366.361	2350.348	2351.356	2349.340	P21
N21	2235.271	2269.314	2253.295	2254.303	2252.287	N20
I22	2348.355	2155.271	2139.252	2140.260	2138.244	I19
Q23	2476.413	2042.181	2026.168	2027.176	2025.160	Q18
A24	2547.450	1914.126	1898.110	1899.117	1897.102	A17
V25	2649.519	1843.061	1827.043	1828.050	1826.035	V16
L26	2754.603	1744.022	1728.004	1729.012	1726.996	L15
L27	2872.687	1630.939	1614.920	1615.928	1613.912	L14
P28	2969.740	1517.855	1501.836	1502.844	1500.828	P13
K29	3097.835	1420.802	1404.783	1405.791	1403.775	K12
K30	3225.930	1292.707	1276.688	1277.696	1275.680	K11
I31	3338.977	1194.712	1148.593	1149.601	1147.585	I10
E32	3456.020	1063.564	1047.546	1048.553	1046.538	E9
S33	3543.052	934.522	918.503	919.511	917.495	S8
H34	3680.111	847.406	831.471	832.479	830.463	H7
H35	3817.170	710.431	694.412	695.420	693.404	H6
K36	3945.265	573.372	557.353	558.361	556.345	K5
A37	4019.302	448.317	429.258	430.266	428.250	A4
K38	4144.397	374.240	358.221	359.229	357.212	K3
G39	4201.418	246.145	230.126	231.134	229.118	G2
K40	4371.524	189.123	173.105	174.112	172.097	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.77
- ▶ F097416.dat
- ▶ query=q2231_p1
- ▶ precursor=875.308330
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
D	1	87.034	2189.758	2178.748	0.504	2178.244	D[40]
E	2	131.555	2129.244	2121.235	0.504	2120.731	E[39]
E	3	188.077	2064.721	2056.713	0.504	2056.210	E[38]
L	4	252.619	2000.202	1992.192	0.504	1991.688	L[37]
N	5	309.640	1941.659	1935.650	1936.154	1935.146	N[36]
K	6	374.668	1889.638	1879.629	1879.133	1878.125	K[35]
L	7	430.230	1822.591	1814.581	1815.085	1814.077	L[34]
L	8	489.772	1766.049	1758.039	1758.543	1757.535	L[33]
Q	9	535.292	1709.559	1701.550	1702.051	1700.991	Q[32]
K	10	593.346	1660.999	1672.986	1673.490	1672.482	K[31]
V	11	642.880	1602.933	1594.923	1595.427	1594.411	V[30]
T	12	693.404	1553.398	1545.389	1545.893	1544.885	T[29]
L	13	749.946	1502.875	1494.865	1495.369	1494.361	L[28]
A	14	785.464	1446.333	1438.323	1438.827	1437.821	A[27]
Q	15	849.493	1410.814	1402.805	1403.309	1402.301	Q[26]
G	16	878.004	1346.785	1338.775	1339.279	1338.271	G[25]
G	17	906.515	1318.274	1310.265	1310.768	1309.761	G[24]
V	18	956.049	1269.193	1261.184	1262.188	1261.180	V[23]
L	19	1012.591	1240.229	1232.220	1232.724	1231.716	L[22]
P	20	1061.118	1183.081	1175.071	1175.575	1174.567	P[21]
N	21	1118.139	1135.161	1127.151	1127.655	1126.647	N[20]
I	22	1174.681	1078.178	1070.130	1070.634	1069.626	I[19]
Q	23	1238.710	1021.597	1013.588	1014.092	1013.084	Q[18]
A	24	1274.229	957.568	949.558	950.062	949.055	A[17]
V	25	1323.763	922.049	914.040	914.544	913.536	V[16]
L	26	1380.305	872.515	864.506	865.010	864.002	L[15]
L	27	1436.847	815.973	807.964	808.468	807.460	L[14]
P	28	1485.374	759.431	751.422	751.926	750.918	P[13]
K	29	1549.421	710.905	702.895	703.399	702.391	K[12]
K	30	1613.468	646.957	638.948	639.452	638.444	K[11]
T	31	1663.992	582.016	574.007	575.304	574.296	T[10]
E	32	1728.514	532.086	524.076	524.780	523.773	E[9]
S	33	1772.030	467.705	459.755	460.259	459.251	S[8]
H	34	1840.559	424.248	416.239	416.743	415.735	H[7]
H	35	1909.089	356.719	347.710	348.214	347.206	H[6]
K	36	1973.138	287.186	279.180	279.884	278.876	K[5]
A	37	2058.655	223.142	215.133	215.637	214.629	A[4]
K	38	2072.702	187.624	179.614	180.118	179.110	K[3]
G	39	2161.211	123.576	115.567	116.071	115.063	G[2]
K	40	2186.266	95.065	87.056	87.560	86.552	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=43.77
- ▶ F097416.dat
- ▶ query=q2231_p1
- ▶ precursor=875.308330
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
D	1	45.025	1458.174	1452.835	0.672	1452.499	D[40]	
E	2	68.039	1419.812	1414.492	0.672	1414.156	E[39]	
E	3	133.054	1376.816	1371.473	0.672	1371.145	E[38]	
L	4	198.748	1333.803	1328.464	0.672	1328.128	L[37]	
N	5	266.762	1296.109	1290.769	1.201	1290.433	N[36]	
K	6	349.401	1258.004	1252.755	1253.091	1.252	1252.419	K[35]
L	7	287.156	1215.996	1210.057	1.210	1209.721	L[34]	
L	8	354.850	1177.701	1172.282	1.172	1172.029	L[33]	
G	9	413.352	1140.001	1134.667	1135.003	1134.331	G[32]	
K	10	395.899	1121.000	1115.660	1115.996	1.115	1115.324	K[31]
V	11	428.922	1088.951	1083.618	1.083	1083.954	V[30]	
T	12	462.605	1035.935	1030.595	1.030	1030.250	T[29]	
L	13	500.299	1002.252	996.913	997.248	996.517	L[28]	
A	14	523.979	964.551	959.213	959.554	958.982	A[27]	
Q	15	566.695	940.875	935.539	935.875	935.203	Q[26]	
G	16	585.672	898.192	892.853	893.189	892.517	G[25]	
G	17	604.670	879.185	873.845	874.181	873.510	G[24]	
V	18	637.702	860.179	854.838	855.174	854.502	V[23]	
L	19	675.307	827.155	821.816	822.151	821.480	L[22]	
F	20	707.747	789.480	784.143	784.483	783.782	F[21]	
N	21	748.762	757.108	751.770	752.106	751.434	N[20]	
I	22	783.496	716.095	710.756	711.092	710.420	I[19]	
Q	23	826.143	681.400	676.061	676.397	675.725	Q[18]	
A	24	849.827	638.714	633.375	633.711	633.039	A[17]	
V	25	882.844	615.035	609.696	610.032	609.360	V[16]	
L	26	920.539	582.012	576.673	577.009	576.337	L[15]	
L	27	958.234	544.318	538.978	539.314	538.642	L[14]	
F	28	990.505	506.623	501.284	501.619	500.946	F[13]	
K	29	1033.283	474.272	468.933	469.269	468.597	K[12]	
K	30	1075.981	431.374	426.035	426.370	425.698	K[11]	
T	31	1109.664	388.876	383.536	383.872	383.200	T[10]	
E	32	1152.678	355.183	349.843	350.189	349.517	E[9]	
S	33	1181.689	312.179	306.839	307.175	306.503	S[8]	
H	34	1227.375	283.168	277.829	278.164	277.493	H[7]	
H	35	1273.063	237.462	232.123	232.458	231.806	H[6]	
K	36	1315.760	194.795	189.455	189.792	189.120	K[5]	
A	37	1339.439	149.097	143.758	144.094	143.422	A[4]	
K	38	1382.137	125.418	120.079	120.414	119.743	K[3]	
G	39	1461.144	82.720	77.380	77.716	77.044	G[2]	
K	40	1457.846	63.713	58.373	58.709	58.037	K[1]	

sp | Q6GSS7 | H2A2A_MOUSE

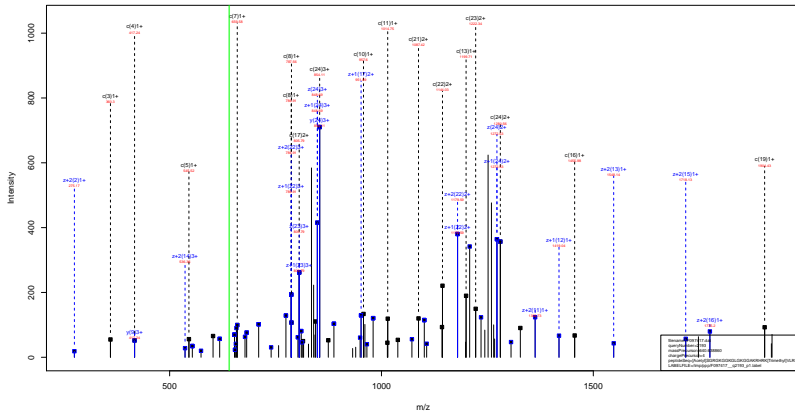
DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=43.77
- ▶ F097416.dat
- ▶ query=q2231_p1
- ▶ precursor=875.308330
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
D1	34.621	1093.882	1089.878	0.755	1089.626	L40
E1	66.281	1088.131	1061.121	0.755	1060.869	L39
E3	98.542	1032.865	1028.860	0.755	1028.608	L38
L4	126.813	1000.604	996.600	0.755	996.348	L37
N5	155.324	972.333	968.329	968.581	968.077	N36
K6	187.347	943.823	939.818	940.070	939.566	K35
L7	215.818	911.790	907.794	908.046	907.543	L34
L8	243.889	883.529	879.523	879.775	879.271	L33
G9	258.145	855.257	851.252	851.504	851.000	G32
K10	297.176	841.002	836.997	837.249	836.745	K31
V11	321.944	801.970	797.965	798.217	797.713	V30
T12	347.205	777.303	773.198	773.450	772.946	T29
L13	375.476	751.943	747.838	748.188	747.686	L28
A14	392.236	723.870	719.665	719.917	719.413	A27
Q15	425.290	705.911	701.906	702.158	701.654	Q26
G16	439.506	673.886	669.891	670.143	669.639	G25
G17	453.761	659.641	655.636	655.888	655.384	G24
V18	478.526	645.395	641.381	641.633	641.129	V23
L19	506.790	620.610	616.613	616.865	616.362	L22
T20	531.062	592.341	588.342	588.594	588.090	T21
N21	559.573	568.084	564.079	564.331	563.827	N20
I22	587.844	539.573	535.569	535.820	535.317	I19
Q23	619.859	511.307	507.298	507.549	507.044	Q18
A24	637.618	479.288	475.283	475.535	475.031	A17
V25	662.385	461.520	457.524	457.776	457.272	V16
L26	690.656	439.761	432.756	433.008	432.505	L15
L27	718.927	408.490	404.485	404.737	404.234	L14
F28	743.190	380.210	376.214	376.466	375.963	F13
K29	775.214	355.950	351.951	352.203	351.699	K12
K30	807.238	323.937	319.928	320.179	319.676	K11
T31	832.500	291.968	287.964	288.156	287.652	T10
E32	854.768	260.541	252.642	252.804	252.301	E9
S33	886.518	234.380	230.381	230.633	230.129	S8
H34	920.783	212.628	208.623	208.875	208.371	H7
H35	955.046	179.363	174.358	174.610	174.107	H6
K36	987.072	144.090	140.094	140.346	139.842	K5
A37	1024.811	112.2075	108.070	108.322	107.818	A4
K38	1036.855	94.315	90.311	90.563	90.060	K3
G39	1051.110	62.292	58.287	58.539	58.035	G2
K40	1093.636	48.030	44.032	44.284	43.780	K1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Trimethyl VLRD
42.05



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=96.08
- ▶ F097417.dat
- ▶ query=q2193_p1
- ▶ precursor=640.638860
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2509.518	2543.409	0.000	2542.491	S[24]
G[2]	204.098	2430.475	2414.457	0.000	2413.449	G[23]
R[3]	368.199	2373.494	2367.435	2358.443	2366.427	R[22]
G[4]	417.230	2217.953	2201.334	2202.342	2200.328	G[21]
K[5]	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G[6]	602.337	2032.236	2016.218	2017.225	2015.210	G[19]
G[7]	659.358	1975.215	1959.196	1960.204	1958.188	G[18]
K[8]	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G[9]	844.475	1790.098	1774.080	1775.087	1773.072	G[16]
L[10]	927.559	1733.077	1717.058	1718.066	1716.050	L[15]
G[11]	1014.580	1619.993	1603.974	1604.982	1602.966	G[14]
K[12]	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G[13]	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G[14]	1256.718	1377.855	1361.836	1362.844	1360.828	G[11]
A[15]	1327.795	1320.833	1304.815	1305.823	1303.807	A[10]
R[16]	1435.930	1249.796	1233.778	1234.785	1232.770	R[9]
R[17]	1611.951	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1749.010	965.600	949.582	950.589	948.574	H[7]
R[19]	1905.111	838.541	812.523	813.530	811.515	R[6]
K[20]	2075.253	672.440	656.422	657.429	655.414	K[5]
V[21]	2174.322	502.298	486.280	487.287	485.272	V[4]
L[22]	2287.406	403.230	387.211	388.219	386.203	L[3]
R[23]	2443.507	296.146	274.127	275.135	273.119	R[2]
D[24]	2598.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=96.08
- ▶ F097417.dat
- ▶ query=q2193_p1
- ▶ precursor=640.638860
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1280.263	1272.253	0.504	1271.749	S[24]
G	2	102.553	1215.741	1207.732	0.504	1207.228	G[23]
K	3	180.603	1187.231	1179.221	1179.725	1179.717	K[22]
G	4	259.114	1109.180	1101.171	1101.675	1100.567	G[21]
K	5	273.153	1080.669	1074.500	1073.084	1072.155	K[20]
G	6	301.672	1036.622	1008.612	1009.116	1008.100	G[19]
G	7	330.183	988.111	980.102	980.606	979.598	G[18]
K	8	394.230	959.600	951.591	952.095	951.087	K[17]
G	9	422.741	895.553	887.543	888.047	887.040	G[16]
L	10	479.283	867.042	860.033	859.537	858.530	L[15]
G	11	507.794	810.500	802.491	802.995	801.987	G[14]
K	12	571.841	781.989	773.980	774.484	773.476	K[13]
G	13	600.352	717.943	709.932	710.436	709.429	G[12]
G	14	638.863	699.431	681.422	681.926	680.919	G[11]
A	15	684.381	660.920	652.911	653.415	652.407	A[10]
R	16	739.439	625.462	617.392	617.896	616.889	R[9]
R	17	806.479	561.954	553.345	553.849	552.841	R[8]
H	18	875.009	483.304	475.294	475.798	474.791	H[7]
R	19	953.059	414.774	406.765	407.269	406.261	R[6]
K	20	1038.130	336.724	328.714	329.218	328.211	K[5]
V	21	1087.665	251.033	243.023	244.527	243.520	V[4]
L	22	1144.207	202.110	194.100	194.613	193.605	L[3]
R	23	1222.257	145.577	137.567	138.071	137.063	R[2]
D	24	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=96.08
- ▶ F097417.dat
- ▶ query=q2193_p1
- ▶ precursor=640.638860
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505		0.672	848.169 S[24]
G[2]	58.704	810.830	805.490		0.672	805.154 G[23]
R[3]	150.738	791.821	786.483	786.819		786.147 R[22]
G[4]	139.745	739.789	734.450	734.785		734.114 G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	578.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.660	535.320	535.666	534.994	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	635.709	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	224.818	219.478	219.815	219.143	K[5]
V[21]	725.445	168.104	162.764	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Acetyl}_{42.01} VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=137.05
- ▶ F097417.dat
- ▶ query=q2274_p1
- ▶ precursor=651.140540
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	105.006	2601.528	2585.510	0.000	2584.502	S[24]
G	2	162.087	2514.496	2498.478	0.000	2497.470	G[23]
R	3	350.235	2457.475	2441.455	2442.464	2440.440	R[22]
G	4	417.757	2399.527	2283.308	2244.316	2242.300	G[21]
K	5	545.352	2202.305	2186.287	2187.295	2185.279	K[20]
G	6	602.373	2074.210	2058.192	2059.200	2057.184	G[19]
G	7	659.395	2017.189	2001.170	2002.178	2000.162	G[18]
K	8	787.490	1960.168	1944.149	1945.157	1943.141	K[17]
G	9	844.511	1832.072	1816.054	1817.062	1815.046	G[16]
L	10	927.590	1775.061	1759.022	1760.040	1758.025	L[15]
G	11	1014.617	1661.967	1645.948	1646.956	1644.940	G[14]
K	12	1142.712	1604.946	1588.927	1589.935	1587.919	K[13]
G	13	1199.733	1476.851	1460.832	1461.840	1459.824	G[12]
G	14	1256.755	1419.829	1403.810	1404.818	1402.803	G[11]
A	15	1327.792	1362.808	1346.789	1347.797	1345.781	A[10]
R	16	1407.897	1298.772	1279.732	1278.760	1274.744	R[9]
R	17	1653.998	1121.665	1105.646	1106.654	1104.638	R[8]
H	18	1791.057	985.564	949.545	950.553	948.537	H[7]
R	19	1947.158	828.505	812.486	813.494	811.478	R[6]
K	20	2117.264	672.404	656.385	657.393	655.377	K[5]
V	21	2216.332	502.298	486.280	487.287	485.272	V[4]
L	22	2329.416	403.230	387.211	388.219	386.203	L[3]
R	23	2485.517	280.146	274.127	275.135	273.119	R[2]
D	24	2600.544	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Acetyl}_{42.01} VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=137.05
- ▶ F097417.dat
- ▶ query=q2274_p1
- ▶ precursor=651.140540
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	61.017	1301.268	1291.258	0.504	1292.755	S[24]
G	2	61.547	1257.752	1249.742	0.504	1249.230	G[23]
R	3	180.621	1279.241	1271.232	12.1738	1220.720	R[22]
G	4	299.132	1139.761	1122.158	1132.662	1121.656	G[21]
K	5	273.180	1101.656	1093.647	1094.151	1093.141	K[20]
G	6	301.690	1037.609	1029.600	1030.103	1029.600	G[19]
G	7	330.201	1009.098	1001.089	1001.593	1000.585	G[18]
K	8	394.248	930.587	972.578	973.082	972.074	K[17]
G	9	422.759	916.540	908.531	908.034	908.031	G[16]
L	10	479.304	868.029	880.020	880.524	879.516	L[15]
G	11	507.812	831.487	823.478	823.982	822.974	G[14]
K	12	571.859	802.976	794.967	795.471	794.463	K[13]
G	13	600.370	738.929	730.920	731.423	730.416	G[12]
G	14	628.881	710.418	702.409	702.913	701.905	G[11]
A	15	684.399	681.907	673.898	674.402	673.395	A[10]
R	16	749.432	646.395	638.380	638.883	637.871	R[9]
R	17	827.503	561.338	553.327	553.831	552.821	R[8]
H	18	866.032	483.289	475.278	475.780	474.772	H[7]
R	19	974.083	414.750	406.747	407.251	406.243	R[6]
K	20	1059.136	336.706	328.695	329.200	328.192	K[5]
V	21	1105.670	252.653	243.643	244.147	243.140	V[4]
L	22	1165.212	202.119	194.109	194.613	193.605	L[3]
R	23	1243.262	145.577	137.567	138.071	137.063	R[2]
D	24	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

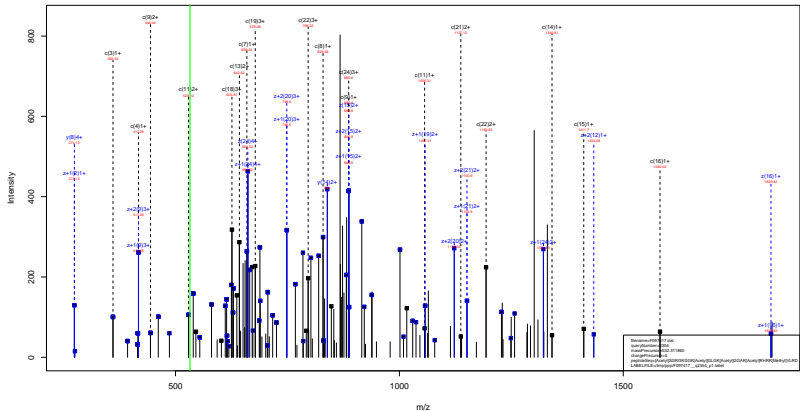
SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Acetyl}_{42.01} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=137.05
- ▶ F097417.dat
- ▶ query=q2274_p1
- ▶ precursor=651.140540
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	95.693	867.848	862.508	0.672	862.172	S[24]
G[2]	54.701	838.837	833.497	0.672	833.161	G[23]
R[3]	130.750	819.830	814.490	814.826	814.154	R[22]
G[4]	139.757	753.780	748.441	748.777	748.105	G[21]
K[5]	182.495	734.773	729.434	729.770	729.098	K[20]
G[6]	201.463	692.075	686.735	687.071	686.399	G[19]
G[7]	220.470	673.068	667.728	668.064	667.392	G[18]
K[8]	263.168	654.061	648.721	649.057	648.385	K[17]
G[9]	282.175	631.362	626.023	626.359	625.687	G[16]
L[10]	319.670	592.355	587.015	587.352	586.680	L[15]
G[11]	338.677	554.661	549.321	549.657	548.985	G[14]
K[12]	381.575	535.653	530.314	530.650	529.978	K[13]
G[13]	400.583	492.955	487.615	487.951	487.280	G[12]
G[14]	419.590	473.948	468.608	468.944	468.272	G[11]
A[15]	443.269	454.941	449.601	449.937	449.265	A[10]
K[16]	499.971	431.262	425.922	426.258	425.586	K[9]
R[17]	552.004	374.960	369.620	369.956	368.884	R[8]
H[18]	597.691	322.526	317.187	317.523	316.851	H[7]
R[19]	649.724	276.840	271.500	271.836	271.164	R[6]
K[20]	706.426	234.906	219.487	219.803	219.131	K[5]
V[21]	739.449	188.104	182.765	183.101	182.429	V[4]
L[22]	777.144	136.082	129.742	130.078	129.406	L[3]
R[23]	829.177	97.387	92.047	92.383	91.711	R[2]
D[24]	867.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK Methyl 14.02 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=92.99
- ▶ F097417.dat
- ▶ query=q2354_p1
- ▶ precursor=532.311860
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S	147.076	267.518	264.500	0.000	2640.492	S[24]
G	204.098	2528.476	2512.457	0.000	2511.449	G[23]
R	360.199	2471.434	2455.435	2456.443	2454.428	R[22]
G	417.220	2315.383	2299.339	2300.342	2298.327	G[21]
K	545.315	2258.332	2242.313	2243.321	2241.305	K[20]
G	602.337	2130.237	2114.218	2115.226	2113.210	G[19]
G	659.358	2073.215	2057.190	2058.204	2056.189	G[18]
K	829.464	2016.194	2000.175	2001.183	1999.167	K[17]
G	886.485	1846.088	1830.069	1831.077	1829.062	G[16]
L	909.459	1739.067	1723.048	1724.056	1722.041	L[15]
Q	1056.591	1875.983	1859.964	1860.972	1858.956	Q[14]
K	1226.696	1818.961	1802.942	1803.950	1801.935	K[13]
G	1283.718	1448.856	1432.837	1433.845	1431.829	G[12]
G	1340.739	1391.834	1375.815	1376.823	1374.808	G[11]
A	1411.776	1334.812	1318.793	1319.802	1317.786	A[10]
R	1501.882	1283.718	1267.699	1268.705	1266.689	R[9]
R	1737.883	1093.670	1077.651	1078.659	1076.644	R[8]
H	1875.042	937.569	921.550	922.558	920.542	H[7]
R	2031.143	800.510	784.491	785.499	783.484	R[6]
K	2175.254	644.409	628.390	629.398	627.382	K[5]
V	2272.222	602.398	486.280	487.287	485.272	V[4]
L	2385.408	493.230	382.411	383.419	381.403	L[3]
R	2541.507	390.148	274.127	275.135	273.119	R[2]
D	2656.534	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=92.99
- ▶ F097417.dat
- ▶ query=q2354_p1
- ▶ precursor=532.311860
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1129.263	1321.253	0.504	1320.749	S[24]
G[2]	102.553	1264.741	1256.732	0.504	1256.228	G[23]
R[3]	180.603	1236.231	1228.221	1128.726	1227.717	R[22]
G[4]	289.114	1158.189	1150.171	1150.975	1149.667	G[21]
K[5]	273.163	1129.669	1121.659	1122.164	1121.156	K[20]
G[6]	303.672	1065.622	1057.613	1058.117	1057.109	G[19]
G[7]	330.183	1037.111	1029.102	1029.606	1028.599	G[18]
K[8]	415.236	1008.601	1000.591	1001.095	1000.587	K[17]
G[9]	443.746	921.546	915.538	916.042	915.534	G[16]
L[10]	609.656	899.037	897.029	897.532	896.524	L[15]
G[11]	528.799	838.495	830.486	830.990	829.982	G[14]
K[12]	613.852	809.984	801.975	802.479	801.471	K[13]
G[13]	642.363	724.931	716.922	717.426	716.418	G[12]
G[14]	670.873	696.421	688.411	688.915	687.907	G[11]
A[15]	708.392	689.910	685.901	683.905	689.397	A[10]
R[16]	791.445	632.391	624.382	624.886	623.877	R[9]
R[17]	869.495	547.339	539.329	539.833	538.825	R[6]
H[18]	938.025	469.288	461.279	461.783	460.775	H[7]
R[19]	1016.075	400.759	392.749	393.253	392.245	R[6]
K[20]	1057.128	322.708	314.699	315.203	314.195	K[5]
V[21]	1136.665	293.683	283.673	284.177	283.169	V[4]
L[22]	1193.207	202.139	194.130	194.633	193.625	L[3]
R[23]	1271.257	148.577	137.567	138.071	137.063	R[2]
D[24]	1328.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=92.99
- ▶ F097417.dat
- ▶ query=q2354_p1
- ▶ precursor=532.311860
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	886.511	881.171	0.672	880.835	S[24]
G[2]	58.704	843.497	838.157	0.672	837.821	G[23]
R[3]	150.738	824.490	819.150	819.486	818.814	R[22]
G[4]	139.745	772.456	767.116	767.452	766.780	G[21]
K[5]	182.443	793.449	748.109	748.445	747.773	K[20]
G[6]	201.450	710.750	705.411	705.747	705.075	G[19]
G[7]	220.458	691.743	686.404	686.740	686.068	G[18]
K[8]	277.159	672.736	667.397	667.732	667.061	K[17]
G[9]	296.167	616.034	610.695	611.031	610.359	G[16]
L[10]	313.681	597.027	591.688	592.023	591.352	L[15]
G[11]	352.968	559.137	553.993	554.329	553.657	G[14]
K[12]	409.570	540.325	534.988	535.322	534.650	K[13]
G[13]	428.577	483.623	478.284	478.620	477.948	G[12]
G[14]	447.585	464.616	459.277	459.613	458.941	G[11]
A[15]	471.264	445.609	440.270	440.605	439.934	A[10]
K[16]	527.966	421.930	416.590	416.926	416.255	K[9]
R[17]	579.999	365.226	359.889	360.225	359.553	R[8]
H[18]	625.686	313.195	307.855	308.191	307.519	H[7]
R[19]	677.719	297.508	292.169	292.505	291.833	R[6]
K[20]	725.089	215.475	210.137	210.471	209.799	K[5]
V[21]	758.112	168.104	162.765	163.101	162.429	V[4]
L[22]	795.807	135.082	129.742	130.078	129.406	L[3]
R[23]	847.841	97.387	92.047	92.383	91.711	R[2]
D[24]	886.183	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

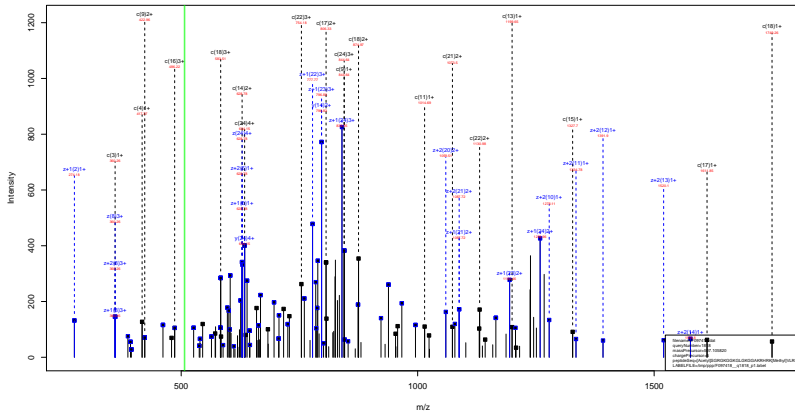
[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLRL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=92.99
- ▶ F097417.dat
- ▶ query=q2354_p1
- ▶ precursor=532.311860
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	665.135	661.130	0.755	660.078	S[24]
G[2]	51.780	532.874	626.870	0.755	626.618	G[23]
R[3]	90.805	618.619	614.614	614.866	614.362	R[22]
G[4]	105.061	579.594	575.589	575.841	575.337	G[21]
K[5]	137.084	565.338	561.334	561.586	561.082	K[20]
G[6]	151.340	533.315	529.310	529.562	529.058	G[19]
G[7]	165.595	519.059	515.055	515.307	514.803	G[18]
K[8]	208.121	504.804	500.799	501.051	500.547	K[17]
G[9]	222.377	462.278	458.273	458.525	458.021	G[16]
L[10]	250.048	448.022	444.017	444.269	443.766	L[15]
G[11]	264.303	419.751	415.746	415.998	415.494	G[14]
K[12]	307.430	405.496	401.491	401.743	401.239	K[13]
G[13]	321.685	362.969	358.965	359.217	358.713	G[12]
G[14]	335.940	348.714	344.709	344.961	344.457	G[11]
A[15]	353.700	334.459	330.454	330.706	330.202	A[10]
K[16]	396.226	316.699	312.695	312.947	312.443	K[9]
R[17]	435.251	274.173	270.168	270.420	269.916	R[8]
H[18]	469.516	235.146	231.143	231.395	230.891	H[7]
R[19]	503.541	200.883	196.879	197.130	196.626	R[6]
K[20]	544.069	161.858	157.853	158.105	157.601	K[5]
V[21]	568.836	126.330	122.325	122.577	122.073	V[4]
L[22]	597.107	101.563	97.558	97.810	97.306	L[3]
R[23]	636.132	73.292	69.287	69.539	69.035	R[2]
D[24]	664.889	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLRLD
14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=119.64
- ▶ F097418.dat
- ▶ query=q1818_p1
- ▶ precursor=507.105820
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	167.076	2531.487	2515.468	0.000	2514.460	S[24]
G[2]	224.598	2402.444	2386.425	0.000	2385.417	G[23]
H[3]	360.199	2348.423	2332.404	2330.412	2328.396	H[22]
G[4]	417.220	2189.321	2174.303	2174.310	2172.295	G[21]
K[5]	545.115	2132.300	2116.281	2117.289	2115.273	K[20]
G[6]	602.137	2004.205	1988.186	1989.194	1987.178	G[19]
G[7]	659.158	1947.184	1931.165	1932.173	1930.157	G[18]
K[8]	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G[9]	844.475	1782.067	1746.048	1747.056	1745.041	G[16]
L[10]	937.559	1705.046	1689.027	1690.035	1688.019	L[15]
G[11]	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K[12]	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G[13]	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G[14]	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A[15]	1327.755	1292.802	1276.783	1277.791	1275.776	A[10]
K[16]	1403.807	1224.705	1208.686	1208.754	1206.739	K[9]
R[17]	1611.951	1093.630	1077.611	1078.659	1076.644	R[8]
H[18]	1749.010	937.569	921.550	922.558	920.542	H[7]
R[19]	1905.111	800.510	784.491	785.499	783.484	R[6]
K[20]	2047.222	644.409	628.390	629.398	627.382	K[5]
V[21]	2146.290	602.298	486.280	487.287	485.272	V[4]
L[22]	2259.274	460.236	387.211	388.219	386.203	L[3]
D[23]	2419.476	390.140	274.127	275.135	273.119	D[2]
D[24]	2530.503	194.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=119.64
- ▶ F097418.dat
- ▶ query=q1818_p1
- ▶ precursor=507.105820
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1256.247	1258.238	0.504	1257.734	S[24]
G[2]	102.553	1201.726	1193.716	0.504	1193.212	G[23]
R[3]	180.603	1173.215	1165.206	1165.709	1164.702	R[22]
G[4]	269.114	1095.164	1087.155	1087.659	1086.651	G[21]
K[5]	273.161	1058.694	1058.694	1059.148	1055.140	K[20]
G[6]	301.672	1002.606	994.597	995.101	994.093	G[19]
G[7]	330.183	974.695	966.086	966.590	965.582	G[18]
K[8]	394.230	945.985	937.575	938.079	937.071	K[17]
G[9]	422.741	893.537	875.528	874.832	873.026	G[16]
L[10]	479.283	853.026	845.017	845.521	844.513	L[15]
Q[11]	507.794	796.484	788.475	788.979	787.971	Q[14]
K[12]	571.841	767.974	759.964	760.468	759.460	K[13]
G[13]	600.352	703.026	695.917	696.421	695.413	G[12]
G[14]	628.863	675.415	667.406	667.910	666.902	G[11]
A[15]	664.381	646.905	638.895	639.399	638.391	A[10]
R[16]	728.429	611.386	603.377	603.881	602.873	R[9]
R[17]	866.479	547.139	539.129	539.633	538.625	R[8]
H[18]	875.009	469.288	461.279	461.783	460.775	H[7]
R[19]	953.059	400.759	392.749	393.253	392.245	R[6]
R[20]	1024.115	322.708	314.699	315.203	314.195	R[5]
V[21]	1073.649	251.692	243.683	244.187	243.180	V[4]
L[22]	1130.191	202.119	194.109	194.613	193.605	L[3]
R[23]	1208.241	145.577	137.567	138.071	137.063	R[2]
D[24]	1265.755	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=119.64
- ▶ F097418.dat
- ▶ query=q1818_p1
- ▶ precursor=507.105820
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S[1]	49.697	844.500	839.161		0.672	838.825	S[24]
G[2]	58.704	801.486	796.147		0.672	795.811	G[23]
R[3]	120.738	782.470	777.139	777.475		776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770		G[21]
K[5]	182.443	711.438	706.099	706.435	705.763		K[20]
G[6]	201.450	668.740	663.400	663.736	663.064		G[19]
G[7]	220.458	649.733	644.393	644.729	644.057		G[18]
K[8]	263.156	630.726	625.386	625.722	625.050		K[17]
G[9]	282.163	588.027	582.688	583.024	582.352		G[16]
L[10]	319.858	609.020	563.600	564.016	563.345		L[15]
G[11]	338.865	531.925	525.986	526.322	525.650		G[14]
K[12]	381.563	512.918	505.979	507.315	506.643		K[13]
G[13]	400.570	469.620	464.280	464.616	463.944		G[12]
G[14]	419.578	450.613	445.273	445.609	444.937		G[11]
A[15]	443.257	431.606	426.266	426.602	425.930		A[10]
K[16]	485.955	407.927	402.587	402.923	402.251		K[9]
R[17]	537.989	365.226	359.889	360.225	359.553		R[8]
H[18]	583.675	313.195	307.855	308.191	307.519		H[7]
R[19]	633.709	297.508	292.168	292.504	291.833		R[6]
K[20]	683.079	215.475	210.135	210.471	209.799		K[5]
V[21]	716.102	168.104	162.764	163.101	162.429		V[4]
L[22]	753.796	135.082	129.742	130.078	129.406		L[3]
R[23]	805.830	97.387	92.047	92.383	91.711		R[2]
D[24]	844.172	45.353	40.014	40.349	39.678		D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=119.64
- ▶ F097418.dat
- ▶ query=q1818_p1
- ▶ precursor=507.105820
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	633.627	629.622	0.755	629.170	S[24]
G[2]	51.780	601.366	597.362	0.755	597.110	G[23]
R[3]	90.805	597.111	583.106	581.358	582.854	R[22]
G[4]	105.061	548.086	544.081	544.333	543.829	G[21]
K[5]	137.084	533.830	529.826	530.078	529.574	K[20]
G[6]	151.340	501.807	497.802	498.054	497.550	G[19]
G[7]	165.595	487.551	483.547	483.799	483.295	G[18]
K[8]	197.619	473.296	469.291	469.543	469.039	K[17]
G[9]	211.874	461.272	457.268	457.520	457.016	G[16]
L[10]	380.148	427.017	423.012	423.264	422.760	L[15]
G[11]	254.401	398.740	394.741	394.993	394.489	G[14]
K[12]	286.424	384.490	380.486	380.738	380.234	K[13]
G[13]	300.680	352.467	348.462	348.714	348.210	G[12]
G[14]	314.935	338.211	334.207	334.459	333.955	G[11]
A[15]	332.694	323.956	319.951	320.203	319.699	A[10]
K[16]	364.718	306.197	302.192	302.444	301.940	K[9]
R[17]	403.743	274.173	270.168	270.420	269.916	R[8]
H[18]	438.008	235.148	231.143	231.395	230.891	H[7]
R[19]	477.033	200.883	196.878	197.130	196.626	R[6]
K[20]	512.561	161.858	157.853	158.105	157.601	K[5]
V[21]	537.328	126.330	122.325	122.577	122.073	V[4]
L[22]	565.599	101.563	97.558	97.810	97.306	L[3]
R[23]	604.624	73.292	69.287	69.539	69.035	R[2]
D[24]	633.381	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=128.04
- ▶ F097418.dat
- ▶ query=q1819_p1
- ▶ precursor=633.630640
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2531.487	2515.468	0.000	2514.460	S[24]
G[2]	204.008	2402.444	2386.425	0.000	2385.417	G[23]
R[3]	368.199	2346.421	2329.404	2130.412	2328.396	R[22]
G[4]	417.230	2189.321	2173.303	2174.310	2172.295	G[21]
K[5]	545.315	2132.300	2116.281	2117.289	2115.273	K[20]
G[6]	602.337	2084.205	1986.186	1989.194	1987.178	G[19]
G[7]	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K[8]	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G[9]	844.475	1762.067	1746.048	1747.056	1745.041	G[16]
L[10]	927.559	1705.046	1689.027	1690.035	1688.019	L[15]
G[11]	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K[12]	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G[13]	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G[14]	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A[15]	1327.795	1292.802	1276.783	1277.791	1275.776	A[10]
R[16]	1435.850	1235.785	1220.766	1206.784	1204.769	R[9]
R[17]	1611.951	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1749.030	937.569	921.550	922.558	920.542	H[7]
R[19]	1905.111	800.510	784.491	785.499	783.484	R[6]
K[20]	2047.222	644.409	628.390	629.398	627.382	K[5]
V[21]	2146.290	502.298	486.280	487.287	485.272	V[4]
L[22]	2259.374	403.230	387.211	388.219	386.203	L[3]
R[23]	2415.476	290.146	274.127	275.135	273.119	R[2]
D[24]	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=128.04
- ▶ F097418.dat
- ▶ query=q1819_p1
- ▶ precursor=633.630640
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1266.247	1258.238	0.504	1257.736	S[24]
G[2]	102.553	1201.726	1193.716	0.504	1193.212	G[23]
R[3]	180.603	1173.215	1165.206	1165.709	1164.702	R[22]
G[4]	259.114	1095.164	1087.155	1087.659	1086.651	G[21]
K[5]	273.163	1056.654	1058.644	1059.148	1055.140	K[20]
G[6]	303.672	1002.606	994.597	995.101	994.093	G[19]
G[7]	330.183	974.095	966.086	966.590	965.582	G[18]
K[8]	394.230	945.585	937.575	938.079	937.071	K[17]
G[9]	422.741	881.537	873.528	874.032	873.024	G[16]
L[10]	479.289	853.026	845.017	845.521	844.513	L[15]
G[11]	507.799	796.484	788.475	788.979	787.971	G[14]
K[12]	571.841	767.974	759.964	760.468	759.460	K[13]
G[13]	600.352	703.926	695.917	696.421	695.413	G[12]
G[14]	628.863	675.415	667.406	667.910	666.902	G[11]
A[15]	664.364	646.905	638.895	639.399	638.391	A[10]
R[16]	728.430	611.386	603.377	603.881	602.873	R[9]
R[17]	806.479	547.339	539.329	539.833	538.825	R[8]
H[18]	875.009	469.289	461.279	461.783	460.775	H[7]
R[19]	953.059	400.759	392.749	393.253	392.245	R[6]
K[20]	1024.115	322.706	314.696	315.200	314.192	K[5]
V[21]	1073.649	253.653	245.643	246.147	245.140	V[4]
L[22]	1130.191	202.119	194.109	194.613	193.605	L[3]
R[23]	1208.241	145.577	137.567	138.071	137.063	R[2]
D[24]	1265.755	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl}VLRD
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=128.04
- ▶ F097418.dat
- ▶ query=q1819_p1
- ▶ precursor=633.630640
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	639.161	0.672	838.825	S[24]
G[2]	58.704	301.485	796.147	0.672	795.811	G[23]
R[3]	150.738	782.476	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	598.021	592.681	593.017	592.352	G[16]
L[10]	319.858	569.020	563.680	564.016	563.345	L[15]
G[11]	338.865	531.325	525.985	526.322	525.650	G[14]
K[12]	381.563	512.318	506.979	507.315	506.643	K[13]
G[13]	400.570	469.620	464.280	464.616	463.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.257	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.226	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	635.709	297.508	292.168	292.504	291.833	R[6]
K[20]	663.079	215.475	210.135	210.471	209.799	K[5]
V[21]	716.102	168.104	162.764	163.101	162.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGKGLGKGGAKRHR^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=108.76
- ▶ F097418.dat
- ▶ query=q1855_p1
- ▶ precursor=512.710470
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2559.518	2543.469	0.000	2542.491	S[24]
G[2]	204.098	2430.473	2414.427	0.000	2413.449	G[23]
R[3]	374.215	2371.454	2357.435	2358.441	2356.427	R[22]
G[4]	431.236	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	559.331	2146.318	2130.297	2131.305	2129.289	K[20]
G[6]	616.353	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	673.374	1961.199	1945.180	1946.188	1944.171	G[18]
K[8]	801.469	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	858.490	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	915.514	1719.061	1703.043	1704.050	1702.035	L[15]
Q[11]	1028.596	1655.977	1589.958	1590.966	1588.951	Q[14]
K[12]	1156.691	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1213.712	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1270.734	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1341.771	1306.817	1290.799	1291.807	1289.791	A[10]
R[16]	1409.856	1235.781	1220.763	1220.770	1218.755	R[9]
R[17]	1625.967	1107.688	1091.667	1092.675	1090.659	R[8]
H[18]	1763.026	951.585	935.566	936.574	934.558	H[7]
R[19]	1967.158	814.526	798.507	799.515	797.499	R[6]
K[20]	2075.253	630.393	614.375	615.382	613.367	K[5]
V[21]	2174.322	502.265	485.260	487.267	485.252	V[4]
L[22]	2267.408	463.139	387.211	388.219	386.203	L[3]
R[23]	2443.507	290.146	274.127	275.135	273.119	R[2]
D[24]	2558.534	134.045	138.026	139.034	137.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHR^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=108.76
- ▶ F097418.dat
- ▶ query=q1855_p1
- ▶ precursor=512.710470
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1280.263	1272.263	0.504	1271.749	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.228	G[23]
K[3]	187.611	1187.231	1179.221	1179.725	1178.717	K[22]
G[4]	238.322	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	280.159	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	308.680	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	337.191	981.103	973.094	973.598	972.590	G[18]
K[8]	401.238	952.592	944.583	945.087	944.079	K[17]
G[9]	429.749	888.545	880.536	881.040	880.032	G[16]
L[10]	486.291	860.036	852.027	853.529	852.521	L[15]
G[11]	514.802	803.482	795.483	795.987	794.979	G[14]
K[12]	578.849	774.982	766.972	767.476	766.468	K[13]
G[13]	607.360	710.934	702.925	703.429	702.421	G[12]
G[14]	635.871	682.423	674.414	674.918	673.910	G[11]
A[15]	671.389	653.914	645.903	646.407	645.399	A[10]
K[16]	735.437	618.394	610.385	610.889	609.881	K[9]
R[17]	813.487	554.347	546.337	546.841	545.833	R[8]
H[18]	882.017	476.296	468.287	468.791	467.783	H[7]
R[19]	974.083	407.767	399.757	400.261	399.253	R[6]
K[20]	1038.130	315.700	307.691	308.195	307.187	K[5]
V[21]	1087.665	252.683	244.673	245.177	244.169	V[4]
L[22]	1144.207	202.119	194.109	194.613	193.605	L[3]
R[23]	1222.257	148.577	137.567	138.071	137.063	R[2]
D[24]	1279.771	87.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHR^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=108.76
- ▶ F097418.dat
- ▶ query=q1855.p1
- ▶ precursor=512.710470
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505		0.672	848.169 S[24]
G[2]	58.704	310.830	905.490		0.672	805.154 G[23]
R[3]	125.410	791.821	786.483	786.819		786.147 R[22]
G[4]	144.417	735.117	725.778	730.114		729.442 G[21]
K[5]	187.115	716.110	710.770	711.106		710.435 K[20]
G[6]	206.122	673.412	668.072	668.408	667.736	G[19]
G[7]	225.130	654.405	649.065	649.401	648.729	G[18]
K[8]	267.828	635.397	630.058	630.394	629.722	K[17]
G[9]	286.835	592.695	587.360	587.695		587.024 G[16]
L[10]	324.330	573.692	568.352	568.688		568.016 L[15]
G[11]	343.337	535.957	530.657	530.994	530.327	G[14]
K[12]	386.235	516.960	511.651	511.986		511.315 K[13]
G[13]	405.242	474.292	468.952	469.288	468.616	G[12]
G[14]	424.249	455.285	449.945	450.281	449.609	G[11]
A[15]	447.959	436.277	430.938	431.274	430.602	A[10]
K[16]	490.627	412.598	407.259	407.595	406.923	K[9]
R[17]	542.661	369.900	364.561	364.896	364.225	R[8]
H[18]	588.347	317.866	312.527	312.863	312.191	H[7]
R[19]	649.724	272.180	266.841	267.176	266.505	R[6]
K[20]	692.423	210.803	205.463	205.799	205.127	K[5]
V[21]	725.445	168.104	162.765	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

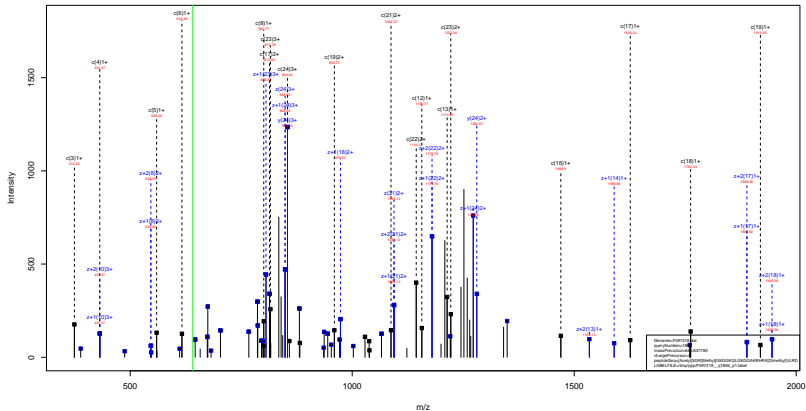
[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHR^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=108.76
- ▶ F097418.dat
- ▶ query=q1855_p1
- ▶ precursor=512.710470
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	640.635	636.630	0.755	636.378	S[24]
G[2]	51.780	608.374	604.370	0.755	604.118	G[23]
R[3]	94.309	594.110	590.114	590.366	589.862	R[22]
G[4]	108.564	551.590	547.585	547.837	547.333	G[21]
K[5]	140.588	537.334	533.330	533.582	533.078	K[20]
G[6]	154.844	505.311	501.306	501.558	501.054	G[19]
G[7]	169.099	491.055	487.051	487.303	486.799	G[18]
K[8]	201.123	476.800	472.795	473.047	472.543	K[17]
G[9]	215.378	454.776	449.771	449.923	449.520	G[16]
L[10]	253.049	430.521	426.516	426.768	426.264	L[15]
G[11]	257.904	402.250	398.245	398.497	397.993	G[14]
K[12]	289.028	387.994	383.989	384.242	383.738	K[13]
G[13]	304.184	355.971	351.966	352.218	351.714	G[12]
G[14]	318.439	341.715	337.711	337.963	337.459	G[11]
A[15]	336.198	327.460	323.455	323.707	323.203	A[10]
K[16]	368.222	309.701	305.696	305.948	305.444	K[9]
R[17]	407.247	-177.877	273.672	273.924	273.420	R[8]
H[18]	441.512	238.652	234.647	234.899	234.395	H[7]
R[19]	487.545	204.397	200.392	200.644	200.140	R[6]
K[20]	511.569	158.354	154.349	154.601	154.097	K[5]
V[21]	544.336	126.330	122.325	122.577	122.073	V[4]
L[22]	572.607	101.563	97.558	97.810	97.306	L[3]
R[23]	611.632	73.292	69.287	69.539	69.035	R[2]
D[24]	640.389	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} 14.02 GKGKGLGKGGAKRHRK^{Dimethyl} VLRD 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=105.94
- ▶ F097418.dat
- ▶ query=q1856_p1
- ▶ precursor=640.637780
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2509.518	2543.499	0.000	2542.491	S[24]
G	2	204.098	2430.475	2414.457	0.000	2413.449	G[23]
R	3	374.215	2373.494	2367.435	2358.443	2366.427	R[22]
G	4	431.236	2203.537	2187.333	2188.326	2186.311	G[21]
K	5	559.331	2146.316	2130.297	2131.305	2129.289	K[20]
G	6	616.353	2018.221	2002.200	2003.210	2001.194	G[19]
G	7	673.374	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	801.469	1904.178	1889.159	1889.167	1887.151	K[17]
G	9	858.490	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	915.514	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1028.596	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1156.691	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1213.712	1420.861	1404.840	1405.850	1403.834	G[12]
G	14	1270.734	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1341.771	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1409.866	1238.781	1219.762	1220.770	1218.754	R[9]
R	17	1625.967	1107.680	1091.667	1092.675	1090.659	R[8]
H	18	1763.026	951.585	935.566	936.574	934.558	H[7]
R	19	1919.127	814.526	798.507	799.515	797.499	R[6]
K	20	2075.253	658.425	642.406	643.414	641.398	K[5]
V	21	2174.322	502.298	486.280	487.287	485.272	V[4]
L	22	2287.406	403.230	387.211	388.219	386.203	L[3]
R	23	2443.507	290.146	274.127	275.135	273.119	R[2]
D	24	2598.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=105.94
- ▶ F097418.dat
- ▶ query=q1856_p1
- ▶ precursor=640.637780
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1280.263	1272.253	0.504	1271.740	S[24]
G	2	102.553	1215.741	1207.732	0.504	1207.228	G[23]
R	3	187.611	1187.231	1179.221	1179.725	1178.717	R[22]
G	4	238.122	1102.172	1094.163	1094.667	1093.559	G[21]
K	5	290.159	1073.661	1065.652	1066.156	1065.148	K[20]
G	6	308.680	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	357.191	981.103	973.094	973.598	972.590	G[18]
K	8	401.210	952.592	944.583	945.087	944.079	K[17]
G	9	429.749	898.545	880.536	881.040	880.032	G[16]
L	10	489.293	860.036	852.027	852.529	851.521	L[15]
G	11	514.802	803.492	795.483	795.987	794.979	G[14]
K	12	578.849	774.982	766.972	767.476	766.468	K[13]
G	13	607.390	710.934	702.925	703.429	702.421	G[12]
G	14	635.971	682.423	674.414	674.918	673.910	G[11]
A	15	691.389	653.913	645.903	646.407	645.399	A[10]
R	16	736.437	618.394	610.385	610.889	609.881	R[9]
R	17	813.487	554.347	546.337	546.841	545.833	R[8]
H	18	882.017	476.290	468.281	468.781	467.783	H[7]
R	19	960.067	407.767	399.757	400.261	399.253	R[6]
K	20	1038.130	329.716	321.707	322.211	321.203	K[5]
V	21	1087.665	251.663	243.653	244.157	243.149	V[4]
L	22	1144.207	202.119	194.109	194.613	193.605	L[3]
R	23	1222.257	145.577	137.567	138.071	137.063	R[2]
D	24	1279.771	87.526	89.517	90.021	89.013	D[1]

sp | P62806 | H4_MOUSE

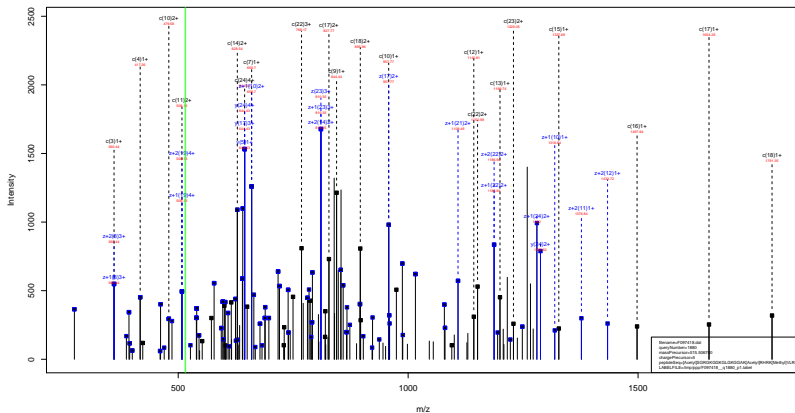
[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=105.94
- ▶ F097418.dat
- ▶ query=q1856.p1
- ▶ precursor=640.637780
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.169	S[24]
G[2]	58.704	310.830	905.490	0.672	805.154	G[23]
R[3]	125.410	791.821	786.483	786.819	786.147	R[22]
G[4]	144.417	735.117	729.778	730.114	729.442	G[21]
K[5]	187.115	716.110	710.770	711.106	710.435	K[20]
G[6]	206.122	673.412	668.072	668.408	667.736	G[19]
G[7]	225.130	654.405	649.065	649.401	648.729	G[18]
K[8]	267.828	635.397	630.058	630.394	629.722	K[17]
G[9]	286.835	592.699	587.360	587.696	587.024	G[16]
L[10]	324.530	574.692	568.352	568.688	568.016	L[15]
G[11]	343.537	538.997	530.658	530.994	530.322	G[14]
K[12]	386.235	516.990	511.651	511.986	511.315	K[13]
G[13]	405.242	474.292	468.952	469.288	468.616	G[12]
G[14]	424.249	455.285	449.945	450.281	449.609	G[11]
A[15]	447.959	436.277	430.938	431.274	430.602	A[10]
K[16]	490.627	412.598	407.259	407.595	406.923	K[9]
R[17]	542.661	369.900	364.561	364.896	364.225	R[8]
H[18]	588.347	317.866	312.527	312.863	312.191	H[7]
R[19]	640.381	272.180	266.841	267.176	266.505	R[6]
K[20]	692.423	220.140	214.807	215.143	214.471	K[5]
V[21]	725.445	168.104	162.765	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Methyl 14.02 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLRD^{14.02}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=112.71
- ▶ F097418.dat
- ▶ query=q1880_p1
- ▶ precursor=515.506740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2573.497	2557.478	0.000	2556.471	S[24]
G[2]	204.098	2444.455	2428.438	0.000	2427.429	G[23]
R[3]	350.199	2387.433	2371.414	2472.432	2370.407	R[22]
G[4]	417.230	2213.332	2215.313	2216.321	2214.309	G[21]
K[5]	545.315	2174.310	2158.292	2159.300	2157.284	K[20]
G[6]	602.337	2046.216	2030.197	2031.205	2029.189	G[19]
G[7]	659.358	1989.194	1973.175	1974.183	1972.168	G[18]
K[8]	787.453	1932.173	1916.154	1917.162	1915.146	K[17]
G[9]	844.475	1894.078	1788.059	1789.067	1787.051	G[16]
L[10]	927.559	1747.056	1731.037	1732.045	1730.030	L[15]
G[11]	1014.580	1633.972	1617.953	1618.961	1616.946	G[14]
K[12]	1142.675	1576.951	1560.932	1561.940	1559.924	K[13]
G[13]	1199.697	1446.926	1430.907	1433.845	1431.829	G[12]
G[14]	1256.718	1391.834	1375.815	1376.823	1374.808	G[11]
A[15]	1327.756	1334.812	1318.794	1319.802	1317.786	A[10]
R[16]	1459.861	1283.776	1247.757	1248.765	1246.749	R[9]
R[17]	1653.962	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1791.021	937.569	921.550	922.558	920.542	H[7]
R[19]	1947.122	800.510	784.491	785.499	783.484	R[6]
K[20]	2089.233	644.409	628.390	629.398	627.382	K[5]
V[21]	2188.301	502.298	486.280	487.287	485.272	V[4]
L[22]	2301.388	403.230	387.211	388.219	386.203	L[3]
R[23]	2457.488	290.146	274.127	275.135	273.119	R[2]
D[24]	2572.513	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=112.71
- ▶ F097418.dat
- ▶ query=q1880_p1
- ▶ precursor=515.506740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1287.252	1279.243	0.504	1278.739	S[24]
G[2]	102.553	1222.731	1214.722	0.504	1214.218	G[23]
R[3]	180.603	1194.220	1186.211	1186.715	1185.707	R[22]
G[4]	259.114	1158.170	1108.160	1108.664	1107.656	G[21]
K[5]	274.151	1087.659	1079.650	1080.153	1079.146	K[20]
G[6]	301.672	1023.611	1015.602	1016.106	1015.098	G[19]
G[7]	330.183	995.101	987.091	987.595	986.587	G[18]
K[8]	394.230	956.590	958.581	959.084	958.077	K[17]
G[9]	422.741	902.542	894.533	895.037	894.030	G[16]
L[10]	479.293	874.032	866.022	866.526	865.518	L[15]
G[11]	507.794	817.490	809.480	809.984	808.976	G[14]
K[12]	571.841	788.979	780.970	781.474	780.466	K[13]
G[13]	600.352	724.931	716.922	717.426	716.418	G[12]
G[14]	628.863	696.421	688.411	688.915	687.907	G[11]
A[15]	664.391	667.910	659.901	660.905	659.897	A[10]
R[16]	749.434	612.351	624.302	624.806	623.878	R[9]
R[17]	827.485	547.339	539.329	539.833	538.825	R[8]
H[18]	896.014	469.288	461.279	461.783	460.775	H[7]
R[19]	974.065	400.759	392.749	393.253	392.245	R[6]
K[20]	1042.129	322.706	314.699	315.203	314.195	K[5]
V[21]	1094.654	258.683	249.673	249.177	248.169	V[4]
L[22]	1151.196	202.119	194.109	194.613	193.605	L[3]
R[23]	1229.247	145.577	137.567	138.071	137.063	R[2]
D[24]	1286.700	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLRD^{14.02}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=112.71
- ▶ F097418.dat
- ▶ query=q1880_p1
- ▶ precursor=515.506740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	858.504	853.164		0.672	852.828 S[24]
G[2]	58.704	315.490	810.150		0.672	809.814 G[23]
R[3]	150.738	796.481	791.143	791.479	790.807	R[22]
G[4]	139.745	784.449	739.109	739.445	738.773	G[21]
K[5]	182.443	725.442	720.102	720.438	719.766	K[20]
G[6]	201.450	682.743	677.404	677.740	677.068	G[19]
G[7]	220.458	663.736	658.397	658.733	658.061	G[18]
K[8]	263.156	644.729	639.389	639.725	639.054	K[17]
G[9]	282.163	602.031	596.691	597.027	596.355	G[16]
L[10]	319.958	931.024	577.664	578.020	577.348	L[15]
G[11]	338.965	545.329	539.989	540.325	539.653	G[14]
K[12]	381.563	526.322	520.987	521.318	520.646	K[13]
G[13]	400.570	483.623	478.284	478.620	477.948	G[12]
G[14]	419.578	464.616	459.277	459.613	458.941	G[11]
A[15]	443.257	445.609	440.270	440.605	439.934	A[10]
K[16]	469.958	421.930	416.590	416.926	416.255	K[9]
R[17]	551.992	365.228	359.889	360.225	359.553	R[8]
H[18]	597.678	313.195	307.855	308.191	307.519	H[7]
R[19]	649.712	297.508	292.169	292.505	291.833	R[6]
K[20]	697.082	215.475	210.137	210.471	209.799	K[5]
V[21]	730.105	168.104	162.765	163.101	162.429	V[4]
L[22]	767.800	135.082	129.742	130.078	129.406	L[3]
R[23]	819.834	97.387	92.047	92.383	91.711	R[2]
D[24]	858.176	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Methyl}VLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=112.71
- ▶ F097418.dat
- ▶ query=q1880_p1
- ▶ precursor=515.506740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	644.130	640.125	0.755	639.073	S[24]
G[2]	51.780	611.869	607.864	0.755	607.612	G[23]
R[3]	90.805	597.614	593.609	591.861	593.357	R[22]
G[4]	105.061	558.588	554.584	554.836	554.332	G[21]
K[5]	137.084	544.333	540.328	540.580	540.076	K[20]
G[6]	151.340	512.309	508.305	508.557	508.053	G[19]
G[7]	165.595	498.054	494.049	494.301	493.797	G[18]
K[8]	197.619	483.799	479.794	480.046	479.542	K[17]
G[9]	211.874	469.544	465.539	465.792	465.288	G[16]
L[10]	280.148	437.520	433.515	433.767	433.263	L[15]
G[11]	294.403	409.245	405.241	405.496	404.992	G[14]
K[12]	286.424	394.993	390.988	391.240	390.736	K[13]
G[13]	300.680	362.969	358.965	359.217	358.713	G[12]
G[14]	314.935	348.714	344.709	344.961	344.457	G[11]
A[15]	332.694	334.459	330.454	330.706	330.202	A[10]
K[16]	375.221	316.699	312.695	312.947	312.443	K[9]
R[17]	414.246	274.173	270.168	270.420	269.916	R[8]
H[18]	448.511	235.146	231.141	231.393	230.891	H[7]
R[19]	487.536	200.883	196.878	197.130	196.626	R[6]
K[20]	523.064	161.858	157.853	158.105	157.601	K[5]
V[21]	547.831	126.330	122.325	122.577	122.073	V[4]
L[22]	576.102	101.563	97.558	97.810	97.306	L[3]
R[23]	615.127	73.292	69.287	69.539	69.035	R[2]
D[24]	643.884	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^(Dimethyl)_(28.03) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.22
- ▶ F097418.dat
- ▶ query=q1907_p1
- ▶ precursor=867.852510
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2601.526	2585.510	0.000	2584.502	S[24]
G	2	204.098	2472.485	2456.467	0.000	2455.459	G[23]
R	3	374.215	2415.464	2399.446	2400.453	2398.438	R[22]
G	4	431.236	2345.348	2329.330	2330.337	2328.321	G[21]
K	5	559.331	2188.526	2173.507	2173.515	2171.500	K[20]
G	6	616.353	2090.291	2044.212	2045.220	2043.205	G[19]
G	7	673.374	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	801.469	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	858.490	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	973.574	1781.072	1745.053	1746.061	1744.045	L[15]
K	11	1028.596	1647.985	1631.969	1632.977	1630.961	K[14]
R	12	1156.691	1590.966	1574.948	1575.955	1573.940	R[13]
G	13	1213.712	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1270.734	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1341.771	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1511.876	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1667.978	1197.686	1091.667	1092.675	1090.659	R[8]
H	18	1805.037	951.585	635.566	916.574	934.558	H[7]
R	19	1961.138	814.526	798.507	799.515	797.499	R[6]
R	20	2117.204	658.425	642.406	643.414	641.399	R[5]
V	21	2216.332	502.298	486.280	487.287	485.272	V[4]
L	22	2429.416	403.230	387.211	388.219	386.203	L[3]
D	23	2469.517	299.146	274.127	275.135	273.119	D[2]
D	24	2600.544	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

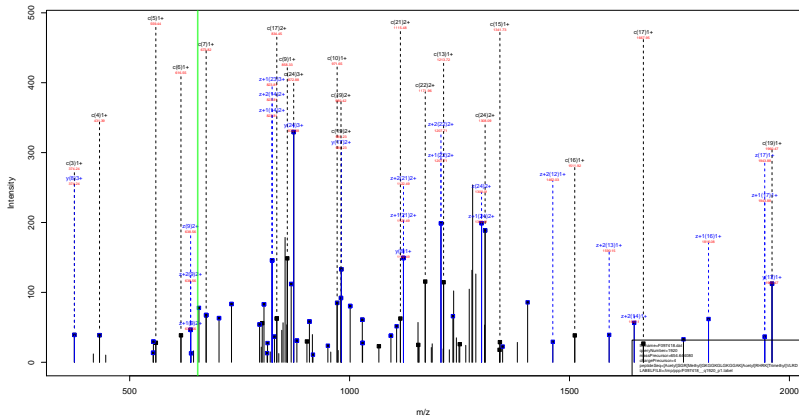
[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.22
- ▶ F097418.dat
- ▶ query=q1907_p1
- ▶ precursor=867.852510
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1301.268	1291.258	0.504	1292.755	S[24]
G[2]	102.553	1236.747	1228.737	0.504	1228.233	G[23]
R[3]	187.611	1208.236	1200.226	1200.730	1199.721	R[22]
G[4]	238.322	1123.177	1115.168	1115.972	1114.666	G[21]
K[5]	290.159	1094.667	1086.657	1087.161	1086.151	K[20]
G[6]	308.680	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	337.191	1002.108	994.099	994.603	993.595	G[18]
K[8]	401.218	973.590	965.588	966.092	965.084	K[17]
G[9]	429.749	950.550	941.541	942.045	941.037	G[16]
L[10]	489.293	893.040	873.030	873.534	872.526	L[15]
G[11]	514.802	824.468	816.458	816.962	815.954	G[14]
K[12]	578.849	795.987	787.977	788.481	787.474	K[13]
G[13]	607.360	731.939	723.930	724.434	723.426	G[12]
G[14]	635.871	703.429	695.419	695.923	694.915	G[11]
A[15]	671.389	674.918	665.908	667.412	666.404	A[10]
R[16]	736.442	639.399	631.390	631.894	630.886	R[9]
R[17]	834.492	554.347	546.337	546.841	545.831	R[8]
H[18]	963.022	476.290	468.280	468.781	467.783	H[7]
R[19]	981.072	407.767	399.757	400.261	399.253	R[6]
K[20]	1059.126	329.716	321.707	322.211	321.203	K[5]
V[21]	1108.670	251.653	243.643	244.147	243.140	V[4]
L[22]	1165.212	202.119	194.109	194.613	193.605	L[3]
R[23]	1243.262	145.577	137.567	138.071	137.063	R[2]
D[24]	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} 14.02 GKGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRD 42.05



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=101.54
- ▶ F097418.dat
- ▶ query=q1920_p1
- ▶ precursor=654.644080
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.070	2615.544	2599.526	0.000	2599.518	S[24]
G[2]	204.008	2436.501	2470.483	0.000	2469.475	G[23]
R[3]	374.215	2420.480	2413.461	2414.469	2412.451	R[22]
G[4]	431.236	2259.363	2243.363	2244.352	2242.331	G[21]
K[5]	559.311	2002.342	2186.323	2187.331	2185.315	K[20]
G[6]	616.353	2074.247	2058.228	2059.236	2057.220	G[19]
G[7]	673.374	2017.225	2001.207	2002.214	2000.199	G[18]
K[8]	801.469	1960.204	1944.185	1945.193	1943.177	K[17]
G[9]	858.490	1832.109	1816.090	1817.098	1815.082	G[16]
L[10]	915.514	1775.087	1759.069	1760.077	1758.061	L[15]
G[11]	1028.596	1662.003	1645.985	1646.993	1644.977	G[14]
K[12]	1156.691	1604.982	1588.963	1589.971	1587.955	K[13]
G[13]	1213.712	1476.867	1460.860	1461.876	1459.860	G[12]
G[14]	1270.734	1419.866	1403.847	1404.855	1402.839	G[11]
A[15]	1341.771	1362.844	1346.825	1347.833	1345.817	A[10]
R[16]	1511.876	1291.807	1275.788	1276.796	1274.780	R[9]
R[17]	1667.978	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1805.037	965.600	949.582	950.589	948.574	H[7]
R[19]	1961.138	828.541	812.523	813.530	811.513	R[6]
K[20]	2131.260	672.440	656.422	657.429	655.414	K[5]
V[21]	2230.348	502.290	486.269	487.267	485.277	V[4]
L[22]	2343.432	403.230	387.211	388.219	386.203	L[3]
R[23]	2490.513	290.146	274.127	275.135	273.119	R[2]
D[24]	2614.560	134.045	118.020	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=101.54
- ▶ F097418.dat
- ▶ query=q1920_p1
- ▶ precursor=654.644080
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1308.276	1300.266	0.504	1299.762	S[24]
G[2]	102.553	1243.754	1235.745	0.504	1235.241	G[23]
R[3]	187.611	1215.244	1207.234	1207.738	1206.730	R[22]
G[4]	238.122	1130.105	1122.118	1122.680	1121.672	G[21]
K[5]	290.159	1101.675	1093.665	1094.169	1093.161	K[20]
G[6]	308.680	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	357.191	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	401.218	980.606	972.596	973.100	972.092	K[17]
G[9]	429.749	916.558	908.549	909.053	908.045	G[16]
L[10]	489.273	858.041	850.033	850.542	849.534	L[15]
G[11]	514.802	831.505	823.496	824.000	822.992	G[14]
K[12]	578.849	802.995	794.985	795.489	794.481	K[13]
G[13]	607.360	738.947	730.938	731.442	730.434	G[12]
G[14]	635.871	710.430	702.427	702.931	701.923	G[11]
A[15]	691.389	681.905	673.918	674.420	673.412	A[10]
R[16]	736.442	646.407	638.398	638.902	637.894	R[9]
R[17]	834.492	561.354	553.345	553.849	552.841	R[8]
H[18]	903.022	483.304	475.294	475.798	474.791	H[7]
R[19]	981.072	414.774	406.765	407.269	406.261	R[6]
K[20]	1066.143	336.724	328.714	329.218	328.211	K[5]
V[21]	1115.678	252.653	243.643	244.147	243.140	V[4]
L[22]	1172.220	202.119	194.109	194.613	193.605	L[3]
R[23]	1250.270	145.577	137.567	138.071	137.063	R[2]
D[24]	1307.784	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLRLD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=101.54
- ▶ F097418.dat
- ▶ query=q1920_p1
- ▶ precursor=654.644080
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	872.520	867.180	0.672	866.844	S[24]
G[2]	58.704	829.505	824.166	0.672	823.830	G[23]
R[3]	125.410	810.498	805.159	805.495	804.823	R[22]
G[4]	144.417	753.793	748.453	748.789	748.117	G[21]
K[5]	187.115	734.785	729.446	729.782	729.110	K[20]
G[6]	206.122	692.087	686.748	687.083	686.412	G[19]
G[7]	225.130	673.080	667.740	668.076	667.404	G[18]
K[8]	267.828	654.073	648.733	649.069	648.397	K[17]
G[9]	286.835	611.374	606.035	606.371	605.699	G[16]
L[10]	324.930	592.367	587.028	587.364	586.692	L[15]
G[11]	363.937	554.673	549.333	549.669	548.997	G[14]
K[12]	388.235	535.666	530.326	530.662	529.990	K[13]
G[13]	405.242	492.967	487.628	487.964	487.292	G[12]
G[14]	424.249	473.960	468.620	468.956	468.285	G[11]
A[15]	447.929	454.953	449.613	449.949	449.277	A[10]
K[16]	504.630	431.274	425.934	426.270	425.598	K[9]
R[17]	556.664	374.572	369.232	369.568	368.896	R[8]
H[18]	602.350	322.538	317.199	317.535	316.863	H[7]
R[19]	654.384	276.852	271.512	271.848	271.176	R[6]
K[20]	711.098	224.818	219.478	219.815	219.143	K[5]
V[21]	744.121	168.104	162.765	163.101	162.429	V[4]
L[22]	781.816	135.082	129.742	130.078	129.406	L[3]
R[23]	833.849	97.387	92.047	92.383	91.711	R[2]
D[24]	872.192	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.65
- ▶ F104891.dat
- ▶ query=q2742_p1
- ▶ precursor=512.709490
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	167.076	2559.518	2543.490	0.000	2542.491	S[24]
G[2]	224.598	2430.475	2414.457	0.000	2413.449	G[23]
H[3]	300.199	2373.454	2357.438	2356.443	2356.427	H[22]
G[4]	417.220	2217.353	2201.334	2202.342	2200.325	G[21]
K[5]	545.115	2160.331	2144.311	2145.320	2143.305	K[20]
G[6]	602.337	2032.238	2016.218	2017.225	2015.210	G[19]
G[7]	659.358	1975.215	1959.190	1960.204	1958.189	G[18]
K[8]	787.453	1918.193	1902.173	1903.182	1901.167	K[17]
G[9]	844.475	1790.090	1774.080	1775.087	1773.072	G[16]
L[10]	957.559	1733.071	1717.059	1718.066	1716.056	L[15]
G[11]	1014.580	1619.993	1603.974	1604.982	1602.968	G[14]
K[12]	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G[13]	1199.697	1434.878	1418.859	1419.866	1417.850	G[12]
G[14]	1256.718	1327.855	1301.830	1302.844	1300.828	G[11]
A[15]	1327.755	1200.833	1204.813	1305.823	1303.807	A[10]
K[16]	1403.860	1049.795	1233.773	1234.789	1232.773	K[9]
R[17]	1611.951	1121.791	1105.663	1106.691	1104.675	R[8]
H[18]	1749.010	905.600	949.582	950.589	948.574	H[7]
R[19]	1905.111	828.541	812.523	813.530	811.515	R[6]
K[20]	2075.253	672.440	656.422	657.429	655.414	K[5]
V[21]	2174.322	602.298	486.280	487.287	485.272	V[4]
L[22]	2287.406	461.236	387.211	388.219	386.203	L[3]
L[23]	2433.507	390.140	374.123	275.135	273.119	L[2]
D[24]	2558.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.65
- ▶ F104891.dat
- ▶ query=q2742_p1
- ▶ precursor=512.709490
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1080.263	1272.263	0.504	1271.740	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.228	G[23]
K[3]	180.603	1187.231	1179.221	1179.725	1178.717	K[22]
G[4]	259.114	1109.165	1101.171	1101.675	1100.666	G[21]
K[5]	273.163	1080.699	1072.660	1073.164	1072.156	K[20]
G[6]	301.672	1016.622	1008.612	1009.116	1008.108	G[19]
G[7]	330.183	988.111	980.102	980.606	979.599	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	895.553	887.543	888.047	887.040	G[16]
L[10]	479.283	867.042	859.033	859.537	858.529	L[15]
G[11]	507.794	810.500	802.491	802.995	801.987	G[14]
K[12]	571.841	781.989	773.980	774.484	773.476	K[13]
G[13]	600.352	717.043	709.032	710.436	709.429	G[12]
G[14]	628.863	699.431	681.422	681.926	680.918	G[11]
A[15]	664.381	669.926	651.911	653.315	652.307	A[10]
K[16]	728.429	625.402	617.392	617.896	616.889	K[9]
R[17]	806.479	561.354	553.345	553.849	552.841	R[8]
H[18]	875.009	483.304	475.294	475.798	474.791	H[7]
R[19]	963.059	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.130	336.724	328.714	329.218	328.211	K[5]
V[21]	1087.665	252.033	243.023	244.527	243.520	V[4]
L[22]	1144.207	202.119	194.109	194.613	193.605	L[3]
R[23]	1222.257	145.577	137.567	138.071	137.063	R[2]
D[24]	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.65
- ▶ F104891.dat
- ▶ query=q2742_p1
- ▶ precursor=512.709490
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.109	S[24]
G[2]	58.704	810.830	805.491	0.672	805.154	G[23]
R[3]	120.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.398	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	578.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.669	535.330	535.666	534.994	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	633.709	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	224.818	219.478	219.815	219.143	K[5]
V[21]	725.445	168.104	162.765	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

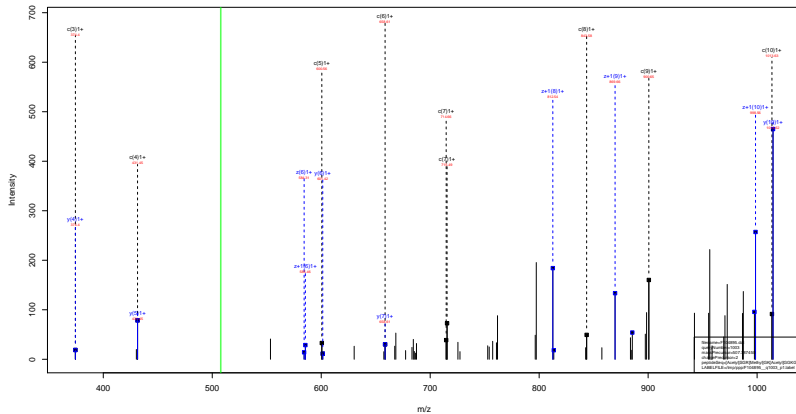
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=76.65
- ▶ F104891.dat
- ▶ query=q2742_p1
- ▶ precursor=512.709490
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	57.525	640.635	636.630	0.755	636.178	S[24]
G[2]	51.780	608.374	604.370	0.755	604.118	G[23]
R[3]	90.805	594.110	590.114	590.366	589.862	R[22]
G[4]	105.061	555.094	551.089	551.341	550.837	G[21]
K[5]	137.084	540.838	536.834	537.086	536.582	K[20]
G[6]	151.340	508.815	504.810	505.062	504.558	G[19]
G[7]	165.595	494.559	490.554	490.806	490.303	G[18]
K[8]	197.619	480.304	476.299	476.551	476.047	K[17]
G[9]	211.874	446.280	442.275	442.527	442.023	G[16]
L[10]	280.148	434.025	430.020	430.272	429.768	L[15]
G[11]	254.401	405.754	401.749	402.001	401.497	G[14]
K[12]	286.424	391.498	387.494	387.746	387.242	K[13]
G[13]	300.680	359.475	355.470	355.722	355.218	G[12]
G[14]	314.935	345.219	341.215	341.466	340.963	G[11]
A[15]	332.694	330.964	326.959	327.211	326.707	A[10]
K[16]	364.718	313.205	309.200	309.452	308.948	K[9]
R[17]	403.743	281.181	277.176	277.428	276.924	R[8]
H[18]	438.008	242.156	238.151	238.403	237.899	H[7]
R[19]	477.033	207.891	203.886	204.138	203.634	R[6]
K[20]	519.569	168.866	164.861	165.113	164.609	K[5]
V[21]	544.336	126.330	122.325	122.577	122.073	V[4]
L[22]	572.607	101.563	97.558	97.810	97.306	L[3]
R[23]	611.632	73.292	69.287	69.539	69.035	R[2]
D[24]	640.389	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} GK^{Acetyl} GGKGL
14.02 42.01



sp | P62806 | H4_MOUSE

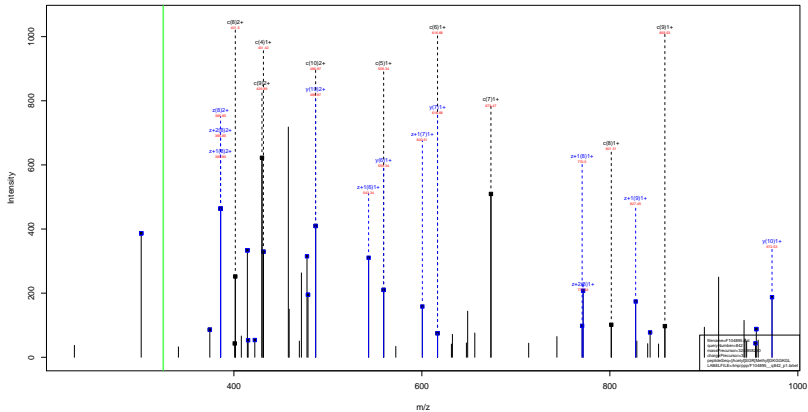
[Acetyl]SGR^{Methyl} 14.02 GK^{Acetyl} 42.01 GGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.40
- ▶ F104895.dat
- ▶ query=q1003_p1
- ▶ precursor=507.787450
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1014.569	998.550	0.000	997.543	S[10]
G[2]	204.088	885.526	869.508	0.000	868.500	G[9]
R[3]	374.215	828.505	812.486	813.494	811.478	R[8]
G[4]	431.236	658.388	642.370	643.377	641.362	G[7]
K[5]	601.342	601.367	585.348	586.356	584.340	K[6]
G[6]	658.363	431.261	415.243	416.250	414.239	G[5]
G[7]	715.385	374.240	358.221	359.229	357.213	G[4]
K[8]	843.460	317.213	301.200	302.207	300.192	K[3]
G[9]	900.501	189.123	173.105	174.112	172.097	G[2]
L[10]	1013.585	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} 14.02 GKGKGL



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.07
- ▶ F104895.dat
- ▶ query=q842_p1
- ▶ precursor=324.858250
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S[1]	147.076	972.559	956.540	0.000	955.532	S[10]	
G[2]	204.098	843.516	827.497	0.000	826.489	G[9]	
R[3]	374.215	786.494	770.476	771.484	769.468	R[8]	
Q[4]	431.236	616.378	600.359	601.367	599.351	Q[7]	
K[5]	559.331	559.356	543.337	544.345	542.330	K[6]	
G[6]	616.353	431.261	415.243	416.250	414.235	G[5]	
G[7]	673.374	374.240		358.221	359.229	357.213	G[4]
K[8]	801.469	317.218	301.200	302.207	300.192	K[3]	
G[9]	858.490	189.123	173.105	174.112	172.097	G[2]	
L[10]	974.574	132.102	116.083	117.091	115.075	L[1]	

sp | P62806 | H4_MOUSE

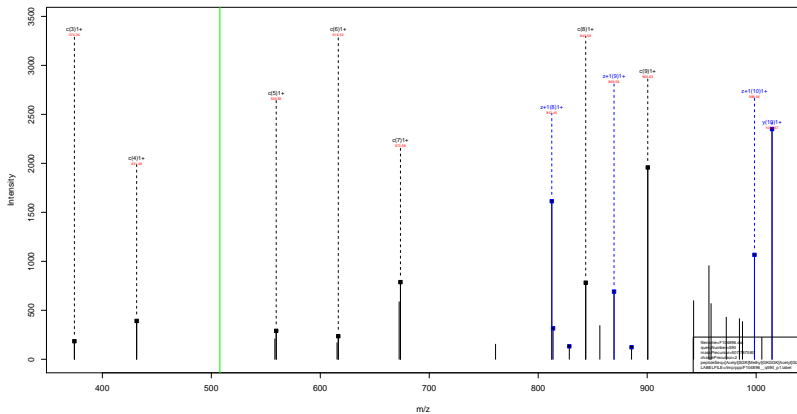
[Acetyl]SGR^{Methyl}_{14.02} GKGGKGL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.07
- ▶ F104895.dat
- ▶ query=q842-p1
- ▶ precursor=324.858250
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	486.783	478.774	0.504	478.270	S[10]
G[2]	102.553	422.262	414.252	0.504	413.748	G[9]
R[3]	187.611	393.751	385.742	386.245	385.238	R[8]
Q[4]	216.122	308.692	300.683	301.187	300.179	Q[7]
K[5]	280.169	280.182	272.172	272.676	271.668	K[6]
G[6]	308.680	216.134	208.125	208.629	207.621	G[5]
G[7]	337.191	187.624	179.614	180.118	179.110	G[4]
K[8]	481.238	139.114	131.103	131.607	130.600	K[3]
G[9]	429.749	95.965	87.956	87.960	86.952	G[2]
L[10]	486.291	66.555	58.545	59.049	58.041	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} 14.02 GKGGK^{Acetyl} 42.01 GL



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} 14.02 GKGGK^{Acetyl} 42.01 GL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.77
- ▶ F104896.dat
- ▶ query=q590_p1
- ▶ precursor=507.787580
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1014.569	958.550	0.000	997.543	S[10]
G[2]	204.098	885.526	869.508	0.000	868.500	G[9]
R[3]	374.215	628.505	812.486	813.494	811.478	R[8]
G[4]	431.236	658.388	642.370	643.377	641.362	G[7]
K[5]	559.331	601.367	585.348	586.356	584.340	K[6]
G[6]	616.353	473.272	457.253	458.261	456.245	G[5]
G[7]	673.374	416.250	400.232	401.239	399.224	G[4]
K[8]	843.480	399.129	383.210	384.218	382.202	K[3]
G[9]	900.501	389.123	373.105	374.112	372.097	G[2]
L[10]	1013.585	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLR_{42.05}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=119.32
- ▶ F104900.dat
- ▶ query=q1578_p1
- ▶ precursor=611.881670
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2444.491	2438.472	0.000	2427.464	S[23]
G[2]	204.098	2315.448	2299.430	0.000	2298.422	G[22]
R[3]	360.199	2258.427	2242.408	2243.416	2241.400	R[21]
G[4]	417.220	2102.326	2086.307	2087.315	2085.299	G[20]
K[5]	545.315	2046.304	2029.286	2030.293	2028.276	K[19]
G[6]	602.337	1917.299	1901.281	1902.288	1900.263	G[18]
G[7]	659.358	1860.188	1844.169	1845.177	1843.161	G[17]
K[8]	787.453	1803.168	1787.149	1788.156	1786.140	K[16]
G[9]	844.475	1675.071	1659.053	1660.061	1658.045	G[15]
L[10]	957.559	1618.050	1602.031	1603.039	1601.023	L[14]
G[11]	1014.580	1504.966	1488.947	1489.955	1487.939	G[13]
R[12]	1142.675	1447.844	1431.825	1432.834	1430.818	R[12]
G[13]	1199.697	1319.840	1303.831	1304.839	1302.823	G[11]
G[14]	1256.718	1262.828	1246.809	1247.817	1245.801	G[10]
A[15]	1327.755	1205.807	1189.788	1190.796	1188.780	A[9]
K[16]	1455.850	1134.769	1118.751	1119.759	1117.743	K[8]
R[17]	1611.951	1006.674	990.656	991.664	989.648	R[7]
R[18]	1749.010	890.573	874.555	875.562	873.547	R[6]
R[19]	1905.111	713.514	697.496	698.504	696.489	R[5]
K[20]	2075.253	557.413	541.395	542.402	540.387	K[4]
V[21]	2174.322	387.271	371.253	372.261	370.245	V[3]
L[22]	2287.406	288.203	272.184	273.192	271.176	L[2]
R[23]	2443.507	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLR
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=119.32
- ▶ F104900.dat
- ▶ query=q1578_p1
- ▶ precursor=611.881670
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1222.749	1214.740	0.504	1214.230	S 21
G 2	102.553	1150.228	1150.218	0.504	1149.715	G 22
R 3	180.603	1129.717	1121.708	1122.212	1121.204	R 21
G 4	209.114	1051.667	1043.657	1044.161	1043.153	G 20
K 5	273.161	1023.156	1015.145	1015.650	1014.643	K 19
G 6	301.672	959.109	951.100	951.603	950.595	G 18
G 7	330.183	930.598	922.588	923.092	922.084	G 17
K 8	394.230	902.087	894.077	894.581	893.574	K 16
G 9	422.741	838.039	830.030	830.534	829.526	G 15
L 10	479.283	809.529	801.519	802.023	801.015	L 14
G 11	507.794	754.067	744.977	745.481	744.473	G 13
K 12	571.844	724.870	716.466	716.970	715.963	K 12
G 13	600.352	660.428	652.419	652.923	651.915	G 11
G 14	638.863	631.918	623.908	624.412	623.404	G 10
A 15	664.371	603.407	595.398	595.901	594.894	A 9
K 16	728.420	567.888	559.879	560.383	559.375	K 8
R 17	699.478	503.841	495.832	496.335	495.328	R 7
H 18	875.809	425.790	417.781	418.285	417.277	H 6
R 19	953.059	357.261	349.252	349.755	348.748	R 5
K 20	1038.130	279.210	271.201	271.705	270.697	K 4
V 21	1087.665	194.139	186.130	186.634	185.626	V 3
L 22	1144.207	144.065	136.056	137.060	136.052	L 1
R 23	1222.257	98.051	90.044	90.548	89.540	R 1

sp | P62806 | H4_MOUSE

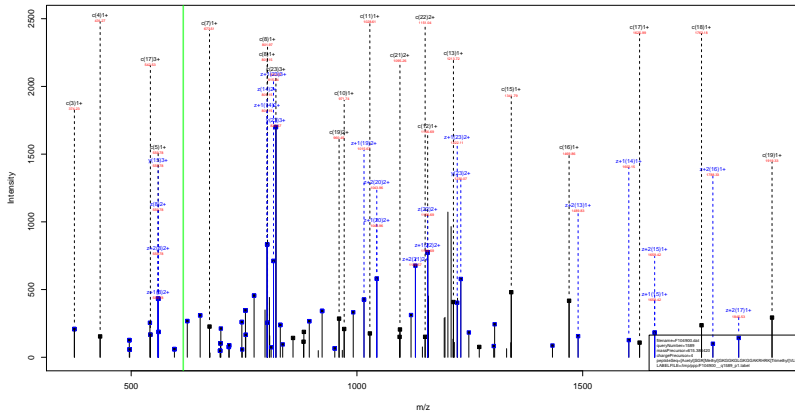
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLR_{42.05}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=119.32
- ▶ F104900.dat
- ▶ query=q1578_p1
- ▶ precursor=611.881670
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	815.502	810.162	0.672	809.826	S[23]
G[2]	68.704	772.488	767.148	0.677	766.812	G[22]
R[3]	120.738	753.480	748.141	743.477	747.805	R[21]
G[4]	159.745	701.447	696.107	695.443	695.771	G[20]
K[5]	182.443	682.440	677.100	677.436	676.764	K[19]
G[6]	201.450	639.741	634.402	634.738	634.066	G[18]
G[7]	220.458	620.734	615.395	615.731	615.059	G[17]
K[8]	263.156	601.727	596.387	596.723	596.051	K[16]
G[9]	282.163	559.029	553.689	554.025	553.353	G[15]
L[10]	319.858	540.022	534.682	535.018	534.346	L[14]
G[11]	338.865	502.327	496.987	497.323	496.651	G[13]
K[12]	381.563	483.320	477.980	478.316	477.644	K[12]
G[13]	400.570	440.621	435.282	435.618	434.946	G[11]
G[14]	419.578	421.614	416.275	416.611	415.939	G[10]
A[15]	443.257	402.607	397.267	397.603	396.932	A[9]
K[16]	485.955	378.928	373.588	373.924	373.252	K[8]
R[17]	537.989	336.230	330.890	331.226	330.554	R[7]
H[18]	583.675	284.196	278.856	279.192	278.520	H[6]
R[19]	635.709	238.510	233.170	233.506	232.834	R[5]
K[20]	692.423	186.476	181.136	181.472	180.800	K[4]
V[21]	726.445	159.762	154.422	154.758	154.086	V[3]
L[22]	763.140	96.739	91.400	91.736	91.064	L[2]
R[23]	815.174	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} 14.02 GKGKGLGKGGAKRHRK^{Trimethyl} VLR 42.05



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Trimethyl}_{42.05} VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=130.12
- ▶ F104900.dat
- ▶ query=q1589_p1
- ▶ precursor=615.386420
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2458.507	2442.480	0.000	2441.480	S[23]
G[2]	204.098	2329.464	2313.445	0.000	2312.437	G[22]
R[3]	374.215	2272.643	2256.424	2257.432	2255.416	R[21]
G[4]	431.236	2102.125	2086.307	2087.315	2085.299	G[20]
K[5]	559.331	2045.304	2029.285	2030.293	2028.276	K[19]
G[6]	614.353	1917.209	1901.191	1902.198	1900.181	G[18]
G[7]	713.374	1860.188	1844.169	1845.177	1843.161	G[17]
K[8]	801.469	1803.166	1787.148	1788.156	1786.140	K[16]
G[9]	858.490	1675.071	1659.053	1660.061	1658.045	G[15]
L[10]	971.574	1618.050	1602.031	1603.039	1601.023	L[14]
G[11]	1028.596	1524.960	1488.947	1489.955	1487.939	G[13]
R[12]	1158.691	1447.844	1431.826	1432.834	1430.810	R[12]
G[13]	1213.712	1319.849	1303.831	1304.839	1302.823	G[11]
G[14]	1270.734	1262.828	1246.809	1247.817	1245.801	G[10]
A[15]	1341.771	1205.807	1189.789	1190.796	1188.780	A[9]
K[16]	1469.866	1134.769	1118.751	1119.759	1117.743	K[8]
R[17]	1625.967	1030.674	995.658	991.664	989.648	R[7]
R[18]	1763.058	926.578	891.561	835.562	833.546	R[6]
R[19]	1919.127	713.514	697.496	698.504	696.488	R[5]
K[20]	2089.269	557.413	541.395	542.402	540.387	K[4]
V[21]	2188.337	407.271	371.253	372.261	370.245	V[3]
L[22]	2301.421	288.203	272.184	273.192	271.176	L[2]
R[23]	2497.523	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Trimethyl}_{42.05} VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=130.12
- ▶ F104900.dat
- ▶ query=q1589_p1
- ▶ precursor=615.386420
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1229.757	1221.748	0.904	1221.964	S(2)
G	2	102.553	1165.238	1157.226	0.904	1156.722	G(2)
R	3	187.611	1136.725	1126.716	1129.219	1128.212	R(2)
G	4	218.122	1051.667	1043.657	1044.161	1043.153	G(2)
K	5	280.169	1023.156	1015.146	1015.650	1014.643	K(2)
G	6	388.680	959.205	951.099	951.603	950.595	G(2)
G	7	337.191	0.93595	922.588	923.092	922.084	G(2)
K	8	401.238	902.087	894.077	894.581	893.574	K(2)
G	9	429.749	0.98039	830.030	830.534	829.526	G(2)
L	10	486.291	809.529	801.519	802.023	801.015	L(2)
G	11	514.802	752.987	744.977	745.481	744.473	G(2)
K	12	578.550	724.936	716.466	716.970	715.963	K(2)
G	13	607.360	660.425	652.419	652.923	651.915	G(2)
G	14	635.871	631.918	623.908	624.412	623.404	G(2)
A	15	671.389	603.407	595.398	595.901	594.894	A(2)
K	16	735.437	567.895	559.879	560.383	559.375	K(2)
R	17	813.487	503.841	495.832	496.335	495.328	R(2)
H	18	882.017	425.790	417.783	418.285	417.277	H(2)
R	19	900.067	357.261	349.252	349.755	348.748	R(2)
K	20	1045.138	279.210	271.203	271.705	270.697	K(2)
V	21	1094.672	194.139	186.130	186.634	185.626	V(2)
L	22	1151.214	144.605	136.595	137.098	136.090	L(2)
R	23	1229.265	98.053	89.044	89.546	79.538	R(2)

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Trimethyl}_{42.05} VLR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=130.12
- ▶ F104900.dat
- ▶ query=q1589_p1
- ▶ precursor=615.386420
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	820.174	814.834	0.672	814.498	S[2]
G	[2]	68.704	777.160	771.820	0.672	771.484	G[22]
R	[3]	125.410	758.152	752.813	753.149	752.477	R[21]
G	[4]	144.417	701.441	696.107	696.443	695.771	G[25]
K	[5]	187.115	682.440	677.100	677.236	676.764	K[19]
G	[6]	206.122	630.741	634.402	634.738	634.066	G[18]
G	[7]	225.130	620.734	615.395	615.731	615.059	G[17]
K	[8]	267.626	601.727	596.387	596.723	596.051	K[16]
G	[9]	286.635	559.029	553.689	554.025	553.353	G[15]
L	[10]	324.530	540.022	534.682	535.018	534.346	L[14]
G	[11]	343.537	502.327	496.987	497.323	496.651	G[13]
K	[12]	386.235	483.320	477.980	478.316	477.644	K[12]
G	[13]	405.242	440.621	435.282	435.618	434.946	G[11]
G	[14]	424.249	421.614	415.275	415.611	415.039	G[10]
A	[15]	447.929	402.607	397.257	397.593	396.922	A[9]
K	[16]	490.627	378.928	373.588	373.924	373.252	K[8]
R	[17]	542.661	336.230	330.890	331.226	330.554	R[7]
H	[18]	588.347	284.196	278.856	279.192	278.520	H[6]
R	[19]	640.361	238.510	233.170	233.506	232.834	R[5]
K	[20]	697.095	186.476	181.136	181.472	180.800	K[4]
V	[21]	730.117	129.762	124.422	124.758	124.086	V[9]
L	[22]	797.812	96.739	91.400	91.736	91.064	L[8]
R	[23]	819.846	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=94.51
- ▶ F104900.dat
- ▶ query=q1636_p1
- ▶ precursor=500.911550
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2500.517	2484.488	0.000	2483.491	S[23]
G[2]	304.098	2371.475	2355.456	0.000	2354.448	G[22]
R[3]	374.215	2314.453	2298.434	2299.442	2297.427	R[21]
G[4]	431.236	2144.338	2128.318	2129.325	2127.310	G[20]
K[5]	559.331	2087.315	2071.295	2072.304	2070.288	K[19]
G[6]	616.353	1959.220	1943.201	1944.209	1942.193	G[18]
G[7]	673.374	1902.198	1886.180	1887.188	1885.172	G[17]
K[8]	801.469	1845.177	1829.158	1830.166	1828.150	K[16]
G[9]	858.490	1737.082	1701.063	1702.071	1700.055	G[15]
L[10]	971.574	1660.061	1644.042	1645.050	1643.034	L[14]
G[11]	1028.596	1546.976	1530.958	1531.966	1529.950	G[13]
K[12]	1156.691	1489.955	1473.938	1474.944	1472.928	K[12]
G[13]	1233.712	1361.860	1345.841	1346.849	1344.833	G[11]
G[14]	1270.734	1304.839	1288.820	1289.828	1287.812	G[10]
A[15]	1341.771	1247.817	1231.798	1232.806	1230.791	A[9]
K[16]	1511.876	1176.780	1160.761	1161.769	1159.753	K[8]
R[17]	1667.978	1036.674	990.656	991.664	989.648	R[7]
T[18]	1829.937	850.573	834.555	835.562	833.547	T[6]
R[19]	1961.138	713.514	687.496	698.504	696.488	R[5]
K[20]	2131.280	557.413	541.395	542.402	540.387	K[4]
V[21]	2230.348	387.271	371.253	372.261	370.245	V[3]
L[22]	2343.432	288.203	272.184	273.192	271.176	L[2]
R[23]	2499.533	178.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=94.51
- ▶ F104900.dat
- ▶ query=q1636_p1
- ▶ precursor=500.911550
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.062	1250.762	1242.753	0.504	1242.249	S[2]
G[2]	102.563	1186.241	1178.232	0.504	1177.728	G[22]
R[3]	167.611	1157.730	1149.721	1150.225	1149.217	R[21]
G[4]	216.122	1072.672	1064.662	1065.166	1064.159	G[20]
K[5]	260.169	1044.161	1036.152	1036.656	1035.648	K[19]
G[6]	309.689	990.134	972.104	972.598	971.600	G[18]
G[7]	337.191	951.683	943.593	944.097	943.050	G[17]
K[8]	401.238	923.092	915.083	915.587	914.579	K[16]
G[9]	429.749	859.045	851.035	851.539	850.531	G[15]
L[10]	486.291	830.534	822.525	823.029	822.021	L[14]
G[11]	514.302	773.023	765.013	766.486	765.479	G[13]
R[12]	578.848	745.481	737.472	737.976	736.968	R[12]
G[13]	607.360	681.454	673.424	673.928	672.920	G[11]
G[14]	635.871	652.923	644.914	645.417	644.410	G[10]
A[15]	671.389	624.412	616.403	616.907	615.899	A[9]
K[16]	756.442	588.894	580.884	581.388	580.380	K[8]
R[17]	834.492	503.843	495.832	496.335	495.328	R[7]
R[18]	903.022	428.793	417.781	418.285	417.277	R[6]
R[19]	981.072	357.261	349.252	349.755	348.748	R[5]
K[20]	1066.143	279.210	271.201	271.705	270.697	K[4]
V[21]	1115.678	194.139	186.130	186.634	185.626	V[3]
L[22]	1172.220	144.605	136.596	137.100	136.092	L[2]
R[23]	1250.270	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=94.51
- ▶ F104900.dat
- ▶ query=q1636_p1
- ▶ precursor=500.911550
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	834.177	828.838	0.672	628.502	S[23]
G	[2]	68.704	791.163	785.823	0.672	785.488	G[22]
R	[3]	125.410	772.156	766.816	767.152	764.480	R[21]
G	[4]	144.617	715.450	710.111	710.447	709.775	G[20]
K	[5]	187.115	696.443	691.104	691.440	690.768	K[19]
G	[6]	206.122	653.745	648.405	648.741	648.069	G[18]
G	[7]	225.130	634.738	629.399	629.734	629.062	G[17]
K	[8]	267.620	615.731	610.391	610.727	610.055	K[16]
G	[9]	286.635	573.032	567.693	568.029	567.357	G[15]
L	[10]	324.530	554.025	548.685	549.021	548.350	L[14]
G	[11]	343.537	516.130	510.991	511.327	510.655	G[13]
K	[12]	386.235	497.323	491.984	492.320	491.648	K[12]
G	[13]	405.242	434.025	449.287	449.621	448.949	G[11]
G	[14]	424.249	435.618	430.279	430.614	429.942	G[10]
A	[15]	447.929	416.611	411.271	411.607	410.935	A[9]
K	[16]	504.630	392.932	387.592	387.928	387.256	K[8]
R	[17]	556.664	336.230	330.890	331.226	330.554	R[7]
H	[18]	602.350	284.196	278.856	279.192	278.520	H[6]
R	[19]	654.384	238.510	233.170	233.506	232.834	R[5]
K	[20]	711.098	186.476	181.136	181.472	180.800	K[4]
V	[21]	744.121	129.762	124.422	124.758	124.086	V[3]
L	[22]	783.810	96.739	91.400	91.736	91.064	L[2]
R	[23]	831.849	59.043	53.703	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

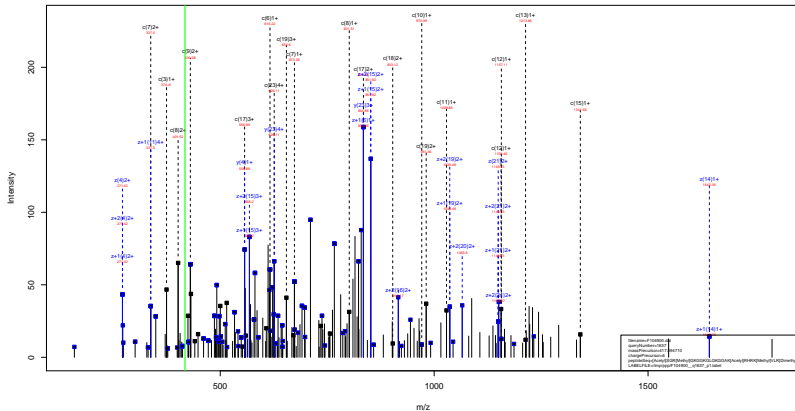
[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLR

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=94.51
- ▶ F104900.dat
- ▶ query=q1636_p1
- ▶ precursor=500.911550
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	37.525	625.885	621.880	0.755	621.628	S[23]
G	[2]	51.780	593.624	589.619	0.755	589.367	G[22]
R	[3]	94.309	579.369	575.364	575.616	575.112	R[21]
G	[4]	108.564	536.840	532.837	533.087	532.583	G[20]
K	[5]	140.588	522.584	518.579	518.831	518.328	K[19]
G	[6]	154.844	490.560	486.556	486.806	486.304	G[18]
G	[7]	169.099	476.305	472.300	472.552	472.048	G[17]
K	[8]	201.123	462.050	458.045	458.297	457.793	K[16]
G	[9]	215.378	430.026	426.021	426.273	425.769	G[15]
L	[10]	243.649	415.771	411.766	412.018	411.514	L[14]
G	[11]	257.904	387.500	383.495	383.747	383.243	G[13]
K	[12]	289.928	373.244	369.240	369.491	368.988	K[12]
G	[13]	304.184	341.220	337.215	337.466	336.964	G[11]
G	[14]	318.439	326.965	322.960	323.212	322.708	G[10]
A	[15]	336.198	312.710	308.705	308.957	308.453	A[9]
K	[16]	378.725	294.950	290.946	291.198	290.694	K[8]
R	[17]	417.750	252.424	248.419	248.671	248.167	R[7]
H	[18]	452.015	213.399	209.394	209.646	209.142	H[6]
R	[19]	491.040	179.134	175.129	175.381	174.877	R[5]
K	[20]	533.575	140.109	136.104	136.356	135.852	K[4]
V	[21]	558.342	97.573	93.569	93.821	93.317	V[3]
L	[22]	589.513	72.306	68.302	68.553	68.050	L[2]
R	[23]	625.639	44.535	40.531	40.782	40.279	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} 14.02 GKGKGLGKGGAK^{Acetyl} 42.01 RHRK^{Methyl} 14.02 VLR^{Dimethyl} 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLR^{Dimethyl}_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.83
- ▶ F104900.dat
- ▶ query=q1637_p1
- ▶ precursor=417.594710
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2500.517	2484.488	0.000	2483.491	S[23]
G[2]	204.098	2371.475	2355.456	0.000	2354.448	G[22]
R[3]	374.215	2314.653	2298.434	2299.442	2297.427	R[21]
G[4]	431.236	2144.335	2128.318	2129.325	2127.310	G[20]
K[5]	559.331	2087.315	2071.298	2072.304	2070.288	K[19]
G[6]	618.353	1939.220	1943.201	1944.209	1942.191	G[18]
G[7]	673.374	1902.198	1886.180	1887.188	1885.172	G[17]
K[8]	801.469	1846.177	1829.158	1830.166	1828.150	K[16]
G[9]	858.490	1717.082	1701.063	1702.071	1700.055	G[15]
L[10]	971.574	1660.061	1644.042	1645.050	1643.034	L[14]
G[11]	1028.596	1546.976	1530.958	1531.966	1529.950	G[13]
R[12]	1156.691	1409.856	1473.838	1474.844	1472.828	R[12]
G[13]	1213.712	1301.800	1345.841	1346.849	1344.833	G[11]
G[14]	1270.734	1304.839	1288.820	1289.828	1287.812	G[10]
A[15]	1341.771	1247.817	1231.799	1232.806	1230.791	A[9]
K[16]	1511.876	1176.780	1160.761	1161.769	1159.753	K[8]
R[17]	1667.078	1036.674	999.655	991.664	989.648	R[7]
R[18]	1805.037	890.573	834.555	835.563	833.547	R[6]
R[19]	1981.138	713.514	697.496	698.504	696.488	R[5]
K[20]	2103.248	557.413	541.395	542.402	540.387	K[4]
V[21]	2202.317	415.303	399.284	400.292	398.276	V[3]
L[22]	2315.401	316.234	300.216	301.223	299.208	L[2]
R[23]	2499.533	203.150	187.132	188.139	186.124	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLR^{Dimethyl}_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.83
- ▶ F104900.dat
- ▶ query=q1637_p1
- ▶ precursor=417.594710
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1250.762	1242.753	0.504	1242.249	S[23]
G[2]	102.553	1106.241	1178.232	0.504	1177.728	G[22]
R[3]	187.611	1157.730	1149.721	1150.225	1149.217	R[21]
G[4]	216.123	1072.672	1054.663	1065.166	1064.159	G[20]
K[5]	280.169	1044.161	1036.152	1036.656	1035.649	K[19]
G[6]	308.680	958.114	972.104	972.608	971.600	G[18]
G[7]	337.191	951.603	943.593	944.097	943.090	G[17]
K[8]	401.230	923.092	915.083	915.587	914.579	K[16]
G[9]	429.749	859.045	851.035	851.539	850.531	G[15]
L[10]	486.291	830.534	822.525	823.028	822.021	L[14]
G[11]	514.802	773.022	765.013	766.486	765.479	G[13]
R[12]	578.849	745.481	737.472	737.976	736.969	R[12]
G[13]	607.360	681.434	673.424	673.928	672.920	G[11]
G[14]	635.871	652.923	644.914	645.417	644.410	G[10]
A[15]	671.389	624.412	616.403	616.907	615.899	A[9]
K[16]	750.442	588.894	580.884	581.388	580.380	K[8]
R[17]	834.492	563.841	495.832	496.335	495.328	R[7]
R[18]	903.022	425.790	431.780	418.768	417.771	R[6]
R[19]	981.072	357.261	349.252	349.755	348.748	R[5]
K[20]	1052.138	279.210	271.201	271.705	270.697	K[4]
V[21]	1101.662	208.155	200.140	200.650	199.642	V[3]
L[22]	1158.204	156.621	150.611	151.115	150.108	L[2]
R[23]	1250.219	102.079	94.069	94.573	93.565	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLR^{Dimethyl}_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=68.83
- ▶ F104900.dat
- ▶ query=q1637_p1
- ▶ precursor=417.594710
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	834.177	828.838	0.672	828.902	S[23]
G	[2]	68.704	791.163	785.823	0.672	785.488	G[22]
R	[3]	125.410	772.196	766.816	767.152	766.480	R[21]
G	[4]	144.417	715.490	710.111	710.447	639.775	G[20]
K	[5]	187.115	696.443	691.104	691.440	690.768	K[19]
G	[6]	206.122	653.745	648.405	648.741	648.069	G[18]
G	[7]	225.130	634.738	629.398	629.734	629.062	G[17]
K	[8]	267.828	615.731	610.391	610.727	610.055	K[16]
G	[9]	286.835	573.032	567.693	568.029	567.357	G[15]
L	[10]	324.530	554.025	548.685	549.021	548.350	L[14]
G	[11]	343.537	516.330	510.991	511.327	510.655	G[13]
K	[12]	386.235	497.323	491.984	492.320	491.648	K[12]
G	[13]	405.242	454.525	449.255	449.591	448.949	G[11]
G	[14]	424.249	435.618	430.278	430.614	429.942	G[10]
A	[15]	447.929	416.611	411.271	411.607	410.935	A[9]
K	[16]	504.630	392.932	387.592	387.928	387.256	K[8]
R	[17]	556.664	336.230	330.890	331.226	330.554	R[7]
H	[18]	602.350	284.196	278.856	279.192	278.520	H[6]
R	[19]	654.384	238.510	233.170	233.506	232.834	R[5]
K	[20]	701.754	186.476	181.136	181.472	180.800	K[4]
V	[21]	734.777	139.106	133.766	134.102	133.430	V[3]
L	[22]	772.472	106.063	100.743	101.079	100.407	L[2]
K	[23]	811.949	88.388	83.040	83.385	82.713	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLR^{Dimethyl}_{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=68.83
- ▶ F104900.dat
- ▶ query=q1637_p1
- ▶ precursor=417.594710
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	37.525	625.885	621.880	0.755	621.628	S[23]
G	[2]	51.780	593.624	589.619	0.755	589.367	G[22]
R	[3]	84.309	579.368	575.363	513.614	576.112	R[21]
G	[4]	108.564	536.840	532.835	533.007	532.583	G[20]
K	[5]	140.588	522.584	518.579	518.831	518.320	K[19]
G	[6]	154.844	490.560	486.556	486.808	486.304	G[18]
G	[7]	169.099	476.305	472.300	472.552	472.048	G[17]
K	[8]	201.123	462.050	458.045	458.297	457.793	K[16]
G	[9]	215.378	430.026	426.021	426.273	425.769	G[15]
L	[10]	243.649	415.771	411.766	412.018	411.514	L[14]
G	[11]	257.904	387.500	383.495	383.747	383.243	G[13]
K	[12]	289.928	373.244	369.240	369.491	368.988	K[12]
G	[13]	304.184	341.220	337.216	337.468	336.964	G[11]
G	[14]	318.439	326.965	322.960	323.212	322.708	G[10]
A	[15]	336.198	312.710	308.705	308.957	308.453	A[9]
K	[16]	378.725	294.950	290.946	291.198	290.694	K[8]
R	[17]	417.750	252.424	248.419	248.671	248.167	R[7]
H	[18]	452.015	213.399	209.394	209.646	209.142	H[6]
R	[19]	491.040	179.134	175.129	175.381	174.877	R[5]
K	[20]	526.568	140.109	136.104	136.356	135.852	K[4]
V	[21]	551.335	104.581	100.576	100.828	100.325	V[3]
L	[22]	579.606	79.814	75.809	76.061	75.557	L[2]
R	[23]	625.639	51.543	47.538	47.790	47.286	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLR^{Dimethyl}_{28.03}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=68.83
- ▶ F104900.dat
- ▶ query=q1637_p1
- ▶ precursor=417.594710
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	30.221	500.909	497.706	0.806	497.504	S[23]
G	[2]	41.625	475.101	471.897	0.806	471.695	G[22]
R	[3]	75.640	433.095	460.493	460.694	460.291	R[21]
G	[4]	87.053	429.673	426.469	428.671	426.268	G[20]
K	[5]	112.072	418.265	415.057	415.267	414.053	K[19]
G	[6]	124.076	392.650	389.442	389.648	389.244	G[18]
G	[7]	135.481	381.240	378.042	378.243	377.840	G[17]
K	[8]	161.100	369.841	366.637	366.839	366.436	K[16]
G	[9]	172.504	344.222	341.019	341.220	340.817	G[15]
L	[10]	195.121	332.818	329.614	329.816	329.413	L[14]
G	[11]	206.525	310.201	306.997	307.199	306.796	G[13]
K	[12]	232.144	298.791	295.593	295.795	295.392	K[12]
G	[13]	253.548	273.178	269.974	270.176	269.773	G[11]
G	[14]	254.953	261.774	258.570	258.771	258.368	G[10]
A	[15]	299.160	250.369	247.165	247.367	246.964	A[9]
K	[16]	303.181	236.162	232.959	233.160	232.757	K[8]
R	[17]	334.401	202.141	198.937	199.139	198.735	R[7]
H	[18]	361.813	170.920	167.717	167.918	167.515	H[6]
R	[19]	393.033	143.509	140.305	140.507	140.103	R[5]
K	[20]	421.455	112.288	109.085	109.286	108.883	K[4]
V	[21]	441.269	83.866	80.663	80.864	80.461	V[3]
L	[22]	493.889	64.053	60.849	61.051	60.647	L[2]
R	[23]	500.712	41.430	38.227	38.428	38.024	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAK ^{Trimethyl}_{42.05} RHRK ^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=70.98
- ▶ F104900.dat
- ▶ query=q1651_p1
- ▶ precursor=838.843860
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2514.533	2498.514	0.000	2497.506	S[23]
G[2]	354.058	2385.490	2369.471	0.000	2368.464	G[22]
R[3]	360.199	2328.469	2312.450	2313.458	2311.442	R[21]
G[4]	417.220	2172.368	2156.349	2157.357	2155.341	G[20]
K[5]	543.315	2115.346	2099.327	2100.335	2098.320	K[19]
G[6]	602.137	1987.251	1971.232	1972.240	1970.225	G[18]
G[7]	659.358	1930.230	1914.211	1915.219	1913.203	G[17]
K[8]	829.464	1873.208	1857.190	1858.197	1856.182	K[16]
G[9]	886.485	1763.103	1687.084	1688.092	1686.076	G[15]
L[10]	999.569	1646.081	1630.063	1631.070	1629.055	L[14]
G[11]	1057.591	1532.997	1516.978	1517.986	1515.971	G[13]
R[12]	1184.686	1475.976	1459.957	1460.965	1458.949	R[12]
G[13]	1241.707	1347.881	1331.862	1332.870	1330.854	G[11]
G[14]	1298.729	1290.859	1274.841	1275.848	1273.833	G[10]
A[15]	1369.796	1233.838	1217.819	1218.827	1216.811	A[9]
K[16]	1539.908	1162.801	1146.782	1147.790	1145.774	K[8]
R[17]	1696.030	992.659	976.640	977.648	975.632	R[7]
T[18]	1833.086	836.598	820.579	821.587	819.571	T[6]
R[19]	1989.169	699.499	683.480	684.488	682.472	R[5]
K[20]	2145.295	543.398	527.379	528.387	526.371	K[4]
V[21]	2244.364	387.271	371.253	372.261	370.245	V[3]
L[22]	2357.448	288.203	272.184	273.192	271.176	L[2]
R[23]	2513.549	178.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK Acetyl
42.01 GLGKGGAK Trimethyl
42.05 RHRK Dimethyl
28.03 VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=70.98
- ▶ F104900.dat
- ▶ query=q1651_p1
- ▶ precursor=838.843860
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1257.776	1249.761	0.504	1249.257	S 21
G 2	102.553	1193.249	1185.239	0.504	1184.735	G 22
R 3	180.603	1164.738	1156.729	1157.233	1156.235	R 21
G 4	209.114	1038.687	1078.678	1079.182	1078.174	G 20
K 5	273.161	1038.177	1050.167	1050.671	1049.663	K 19
G 6	301.672	994.129	989.130	988.624	989.911	G 18
G 7	330.183	965.619	957.609	958.113	957.105	G 17
K 8	415.236	937.108	929.098	929.602	928.594	K 16
G 9	443.746	852.055	844.046	844.550	843.542	G 15
L 10	500.288	823.544	815.535	816.039	815.031	L 14
G 11	528.799	787.032	786.903	789.497	788.489	G 13
K 12	592.847	738.692	730.682	731.686	729.971	K 12
G 13	621.357	674.444	666.435	666.939	665.931	G 11
G 14	646.868	645.933	637.924	638.428	637.420	G 10
A 15	685.387	617.423	609.413	609.917	608.909	A 9
K 16	770.458	581.904	573.895	574.399	573.391	K 8
R 17	848.508	498.833	488.823	489.328	488.320	R 7
H 18	917.038	418.782	410.773	411.277	410.269	H 6
R 19	995.088	350.253	342.244	342.748	341.740	R 5
K 20	1073.151	272.202	264.193	264.697	263.689	K 4
V 21	1122.685	194.139	186.130	186.634	185.626	V 3
L 22	1179.227	144.665	136.656	137.160	136.152	L 1
R 23	1257.278	98.051	89.044	89.558	79.550	R 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 **GGAK** ^{Trimethyl}42.05 **RHRK** ^{Dimethyl}28.03 **VLR**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=100.07
- ▶ F104900.dat
- ▶ query=q1652_p1
- ▶ precursor=503.709430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2534.533	2498.514	0.000	2497.506	S[23]
G[2]	354.058	2385.490	2369.471	0.000	2368.464	G[22]
R[3]	360.199	2328.469	2312.450	2313.458	2311.442	R[21]
G[4]	417.220	2172.368	2156.349	2157.357	2155.341	G[20]
K[5]	545.315	2115.346	2099.327	2100.335	2098.320	K[19]
G[6]	603.337	1987.251	1971.232	1972.240	1970.225	G[18]
G[7]	659.358	1930.230	1914.211	1915.219	1913.203	G[17]
K[8]	787.453	1873.208	1857.189	1858.197	1856.182	K[16]
G[9]	844.475	1745.113	1729.095	1730.102	1728.087	G[15]
L[10]	957.559	1688.092	1672.073	1673.081	1671.065	L[14]
G[11]	1014.580	1575.008	1558.989	1559.997	1557.981	G[13]
R[12]	1184.686	1317.986	1301.968	1302.975	1300.960	R[12]
G[13]	1241.707	1247.881	1231.862	1232.870	1230.854	G[11]
G[14]	1298.729	1200.859	1274.841	1275.848	1273.833	G[10]
A[15]	1369.766	1233.838	1217.819	1218.827	1216.811	A[0]
K[16]	1539.908	1162.801	1146.782	1147.790	1145.774	K[8]
R[17]	1696.039	992.659	976.640	977.648	975.633	R[7]
T[18]	1833.086	836.508	820.539	821.547	819.531	T[6]
R[19]	1989.169	699.490	683.480	684.488	682.472	R[5]
K[20]	2145.295	543.398	527.379	528.387	526.371	K[4]
V[21]	2244.364	387.271	371.253	372.261	370.245	V[3]
L[22]	2357.448	288.203	272.184	273.192	271.176	L[2]
R[23]	2513.549	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} 42.01 **GGAK**^{Trimethyl} 42.05 **RHRK**^{Dimethyl} 28.03 **VLR**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=100.07
- ▶ F104900.dat
- ▶ query=q1652_p1
- ▶ precursor=503.709430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1257.770	1249.761	0.504	1249.257	S 21
G 2	102.553	1193.249	1185.239	0.504	1184.735	G 20
R 3	180.603	1164.738	1156.739	1157.233	1156.235	R 21
G 4	209.114	1038.687	1078.678	1079.182	1078.178	G 20
K 5	273.161	1058.177	1050.167	1050.671	1049.663	K 19
G 6	301.672	994.329	986.320	986.824	985.816	G 18
G 7	330.183	965.619	957.609	958.113	957.105	G 17
K 8	394.230	937.108	929.098	929.602	928.594	K 18
G 9	422.741	873.060	865.051	865.555	864.547	G 15
L 10	479.283	844.550	838.540	837.044	836.030	L 14
G 11	507.794	786.089	778.988	780.502	779.494	G 13
K 12	552.847	759.497	751.487	751.991	750.983	K 12
G 13	621.357	674.444	666.435	666.939	665.931	G 11
G 14	649.868	645.933	637.924	638.428	637.420	G 10
A 15	685.387	617.423	609.413	609.917	608.909	A 9
K 16	770.458	581.904	573.895	574.399	573.391	K 8
R 17	848.508	498.833	488.824	489.328	488.320	R 7
H 18	917.038	418.782	410.773	411.277	410.269	H 6
R 19	995.088	350.253	342.244	342.748	341.740	R 5
K 20	1073.151	272.202	264.193	264.697	263.689	K 4
V 21	1122.685	194.139	186.130	186.634	185.620	V 9
L 22	1179.227	144.665	136.656	137.160	136.150	L 8
R 23	1287.278	88.063	80.054	80.558	79.550	R 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} 42.01 **GGAK**^{Trimethyl} 42.05 **RHRK**^{Dimethyl} 28.03 **VLR**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=100.07
- ▶ F104900.dat
- ▶ query=q1652_p1
- ▶ precursor=503.709430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	838.849	833.510	0.672	833.174	S[2]
G	[2]	68.704	795.835	790.495		790.159	G[22]
R	[3]	120.730	776.828	771.488	771.824	771.152	R[21]
G	[4]	139.743	724.798	719.454	719.790	719.119	G[20]
K	[5]	182.443	705.787	700.447	700.783	700.111	K[19]
G	[6]	201.450	663.089	657.749	658.085	657.413	G[18]
G	[7]	220.458	644.081	638.742	639.078	638.406	G[17]
K	[8]	263.156	625.074	619.735	620.071	619.399	K[16]
G	[9]	282.163	582.576	577.036	577.372	576.700	G[15]
L	[10]	319.658	563.369	558.029	558.365	557.693	L[14]
G	[11]	338.665	525.674	520.335	520.670	519.999	G[13]
K	[12]	395.567	506.667	501.327	501.663	500.991	K[12]
G	[13]	414.574	449.965	444.626	444.961	444.290	G[11]
G	[14]	433.581	430.958	425.619	425.954	425.282	G[10]
A	[15]	457.260	411.951	406.611	406.947	406.275	A[9]
K	[16]	513.974	388.272	382.932	383.268	382.596	K[8]
R	[17]	566.008	351.558	326.218	326.554	325.882	R[7]
H	[18]	611.694	279.524	274.185	274.520	273.849	H[6]
R	[19]	663.728	233.838	228.498	228.834	228.162	R[5]
K	[20]	715.770	181.804	176.465	176.800	176.129	K[4]
V	[21]	748.793	129.762	124.422	124.758	124.086	V[3]
L	[22]	785.487	96.739	91.400	91.736	91.064	L[2]
R	[23]	838.521	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

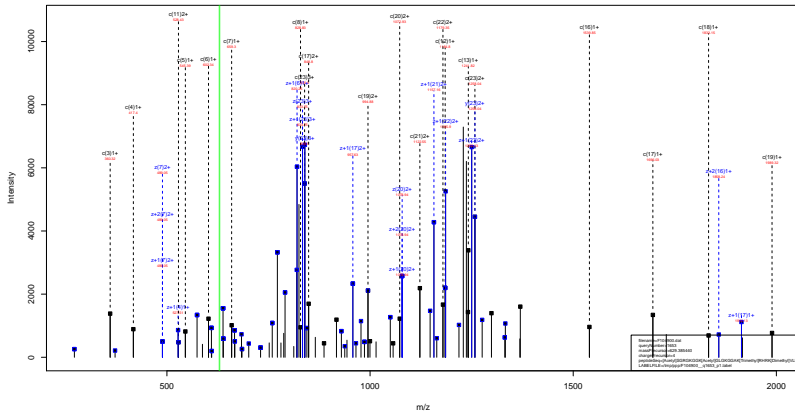
[Acetyl]SGRGKGGKGLGK^{Acetyl} 42.01 GGAK^{Trimethyl} 42.05 RHRK^{Dimethyl} 28.03 VLR

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=100.07
- ▶ F104900.dat
- ▶ query=q1652_p1
- ▶ precursor=503.709430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	37.525	629.389	625.384	0.755	625.132	S[23]
G	[2]	51.780	597.126	593.123	0.755	592.871	G[22]
R	[3]	60.806	732.373	578.868	579.120	578.616	R[21]
G	[4]	105.061	543.847	539.843	540.095	539.591	G[20]
K	[5]	137.084	529.592	525.587	525.839	525.335	K[19]
G	[6]	151.340	497.568	493.564	493.816	493.312	G[18]
G	[7]	165.595	483.313	479.308	479.560	479.056	G[17]
K	[8]	197.619	469.058	465.053	465.305	464.801	K[16]
G	[9]	211.874	437.034	433.029	433.281	432.777	G[15]
L	[10]	240.145	422.778	418.774	419.026	418.522	L[14]
G	[11]	254.401	394.507	390.503	390.755	390.251	G[13]
K	[12]	296.927	380.252	376.247	376.499	375.995	K[12]
G	[13]	311.182	337.726	333.722	333.974	333.469	G[11]
G	[14]	325.438	323.470	319.466	319.718	319.214	G[10]
A	[15]	343.197	309.215	305.210	305.462	304.958	A[9]
K	[16]	385.732	291.456	287.451	287.703	287.199	K[8]
R	[17]	424.758	248.920	244.915	245.167	244.664	R[7]
H	[18]	459.022	209.895	205.890	206.142	205.638	H[6]
R	[19]	498.048	175.630	171.625	171.877	171.374	R[5]
K	[20]	537.079	136.605	132.600	132.852	132.348	K[4]
V	[21]	561.846	97.573	93.568	93.821	93.317	V[3]
L	[22]	599.117	72.306	68.302	68.554	68.050	L[2]
R	[23]	629.143	44.535	40.531	40.782	40.279	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl} 42.01 GLGKGGAK ^{Trimethyl} 42.05 RHRK ^{Dimethyl} 28.03 VLR



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAK ^{Trimethyl}_{42.05} RHRK ^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=139.19
- ▶ F104900.dat
- ▶ query=q1653_p1
- ▶ precursor=629.385440
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2514.533	2498.514	0.000	2497.506	S(2)
G	2	204.098	2385.490	2369.471	0.000	2368.464	G(2)
R	3	360.199	2326.469	2312.450	2313.458	2311.442	R(2)
G	4	417.220	2172.368	2156.349	2157.357	2155.341	G(2)
K	5	545.315	2115.346	2099.327	2100.335	2098.320	K(2)
G	6	602.337	1997.251	1971.232	1972.240	1970.225	G(2)
G	7	659.358	1930.230	1914.211	1915.219	1913.203	G(2)
K	8	829.484	1873.208	1857.190	1858.197	1856.182	K(2)
G	9	886.485	1703.103	1687.084	1688.092	1686.076	G(2)
L	10	999.569	1646.081	1630.063	1631.070	1629.055	L(2)
G	11	1056.591	1532.997	1516.978	1517.986	1515.971	G(2)
R	12	1184.680	1475.876	1459.857	1460.865	1458.849	R(2)
G	13	1241.707	1347.881	1331.862	1332.870	1330.854	G(2)
G	14	1298.729	1290.859	1274.841	1275.848	1273.833	G(2)
A	15	1369.766	1233.838	1217.819	1218.827	1216.811	A(2)
K	16	1539.908	1162.801	1146.782	1147.790	1145.774	K(2)
R	17	1698.909	892.859	876.840	877.848	875.833	R(2)
R	18	1813.060	838.838	820.839	821.847	819.831	R(2)
R	19	1989.109	809.899	681.480	684.488	682.472	R(2)
K	20	2145.295	543.908	527.379	528.387	526.371	K(2)
V	21	2264.304	497.271	471.253	372.261	370.245	V(2)
L	22	2357.448	388.203	272.184	273.192	271.176	L(2)
R	23	2813.549	175.119	159.100	160.108	158.092	R(2)

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAK ^{Trimethyl}_{42.05} RHRK ^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=139.19
- ▶ F104900.dat
- ▶ query=q1653_p1
- ▶ precursor=629.385440
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1257.776	1249.761	0.904	1249.257	S 21
G 2	102.553	1191.249	1185.239	0.904	1184.735	G 20
R 3	180.603	1164.738	1156.729	1157.233	1156.225	R 21
G 4	209.114	1038.687	1078.678	1079.182	1078.174	G 20
K 5	273.161	1028.777	1050.167	1029.271	1049.063	K 19
G 6	301.672	994.129	995.120	986.624	985.515	G 18
G 7	330.183	965.619	957.609	958.113	957.105	G 17
K 8	415.236	937.108	929.098	929.602	928.594	K 16
G 9	443.746	852.055	844.046	844.550	843.542	G 15
L 10	500.298	823.544	815.535	816.039	815.031	L 14
G 11	528.799	787.062	758.993	759.497	758.489	G 13
K 12	597.847	738.662	730.482	730.986	729.978	K 12
G 13	621.357	674.444	666.435	666.939	665.931	G 11
G 14	646.868	645.933	637.924	638.428	637.420	G 10
A 15	685.387	617.423	609.413	609.917	608.909	A 9
K 16	770.458	581.904	573.895	574.399	573.391	K 8
R 17	848.508	498.833	488.824	489.328	488.320	R 7
H 18	917.038	418.782	410.773	411.277	410.269	H 6
R 19	995.088	350.253	342.244	342.748	341.740	R 5
K 20	1073.151	272.202	264.193	264.697	263.689	K 4
V 21	1122.685	194.139	186.130	186.634	185.626	V 3
L 22	1179.227	144.065	136.056	137.060	136.052	L 1
R 23	1257.278	88.051	80.042	80.546	79.538	R 1

sp | P62806 | H4_MOUSE

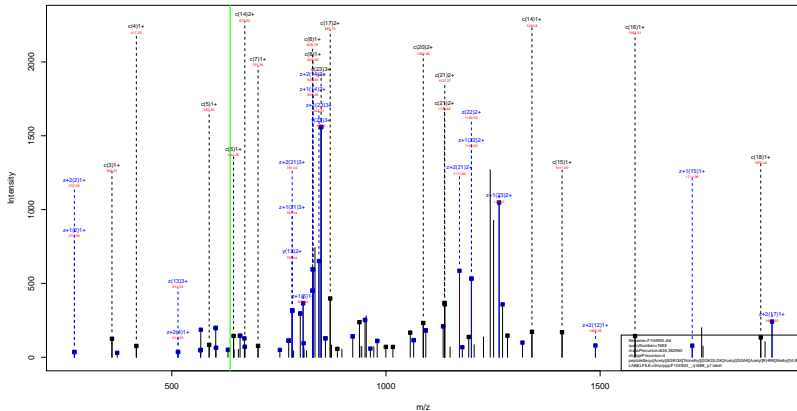
[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAK^{Trimethyl}_{42.05} RHRK^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=139.19
- ▶ F104900.dat
- ▶ query=q1653_p1
- ▶ precursor=629.385440
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	838.849	833.510	0.672	833.174	S[2]
G	[2]	68.704	795.835	790.495	0.672	790.159	G[2]
R	[3]	120.738	776.828	771.488	771.824	771.152	R[2]
G	[4]	139.743	724.798	719.457	719.790	719.119	G[25]
K	[5]	182.443	705.787	700.447	700.783	700.111	K[19]
G	[6]	201.450	663.089	657.749	658.085	657.413	G[18]
G	[7]	220.458	644.081	638.742	639.078	638.406	G[17]
K	[8]	277.159	625.074	619.735	620.071	619.399	K[16]
G	[9]	296.167	568.372	563.033	563.369	562.697	G[15]
L	[10]	333.661	549.365	544.026	544.362	543.690	L[14]
G	[11]	352.668	511.671	506.331	506.667	505.995	G[13]
K	[12]	395.567	492.663	487.324	487.660	486.988	K[12]
G	[13]	414.574	449.965	444.626	444.961	444.290	G[11]
G	[14]	433.581	430.958	425.619	425.954	425.282	G[10]
A	[15]	457.590	411.951	406.611	406.947	406.275	A[9]
K	[16]	513.974	388.272	382.932	383.268	382.596	K[8]
R	[17]	566.068	351.558	346.218	346.554	345.882	R[7]
H	[18]	611.694	279.524	274.185	274.520	273.849	H[6]
R	[19]	663.728	233.838	228.498	228.834	228.162	R[5]
K	[20]	715.770	181.804	176.465	176.800	176.129	K[4]
V	[21]	748.793	129.762	124.422	124.758	124.086	V[9]
L	[22]	785.807	96.739	91.400	91.736	91.064	L[2]
R	[23]	838.521	59.043	53.703	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Trimethyl}_{42.05} GGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLR



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK<sup>Trimethyl
42.05</sup> GGGKGLGK<sup>Acetyl
42.01</sup> GGAK<sup>Acetyl
42.01</sup> RHRK<sup>Methyl
14.02</sup> VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=101.67
- ▶ F104900.dat
- ▶ query=q1688_p1
- ▶ precursor=636.382960
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2542.528	2526.509	0.000	2525.501	S[23]
G[2]	304.098	2413.485	2397.466	0.000	2396.458	G[22]
R[3]	360.199	2356.664	2340.445	2341.453	2339.437	R[21]
G[4]	417.220	2200.363	2184.344	2185.352	2183.336	G[20]
K[5]	587.362	2143.241	2127.222	2128.230	2126.215	K[19]
G[6]	644.184	1973.190	1957.170	1958.180	1956.171	G[18]
G[7]	701.405	1916.178	1900.159	1901.167	1899.151	G[17]
K[8]	829.500	1859.150	1843.130	1844.145	1842.130	K[16]
G[9]	886.522	1731.061	1715.043	1716.050	1714.035	G[15]
L[10]	999.606	1674.040	1658.021	1659.029	1657.013	L[14]
G[11]	1056.627	1560.956	1544.937	1545.945	1543.929	G[13]
R[12]	1228.732	1303.934	1287.915	1288.923	1286.908	R[12]
G[13]	1283.754	1333.829	1317.810	1318.818	1316.802	G[11]
G[14]	1340.776	1276.807	1260.789	1261.796	1259.781	G[10]
A[15]	1411.813	1219.786	1203.767	1204.775	1202.759	A[0]
K[16]	1581.918	1148.749	1132.730	1133.738	1131.722	K[8]
R[17]	1738.019	978.643	962.624	963.632	961.617	R[7]
T[18]	1875.078	822.542	806.523	807.531	805.516	T[6]
R[19]	2031.175	685.483	669.464	670.472	668.457	R[5]
K[20]	2173.290	520.382	513.363	514.371	512.356	K[4]
V[21]	2272.369	387.271	371.253	372.261	370.245	V[3]
L[22]	2385.443	288.203	272.184	273.192	271.176	L[2]
R[23]	2541.544	175.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Trimethyl}_{42.05} GGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=101.67
- ▶ F104900.dat
- ▶ query=q1688_p1
- ▶ precursor=636.382960
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1271.767	1263.758	0.904	1263.754	S[2]
G[2]	102.553	1207.246	1199.237	0.904	1198.733	G[3]
R[3]	180.603	1178.735	1170.726	1171.230	1170.222	R[2]
G[4]	209.114	1100.685	1092.676	1093.179	1092.172	G[20]
K[5]	288.185	1072.174	1064.165	1064.669	1063.661	K[19]
G[6]	322.696	989.203	975.694	976.198	975.190	G[18]
G[7]	351.206	958.582	950.583	951.087	950.079	G[17]
K[8]	435.254	930.082	922.072	922.576	921.569	K[16]
G[9]	443.705	866.034	858.025	858.529	857.521	G[15]
L[10]	500.307	837.524	829.514	830.018	829.010	L[14]
G[11]	558.817	796.062	772.972	773.476	772.468	G[13]
K[12]	613.916	752.471	744.463	744.965	743.957	K[12]
G[13]	642.381	667.418	659.409	659.913	658.905	G[11]
G[14]	670.891	638.907	630.898	631.402	630.394	G[10]
A[15]	708.410	610.397	602.387	602.891	601.883	A[9]
K[16]	791.463	574.878	566.869	567.373	566.365	K[8]
R[17]	809.513	489.825	481.817	482.320	481.312	R[7]
H[18]	938.043	411.725	403.716	404.219	403.211	H[6]
R[19]	1016.093	343.245	335.236	335.740	334.732	R[5]
K[20]	1087.149	265.195	257.185	257.689	256.681	K[4]
V[21]	1136.683	194.139	186.130	186.634	185.626	V[3]
L[22]	1193.225	144.605	136.595	137.100	136.092	L[1]
R[23]	1271.215	98.051	90.044	90.548	89.540	R[1]

sp | P62806 | H4_MOUSE

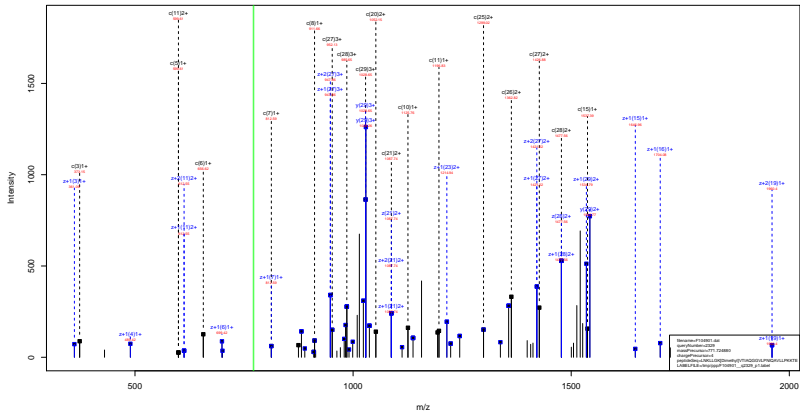
[Acetyl]SGRGK<sup>Trimethyl
42.05</sup> GGGKGLGK<sup>Acetyl
42.01</sup> GGAK<sup>Acetyl
42.01</sup> RHRK<sup>Methyl
14.02</sup> VLR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=101.67
- ▶ F104900.dat
- ▶ query=q1688_p1
- ▶ precursor=636.382960
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	848.181	842.841	0.672	842.905	S[23]
G	[2]	68.704	805.167	799.827	0.672	799.491	G[22]
R	[3]	120.738	786.150	780.820	781.156	780.484	R[21]
G	[4]	139.743	734.126	728.789	729.122	728.450	G[20]
K	[5]	196.459	715.119	709.770	710.115	709.443	K[19]
G	[6]	215.466	658.405	651.065	653.401	652.729	G[18]
G	[7]	234.473	639.397	634.059	634.394	633.722	G[17]
K	[8]	277.172	620.390	615.051	615.387	614.715	K[16]
G	[9]	296.179	577.692	572.352	572.688	572.016	G[15]
L	[10]	333.673	558.685	553.345	553.681	553.009	L[14]
G	[11]	352.681	520.990	515.651	515.986	515.315	G[13]
K	[12]	409.582	501.983	496.643	496.979	496.307	K[12]
G	[13]	428.590	445.281	439.942	440.277	439.606	G[11]
G	[14]	447.597	426.274	420.934	421.270	420.598	G[10]
A	[15]	471.276	407.267	401.927	402.263	401.591	A[9]
K	[16]	527.978	383.588	378.249	378.584	377.912	K[8]
R	[17]	580.011	326.886	321.546	321.882	321.210	R[7]
H	[18]	625.698	274.852	269.513	269.849	269.177	H[6]
R	[19]	677.731	229.166	223.826	224.162	223.490	R[5]
K	[20]	725.102	177.132	171.793	172.129	171.457	K[4]
V	[21]	758.124	129.762	124.422	124.758	124.086	V[9]
L	[22]	795.819	96.739	91.400	91.736	91.064	L[2]
R	[23]	847.853	59.043	53.703	54.041	53.369	R[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=83.51
- ▶ F104901.dat
- ▶ query=q2329_p1
- ▶ precursor=771.724880
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.288	2174.269	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.857	1905.111	1889.092	1890.100	1888.084	Q[18]
G[13]	1381.889	1777.055	1761.036	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.863	1434.844	1435.852	1433.836	P[13]
T[18]	1852.159	1383.810	1337.791	1338.799	1336.783	T[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2951.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=83.51
- ▶ F104901.dat
- ▶ query=q2329_p1
- ▶ precursor=771.724880
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L126
N1	123.084	1485.905	1477.898	1478.402	1477.394	N20
K1	187.132	1428.889	1420.877	1421.381	1420.373	K27
L1	243.674	1364.839	1356.829	1357.333	1356.325	L26
L1	300.216	1308.297	1300.287	1300.791	1299.783	L25
G1	358.758	1251.755	1243.745	1244.249	1243.241	G24
K1	406.799	1223.244	1215.234	1215.738	1214.731	K23
V1	456.324	1145.181	1137.171	1137.675	1136.667	V22
T1	506.840	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A19
G12	662.937	933.060	925.053	925.557	924.549	G18
G13	691.448	899.033	891.023	891.527	889.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	812.011	804.002	804.506	803.498	V15
L16	838.035	762.477	754.468	754.972	753.964	L14
T17	874.561	728.935	720.928	721.430	720.422	T13
N18	911.553	677.400	669.390	669.893	668.885	N12
I19	988.125	620.867	612.878	612.882	611.874	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.754	407.258	406.251	L17
L24	1250.291	358.221	350.213	350.716	349.708	L16
P25	1298.817	301.678	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

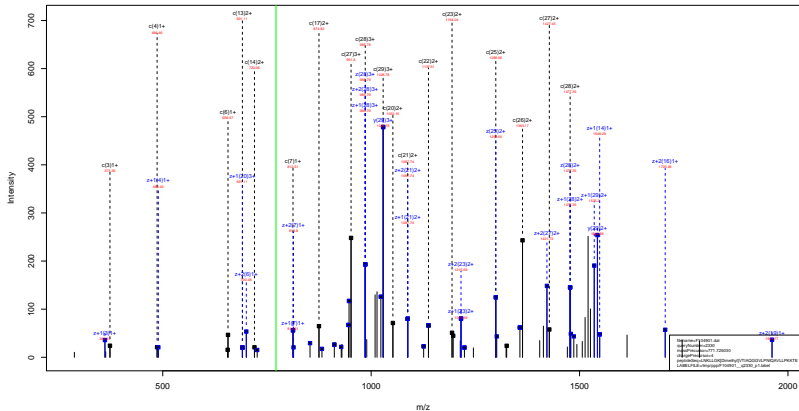
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=83.51
- ▶ F104901.dat
- ▶ query=q2329_p1
- ▶ precursor=771.724880
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.577	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	990.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.513	867.174	867.510	866.886	L[25]
Q[6]	239.207	834.839	829.499	829.835	829.161	Q[24]
K[7]	277.529	815.832	810.492	810.828	810.154	K[23]
V[8]	304.552	795.700	790.360	790.696	789.991	V[22]
T[9]	338.234	776.767	771.427	771.763	771.090	T[21]
I[10]	375.920	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	699.380	694.050	694.386	693.714	A[19]
Q[12]	442.294	639.710	634.371	634.707	634.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	563.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.939	446.266	T[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.148	233.474	L[6]
P[25]	866.214	201.455	196.116	196.451	195.780	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.400	121.061	121.402	120.730	K[3]
T[28]	985.293	83.700	78.361	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.686	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.26
- ▶ F104901.dat
- ▶ query=q2330_p1
- ▶ precursor=771.725030
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2738.670	2722.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.761	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.409	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.26
- ▶ F104901.dat
- ▶ query=q2330_p1
- ▶ precursor=771.725030
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	8.504	1533.930	L126
N12	123.054	1485.908	1477.898	1478.402	1477.394	N020
K13	187.132	1428.886	1420.877	1421.381	1420.373	K027
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
Q16	358.258	1251.755	1243.745	1244.249	1243.241	Q024
K17	406.799	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
T19	506.849	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	588.808	988.561	980.551	981.055	980.047	A119
Q12	603.817	933.065	945.053	945.557	944.549	Q118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	825.035	782.477	774.468	774.972	773.964	L114
T17	874.561	725.935	717.926	718.430	717.422	T113
N18	911.553	677.420	669.410	669.913	668.905	N112
I19	968.125	620.887	612.878	612.882	611.874	I111
Q20	1052.154	563.845	555.836	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	484.297	476.288	476.792	475.784	V19
L23	1193.749	414.763	406.754	407.258	406.251	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P19
K26	1362.865	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.26
- ▶ F104901.dat
- ▶ query=q2330_p1
- ▶ precursor=771.725030
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	900.941	985.601	985.937	985.265	N[20]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.194	867.530	866.896	L[25]
Q[6]	239.487	834.839	829.499	829.835	829.199	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	795.700	790.450	790.786	789.114	V[22]
T[9]	338.234	776.767	771.427	771.763	771.091	T[21]
T[10]	375.920	697.084	691.745	692.081	691.409	T[20]
A[11]	399.608	699.380	694.050	694.386	693.714	A[19]
Q[12]	442.294	639.711	634.371	634.707	634.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	563.177	484.262	478.923	479.259	478.587	F[13]
T[18]	623.391	451.942	446.603	446.939	446.267	T[12]
T[19]	659.086	415.927	409.588	409.924	409.252	T[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.537	327.865	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.156	233.484	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.700	78.360	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=89.67
- ▶ F104901.dat
- ▶ query=q2331_p1
- ▶ precursor=771.726140
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
G[6]	656.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.857	1905.111	1889.094	1890.102	1888.086	Q[18]
G[13]	1381.589	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.979	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.874	1435.882	1433.866	P[13]
T[18]	1892.159	1383.810	1377.791	1378.799	1376.783	T[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2951.905	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=89.67
- ▶ F104901.dat
- ▶ query=q2331_p1
- ▶ precursor=771.726140
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	8.504	1533.930	L126
N1	123.084	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.889	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1356.829	1357.333	1356.325	L126
L1	300.216	1308.297	1309.287	1309.791	1309.781	L125
G1	358.758	1251.795	1243.745	1244.249	1243.241	G124
K1	406.799	1223.244	1215.234	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
F1	506.840	1095.646	1087.637	1088.141	1087.133	F121
T1	563.390	1045.123	1037.113	1037.617	1036.609	T120
A1	598.908	988.581	989.571	989.575	989.567	A119
Q1	662.937	933.066	933.033	933.537	934.540	Q118
G1	691.448	889.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.513	853.017	852.009	G116
V1	769.493	832.011	834.002	834.506	833.498	V115
L1	838.035	782.477	774.468	774.972	773.964	L114
F1	874.561	728.935	727.928	728.432	727.425	F113
N1	911.553	677.400	669.390	669.903	668.895	N112
I1	988.125	620.867	612.858	612.862	611.874	I111
Q1	1052.154	563.845	555.836	556.340	555.332	Q110
A1	1087.673	499.816	491.807	492.310	491.303	A10
V1	1137.207	484.297	476.288	476.792	475.784	V19
L1	1193.749	414.763	406.754	407.258	406.250	L17
L1	1250.291	358.221	350.212	350.716	349.708	L16
P1	1298.817	301.679	293.670	294.174	293.166	P15
K1	1362.865	253.153	245.143	245.647	244.639	K14
K1	1426.912	189.105	181.096	181.600	180.592	K13
T1	1477.436	125.058	117.048	117.552	116.544	T12
E1	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

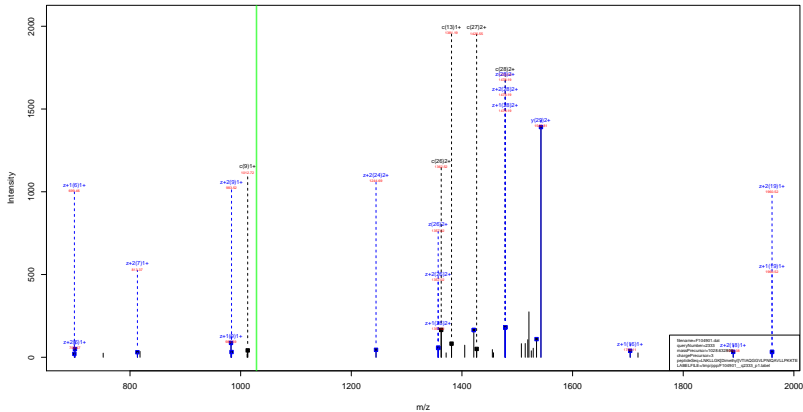
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=89.67
- ▶ F104901.dat
- ▶ query=q2331_p1
- ▶ precursor=771.726140
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.577	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.392	990.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.194	867.530	866.896	L[25]
Q[6]	239.287	834.839	829.499	829.835	829.199	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	795.790	790.450	790.786	789.114	V[22]
T[9]	338.234	776.767	771.427	771.763	771.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	699.389	694.050	694.386	693.714	A[19]
Q[12]	442.294	639.731	634.391	634.727	634.055	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	563.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.939	446.267	T[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.537	327.865	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.156	233.484	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.57
- ▶ F104901.dat
- ▶ query=q2333_p1
- ▶ precursor=1028.632800
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
G[6]	694.448	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.554	2273.535	2274.543	2272.527	V[22]
T[9]	1012.688	2190.586	2174.567	2175.575	2173.559	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.859	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1274.897	1905.111	1889.092	1890.100	1888.084	Q[18]
G[13]	1381.889	1777.055	1761.036	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.863	1434.844	1435.852	1433.836	P[13]
Tu[18]	1852.159	1383.810	1367.791	1368.799	1366.783	Tu[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	996.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2951.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3087.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

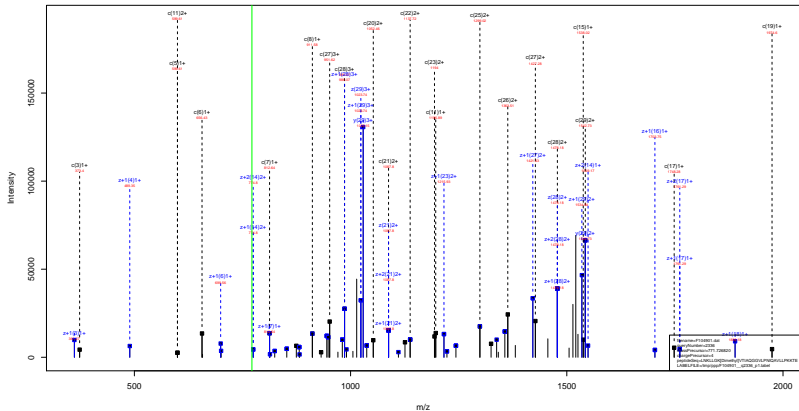
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=28.57
- ▶ F104901.dat
- ▶ query=q2333_p1
- ▶ precursor=1028.632800
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	356.759	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.849	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A111	588.908	988.581	980.571	981.075	980.067	A119
Q12	602.937	953.065	945.055	945.559	944.551	Q118
G133	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
F17	874.581	728.935	720.925	721.429	720.421	F113
N118	931.583	677.400	669.390	669.893	668.885	N112
I19	988.125	620.867	612.857	613.361	612.353	I111
Q120	1052.154	563.845	555.835	556.340	555.332	Q110
A121	1087.673	499.816	491.807	492.311	491.303	A10
V122	1127.207	484.297	476.288	476.792	475.784	V10
L123	1193.749	414.763	406.753	407.257	406.250	L11
L124	1250.291	358.221	350.211	350.715	349.708	L10
P125	1298.817	301.679	293.670	294.174	293.166	P10
K126	1362.865	253.153	245.143	245.647	244.639	K10
K127	1426.912	189.105	181.095	181.600	180.592	K13
T128	1477.436	125.058	117.048	117.552	116.544	T12
E129	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=112.07
- ▶ F104901.dat
- ▶ query=q2336_p1
- ▶ precursor=771.726820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	2067.873	0.000	3056.885	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	3840.740	3841.754	2839.738	K[27]
L[4]	488.340	3728.670	2712.651	2713.659	3711.643	L[26]
L[5]	699.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2302.502	2488.483	2487.491	2485.473	G[24]
K[7]	812.572	2245.480	2429.461	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.117	A[19]
Q[12]	1324.867	1909.111	1885.098	1890.118	1888.096	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1603.015	1648.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1748.116	1450.883	1434.864	1435.872	1433.856	T[13]
N[18]	1862.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	827.587	811.569	812.576	810.561	V[8]
L[23]	2389.491	628.519	612.500	613.508	611.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.050	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=112.07
- ▶ F104901.dat
- ▶ query=q2336_p1
- ▶ precursor=771.726820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	66.093	1542.450	1534.440	9.504	533.930	L 20
N 2	123.084	1485.905	1477.898	1478.402	1477.394	N 20
K 3	187.132	1428.889	1420.877	1421.381	1420.373	K 27
L 4	243.674	1364.839	1356.829	1357.333	1356.325	L 26
L 5	300.216	1308.297	1300.287	1300.791	1299.783	L 25
G 6	358.708	1251.795	1243.745	1244.249	1243.241	G 24
K 7	406.750	1223.244	1215.234	1215.738	1214.731	K 23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V 22
T 9	506.840	1095.646	1087.637	1088.141	1087.133	T 21
T 10	563.390	1045.123	1037.113	1037.617	1036.609	T 20
A 11	598.908	988.581	980.571	981.075	980.067	A 19
Q 12	662.937	933.060	943.053	945.557	944.549	Q 18
G 13	691.448	889.033	881.023	881.527	880.519	G 17
G 14	719.959	860.522	852.513	853.017	852.009	G 16
V 15	769.493	832.011	824.002	824.506	823.498	V 15
L 16	830.035	782.477	774.468	774.972	773.964	L 14
T 17	874.561	728.935	717.928	718.432	717.424	T 13
N 18	931.583	677.400	669.390	669.903	668.895	N 12
I 19	988.125	630.867	612.870	612.882	611.874	I 11
Q 20	1052.154	583.845	555.838	556.340	555.332	Q 10
A 21	1087.673	499.816	491.807	492.310	491.303	A 0
V 22	1137.207	404.297	456.288	456.792	455.784	V 8
L 23	1193.749	414.763	426.754	427.258	426.250	L 7
L 24	1250.291	358.221	350.213	350.716	349.708	L 6
P 25	1298.817	301.679	293.670	294.174	293.166	P 5
K 26	1362.865	253.153	245.143	245.647	244.639	K 4
K 27	1426.912	189.105	181.096	181.600	180.592	K 3
T 28	1477.436	125.058	117.048	117.552	116.544	T 2
E 29	1541.958	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=112.07
- ▶ F104901.dat
- ▶ query=q2336_p1
- ▶ precursor=771.726820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		0.672	1022.960 L 29
N 2	62.392	990.941	985.601	985.937		985.265 N 28
K 3	125.090	952.026	947.587	947.923		947.251 K 27
L 4	162.795	910.229	904.889	905.225		904.553 L 26
L 5	200.479	872.523	867.184	867.520		866.955 L 25
G 6	219.487	834.839	829.499	829.835		829.163 G 24
K 7	271.529	815.832	810.492	810.828		810.156 K 23
V 8	304.552	763.790	758.450	758.786		758.114 V 22
T 9	336.234	730.767	725.427	725.763		725.091 T 21
I 10	375.929	697.084	691.745	692.081		691.409 I 20
A 11	399.608	658.389	654.050	654.386		653.714 A 19
Q 12	442.294	636.720	630.371	630.707		630.035 Q 18
G 13	461.301	593.024	587.685	588.021		587.349 G 17
G 14	480.308	574.017	568.678	569.013		568.342 G 16
V 15	513.331	555.010	549.670	550.006		549.334 V 15
L 16	551.026	521.987	516.648	516.984		516.312 L 14
F 17	583.377	484.292	478.953	479.289		478.617 F 13
Tu 18	621.391	451.942	446.603	446.939		446.266 Tu 12
I 19	659.086	413.927	408.588	408.924		408.252 I 11
Q 20	701.772	376.233	370.893	371.229		370.557 Q 10
A 21	725.451	333.546	328.207	328.543		327.871 A 9
V 22	758.474	309.867	304.528	304.864		304.192 V 8
L 23	796.168	276.844	271.505	271.841		271.169 L 7
L 24	833.863	239.350	233.010	233.346		232.674 L 6
P 25	866.214	201.655	195.316	195.651		195.005 P 5
K 26	908.912	169.104	163.765	164.101		163.428 K 4
K 27	951.611	126.406	121.066	121.402		120.730 K 3
T 28	985.293	83.708	78.368	78.704		78.032 T 2
E 29	1028.307	50.025	44.685	45.021		44.349 E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.15
- ▶ F104901.dat
- ▶ query=q2337_p1
- ▶ precursor=1028.633600
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	131.118	2083.892	2067.873	0.000	2066.865	L 29
N 2	245.161	2970.808	2954.789	2955.797	2953.781	N 28
K 3	373.256	2856.765	2840.746	2841.754	2839.738	K 27
L 4	486.340	2738.670	2722.651	2713.659	2711.643	L 26
L 5	599.424	2615.585	2599.567	2600.575	2598.559	L 25
G 6	656.445	2502.502	2486.483	2487.491	2485.475	G 24
K 7	812.572	2445.468	2429.450	2430.458	2428.454	K 23
V 8	911.640	2329.354	2273.335	2274.343	2272.327	V 22
T 9	1012.688	2190.288	2174.269	2175.275	2173.259	T 21
I 10	1125.772	2089.239	2073.219	2074.227	2072.211	I 20
A 11	1196.809	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.887	1925.111	1889.090	1890.106	1888.090	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.930	1720.037	1704.018	1705.026	1703.010	G 16
V 15	1537.979	1663.015	1646.997	1648.004	1646.989	V 15
L 16	1651.063	1563.947	1547.928	1548.936	1546.920	L 14
P 17	1748.116	1450.863	1434.844	1435.852	1433.836	P 13
TW 18	1862.159	1333.813	1317.793	1318.799	1316.783	TW 12
I 19	1975.243	1239.787	1223.768	1224.776	1222.761	I 11
Q 20	2103.301	1120.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.338	998.624	982.605	983.614	981.598	A 9
V 22	2273.407	827.587	911.569	912.576	910.561	V 8
L 23	2386.491	628.519	812.500	813.508	811.492	L 7
L 24	2489.576	435.435	695.416	700.424	698.408	L 6
T 25	2598.638	602.351	586.332	587.340	585.324	T 5
K 26	2724.723	505.295	489.276	490.282	488.271	K 4
K 27	2852.818	377.203	361.184	362.192	360.177	K 3
T 28	2963.865	249.108	233.089	234.097	232.082	T 2
E 29	3082.958	148.060	132.942	133.950	131.934	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.15
- ▶ F104901.dat
- ▶ query=q2337_p1
- ▶ precursor=1028.633600
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L19
N1	123.054	1485.905	1477.898	1478.402	1477.394	N20
K1	187.132	1428.886	1420.877	1421.381	1420.373	K27
L1	243.674	1364.839	1356.829	1357.333	1356.325	L26
L1	300.216	1308.297	1300.287	1300.791	1299.781	L25
G1	358.720	1251.755	1243.745	1244.249	1243.241	G24
K1	406.780	1223.244	1215.234	1215.738	1214.731	K23
V1	456.324	1145.181	1137.171	1137.675	1136.667	V22
T1	506.840	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	596.908	988.581	980.571	981.075	980.067	A19
G12	662.937	933.065	925.055	925.559	924.551	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.035	782.477	774.468	774.972	773.964	L14
T17	874.581	725.935	717.925	718.429	717.421	T13
N18	931.583	677.402	669.392	669.896	668.888	N12
I19	988.125	620.867	612.857	613.361	612.353	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.311	491.303	A0
V22	1127.207	484.297	476.288	476.792	475.784	V8
L23	1193.760	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=106.53
- ▶ F104901.dat
- ▶ query=q2338_p1
- ▶ precursor=617.583300
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L129
N2	245.161	2970.808	2954.789	2955.797	2951.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.585	2599.567	2600.575	2598.560	L25
G6	656.445	2502.502	2486.483	2487.491	2485.475	G24
K7	812.572	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2288.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.899	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.867	1895.111	1889.093	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.015	1646.997	1648.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
P17	1748.116	1450.893	1434.864	1435.872	1433.856	P13
T18	1852.159	1383.810	1337.791	1338.799	1336.783	T12
I19	1975.243	1236.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.336	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.576	715.435	699.415	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2953.895	249.108	233.089	234.097	232.082	T2
E29	3082.968	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=106.53
- ▶ F104901.dat
- ▶ query=q2338_p1
- ▶ precursor=617.583300
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L126
N1	123.084	1485.905	1477.898	1478.402	1477.394	N128
K1	187.132	1428.888	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1356.829	1357.333	1356.325	L126
L1	300.216	1308.297	1300.287	1300.791	1299.783	L125
G1	358.758	1254.755	1247.745	1244.240	1243.230	G124
K1	406.789	1223.244	1215.234	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
T1	506.640	1095.646	1087.637	1088.141	1087.133	T121
T1	563.390	1045.123	1037.113	1037.617	1036.609	T120
A1	598.908	988.581	982.117	981.675	980.667	A119
G1	662.837	933.066	945.053	945.557	944.549	G118
G1	691.448	889.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.513	853.017	852.009	G116
V1	769.493	832.011	824.002	824.506	823.498	V115
L1	826.035	782.477	774.468	774.972	773.964	L114
T1	874.561	725.335	719.325	718.829	717.821	T113
N1	931.553	677.820	669.399	669.903	668.895	N112
N1	988.125	620.387	612.378	612.882	611.874	N111
Q1	1052.154	563.845	555.836	556.340	555.332	Q110
A1	1087.673	499.816	491.807	492.310	491.303	A10
V1	1137.207	484.297	456.288	456.792	455.784	V18
L1	1193.709	414.763	406.754	407.258	406.250	L17
L1	1250.291	358.221	350.212	350.716	349.708	L16
P1	1298.817	301.678	293.670	294.174	293.166	P15
K1	1362.805	253.153	245.143	245.647	244.639	K14
K1	1426.912	189.105	181.096	181.600	180.592	K13
T1	1477.436	125.058	117.048	117.552	116.544	T12
E1	1541.928	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=106.53
- ▶ F104901.dat
- ▶ query=q2338_p1
- ▶ precursor=617.583300
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1023.660	L[29]
N[2]	62.302	090.941	985.601	965.937	985.265	N[28]
K[3]	125.090	952.320	947.587	947.923	947.251	K[27]
L[4]	162.785	910.226	904.889	905.225	904.553	L[26]
L[5]	200.479	872.531	867.194	867.530	866.856	L[25]
G[6]	239.487	834.835	829.499	829.835	829.163	G[24]
K[7]	271.529	815.833	810.492	810.828	810.156	K[23]
V[8]	304.552	763.790	758.450	758.786	758.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	389.608	699.389	654.250	654.586	653.714	A[19]
Q[12]	442.294	636.710	630.374	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
P[17]	583.377	484.202	478.963	479.289	478.617	P[13]
N[18]	621.391	451.942	446.702	446.938	446.266	N[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.546	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.188	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.150	233.810	234.146	233.474	L[6]
T[25]	869.214	201.455	196.116	196.452	195.780	T[5]
K[26]	908.912	169.100	163.760	164.100	163.429	K[4]
K[27]	951.611	138.406	133.066	133.402	132.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

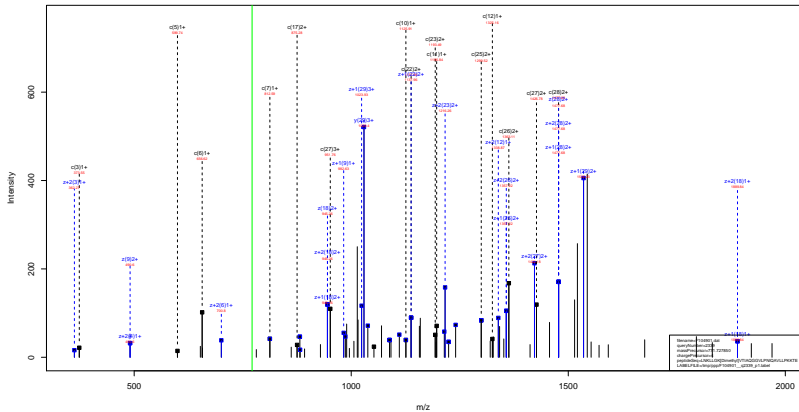
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=106.53
- ▶ F104901.dat
- ▶ query=q2338_p1
- ▶ precursor=617.583300
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
L	1	33.535	771.728	767.724	0.756	767.472	L	29
N	2	62.046	743.451	739.453	739.705	739.201	N	28
K	3	94.059	714.941	710.942	711.194	710.690	K	27
L	4	122.340	687.923	678.918	679.170	678.666	L	26
L	5	150.611	654.652	650.647	650.899	650.395	L	25
G	6	164.867	626.381	622.376	622.628	622.124	G	24
K	7	203.898	612.126	608.121	609.373	607.869	K	23
V	8	228.665	573.094	569.089	569.341	568.837	V	22
T	9	253.927	548.327	544.322	544.574	544.070	T	21
I	10	262.198	523.065	519.060	519.312	518.808	I	20
A	11	269.958	494.794	490.789	491.041	490.537	A	19
Q	12	311.972	477.035	473.030	473.282	472.778	Q	18
G	13	346.728	445.020	441.015	441.267	440.763	G	17
G	14	360.483	430.765	426.760	427.012	426.508	G	16
V	15	385.250	416.509	412.504	412.757	412.253	V	15
L	16	413.521	391.742	387.737	387.989	387.486	L	14
P	17	437.784	363.471	359.466	359.718	359.215	P	13
N	18	466.295	339.208	335.203	335.455	334.951	N	12
I	19	494.566	310.897	306.891	307.143	306.641	I	11
Q	20	525.381	282.426	278.422	278.673	278.170	Q	10
A	21	544.340	250.412	246.407	246.659	246.155	A	9
V	22	569.107	232.652	228.646	228.898	228.395	V	8
L	23	597.378	207.885	203.881	204.132	203.629	L	7
L	24	625.649	179.614	175.609	175.861	175.358	L	6
P	25	649.912	151.343	147.338	147.590	147.087	P	5
K	26	681.936	127.080	123.075	123.327	122.823	K	4
K	27	713.960	95.056	91.052	91.304	90.800	K	3
T	28	739.222	63.032	59.028	59.280	58.776	T	2
E	29	771.482	37.771	33.766	34.018	33.514	E	1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.21
- ▶ F104901.dat
- ▶ query=q2339_p1
- ▶ precursor=771.727850
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[20]
N[2]	245.161	2970.808	2954.789	2938.769	2953.781	N[20]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	999.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1865.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1768.116	1490.863	1474.844	1475.852	1473.836	T[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.249	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.980	132.962	133.970	131.954	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.21
- ▶ F104901.dat
- ▶ query=q2339_p1
- ▶ precursor=771.727850
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.063	1542.450	1534.440	0.504	1533.936	L126
N1	123.084	1485.908	1477.898	1478.402	1477.394	N128
K1	187.132	1438.886	1438.877	1421.381	1420.373	K127
L1	243.674	1384.839	1356.829	1357.333	1356.325	L126
L1	300.216	1330.297	1300.287	1300.791	1299.783	L125
G1	338.726	1281.758	1244.740	1244.849	1243.741	G124
K1	406.789	1223.244	1215.235	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
T1	506.846	1095.646	1087.637	1088.141	1087.133	T121
I1	563.390	1045.123	1037.113	1037.617	1036.609	I120
A1	608.608	998.581	988.571	981.575	980.567	A119
Q1	662.937	953.066	945.053	945.557	944.549	Q118
G1	691.448	899.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.513	853.017	852.009	G116
V1	769.493	832.011	824.002	824.506	823.498	V115
L1	826.035	782.477	774.468	774.972	773.964	L114
T1	874.561	725.935	717.926	718.430	717.422	T113
N1	913.583	677.409	669.399	669.903	668.895	N112
I1	968.125	626.867	612.878	612.882	611.874	I111
Q1	1052.154	563.945	555.839	556.340	555.332	Q110
A1	1087.673	499.616	491.807	492.310	491.303	A109
V1	1137.207	464.297	456.288	456.792	455.784	V108
L1	1193.749	414.763	406.754	407.258	406.250	L107
L1	1250.291	358.221	350.211	350.716	349.708	L106
P1	1298.817	301.679	293.670	294.174	293.166	P105
K1	1362.865	253.153	245.143	245.647	244.639	K104
K1	1426.912	189.105	181.096	181.600	180.592	K103
T1	1477.436	125.058	117.048	117.552	116.544	T102
E1	1541.958	74.534	66.524	67.028	66.021	E101

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=39.21
- ▶ F104901.dat
- ▶ query=q2339_p1
- ▶ precursor=771.727850
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.660	L20
N2	82.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.587	947.923	947.251	K27
L4	162.785	910.228	904.889	905.225	904.551	L26
L5	200.479	872.531	867.194	867.530	866.858	L25
G6	239.487	834.835	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	626.710	621.371	621.707	621.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.863	479.200	478.527	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.455	196.116	196.452	195.780	T5
K26	908.912	169.100	163.760	164.100	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | P43276 | H15_MOUSE

TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.45
- ▶ F104901.dat
- ▶ query=q2499_p1
- ▶ precursor=581.163060
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
T	119.082	3481.925	3465.907	0.000	3464.890	R	134
A	180.119	3390.979	3364.959	0.000	3363.951	A	133
A	293.156	3309.941	3293.922	0.000	3292.914	A	132
F	358.208	3238.894	3222.785	0.000	3221.777	P	131
A	439.246	3141.751	3125.732	0.000	3124.724	A	130
F	528.299	3070.714	3054.695	0.000	3053.687	P	129
V	625.367	2973.661	2957.642	0.000	2956.634	V	128
T	754.409	2874.592	2858.573	0.000	2857.565	T	127
K	892.554	2745.550	2729.531	27.80.539	2728.523	K	126
S	1049.503	2617.495	2601.436	2602.444	2600.426	S	125
F	1146.555	2650.457	2434.438	2435.446	2433.430	P	124
A	1217.593	2353.404	2337.385	2338.393	2336.377	A	123
K	1365.668	2282.367	2066.348	2267.356	2265.340	K	122
R	1473.783	2154.322	2138.293	2139.281	2137.286	R	121
K	1691.877	2026.177	2010.158	2011.166	2009.150	K	120
T	1702.925	1898.082	1882.063	1883.071	1881.055	T	119
T	1893.973	1797.034	1781.015	1782.023	1780.006	T	118
K	1932.068	1695.986	1679.968	1680.976	1678.960	K	117
K	2080.283	1567.891	1551.873	1552.881	1550.865	K	116
A	2111.290	1439.797	1423.778	1424.786	1422.770	A	115
G	2188.221	1368.759	1352.741	1353.748	1351.733	G	114
A	2259.259	1311.738	1295.719	1296.727	1294.711	A	113
A	2330.296	1240.703	1224.682	1225.690	1223.674	A	112
K	2458.291	1169.664	1153.642	1154.653	1152.637	K	111
K	2614.492	1074.599	1025.590	1026.598	1024.584	K	110
K	2742.587	885.468	869.449	870.457	868.441	K	109
A	2813.624	757.373	741.354	742.362	740.346	A	108
T	2914.671	686.336	670.317	671.325	669.309	T	107
G	2971.693	585.289	569.269	570.277	568.261	G	106
P	3068.746	508.266	512.268	513.256	511.249	P	105
F	3185.798	433.214	435.195	436.203	434.187	F	104
V	3264.867	354.161	338.142	339.150	337.134	V	103
S	3351.899	235.092	219.074	220.082	218.066	S	102
E	3480.941	148.060	132.042	133.050	131.034	E	101

sp | P43276 | H15_MOUSE

TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.45
- ▶ F104901.dat
- ▶ query=q2499_p1
- ▶ precursor=581.163060
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T 1	60.044	1741.466	1733.457	0.504	1732.953	T14
A 2	65.263	1699.243	1682.733	0.504	1662.420	A13
A 3	131.682	1655.424	1647.435	0.504	1646.911	A12
F 4	179.608	1619.905	1611.896	0.504	1611.392	F11
A 5	215.126	1571.379	1563.370	0.504	1562.866	A10
F 6	263.651	1535.860	1527.851	0.504	1527.347	F10
V 7	313.167	1487.334	1479.325	0.504	1478.821	V10
E 8	377.398	1457.805	1449.797	0.504	1449.292	E11
K 9	441.758	1373.278	1365.269	1365.773	1364.765	K10
S10	505.235	1309.231	1301.222	1301.726	1300.718	S10
F11	573.761	1225.732	1217.723	1218.226	1217.210	F10
A12	609.300	1177.205	1169.196	1169.700	1168.692	A11
K13	673.347	1141.687	1133.678	1134.182	1133.174	K12
R14	737.395	1077.630	1069.630	1070.134	1069.126	R11
R15	801.442	1013.592	1005.583	1006.087	1005.079	R10
T16	851.966	949.545	941.535	942.039	941.031	T10
T17	902.490	899.021	891.011	891.515	890.507	T10
K18	966.538	848.467	840.457	840.961	839.953	K11
R19	1038.585	784.449	776.440	776.944	775.936	R10
A20	1064.104	729.920	712.393	712.896	711.889	A11
G21	1094.614	684.883	676.874	677.378	676.370	G14
A22	1130.133	656.373	648.363	648.867	647.859	A11
A23	1185.651	620.854	612.845	613.349	612.341	A12
K24	1229.699	585.335	577.326	577.830	576.822	K11
R25	1307.719	503.288	513.279	513.783	512.775	R10
K26	1371.797	443.237	435.228	435.732	434.724	K10
A27	1407.315	379.190	371.181	371.685	370.677	A10
T28	1457.839	343.671	335.662	336.166	335.158	T11
G29	1486.350	293.149	285.138	285.642	284.634	G10
F30	1534.876	264.637	256.627	257.131	256.123	F10
F31	1583.403	218.110	209.101	209.605	208.597	F10
V32	1632.931	167.584	159.575	160.079	159.071	V10
S33	1676.453	118.050	110.041	110.544	109.537	S10
E34	1740.974	74.534	66.524	67.028	66.021	E11

sp | P43276 | H15_MOUSE

TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.45
- ▶ F104901.dat
- ▶ query=q2499_p1
- ▶ precursor=581.163060
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
T	3	60.385	1161.313	1155.974	0.672	1155.638	T[3]
A	2	64.044	1177.631	1173.291	0.672	1171.951	A[2]
A	3	87.723	1103.952	1098.612	0.672	1098.276	A[3]
P	4	120.074	1080.273	1074.933	0.672	1074.597	P[4]
A	5	143.753	1047.922	1042.582	0.672	1042.246	A[5]
P	6	176.104	1024.241	1018.903	0.672	1018.567	P[6]
V	7	209.127	991.882	986.552	0.672	986.216	V[7]
E	8	252.141	954.809	953.529	0.672	953.193	E[8]
K	9	294.840	915.855	910.515	910.851	910.175	K[9]
S	10	350.506	873.156	867.817	868.153	867.481	S[10]
P	11	382.857	817.490	812.151	812.487	811.815	P[11]
A	12	406.536	785.139	779.800	780.136	779.464	A[12]
K	13	449.234	761.460	756.121	756.457	755.785	K[13]
R	14	491.932	718.767	713.423	713.758	713.087	R[14]
K	15	534.631	676.064	670.724	671.060	670.388	K[15]
T	16	568.313	633.365	628.026	628.362	627.690	T[16]
T	17	601.996	599.683	594.343	594.679	594.007	T[17]
K	18	644.694	566.000	560.661	560.997	560.325	K[18]
K	19	687.392	523.302	517.964	518.298	517.626	K[19]
A	20	711.071	480.604	475.264	475.600	474.928	A[20]
G	21	730.079	456.925	451.585	451.921	451.249	G[21]
A	22	753.758	437.917	432.578	432.914	432.242	A[22]
A	23	777.437	414.230	408.890	409.235	408.563	A[23]
K	24	820.135	390.550	385.210	385.546	384.894	K[24]
K	25	814.867	347.861	342.522	342.857	342.186	K[25]
K	26	914.867	296.921	290.488	290.824	290.152	K[26]
A	27	938.546	253.129	247.789	248.125	247.454	A[27]
T	28	972.229	229.450	224.110	224.446	223.775	T[28]
G	29	991.236	195.767	190.428	190.764	190.092	G[29]
P	30	1023.587	176.760	171.421	171.757	171.085	P[30]
P	31	1057.938	144.400	139.070	139.406	138.734	P[31]
V	32	1088.560	112.050	106.719	107.055	106.383	V[32]
S	33	1117.971	79.030	73.696	74.032	73.360	S[33]
E	34	1160.985	50.025	44.685	45.021	44.349	E[34]

sp | P43276 | H15_MOUSE

TAAPAPVEKS^{Phospho} PAKKKTTKKAGAAKRKATGPPVSE
79.97

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=51.45
- ▶ F104901.dat
- ▶ query=q2499_p1
- ▶ precursor=581.163060
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
T	1	30.526	871.237	867.232	0.755	866.980	T	34
A	2	48.285	845.975	841.970	0.755	841.718	A	33
A	3	66.044	828.216	824.211	0.755	823.959	A	32
P	4	83.803	810.456	806.452	0.755	806.200	P	31
A	5	108.067	786.193	782.188	0.755	781.937	A	30
P	6	132.330	768.434	764.429	0.755	764.177	P	29
V	7	157.097	744.171	740.166	0.755	739.914	V	28
E	8	189.358	719.404	715.399	0.755	715.147	E	27
K	9	221.382	687.143	683.138	683.390	682.886	K	26
S	10	263.131	655.119	651.115	651.366	650.863	S	25
P	11	287.394	613.370	609.365	609.617	609.113	P	24
A	12	305.154	589.106	585.102	585.354	584.850	A	23
K	13	337.177	571.341	567.342	567.594	567.090	K	22
K	14	369.201	539.321	535.319	535.571	535.067	K	21
K	15	401.225	507.300	503.298	503.547	503.043	K	20
T	16	428.487	475.276	471.271	471.523	471.019	T	19
T	17	451.749	450.014	446.009	446.261	445.757	T	18
K	18	483.772	424.752	420.747	420.999	420.495	K	17
K	19	515.796	392.728	388.724	388.976	388.472	K	16
A	20	533.555	360.705	356.700	356.952	356.448	A	15
G	21	547.811	342.945	339.941	339.193	338.689	G	14
A	22	565.570	328.690	324.685	324.937	324.433	A	13
A	23	583.329	310.931	306.928	307.178	306.674	A	12
K	24	615.353	293.171	289.167	289.419	288.915	K	11
R	25	654.378	261.148	257.143	257.395	256.891	R	10
K	26	686.402	222.122	218.118	218.370	217.866	K	9
A	27	704.161	190.099	186.094	186.346	185.842	A	8
T	28	729.423	172.339	168.335	168.587	168.083	T	7
G	29	743.679	147.077	143.073	143.325	142.821	G	6
P	30	767.942	132.822	128.817	129.069	128.565	P	5
P	31	792.205	108.559	104.554	104.806	104.302	P	4
V	32	819.972	84.296	80.291	80.543	80.039	V	3
S	33	838.730	59.529	55.524	55.776	55.272	S	2
E	34	870.991	37.771	33.766	34.018	33.514	E	1

sp | P43276 | H15_MOUSE

TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=51.45
- ▶ F104901.dat
- ▶ query=q2499_p1
- ▶ precursor=581.163060
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
T	1	24.622	697.191	693.967	0.806	693.786	T ₃₄
A	2	38.830	676.981	673.778	0.806	673.576	A ₃₃
A	3	83.037	562.775	559.570	0.806	559.369	A ₃₂
P	4	72.448	648.567	645.363	0.806	645.161	P ₃₁
A	5	96.655	529.155	625.952	0.806	625.751	A ₃₀
P	6	106.065	514.049	511.745	0.806	511.543	P ₂₉
V	7	125.879	595.538	592.334	0.806	592.133	V ₂₈
E	8	151.688	575.724	572.521	0.806	572.319	E ₂₇
K	9	177.307	549.916	546.712	546.914	546.510	K ₂₆
S	10	210.706	524.297	521.093	521.295	520.891	S ₂₅
P	11	230.117	490.897	487.693	487.895	487.492	P ₂₄
A	12	244.324	471.487	468.283	468.484	468.081	A ₂₃
K	13	269.943	457.270	454.075	454.277	453.874	K ₂₂
K	14	295.562	431.660	428.458	428.658	428.256	K ₂₁
K	15	321.181	406.041	402.837	403.039	402.636	K ₂₀
T	16	341.391	380.422	377.218	377.420	377.017	T ₁₉
T	17	361.600	360.213	357.009	357.210	356.807	T ₁₈
K	18	387.219	340.003	336.799	337.001	336.598	K ₁₇
K	19	412.838	314.384	311.180	311.382	310.979	K ₁₆
A	20	427.046	288.765	285.561	285.763	285.360	A ₁₅
G	21	438.450	274.558	271.354	271.556	271.152	G ₁₄
A	22	452.658	263.153	259.950	260.151	259.748	A ₁₃
A	23	466.865	248.946	245.742	245.944	245.541	A ₁₂
K	24	492.484	234.739	231.535	231.736	231.333	K ₁₁
R	25	524.704	209.120	205.916	206.117	205.714	R ₁₀
K	26	549.323	177.899	174.696	174.897	174.494	K ₉
A	27	563.531	152.280	149.077	149.278	148.875	A ₈
T	28	583.740	138.073	134.869	135.071	134.668	T ₇
G	29	595.144	117.863	114.660	114.861	114.458	G ₆
P	30	614.355	106.459	103.255	103.457	103.054	P ₅
P	31	633.965	87.049	83.845	84.046	83.643	P ₄
V	32	653.779	67.830	64.624	64.826	64.423	V ₃
S	33	671.186	47.824	44.621	44.822	44.419	S ₂
E	34	696.994	30.418	27.214	27.416	27.013	E ₁

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TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.06
- ▶ F104901.dat
- ▶ query=q2500_p1
- ▶ precursor=697.194740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
T	119.082	1481.925	1465.967	0.000	1464.999	T14	
A	2	190.119	1380.678	1364.650	0.000	1363.651	A13
A	3	261.156	1300.841	1293.822	0.000	1292.814	A32
F	4	358.208	1238.804	1222.785	0.000	1221.777	F31
A	5	429.246	1141.751	1125.732	0.000	1124.724	A30
P	6	530.288	1070.714	1054.695	0.000	1053.687	P29
V	7	625.307	2073.661	2057.642	0.000	2056.634	V28
E	8	754.409	2074.592	2058.574	0.000	2057.566	E27
K	9	862.504	2745.550	2729.531	2730.539	2728.523	K26
S	10	1049.503	2617.455	2601.436	2602.444	2600.428	S25
F	11	1146.555	2450.657	2434.638	2435.646	2433.630	F24
A	12	1217.593	2353.404	2337.385	2338.393	2336.377	A23
K	13	1345.688	2282.367	2266.348	2267.356	2265.340	K22
R	14	1413.183	2154.972	2138.953	2139.961	2137.945	R21
K	15	1601.577	2026.177	2010.158	2011.166	2009.150	K20
T	16	1702.925	1898.082	1882.063	1883.071	1881.055	T19
T	17	1803.973	1797.034	1781.015	1782.023	1780.006	T18
K	18	1932.068	1695.989	1679.968	1680.976	1678.960	K17
K	19	2080.163	1567.891	1551.873	1552.881	1550.865	K16
A	20	2131.200	1439.797	1423.778	1424.786	1422.770	A15
G	21	2188.221	1368.750	1352.741	1353.748	1351.733	G14
A	22	2259.258	1311.738	1295.719	1296.727	1294.711	A13
A	23	2330.296	1240.701	1224.682	1225.690	1223.674	A12
K	24	2428.391	1169.664	1153.645	1154.653	1152.637	K11
R	25	2614.492	1041.569	1025.550	1026.558	1024.542	R10
K	26	2742.537	985.566	969.549	970.557	968.541	K9
A	27	2813.624	877.573	861.554	862.562	860.546	A8
T	28	2914.671	698.538	679.517	679.525	669.509	T7
G	29	2971.693	585.488	569.469	570.477	568.461	G6
P	30	3098.746	578.266	512.248	513.256	511.240	P5
P	31	3185.798	431.214	415.195	416.203	414.187	P4
V	32	3264.887	384.161	368.142	369.150	367.134	V3
S	33	3351.939	278.092	262.074	263.082	261.066	S2
E	34	3480.941	148.060	132.042	133.050	131.034	E1

sp | P43276 | H15_MOUSE

TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.06
- ▶ F104901.dat
- ▶ query=q2500_p1
- ▶ precursor=697.194740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
T	1	60.044	1741.466	1733.457	0.504	1732.953	T[94]
A	2	65.263	1660.941	1662.932	0.504	1662.429	A[30]
A	3	131.682	1056.424	1647.415	0.504	1646.911	A[32]
F	4	179.608	1019.005	1011.596	0.504	1011.302	F[31]
A	5	215.126	1571.379	1563.370	0.504	1562.866	A[30]
F	6	263.651	1535.860	1527.851	0.504	1527.347	F[29]
V	7	313.167	1487.334	1479.325	0.504	1478.821	V[28]
E	8	377.898	1437.800	1429.791	0.504	1429.287	E[27]
K	9	441.758	1373.279	1365.269	1365.773	1364.765	K[24]
S	10	505.235	1309.231	1301.222	1301.726	1300.718	S[25]
F	11	573.761	1225.732	1217.723	1218.226	1217.219	F[24]
A	12	609.300	1177.206	1169.196	1169.700	1168.692	A[23]
K	13	673.347	1141.687	1133.678	1134.182	1133.174	K[22]
R	14	737.395	1079.599	1069.630	1070.134	1069.126	R[21]
K	15	801.442	1013.592	1005.583	1006.087	1005.079	K[20]
T	16	851.966	949.545	941.535	942.039	941.031	T[19]
T	17	902.490	899.021	891.011	891.515	890.507	T[18]
K	18	966.538	848.497	840.487	840.991	839.984	K[17]
K	19	1030.565	784.449	776.440	776.944	775.936	K[16]
A	20	1064.104	720.562	712.556	712.556	711.548	A[15]
G	21	1094.614	684.883	676.874	677.378	676.370	G[14]
A	22	1130.133	658.373	648.363	648.867	647.859	A[13]
A	23	1185.651	620.854	612.845	613.349	612.341	A[12]
K	24	1229.699	585.335	577.326	577.830	576.822	K[11]
K	25	1307.749	503.289	493.279	493.783	492.775	K[10]
K	26	1371.797	443.237	435.228	435.732	434.724	K[9]
A	27	1407.315	379.190	371.181	371.685	370.677	A[8]
T	28	1457.839	343.671	335.662	336.166	335.158	T[7]
G	29	1486.350	293.149	285.138	285.642	284.634	G[6]
F	30	1534.876	264.630	256.621	257.125	256.117	F[5]
F	31	1583.403	218.110	209.101	209.605	208.597	F[4]
V	32	1632.931	167.584	159.575	160.079	159.071	V[3]
S	33	1676.453	118.050	110.041	110.544	109.537	S[2]
E	34	1740.974	74.534	66.524	67.028	66.021	E[1]

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TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=68.06
- ▶ F104901.dat
- ▶ query=q2500.p1
- ▶ precursor=697.194740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
T	3	60.395	1161.313	1155.974	0.672	1155.638	T[3]
A	2	64.044	1177.913	1122.291	0.672	1121.965	A[2]
A	3	87.723	1103.952	1098.612	0.672	1098.276	A[3]
P	4	120.074	1080.273	1074.933	0.672	1074.597	P[4]
A	5	143.753	1047.922	1042.582	0.672	1042.246	A[5]
P	6	176.104	1024.241	1018.903	0.672	1018.567	P[6]
V	7	209.127	991.892	986.952	0.672	986.213	V[7]
E	8	252.141	959.959	953.529	0.672	953.193	E[8]
K	9	294.840	915.855	910.515	910.851	910.179	K[9]
S	10	350.906	873.156	867.817	868.153	867.481	S[10]
P	11	382.857	817.490	812.151	812.487	811.815	P[11]
A	12	406.536	785.139	779.800	780.136	779.464	A[12]
K	13	449.234	761.460	756.121	756.457	755.785	K[13]
R	14	491.932	738.762	713.423	713.758	713.087	R[14]
K	15	534.631	676.064	670.724	671.060	670.388	K[15]
T	16	568.313	633.365	628.026	628.362	627.690	T[16]
T	17	601.996	599.687	594.343	594.679	594.007	T[17]
K	18	644.694	566.000	560.661	560.997	560.325	K[18]
K	19	687.392	523.302	517.962	518.298	517.626	K[19]
A	20	711.071	480.604	475.264	475.600	474.928	A[20]
G	21	730.079	456.925	451.585	451.921	451.249	G[21]
A	22	753.758	437.917	432.578	432.914	432.242	A[22]
A	23	777.437	414.230	408.890	409.235	408.563	A[23]
K	24	820.135	390.550	385.210	385.546	384.874	K[24]
K	25	872.169	347.861	342.522	342.857	342.186	K[25]
R	26	914.867	296.921	290.488	290.824	290.152	R[26]
A	27	938.546	253.129	247.789	248.125	247.454	A[27]
T	28	972.220	229.450	224.110	224.446	223.775	T[28]
G	29	991.236	195.767	190.428	190.764	190.092	G[29]
P	30	1023.587	176.760	171.421	171.757	171.085	P[30]
P	31	1055.938	144.400	139.070	139.406	138.734	P[31]
V	32	1088.686	112.953	108.119	107.058	106.385	V[32]
S	33	1117.971	79.030	73.696	74.032	73.360	S[33]
E	34	1160.985	50.025	44.685	45.021	44.349	E[34]

sp | P43276 | H15_MOUSE

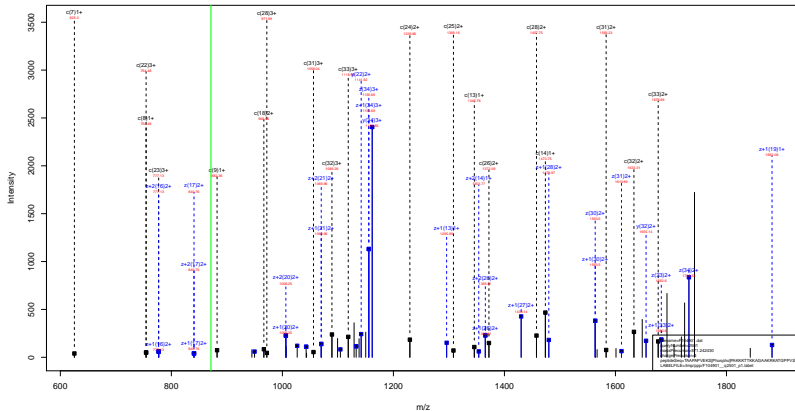
TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=68.06
- ▶ F104901.dat
- ▶ query=q2500_p1
- ▶ precursor=697.194740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
T	1	30.526	871.237	867.232	0.755	866.980	T	34
A	2	48.285	845.975	841.970	0.755	841.718	A	33
A	3	65.044	828.216	824.211	0.755	823.959	A	32
P	4	90.308	810.436	806.431	0.755	806.200	P	31
A	5	108.067	786.197	782.192	0.755	781.937	A	30
P	6	132.330	768.434	764.429	0.755	764.177	P	29
V	7	157.097	744.171	740.166	0.755	739.914	V	28
E	8	189.358	719.404	715.399	0.755	715.147	E	27
K	9	221.362	697.147	693.138	0.683	692.895	K	26
S	10	263.131	655.119	651.115	0.613	650.863	S	25
P	11	287.394	613.370	609.365	0.609	609.113	P	24
A	12	305.154	589.106	585.102	0.585	584.850	A	23
K	13	337.177	571.347	567.342	0.567	567.090	K	22
K	14	369.201	539.321	535.319	0.535	535.067	K	21
K	15	401.225	507.300	503.295	0.503	503.043	K	20
T	16	426.487	475.276	471.271	0.471	471.019	T	19
T	17	451.749	450.014	446.009	0.446	445.757	T	18
K	18	483.772	424.752	420.747	0.420	420.495	K	17
K	19	515.796	392.728	388.724	0.388	388.472	K	16
A	20	533.555	360.705	356.700	0.356	356.448	A	15
G	21	547.811	342.945	338.941	0.338	338.689	G	14
A	22	565.570	328.690	324.685	0.324	324.433	A	13
A	23	583.329	310.931	306.926	0.306	306.674	A	12
K	24	613.353	293.171	289.167	0.289	288.915	K	11
R	25	654.178	261.148	257.143	0.257	256.891	R	10
K	26	696.402	222.122	218.118	0.218	217.866	K	9
A	27	704.161	190.099	186.094	0.186	185.842	A	8
T	28	729.423	172.339	168.335	0.168	168.083	T	7
G	29	743.679	147.077	143.073	0.143	142.821	G	6
P	30	767.942	132.822	128.817	0.128	128.565	P	5
P	31	792.205	108.559	104.554	0.104	104.302	P	4
V	32	816.972	84.296	80.291	0.080	80.039	V	3
S	33	838.730	59.529	55.524	0.055	55.272	S	2
E	34	878.991	37.771	33.766	0.033	33.514	E	1

sp | P43276 | H15_MOUSE

TAAPAPVEKS ^{Phospho} PAKKKT_{79.97} TTKAGAAKRKATGPPVSE



sp | P43276 | H15_MOUSE

TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.70
- ▶ F104901.dat
- ▶ query=q2501_p1
- ▶ precursor=871.242430
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T13	119.082	1481.925	1465.967	0.000	1464.999	T14
A12	190.119	1380.878	1364.850	0.000	1363.851	A13
A13	261.156	1300.841	1293.822	0.000	1292.814	A14
F14	358.208	1238.804	1222.785	0.000	1221.777	F15
A15	429.246	1141.751	1125.732	0.000	1124.724	A16
P16	570.298	1070.714	1054.695	0.000	1053.687	P17
V17	625.307	2073.661	2057.642	0.000	2056.634	V18
E18	754.409	2074.592	2058.574	0.000	2057.566	E19
K19	882.504	2745.550	2729.531	2730.539	2728.523	K20
S10	1049.503	2617.455	2601.436	2602.444	2600.428	S25
F111	1146.555	2450.657	2434.638	2435.646	2433.630	F24
A112	1217.593	2353.604	2337.585	2338.593	2336.577	A23
K113	1345.688	2282.567	2266.548	2267.556	2265.540	K122
R14	1413.183	2154.672	2138.653	2139.661	2137.645	R21
K115	1601.577	2026.172	2010.158	2011.166	2009.150	K20
T116	1702.925	1898.082	1882.063	1883.071	1881.055	T10
T117	1803.973	1797.034	1781.015	1782.023	1780.006	T18
K118	1932.068	1695.989	1679.968	1680.976	1678.960	K17
K119	2060.163	1594.941	1578.923	1579.931	1577.915	K16
A120	2111.200	1439.797	1423.778	1424.786	1422.770	A15
G121	2188.221	1368.750	1352.741	1353.748	1351.733	G14
A122	2259.258	1311.738	1295.719	1296.727	1294.711	A13
A123	2330.296	1240.701	1224.682	1225.690	1223.674	A12
K124	2428.391	1169.664	1153.645	1154.653	1152.637	K11
R125	2614.492	1041.569	1025.550	1026.558	1024.542	R10
K126	2742.537	985.566	969.549	970.557	968.541	K19
A127	2813.624	877.573	861.554	862.562	860.546	A16
T128	2914.671	698.188	679.117	679.125	669.309	T17
G129	2971.693	585.288	569.269	570.277	568.261	G10
P130	3068.746	428.266	412.248	413.256	411.240	P15
P131	3185.798	431.214	415.195	416.203	414.187	P14
V132	3264.887	384.161	368.142	369.150	367.134	V19
S133	3351.899	278.092	262.074	263.082	261.066	S15
E134	3480.941	148.060	132.042	133.050	131.034	E11

sp | P43276 | H15_MOUSE

TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.70
- ▶ F104901.dat
- ▶ query=q2501_p1
- ▶ precursor=871.242430
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
T	1	60.044	1741.466	1733.457	0.504	1732.953	T[94]
A	2	65.263	1690.243	1682.933	0.504	1682.429	A[30]
A	3	131.682	1655.424	1647.415	0.504	1646.911	A[32]
F	4	179.608	1619.905	1611.896	0.504	1611.392	F[31]
A	5	218.126	1571.379	1563.370	0.504	1562.866	A[30]
F	6	263.651	1535.860	1527.851	0.504	1527.347	F[29]
V	7	313.167	1487.334	1479.325	0.504	1478.821	V[28]
E	8	377.898	1437.800	1429.791	0.504	1429.287	E[27]
R	9	441.758	1393.279	1385.269	1385.773	1384.765	R[24]
S	10	505.235	1349.231	1341.222	1341.726	1340.718	S[25]
F	11	573.761	1225.732	1217.723	1218.226	1217.219	F[24]
A	12	609.300	1177.206	1169.196	1169.700	1168.692	A[23]
R	13	673.247	1141.687	1133.678	1134.182	1133.174	R[22]
R	14	737.206	1077.539	1069.530	1070.134	1069.126	R[21]
R	15	801.442	1013.592	1005.583	1006.087	1005.079	R[20]
T	16	851.966	949.545	941.535	942.039	941.031	T[19]
T	17	902.490	899.021	891.011	891.515	890.507	T[18]
R	18	966.538	848.497	840.487	840.991	839.984	R[17]
R	19	1030.265	794.449	776.440	776.944	775.936	R[16]
A	20	1096.104	720.462	712.453	712.956	711.948	A[15]
G	21	1094.614	684.883	676.874	677.378	676.370	G[14]
A	22	1130.133	656.373	648.363	648.867	647.859	A[13]
A	23	1185.651	620.854	612.845	613.349	612.341	A[12]
R	24	1229.699	585.315	577.305	577.809	576.802	R[11]
R	25	1307.749	503.288	495.279	495.783	494.775	R[10]
R	26	1371.797	443.237	435.228	435.732	434.724	R[9]
A	27	1407.315	379.190	371.181	371.685	370.677	A[8]
T	28	1457.839	343.671	335.662	336.166	335.158	T[7]
G	29	1486.350	293.149	285.138	285.642	284.634	G[6]
F	30	1534.876	264.631	256.621	257.125	256.116	F[5]
F	31	1583.403	218.110	210.101	210.605	209.597	F[4]
V	32	1632.937	167.584	159.575	160.079	159.071	V[3]
S	33	1676.453	118.050	110.041	110.544	109.537	S[2]
E	34	1740.974	74.534	66.524	67.028	66.021	E[1]

sp | P43276 | H15_MOUSE

TAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.70
- ▶ F104901.dat
- ▶ query=q2501_p1
- ▶ precursor=871.242430
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
T	3	40.385	1161.313	1155.974	0.672	1155.638	T[9]
A	2	64.044	1137.631	1122.291	0.672	1121.955	A[33]
A	3	67.723	1103.952	1098.612	0.672	1098.276	A[32]
F	4	120.074	1080.273	1074.933	0.672	1074.597	F[31]
A	5	143.753	1047.922	1042.582	0.672	1042.246	A[30]
P	6	176.104	1024.243	1018.903	0.672	1018.567	P[29]
V	7	209.127	991.893	986.552	0.672	986.215	V[28]
E	8	252.141	958.800	953.529	0.672	953.193	E[27]
K	9	294.640	915.855	910.515	0.672	910.179	K[26]
S	10	350.506	873.159	867.817	0.672	867.481	S[25]
F	11	382.857	817.400	812.151	0.672	811.815	F[24]
A	12	406.536	785.130	779.800	0.672	779.464	A[23]
K	13	449.234	761.460	756.121	0.672	755.785	K[22]
R	14	493.932	718.762	713.423	0.672	713.087	R[21]
K	15	534.631	675.064	670.724	0.672	670.388	K[20]
T	16	568.313	633.365	628.026	0.672	627.690	T[19]
T	17	601.996	599.663	594.343	0.672	594.007	T[18]
K	18	644.694	566.000	560.661	0.672	560.325	K[17]
K	19	687.392	523.302	517.962	0.672	517.626	K[16]
A	20	711.071	489.604	479.264	0.672	478.928	A[15]
G	21	730.079	456.925	451.585	0.672	451.249	G[14]
A	22	753.758	437.917	432.578	0.672	432.242	A[13]
A	23	777.437	414.238	408.899	0.672	408.563	A[12]
K	24	820.135	390.559	385.220	0.672	384.884	K[11]
R	25	872.169	347.861	342.522	0.672	342.186	R[10]
K	26	914.867	295.823	290.484	0.672	290.148	K[9]
A	27	938.546	263.120	257.780	0.672	257.444	A[8]
T	28	972.229	229.450	224.110	0.672	223.774	T[7]
G	29	991.236	195.767	190.428	0.672	190.092	G[6]
F	30	1023.587	176.760	171.421	0.672	171.085	F[5]
P	31	1055.938	144.420	139.070	0.672	138.734	P[4]
V	32	1088.560	112.058	106.719	0.672	106.383	V[3]
S	33	1117.971	79.039	73.699	0.672	73.363	S[2]
E	34	1180.885	50.025	44.685	0.672	44.349	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTS GPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=80.43
- ▶ F104901.dat
- ▶ query=q2690_p1
- ▶ precursor=811.059060
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4051.241	4035.222	0.000	4034.215	S[41]
E	2	276.119	3022.195	3005.180	0.000	3005.172	E[42]
T	3	377.187	3793.156	3777.137	0.000	3776.120	T[39]
A	4	448.204	3692.108	3676.090	0.000	3675.082	A[38]
P	5	545.257	3021.071	3005.052	0.000	3004.045	P[37]
A	6	618.204	3024.018	3008.000	0.000	3007.992	A[36]
A	7	687.313	3452.981	3436.963	0.000	3435.955	A[35]
P	8	794.384	3381.944	3365.925	0.000	3364.918	P[34]
A	9	895.421	3384.901	3368.873	0.000	3367.865	A[33]
A	10	926.458	3213.854	3197.836	0.000	3196.828	A[32]
P	11	1023.511	3142.817	3126.798	0.000	3125.791	P[31]
A	12	1094.548	3026.784	3020.748	0.000	3020.739	A[30]
P	13	1191.600	3074.727	3058.709	0.000	3057.701	P[29]
A	14	1262.638	2877.674	2861.656	0.000	2860.648	A[28]
E	15	1361.680	2806.637	2790.619	0.000	2789.611	E[27]
K	16	1519.775	2877.595	2861.578	2662.584	2660.568	K[26]
T	17	1620.823	2549.560	2533.483	2434.489	2532.473	T[25]
P	18	1717.878	2448.625	2432.433	2433.444	2431.426	P[24]
V	19	1816.944	2351.399	2335.381	2336.388	2334.373	V[23]
K	20	1945.039	2252.331	2236.312	2237.320	2235.304	K[22]
K	21	2073.134	2124.236	2108.217	2109.225	2107.209	K[21]
K	22	2201.229	1996.141	1980.122	1981.130	1979.114	K[20]
A	23	2272.268	1868.046	1852.027	1853.035	1851.020	A[19]
R	24	2428.367	1797.020	1780.990	1781.998	1779.982	R[18]
K	25	2556.462	1640.908	1624.889	1625.897	1623.881	K[17]
A	26	2627.499	1512.813	1496.794	1497.802	1495.786	A[16]
A	27	2698.536	1441.776	1425.757	1426.765	1424.749	A[15]
G	28	2765.558	1370.739	1354.720	1355.728	1353.712	G[14]
G	29	2812.579	1313.711	1297.688	1298.696	1296.681	G[13]
A	30	2883.616	1256.696	1240.677	1241.685	1239.669	A[12]
K	31	3031.711	1185.659	1169.640	1170.648	1168.632	K[11]
R	32	3187.812	1057.564	1041.545	1042.553	1040.537	R[10]
K	33	3295.907	901.463	885.444	886.452	884.436	K[9]
T	34	3368.928	773.368	757.349	758.357	756.341	T[8]
S	35	3483.987	672.320	656.301	657.309	655.293	S[7]
G	36	3541.009	585.288	586.299	570.277	568.261	G[6]
P	37	3638.061	628.266	612.248	613.256	611.240	P[5]
P	38	3735.114	431.214	431.195	416.203	414.187	P[4]
V	39	3834.162	334.161	318.142	319.150	317.134	V[3]
S	40	3931.214	236.092	219.073	220.081	218.065	S[2]
E	41	4050.257	148.060	132.042	133.050	131.034	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=80.43
- ▶ F104901.dat
- ▶ query=q2690_p1
- ▶ precursor=811.059060
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.043	2026.124	2018.115	0.504	2017.611	S[41]
E	2	135.503	1961.603	1953.594	0.504	1953.090	E[42]
T	3	189.087	1897.082	1889.072	0.504	1888.568	T[30]
A	4	224.606	1646.558	1638.549	0.504	1638.044	A[38]
P	5	273.132	1811.039	1803.030	0.504	1802.526	P[37]
A	6	308.890	1762.313	1754.303	0.504	1753.800	A[36]
A	7	344.159	1726.994	1718.985	0.504	1718.481	A[35]
P	8	392.695	1691.476	1683.466	0.504	1682.962	P[34]
A	9	438.214	1642.949	1634.940	0.504	1634.436	A[33]
A	10	463.733	1607.431	1599.421	0.504	1598.917	A[32]
P	11	512.259	1571.912	1563.903	0.504	1563.399	P[31]
A	12	547.977	1532.395	1515.376	0.504	1514.872	A[30]
P	13	596.504	1487.867	1479.858	0.504	1479.354	P[29]
A	14	631.822	1449.341	1441.332	0.504	1440.828	A[28]
E	15	666.344	1403.822	1395.813	0.504	1395.309	E[27]
K	16	700.301	1339.301	1331.292	1331.796	1330.788	K[26]
T	17	810.815	1275.264	1267.244	1267.748	1266.740	T[25]
P	18	859.443	1224.735	1216.720	1217.224	1216.216	P[24]
V	19	908.976	1178.203	1168.194	1168.698	1167.690	V[23]
K	20	973.023	1128.669	1118.660	1119.164	1118.156	K[22]
K	21	1037.071	1082.623	1054.612	1055.116	1054.108	K[21]
K	22	1101.118	998.574	990.565	991.069	990.061	K[20]
A	23	1136.637	934.527	926.517	927.021	926.013	A[19]
R	24	1214.682	899.024	890.999	891.503	890.495	R[18]
K	25	1278.735	850.958	812.948	813.452	812.444	K[17]
A	26	1314.253	756.910	748.901	749.405	748.397	A[16]
A	27	1349.772	721.392	713.382	713.886	712.878	A[15]
G	28	1378.263	685.873	675.863	676.367	675.359	G[14]
G	29	1408.793	657.362	649.353	649.857	648.849	G[13]
A	30	1442.312	628.852	620.842	621.346	620.338	A[12]
K	31	1506.359	593.333	585.324	585.827	584.820	K[11]
R	32	1584.410	529.285	521.276	521.780	520.772	R[10]
K	33	1648.457	451.235	443.226	443.729	442.722	K[9]
T	34	1698.981	389.187	379.178	379.682	378.674	T[8]
S	35	1742.493	336.664	326.654	327.158	326.151	S[7]
G	36	1771.008	293.148	283.138	283.642	282.634	G[6]
P	37	1819.534	264.637	254.627	255.131	254.124	P[5]
P	38	1868.061	216.110	206.101	206.605	205.597	P[4]
V	39	1917.595	167.584	157.575	158.079	157.071	V[3]
S	40	1961.111	118.066	110.043	110.544	109.535	S[2]
E	41	2005.632	74.534	66.524	67.028	66.021	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=80.43
- ▶ F104901.dat
- ▶ query=q2690_p1
- ▶ precursor=811.059060
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1351.085	1345.746	0.672	1345.410	S[41]
E	2	92.711	1308.071	1302.731	0.672	1302.396	E[40]
T	3	126.394	1265.057	1259.717	0.672	1259.381	T[39]
A	4	150.073	1231.374	1226.035	0.672	1225.699	A[38]
W	5	184.424	1207.695	1202.356	0.672	1202.020	W[37]
A	6	208.193	1175.344	1170.005	0.672	1169.669	A[36]
A	7	229.782	1151.065	1146.326	0.672	1145.990	A[35]
P	8	262.133	1127.986	1122.647	0.672	1122.311	P[34]
A	9	285.812	1095.835	1090.296	0.672	1089.960	A[33]
A	10	309.491	1071.950	1066.617	0.672	1066.281	A[32]
P	11	341.242	1048.277	1042.938	0.672	1042.602	P[31]
A	12	365.921	1019.930	1010.587	0.672	1010.251	A[30]
P	13	397.872	992.241	986.808	0.672	986.572	P[29]
A	14	421.551	959.896	954.557	0.672	954.221	A[28]
E	15	464.565	936.217	930.878	0.672	930.542	E[27]
K	16	507.263	893.203	887.864	888.199	887.528	K[26]
T	17	540.946	850.505	845.165	845.501	844.829	T[25]
P	18	574.297	826.329	811.483	811.819	811.147	P[24]
V	19	606.320	784.471	779.132	779.468	778.796	V[23]
K	20	649.018	751.449	746.109	746.445	745.773	K[22]
K	21	691.716	708.750	703.411	703.747	703.075	K[21]
K	22	734.414	666.052	660.712	661.048	660.376	K[20]
A	23	758.094	623.354	618.014	618.350	617.678	A[19]
R	24	819.127	599.876	594.536	594.872	593.999	R[18]
R	25	852.826	547.641	542.301	542.637	541.965	R[17]
A	26	876.505	504.942	499.603	499.939	499.267	A[16]
A	27	900.184	461.263	475.924	476.260	475.588	A[15]
G	28	919.191	457.584	452.245	452.581	451.909	G[14]
G	29	938.198	438.577	433.238	433.574	432.902	G[13]
A	30	961.877	419.570	414.231	414.566	413.895	A[12]
K	31	1004.575	395.891	390.551	390.887	390.216	K[11]
R	32	1056.609	353.193	347.853	348.189	347.517	R[10]
K	33	1099.307	301.159	295.819	296.155	295.484	K[9]
T	34	1132.990	258.461	253.121	253.457	252.785	T[8]
S	35	1162.801	224.778	219.438	219.775	219.103	S[7]
G	36	1181.068	199.761	194.421	194.756	194.084	G[6]
P	37	1213.359	175.760	171.421	171.757	171.085	P[5]
P	38	1245.710	144.400	139.070	139.406	138.734	P[4]
V	39	1278.732	112.050	106.710	107.045	106.373	V[3]
S	40	1307.743	79.030	73.696	74.032	73.360	S[2]
E	41	1350.757	50.025	44.685	45.021	44.349	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=80.43
- ▶ F104901.dat
- ▶ query=q2690_p1
- ▶ precursor=811.059060
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.526	1013.566	1009.561	0.755	1009.309	S[41]
E	2	69.785	981.305	977.300	0.755	977.048	E[40]
T	3	95.047	949.044	945.040	0.755	944.788	T[39]
A	4	112.806	923.783	919.778	0.755	919.526	A[38]
P	5	137.070	906.023	902.019	0.755	901.761	P[37]
A	6	154.829	881.766	877.755	0.755	877.501	A[36]
A	7	172.588	864.001	859.996	0.755	859.744	A[35]
P	8	196.851	846.241	842.237	0.755	841.985	P[34]
A	9	214.611	821.979	817.974	0.755	817.722	A[33]
A	10	232.370	804.210	800.214	0.755	799.962	A[32]
P	11	256.633	786.460	782.455	0.755	782.203	P[31]
A	12	274.392	769.197	765.192	0.755	764.940	A[30]
P	13	298.656	744.431	740.433	0.755	740.181	P[29]
A	14	316.415	720.174	716.169	0.755	715.917	A[28]
E	15	348.675	702.415	698.410	0.755	698.158	E[27]
K	16	380.699	670.154	666.149	0.666	665.898	K[26]
T	17	405.961	648.130	634.126	0.634	633.874	T[25]
P	18	439.224	612.869	608.864	0.608	608.612	P[24]
V	19	454.991	588.005	584.001	584.853	584.349	V[23]
K	20	487.015	563.838	559.834	560.085	559.589	K[22]
K	21	519.039	531.814	527.810	528.062	527.556	K[21]
K	22	551.063	499.791	495.786	496.038	495.534	K[20]
A	23	568.822	487.767	483.762	484.014	483.510	A[19]
R	24	607.847	450.000	446.003	446.255	445.751	R[18]
R	25	639.871	410.982	406.976	407.230	406.726	R[17]
A	26	657.630	378.959	374.954	375.206	374.702	A[16]
A	27	675.390	361.199	357.195	357.447	356.941	A[15]
G	28	689.645	343.440	339.435	339.687	339.181	G[14]
G	29	703.900	329.185	325.180	325.432	324.926	G[13]
A	30	721.660	314.929	310.925	311.177	310.671	A[12]
K	31	753.683	297.170	293.165	293.417	292.913	K[11]
R	32	792.709	265.146	261.142	261.394	260.890	R[10]
K	33	824.732	226.121	222.116	222.368	221.864	K[9]
T	34	849.994	194.097	190.093	190.345	189.841	T[8]
S	35	877.252	166.835	164.831	165.083	164.579	S[7]
G	36	896.608	147.077	143.073	143.325	142.821	G[6]
P	37	910.271	132.822	128.817	129.069	128.565	P[5]
P	38	934.534	108.550	104.554	104.806	104.302	P[4]
V	39	959.301	84.290	80.291	80.543	80.039	V[3]
S	40	981.659	59.529	55.524	55.776	55.272	S[2]
E	41	1013.320	37.771	33.766	34.018	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.42
- ▶ F104901.dat
- ▶ query=q2712_p1
- ▶ precursor=825.271400
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.079	4122.303	4106.285	0.000	4105.277	S[42]
E	2	276.119	3993.261	3977.242	0.000	3976.234	E[41]
L	3	377.167	3684.218	3668.199	0.000	3667.192	L[40]
A	4	448.204	3763.175	3747.155	0.000	3746.148	A[39]
P	5	545.257	3692.133	3676.115	0.000	3675.107	P[38]
A	6	616.294	3595.081	3579.062	0.000	3578.054	A[37]
A	7	667.331	3524.044	3508.025	0.000	3507.017	A[36]
P	8	784.384	3453.000	3436.980	0.000	3435.980	P[35]
A	9	855.421	3355.954	3339.935	0.000	3338.927	A[34]
A	10	926.458	3284.917	3268.898	0.000	3267.890	A[33]
P	11	1023.513	3213.879	3197.861	0.000	3196.853	P[32]
A	12	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
P	13	1161.600	3045.790	3029.771	0.000	3028.763	P[30]
V	14	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1419.711	2849.686	2833.666	0.000	2832.642	E[28]
R	16	1647.808	2720.626	2704.607	0.000	2703.599	R[27]
L	17	1648.854	2592.533	2576.512	2577.520	2575.504	L[26]
P	18	1745.907	2491.483	2475.464	2476.472	2474.457	P[25]
V	19	1864.975	2394.430	2378.412	2379.419	2377.404	V[24]
R	20	1973.070	2295.362	2279.343	2280.351	2278.335	R[23]
R	21	2101.105	2187.287	2171.268	2152.250	2150.240	R[22]
R	22	2229.269	2039.174	2023.153	2004.141	2002.142	R[21]
A	23	2300.297	1911.077	1895.058	1896.066	1894.050	A[20]
R	24	2438.362	1840.040	1824.021	1825.029	1823.013	R[19]
R	25	2556.407	1711.945	1695.926	1696.934	1694.918	R[18]
T	26	2657.535	1583.850	1567.831	1568.839	1566.823	T[17]
T	27	2714.550	1482.802	1466.784	1467.791	1465.770	T[16]
A	28	2785.593	1425.783	1409.764	1410.770	1408.754	A[15]
A	29	2856.631	1354.744	1338.725	1339.733	1337.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
R	32	3112.784	1135.649	1119.630	1140.637	1138.621	R[11]
R	33	3268.885	1037.553	1011.534	1012.542	1010.527	R[10]
R	34	3396.982	971.522	955.503	956.511	954.495	R[9]
A	35	3468.017	743.351	727.330	728.346	726.330	A[8]
S	36	3535.049	672.320	656.301	657.309	655.293	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
P	38	3706.124	508.266	512.248	513.256	511.240	P[5]
P	39	3888.170	431.214	435.195	436.203	434.187	P[4]
V	40	3905.245	334.161	338.142	339.150	337.134	V[3]
S	41	3992.277	235.092	239.074	240.082	238.066	S[2]
E	42	4121.319	148.050	152.032	153.050	151.034	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.42
- ▶ F104901.dat
- ▶ query=q2712_p1
- ▶ precursor=825.271400
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E	2	138.563	1997.134	1889.125	0.504	1988.621	E[41]
T	3	189.087	1932.613	1924.603	0.504	1924.099	T[40]
A	4	224.606	1926.089	1874.080	0.504	1873.576	A[39]
P	5	293.133	1846.570	1828.561	0.504	1828.056	P[38]
A	6	358.650	1790.044	1790.035	0.504	1790.531	A[37]
A	7	344.169	1762.525	1754.516	0.504	1754.012	A[36]
F	8	392.695	1727.007	1718.997	0.504	1718.494	F[35]
A	9	428.214	1678.480	1670.471	0.504	1669.967	A[34]
A	10	463.733	1642.962	1634.953	0.504	1634.448	A[33]
P	11	532.259	1607.443	1599.434	0.504	1599.930	P[32]
A	12	547.777	1558.917	1550.908	0.504	1550.404	A[31]
P	13	596.304	1523.398	1515.389	0.504	1514.885	P[30]
V	14	645.830	1474.872	1466.863	0.504	1466.359	V[29]
E	15	710.359	1425.356	1417.348	0.504	1416.843	E[28]
R	16	774.887	1369.831	1361.822	1353.813	1353.308	R[27]
T	17	824.911	1296.769	1288.760	1289.264	1288.760	T[26]
F	18	873.457	1246.245	1238.236	1238.740	1237.732	F[25]
V	19	922.991	1197.719	1189.710	1190.213	1189.706	V[24]
K	20	987.039	1148.195	1140.185	1140.679	1139.671	K[23]
K	21	1051.066	1084.137	1076.128	1076.632	1075.624	K[22]
K	22	1115.134	1020.090	1012.080	1012.584	1011.576	K[21]
A	23	1150.652	956.042	948.033	948.537	947.529	A[20]
K	24	1214.700	920.524	912.514	913.018	912.010	K[19]
K	25	1278.747	856.476	848.467	848.971	847.963	K[18]
T	26	1329.271	792.429	784.419	784.923	783.915	T[17]
G	27	1327.892	743.905	735.895	736.389	735.381	G[16]
A	28	1393.300	713.394	705.385	705.889	704.881	A[15]
A	29	1428.819	677.876	669.866	670.370	669.362	A[14]
A	30	1464.337	642.357	634.348	634.852	633.844	A[13]
G	31	1492.848	606.839	598.830	599.333	598.325	G[12]
K	32	1556.896	576.328	570.318	570.822	569.814	K[11]
R	33	1634.946	514.800	506.791	507.295	506.287	R[10]
K	34	1698.994	486.280	478.270	478.774	477.766	K[9]
A	35	1734.512	372.182	364.173	364.677	363.669	A[8]
S	36	1778.028	336.664	328.654	329.158	328.150	S[7]
G	37	1806.539	291.140	283.130	283.642	282.634	G[6]
P	38	1855.065	264.617	256.607	257.111	256.103	P[5]
F	39	1903.592	238.110	230.101	230.605	229.597	F[4]
V	40	1953.126	167.584	159.575	160.079	159.071	V[3]
S	41	1996.642	118.050	110.041	110.544	109.537	S[2]
E	42	2061.161	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.42
- ▶ F104901.dat
- ▶ query=q2712_p1
- ▶ precursor=825.271400
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1374.773	1369.433	0.672	1369.097	S[42]
E	2	92.711	1331.750	1326.419	0.672	1326.083	E[41]
T	3	126.394	1288.744	1283.405	0.672	1283.069	T[40]
A	4	150.073	1258.766	1249.723	0.672	1249.360	A[39]
P	5	182.424	1231.383	1228.043	0.672	1225.707	P[38]
A	6	206.103	1199.032	1193.692	0.672	1193.356	A[37]
A	7	229.782	1175.363	1170.013	0.672	1169.677	A[36]
P	8	262.133	1151.674	1146.334	0.672	1145.990	P[35]
A	9	285.812	1119.323	1113.983	0.672	1113.647	A[34]
A	10	309.491	1359.644	1090.304	0.672	1089.956	A[33]
P	11	341.842	1071.905	1056.625	0.672	1056.289	P[32]
A	12	365.521	1039.614	1034.274	0.672	1033.938	A[31]
P	13	397.872	1015.935	1010.595	0.672	1010.259	P[30]
V	14	430.894	983.584	978.244	0.672	977.908	V[29]
E	15	473.909	950.363	945.221	0.672	944.885	E[28]
R	16	516.607	907.547	902.207	0.672	901.871	R[27]
T	17	550.290	864.848	859.509	0.672	859.173	T[26]
P	18	582.640	831.166	825.826	0.672	825.490	P[25]
V	19	615.663	798.815	793.475	0.672	793.139	V[24]
K	20	658.362	765.792	760.453	0.672	760.117	K[23]
K	21	701.060	723.094	717.754	0.672	717.418	K[22]
K	22	743.758	680.396	675.056	0.672	674.720	K[21]
A	23	787.437	637.697	632.358	0.672	632.022	A[20]
K	24	830.136	614.018	608.679	0.672	608.343	K[19]
K	25	872.834	571.320	565.980	0.672	565.644	K[18]
T	26	895.516	529.623	523.282	0.672	522.946	T[17]
G	27	905.524	494.930	489.590	0.672	489.254	G[16]
A	28	929.203	475.932	470.592	0.672	470.256	A[15]
A	29	952.882	452.253	446.913	0.672	446.577	A[14]
A	30	976.561	428.574	423.234	0.672	422.898	A[13]
G	31	995.568	404.895	399.555	0.672	399.219	G[12]
K	32	1038.266	385.888	380.548	0.672	380.212	K[11]
K	33	1090.300	342.180	337.850	0.672	337.514	K[10]
R	34	1132.596	291.159	285.818	0.672	285.482	R[9]
A	35	1156.677	245.457	243.118	0.672	242.782	A[8]
S	36	1185.688	224.778	219.439	0.672	219.103	S[7]
G	37	1204.695	195.767	190.428	0.672	190.092	G[6]
P	38	1237.046	176.760	171.421	0.672	171.085	P[5]
P	39	1257.397	144.400	139.070	0.672	138.734	P[4]
V	40	1302.420	132.954	128.719	0.672	128.383	V[3]
S	41	1331.430	75.030	73.690	0.672	73.354	S[2]
E	42	1374.445	50.025	44.685	0.672	44.349	E[1]

sp | P43277 | H13_MOUSE

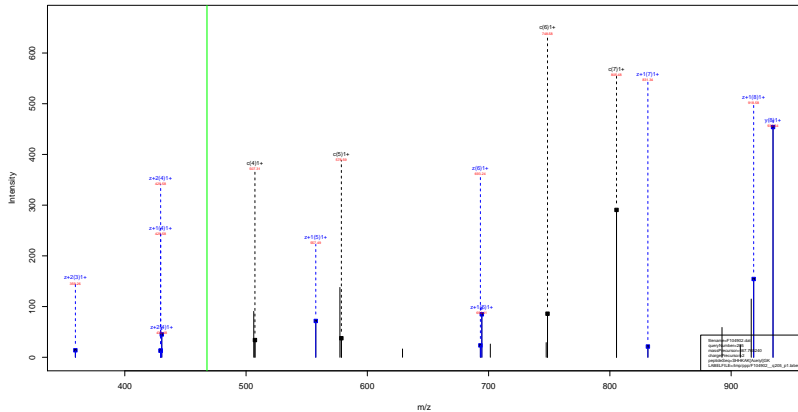
[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=58.42
- ▶ F104901.dat
- ▶ query=q2712_p1
- ▶ precursor=825.271400
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	37.525	1031.331	1027.327	0.755	1027.075	S[42]
E	2	69.785	995.071	995.066	0.755	994.814	E[41]
T	3	95.447	960.319	962.805	0.755	962.553	T[40]
A	4	112.506	945.540	937.543	0.755	937.291	A[39]
P	5	137.070	923.789	919.784	0.755	919.532	P[38]
A	6	154.829	899.520	895.521	0.755	895.269	A[37]
A	7	172.588	883.760	877.762	0.755	877.510	A[36]
P	8	190.851	864.007	860.002	0.755	859.750	P[35]
A	9	214.811	839.744	835.739	0.755	835.487	A[34]
A	10	232.570	824.985	817.980	0.755	817.728	A[33]
P	11	256.633	800.225	800.221	0.755	799.969	P[32]
A	12	274.392	779.969	775.967	0.755	775.705	A[31]
P	13	298.656	762.203	758.198	0.755	757.946	P[30]
V	14	323.423	737.940	733.935	0.755	733.683	V[29]
E	15	355.683	713.173	709.168	0.755	708.916	E[28]
K	16	387.707	689.913	676.807	677.159	676.951	K[27]
T	17	412.969	648.888	644.883	645.135	644.033	T[26]
P	18	437.232	623.620	619.622	619.874	619.370	P[25]
V	19	461.999	599.363	595.358	595.610	595.106	V[24]
K	20	494.023	574.590	570.591	570.843	570.339	K[23]
K	21	526.047	542.372	538.568	538.819	538.316	K[22]
K	22	558.070	510.948	508.344	508.796	508.292	K[21]
A	23	575.930	478.525	474.526	474.772	474.268	A[20]
K	24	607.894	460.705	456.701	457.013	456.509	K[19]
K	25	639.877	428.742	424.737	424.989	424.485	K[18]
T	26	665.139	396.718	392.713	392.965	392.461	T[17]
G	27	679.395	371.458	367.451	367.703	367.199	G[16]
A	28	697.154	367.201	353.196	353.448	352.944	A[15]
A	29	714.913	339.441	335.437	335.689	335.185	A[14]
A	30	732.672	321.682	317.677	317.929	317.425	A[13]
G	31	746.928	303.923	299.918	300.170	299.666	G[12]
K	32	778.951	289.667	285.663	285.915	285.411	K[11]
R	33	817.977	257.644	253.639	253.891	253.387	R[10]
K	34	850.001	218.618	214.614	214.866	214.362	K[9]
A	35	867.760	189.591	185.586	185.838	185.334	A[8]
S	36	889.518	168.835	164.831	165.083	164.579	S[7]
G	37	903.773	147.077	143.073	143.325	142.821	G[6]
P	38	928.036	132.822	128.817	129.069	128.565	P[5]
P	39	952.300	108.559	104.554	104.806	104.302	P[4]
V	40	977.067	84.290	80.291	80.543	80.039	V[3]
S	41	999.826	69.528	65.524	65.776	65.272	S[2]
E	42	1031.085	37.771	33.766	34.018	33.514	E[1]

sp | P22752 | H2A1_MOUSE

SHHKAK Acetyl GK
42.01



sp | P22752 | H2A1_MOUSE

SHHKAK^{Acetyl} GK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.20
- ▶ F104902.dat
- ▶ query=q205_p1
- ▶ precursor=467.765240
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	934.522	918.503	0.000	917.499	S[8]
H[2]	242.125	947.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
R[6]	748.421	374.240	358.221	359.229	357.213	R[3]
G[7]	805.443	204.134	188.116	189.123	187.108	G[2]
R[8]	933.538	147.113	131.094	132.102	130.086	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.65
- ▶ F104902.dat
- ▶ query=q2179_p1
- ▶ precursor=849.176750
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2545.502	2529.463	0.000	2528.478	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	368.199	2389.438	2343.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.200	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	864.475	1776.063	1765.064	1761.072	1759.056	G[16]
L[10]	957.559	1719.061	1703.043	1704.050	1702.035	L[15]
G[11]	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.961	1404.842	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.755	1306.818	1295.799	1291.807	1289.791	A[10]
R[16]	1459.850	1238.781	1219.762	1220.770	1218.754	R[9]
R[17]	1611.951	1107.685	1051.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.399	K[5]
V[21]	2180.306	502.298	486.280	487.287	485.272	V[4]
L[22]	2273.390	403.230	387.211	388.219	386.203	L[3]
R[23]	2429.491	280.146	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

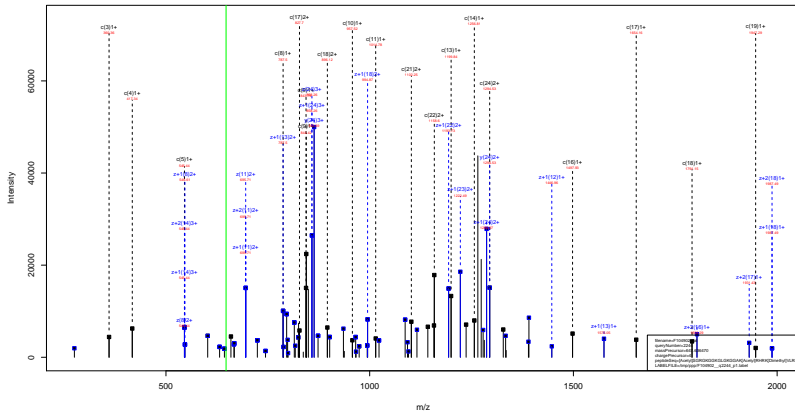
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.65
- ▶ F104902.dat
- ▶ query=q2179_p1
- ▶ precursor=849.176750
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G	2	102.553	1238.733	1200.724	0.504	1200.220	G[23]
R	3	180.603	1180.222	1172.213	1172.717	1171.709	R[22]
G	4	269.114	1102.172	1064.163	1054.661	1093.659	G[21]
K	5	273.161	1073.062	1055.052	1006.155	1065.148	K[20]
G	6	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	330.183	961.103	973.094	973.596	972.590	G[18]
K	8	394.230	952.592	944.583	945.087	944.079	K[17]
G	9	422.741	888.545	880.536	881.040	880.032	G[16]
L	10	479.293	860.036	852.027	852.529	851.521	L[15]
G	11	507.794	803.492	795.483	795.987	794.979	G[14]
K	12	571.841	774.982	766.972	767.476	766.468	K[13]
G	13	600.352	710.934	702.925	703.429	702.421	G[12]
G	14	628.863	682.423	674.414	674.918	673.910	G[11]
A	15	664.361	653.913	645.903	646.407	645.399	A[10]
R	16	702.409	618.398	610.389	610.893	609.885	R[9]
R	17	806.479	554.341	546.331	546.841	545.833	R[8]
H	18	875.009	476.200	468.191	468.701	467.783	H[7]
R	19	953.059	407.767	399.757	400.261	399.253	R[6]
K	20	1031.122	329.716	321.707	322.211	321.203	K[5]
V	21	1087.667	251.662	243.653	244.147	243.140	V[4]
L	22	1117.199	202.112	194.103	194.613	193.605	L[3]
R	23	1215.248	145.577	137.567	138.071	137.063	R[2]
D	24	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=152.26
- ▶ F104902.dat
- ▶ query=q2244_p1
- ▶ precursor=647.636470
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G[2]	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	360.199	2401.440	2385.430	2388.438	2384.422	R[22]
G[4]	417.220	2249.340	2229.330	2230.337	2228.321	G[21]
K[5]	545.315	2188.320	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.217	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.181	G[18]
K[8]	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.083	1802.075	1803.082	1801.067	G[16]
L[10]	957.559	1761.072	1745.063	1746.061	1744.045	L[15]
Q[11]	1014.580	1647.988	1631.980	1632.977	1630.961	Q[14]
K[12]	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.821	G[11]
A[15]	1327.755	1348.828	1332.810	1333.818	1331.803	A[10]
R[16]	1407.861	1277.791	1261.773	1262.780	1260.765	R[9]
R[17]	1653.962	1107.688	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.406	643.414	641.398	K[5]
V[21]	2202.217	502.300	486.280	487.287	485.272	V[4]
L[22]	2315.403	463.179	447.161	448.169	446.153	L[3]
R[23]	2471.502	290.146	274.127	275.135	273.119	R[2]
D[24]	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=152.26
- ▶ F104902.dat
- ▶ query=q2244_p1
- ▶ precursor=647.636470
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1201.228	1193.219	1193.723	1192.715	R[22]
G[4]	269.114	1123.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.161	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	861.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.361	674.918	666.908	667.412	666.405	A[10]
R[16]	789.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.341	546.337	546.841	545.833	R[8]
H[18]	896.014	476.200	468.187	468.701	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.126	329.716	321.707	322.211	321.203	K[5]
V[21]	1181.662	251.663	243.653	244.147	243.140	V[4]
L[22]	1158.204	202.119	194.108	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

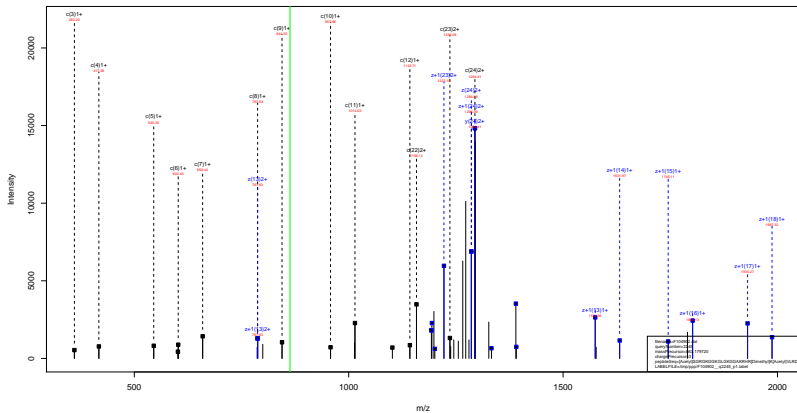
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=152.26
- ▶ F104902.dat
- ▶ query=q2244.p1
- ▶ precursor=647.636470
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	58.704	820.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	602.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.355	582.691	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.146	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) K (Acetyl) VLRD
 (28.03) (42.01)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^(Dimethyl)K ^(Acetyl)VLRD
(28.03) (42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.49
- ▶ F104902.dat
- ▶ query=q2245_p1
- ▶ precursor=863.179720
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2587.513	2571.494	0.000	2570.488	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	366.199	3401.449	3385.430	2386.438	2384.422	R[22]
G	4	417.220	2345.348	2329.329	2230.337	2228.321	G[21]
K	5	545.315	2188.536	2172.507	2173.515	2171.500	K[20]
G	6	602.337	2090.291	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	937.559	1781.072	1745.053	1746.061	1744.045	L[15]
G	11	1014.580	1647.985	1631.969	1632.977	1630.961	G[14]
R	12	1142.675	1590.966	1574.948	1575.955	1573.940	R[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.755	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1405.850	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1611.951	1149.696	1133.678	1134.685	1132.670	R[8]
H	18	1749.010	993.595	977.577	978.584	976.569	H[7]
R	19	1933.143	856.530	840.518	841.525	839.510	R[6]
R	20	2103.248	672.404	656.385	657.393	655.377	R[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2335.401	403.230	387.213	388.219	386.203	L[3]
D	23	2471.502	299.146	283.127	284.134	282.118	D[2]
D	24	2586.529	194.045	178.026	179.034	177.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^(Dimethyl) K ^(Acetyl) VLRD
(28.03) (42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.49
- ▶ F104902.dat
- ▶ query=q2245_p1
- ▶ precursor=863.179720
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.092	1294.260	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1201.228	1193.219	1193.723	1192.715	R[22]
G[4]	269.114	1123.177	1115.168	1115.672	1114.663	G[21]
R[5]	357.163	1044.661	1036.657	1037.161	1036.151	R[20]
G[6]	351.672	1030.615	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.589	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.283	881.040	873.033	873.536	872.528	L[15]
G[11]	507.794	824.495	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.361	674.918	666.908	667.412	666.405	A[10]
R[16]	728.429	639.399	631.393	631.894	630.886	R[9]
R[17]	806.479	575.352	567.342	567.846	566.839	R[8]
H[18]	875.009	497.301	489.292	489.796	488.789	H[7]
R[19]	967.075	426.772	420.762	421.266	420.259	R[6]
K[20]	1052.178	336.706	328.696	329.200	328.193	K[5]
V[21]	1101.662	251.953	243.943	244.447	243.440	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.064	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl}_{28.03} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=94.91
- ▶ F104902.dat
- ▶ query=q2297_p1
- ▶ precursor=654.644070
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2615.544	2599.525	0.000	2598.518	S[24]
G	2	204.098	2486.501	2470.483	0.000	2469.475	G[23]
R	3	388.230	2420.480	2413.463	2414.469	2412.453	R[22]
G	4	445.292	2345.340	2229.320	2230.327	2228.311	G[21]
K	5	573.347	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	630.368	2060.231	2044.210	2045.220	2043.205	G[19]
G	7	647.390	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	815.485	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	872.506	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	685.599	1783.072	1748.053	1749.061	1744.043	L[15]
G	11	1042.612	1647.985	1631.969	1632.977	1630.961	G[14]
K	12	1170.707	1590.969	1574.948	1575.955	1573.940	K[13]
G	13	1227.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1284.749	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1355.787	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1525.882	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1681.993	1107.680	1091.667	1092.675	1090.659	R[8]
H	18	1819.052	951.585	935.566	936.574	934.558	H[7]
R	19	1975.153	814.526	798.507	799.515	797.499	R[6]
K	20	2131.280	658.425	642.405	643.414	641.398	K[5]
V	21	2230.348	502.298	486.280	487.287	485.272	V[4]
L	22	2343.432	403.230	387.211	388.219	386.203	L[3]
R	23	2499.533	290.140	274.127	275.135	273.119	R[2]
D	24	2614.590	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl}_{28.03} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=94.91
- ▶ F104902.dat
- ▶ query=q2297_p1
- ▶ precursor=654.644070
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1308.276	1300.266	0.504	1299.762	S 24
G 2	102.553	1243.754	1235.745	0.504	1235.241	G 23
R 3	194.619	1215.244	1207.234	1207.738	1209.730	R 22
G 4	229.130	1123.177	1115.168	1115.072	1114.564	G 21
K 5	267.177	1094.661	1086.657	1087.161	1086.153	K 20
G 6	315.688	1030.619	1022.610	1023.114	1022.106	G 19
G 7	344.199	1002.108	994.099	994.603	993.595	G 18
K 8	408.246	973.590	965.588	966.092	965.084	K 17
G 9	436.257	909.550	901.541	902.045	901.037	G 16
L 10	493.299	881.040	873.030	873.534	872.526	L 15
G 11	531.809	824.498	816.488	816.992	815.984	G 14
K 12	585.857	795.987	787.977	788.481	787.474	K 13
G 13	614.368	731.939	723.930	724.434	723.426	G 12
G 14	642.878	703.429	695.419	695.923	694.915	G 11
A 15	698.927	674.918	666.908	667.412	666.405	A 10
R 16	763.450	639.399	631.390	631.894	630.886	R 9
R 17	841.500	554.347	546.337	546.841	545.833	R 8
H 18	916.030	476.296	468.287	468.791	467.783	H 7
R 19	988.080	407.767	399.757	400.261	399.253	R 6
K 20	1066.143	329.746	321.737	322.241	321.233	K 5
V 21	1115.678	252.693	244.683	244.187	243.180	V 4
L 22	1172.220	202.119	194.109	194.613	193.605	L 3
R 23	1250.270	145.577	137.567	138.071	137.063	R 2
D 24	1307.784	67.526	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl}_{28.03} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=94.91
- ▶ F104902.dat
- ▶ query=q2297_p1
- ▶ precursor=654.644070
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	872.520	867.180	0.672	866.844	S[24]
G[2]	58.704	329.905	824.166	0.672	823.830	G[23]
R[3]	130.082	810.498	805.159	805.495	804.023	R[22]
G[4]	149.089	749.121	743.781	744.117	743.445	G[21]
K[5]	191.787	730.114	724.774	725.110	724.438	K[20]
G[6]	210.794	687.415	682.076	682.412	681.740	G[19]
G[7]	229.801	668.408	663.069	663.404	662.733	G[18]
K[8]	272.500	649.401	644.061	644.397	643.725	K[17]
G[9]	281.307	636.793	631.353	631.689	631.027	G[16]
L[10]	329.202	687.695	582.356	582.692	582.020	L[15]
G[11]	348.209	550.001	544.661	544.997	544.325	G[14]
K[12]	390.907	530.994	525.654	525.990	525.318	K[13]
G[13]	409.914	488.295	482.956	483.292	482.620	G[12]
G[14]	428.921	469.288	463.949	464.285	463.613	G[11]
A[15]	452.600	450.281	444.941	445.277	444.605	A[10]
K[16]	509.302	426.602	421.262	421.598	420.926	K[9]
R[17]	561.186	369.900	364.561	364.896	364.225	R[8]
H[18]	607.022	317.896	312.527	312.863	312.191	H[7]
R[19]	659.056	272.180	266.841	267.176	266.505	R[6]
K[20]	711.098	220.140	214.807	215.143	214.471	K[5]
V[21]	744.121	168.104	162.765	163.101	162.429	V[4]
L[22]	781.816	135.082	129.742	130.078	129.406	L[3]
R[23]	833.849	97.387	92.047	92.383	91.711	R[2]
D[24]	872.192	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=82.24
- ▶ F104902.dat
- ▶ query=q23222_p1
- ▶ precursor=658.885980
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P	115.087	2032.514	2018.495	0.000	2015.485	P25
E	244.129	2535.462	2519.443	0.000	2519.435	E24
P	341.182	2906.418	2390.400	0.000	2389.393	P23
A	412.219	2309.366	2293.348	0.000	2292.340	A22
K	5	540.314	2238.329	2222.311	2223.318	K21
S	6	627.346	2110.234	2094.216	2095.223	S20
A	7	697.383	2023.202	2007.184	2008.191	A19
P	8	795.436	1952.166	1936.148	1937.154	P18
A	9	866.473	1855.112	1839.094	1840.101	A17
P	10	963.526	1784.075	1768.057	1769.064	P16
K	11	1091.621	1687.022	1671.004	1672.012	K15
K	12	1261.726	1558.928	1542.909	1543.917	K14
G	13	1318.748	1388.822	1372.803	1373.811	G13
S	14	1408.780	1331.801	1315.782	1316.790	S12
K	15	1533.875	1244.768	1228.750	1229.758	K11
K	16	1601.970	1118.674	1100.655	1101.663	K10
A	17	1733.007	988.579	972.560	973.568	A10
V	18	1832.075	917.541	901.523	902.531	V18
T	19	1933.123	818.472	802.454	803.462	T17
R	20	2059.218	717.425	701.407	702.414	R16
A	21	2132.255	589.330	573.312	574.320	A15
Q	22	2260.314	518.293	502.275	503.282	Q14
K	23	2388.409	400.235	374.216	375.224	K13
K	24	2516.504	282.140	246.121	247.129	K12
D	25	2631.530	134.045	118.028	119.034	D11

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=82.24
- ▶ F104902.dat
- ▶ query=q2322_p1
- ▶ precursor=658.885980
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
F	1	58.047	1316.761	1308.752	0.504	1308.248	P[25]
E	3	122.508	1288.238	1260.225	0.504	1259.721	E[24]
F	3	171.095	1203.713	1195.708	0.504	1195.200	F[23]
A	4	208.613	1155.187	1147.177	0.504	1146.674	A[22]
K	5	270.681	1119.668	1111.659	1112.163	1111.155	K[21]
S	6	314.177	1055.621	1047.611	1048.115	1047.107	S[20]
A	7	349.695	1012.105	1004.095	1004.599	1003.591	A[19]
F	8	388.222	978.589	968.577	969.081	968.673	F[18]
A	9	433.740	928.065	920.050	920.554	919.547	A[17]
F	10	482.267	892.541	884.532	885.036	884.029	F[16]
K	11	546.314	844.015	836.006	836.509	835.502	K[15]
K	12	631.367	779.967	771.958	772.462	771.454	K[14]
C	13	659.878	694.915	686.905	687.409	686.401	C[13]
S	14	701.394	656.804	658.305	658.809	657.801	S[12]
K	15	767.441	622.888	614.879	615.382	614.375	K[11]
K	16	831.488	558.840	550.831	551.335	550.327	K[10]
A	17	867.007	494.793	486.784	487.287	486.280	A[9]
V	18	916.541	459.274	451.265	451.769	450.761	V[8]
T	19	967.065	409.746	401.737	402.239	401.227	T[7]
K	20	1031.113	359.215	351.207	351.711	350.703	K[6]
A	21	1066.631	295.169	287.159	287.663	286.656	A[5]
Q	22	1130.660	259.650	251.641	252.145	251.137	Q[4]
K	23	1194.708	195.621	187.612	188.116	187.108	K[3]
K	24	1258.750	131.574	123.564	124.068	123.060	K[2]
D	25	1318.280	67.526	59.517	60.021	59.013	D[1]

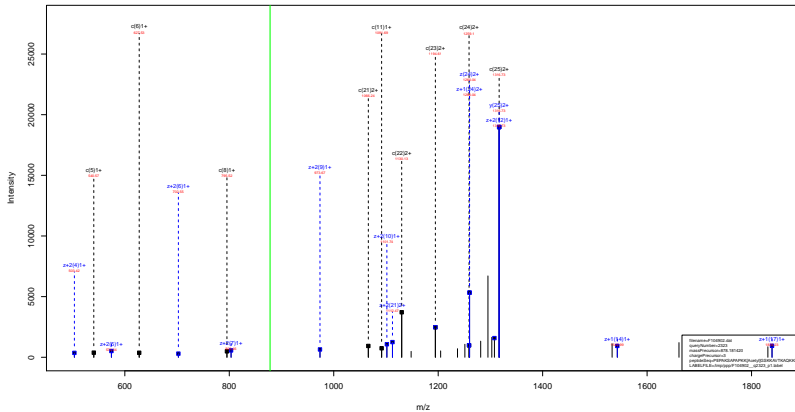
sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=82.24
- ▶ F104902.dat
- ▶ query=q2322_p1
- ▶ precursor=658.885980
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[3]	39.034	878.176	872.837	0.672	872.501	P[25]
E[2]	82.048	845.825	840.486	0.672	840.150	E[24]
P[3]	114.399	802.811	797.472	0.672	797.135	P[23]
A[4]	138.078	770.460	765.121	0.672	764.785	A[22]
K[5]	180.776	746.781	741.442	741.778	741.156	K[21]
S[6]	209.737	724.083	698.743	699.079	698.407	S[20]
A[7]	233.466	675.072	669.733	670.069	669.397	A[19]
P[8]	265.817	651.393	646.054	646.390	645.718	P[18]
A[9]	289.496	619.042	613.703	614.039	613.367	A[17]
P[10]	321.847	595.363	590.024	590.360	589.688	P[16]
K[11]	364.545	563.012	557.673	558.009	557.337	K[15]
K[12]	421.247	520.314	514.974	515.310	514.639	K[14]
G[13]	440.254	493.612	488.273	488.609	487.937	G[13]
S[14]	469.265	444.605	439.265	439.601	438.930	S[12]
K[15]	511.963	415.594	410.255	410.591	409.919	K[11]
K[16]	554.051	372.896	367.556	367.892	367.221	K[10]
A[17]	578.140	330.196	324.856	325.194	324.522	A[9]
V[18]	611.363	306.519	301.179	301.515	300.843	V[8]
T[19]	645.046	273.496	268.156	268.492	267.820	T[7]
K[20]	687.744	239.813	234.474	234.810	234.138	K[6]
A[21]	711.423	197.113	191.773	192.111	191.439	A[5]
Q[22]	754.109	173.436	168.096	168.432	167.760	Q[4]
K[23]	796.808	130.750	125.410	125.746	125.074	K[3]
K[24]	839.506	88.051	82.712	83.048	82.376	K[2]
D[25]	877.848	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE
 PEPAKSAPAPKK Acetyl GSKKAVTKAQKKD
 42.01



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.32
- ▶ F104902.dat
- ▶ query=q23223_p1
- ▶ precursor=878.181420
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P	115.087	2032.514	2018.495	0.000	2015.485	P25
E	244.129	2535.462	2519.443	0.000	2519.435	E24
P	341.182	2906.415	2390.400	0.000	2389.393	P23
A	412.219	2309.366	2293.348	0.000	2292.340	A22
K	5	540.314	2238.329	2222.311	2223.318	K21
S	6	627.346	2110.234	2094.216	2095.223	S20
A	7	696.383	2023.202	2007.184	2008.191	A19
P	8	795.436	1952.166	1936.148	1937.154	P18
A	9	866.473	1855.112	1839.094	1840.101	A17
P	10	963.526	1784.075	1768.057	1769.064	P16
K	11	1091.621	1687.022	1671.004	1672.012	K15
K	12	1261.726	1558.928	1542.909	1543.917	K14
G	13	1318.748	1388.822	1372.803	1373.811	G13
S	14	1409.780	1331.801	1315.782	1316.790	S12
K	15	1533.875	1244.765	1228.750	1229.758	K11
K	16	1661.970	1158.674	1140.655	1101.663	K10
A	17	1733.007	988.579	972.560	973.568	A09
V	18	1832.075	917.541	901.523	902.531	V08
T	19	1933.123	818.472	802.454	803.462	T07
H	20	2091.218	717.425	701.407	702.414	H06
A	21	2132.255	588.330	573.312	574.320	A05
Q	22	2260.314	518.293	502.275	503.282	Q04
K	23	2388.409	460.235	374.216	375.224	K03
K	24	2516.504	282.140	246.121	247.129	K02
D	25	2631.530	134.045	118.028	119.034	D01

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.32
- ▶ F104902.dat
- ▶ query=q2323_p1
- ▶ precursor=878.181420
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P1	58.047	1316.761	1308.752	0.504	1308.248	P25
E2	122.508	1288.278	1260.225	0.504	1259.721	E24
F3	171.095	1203.711	1195.708	0.504	1195.260	F23
A4	206.613	1155.187	1147.177	0.504	1146.674	A22
K5	270.601	1110.668	1111.650	1112.163	1111.155	K21
S6	314.177	1055.621	1047.611	1048.115	1047.107	S20
A7	349.695	1012.105	1004.085	1004.599	1003.591	A19
F8	388.222	976.589	968.577	969.081	968.071	F18
A9	433.740	928.062	920.050	920.554	919.547	A17
P10	482.267	892.541	884.532	885.036	884.028	P16
K11	546.314	844.015	836.006	836.509	835.502	K15
K12	631.367	779.967	771.958	772.462	771.454	K14
C13	659.878	694.915	686.903	687.409	686.401	C12
S14	703.394	656.824	658.395	658.898	657.891	S12
K15	767.441	622.888	614.879	615.382	614.375	K11
K16	831.488	558.840	550.831	551.335	550.327	K10
A17	867.027	494.793	486.784	487.287	486.280	A9
V18	916.541	459.274	451.265	451.769	450.761	V8
T19	967.068	409.746	401.731	402.235	401.227	T17
K20	1031.113	359.215	351.207	351.711	350.703	K6
A21	1066.631	295.169	287.159	287.663	286.656	A5
Q22	1130.660	259.650	251.641	252.145	251.137	Q4
K23	1194.708	195.621	187.612	188.116	187.108	K3
K24	1258.755	131.374	123.364	124.868	123.860	K2
D25	1316.269	67.526	59.517	60.021	59.013	D1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKKGSKKAVTK ^{Acetyl} 42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.43
- ▶ F104902.dat
- ▶ query=q2345_p1
- ▶ precursor=882.852220
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
P	1	115.087	2648.530	2630.511	0.000	2679.504	F	25
D	2	230.114	2549.477	2533.450	0.000	2532.451	D	24
P	3	327.166	2434.450	2418.432	0.000	2417.424	F	23
A	4	398.203	2337.398	2321.370	0.000	2320.371	A	22
K	5	528.238	2206.361	2250.342	2251.350	2249.334	K	21
S	6	613.330	2138.266	2122.247	2123.255	2121.239	S	20
A	7	659.354	2031.234	2035.212	2038.223	2034.207	A	19
P	8	781.420	1988.190	1964.170	1965.186	1963.170	F	18
A	9	852.457	1883.144	1867.125	1868.133	1866.117	A	17
P	10	949.510	1812.107	1796.088	1797.096	1795.080	F	16
K	11	1077.605	1715.054	1699.035	1700.043	1698.027	K	15
K	12	1205.700	1586.959	1570.940	1571.948	1569.932	K	14
G	13	1262.722	1458.864	1442.845	1443.853	1441.837	G	13
S	14	1349.754	1401.842	1385.824	1388.831	1384.816	S	12
K	15	1477.849	1314.810	1298.792	1299.799	1297.784	K	11
K	16	1605.944	1186.715	1170.697	1171.705	1169.689	K	10
A	17	1676.981	1058.620	1042.602	1043.610	1041.594	A	9
V	18	1776.049	987.583	971.565	972.572	970.557	V	8
T	19	1877.097	888.515	872.496	873.504	871.488	T	7
K	20	2047.202	787.467	771.449	772.456	770.441	K	6
V	21	2148.271	617.362	601.343	602.351	600.335	V	5
Q	22	2274.329	518.293	502.275	503.282	501.267	Q	4
K	23	2402.424	390.235	374.216	375.224	373.208	K	3
K	24	2530.519	262.140	246.121	247.129	245.113	K	2
D	25	2646.546	134.045	118.026	119.034	117.018	D	1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} 42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.43
- ▶ F104902.dat
- ▶ query=q2345_p1
- ▶ precursor=882.852220
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1323.769	1315.759	0.504	1315.255	P[25]
D	3	115.569	1279.242	1267.233	0.504	1266.729	D[3]
F	3	194.097	1217.725	1209.719	0.504	1209.219	F[3]
A	4	199.605	1169.202	1161.193	0.504	1160.689	A[22]
K	5	263.653	1131.684	1125.675	1126.178	1125.171	K[21]
S	6	307.169	1059.639	1061.627	1062.131	1061.123	S[20]
A	7	342.697	1026.120	1018.111	1018.615	1017.607	A[19]
T	8	391.214	999.602	992.592	993.096	992.089	T[18]
A	9	426.732	942.075	934.066	934.570	933.562	A[17]
P	10	475.259	906.557	898.548	899.051	898.044	P[16]
K	11	539.306	858.031	850.021	850.525	849.517	K[15]
K	12	603.354	793.983	785.974	786.478	785.470	K[14]
C	13	631.864	759.936	751.928	752.430	751.422	C[13]
S	14	675.380	703.825	695.815	696.319	695.312	S[12]
K	15	739.428	657.905	649.899	650.403	649.396	K[11]
K	16	803.475	593.861	585.852	586.356	585.348	K[10]
A	17	838.994	529.814	521.804	522.308	521.301	A[9]
V	18	888.526	494.295	486.286	486.790	485.782	V[8]
T	19	939.052	444.761	436.752	437.256	436.248	T[7]
K	20	1024.105	394.237	386.228	386.732	385.724	K[6]
V	21	1073.639	309.184	301.175	301.679	300.671	V[5]
Q	22	1137.668	259.656	251.641	252.145	251.137	Q[4]
K	23	1201.716	195.621	187.612	188.116	187.108	K[3]
K	24	1285.763	131.574	123.564	124.068	123.060	K[2]
D	25	1323.277	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho} GRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}
79.97 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=74.22
- ▶ F104902.dat
- ▶ query=q2374_p1
- ▶ precursor=534.303430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	227.643	2607.479	2651.460	0.000	2650.453	S[24]
G	2	284.064	2458.470	2442.451	0.000	2441.444	G[23]
R	3	440.106	2620.440	2385.430	2386.438	2384.422	R[22]
G	4	497.187	2345.340	2229.330	2230.337	2228.321	G[21]
K	5	625.282	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	682.303	2060.231	2044.210	2045.220	2043.205	G[19]
G	7	739.325	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	867.420	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	924.441	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	1037.525	1763.072	1748.053	1749.061	1744.043	L[15]
G	11	1094.547	1647.985	1631.969	1632.977	1630.961	G[14]
K	12	1222.642	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1279.663	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1336.685	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1467.722	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1577.827	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1733.928	1107.680	1091.667	1092.675	1090.659	R[8]
H	18	1870.987	951.585	935.566	936.574	934.558	H[7]
R	19	2027.088	814.526	798.507	799.515	797.499	R[6]
K	20	2183.215	658.425	642.406	643.414	641.398	K[5]
V	21	2262.283	502.298	486.280	487.287	485.272	V[4]
L	22	2399.387	403.230	387.211	388.219	386.203	L[3]
R	23	2531.468	290.146	274.127	-75.135	273.110	R[2]
D	24	2666.495	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAK Acetyl_{42.01} RHRK Dimethyl_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=74.22
- ▶ F104902.dat
- ▶ query=q2374_p1
- ▶ precursor=534.303430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	144.625	1334.243	1156.234	0.504	1329.730	S[24]
G	2	142.536	1229.739	1221.729	0.504	1221.225	G[23]
K	3	230.566	1201.229	1193.219	1193.723	1192.715	K[22]
G	4	249.997	1123.177	1115.168	1115.672	1114.664	G[21]
K	5	313.149	1094.667	1086.657	1087.161	1086.153	K[20]
G	6	341.655	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	370.166	1002.108	994.099	994.603	993.595	G[18]
K	8	434.213	973.599	965.588	966.092	965.084	K[17]
G	9	462.724	909.546	901.541	902.045	901.037	G[16]
L	10	519.266	893.040	871.929	873.934	872.926	L[15]
G	11	587.777	824.488	816.488	816.992	815.984	G[14]
K	12	611.824	795.987	787.977	788.481	787.474	K[13]
G	13	640.335	731.939	723.930	724.434	723.426	G[12]
G	14	668.846	693.429	695.419	695.923	694.915	G[11]
A	15	704.364	674.918	665.908	667.412	666.404	A[10]
R	16	729.417	639.399	631.390	631.894	630.886	R[9]
R	17	867.468	554.347	546.337	546.841	545.833	R[8]
H	18	935.997	476.296	468.287	468.791	467.783	H[7]
R	19	1014.048	407.767	399.757	400.261	399.253	R[6]
K	20	1092.111	329.716	321.707	322.211	321.203	K[5]
V	21	1141.645	251.663	243.653	244.157	243.149	V[4]
L	22	1198.187	202.119	194.109	194.613	193.605	L[3]
R	23	1276.238	145.577	137.567	138.071	137.063	R[2]
D	24	1333.751	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho} GRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}
79.97 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=74.22
- ▶ F104902.dat
- ▶ query=q2374_p1
- ▶ precursor=534.303430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	76.352	889.831	884.492	0.672	884.156	S[24]
G[2]	95.360	320.162	814.822	0.672	814.486	G[23]
R[3]	147.393	801.154	795.815	796.151	795.479	R[22]
G[4]	166.400	749.121	743.781	744.117	743.445	G[21]
K[5]	209.099	730.114	724.774	725.110	724.438	K[20]
G[6]	228.106	687.415	682.076	682.412	681.740	G[19]
G[7]	247.113	668.408	663.069	663.404	662.733	G[18]
K[8]	289.811	649.401	644.061	644.397	643.725	K[17]
G[9]	308.819	638.793	601.363	601.699	601.027	G[16]
L[10]	346.513	587.695	582.356	582.692	582.020	L[15]
G[11]	365.520	550.001	544.661	544.997	544.325	G[14]
K[12]	408.219	530.994	525.654	525.990	525.318	K[13]
G[13]	427.226	488.295	482.956	483.292	482.620	G[12]
G[14]	446.233	469.288	463.949	464.285	463.613	G[11]
A[15]	469.912	450.281	444.941	445.277	444.605	A[10]
K[16]	526.614	426.602	421.262	421.598	420.926	K[9]
R[17]	578.648	369.900	364.561	364.896	364.225	R[8]
H[18]	607.334	317.866	312.527	312.863	312.191	H[7]
R[19]	676.368	272.180	266.841	267.176	266.505	R[6]
K[20]	728.410	220.140	214.807	215.143	214.471	K[5]
V[21]	761.433	168.104	162.765	163.101	162.429	V[4]
L[22]	799.127	135.082	129.742	130.078	129.406	L[3]
R[23]	851.161	97.387	92.047	92.383	91.711	R[2]
D[24]	889.503	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=74.22
- ▶ F104902.dat
- ▶ query=q2374_p1
- ▶ precursor=534.303430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	57.518	667.625	663.621	0.755	663.369	S[24]
G[2]	71.772	515.373	611.368	0.755	611.116	G[23]
R[3]	110.797	601.118	597.113	597.365	596.061	R[22]
G[4]	125.052	562.092	558.088	558.340	557.836	G[21]
K[5]	157.076	547.837	543.832	544.084	543.580	K[20]
G[6]	171.331	515.813	511.809	512.061	511.557	G[19]
G[7]	185.587	501.558	497.553	497.805	497.301	G[18]
K[8]	217.610	487.303	483.298	483.550	483.046	K[17]
G[9]	231.866	455.278	451.273	451.525	451.022	G[16]
L[10]	250.137	441.023	437.019	437.271	436.767	L[15]
G[11]	274.392	417.752	408.748	409.000	408.496	G[14]
K[12]	306.416	398.497	394.492	394.744	394.240	K[13]
G[13]	320.671	366.473	362.469	362.721	362.217	G[12]
G[14]	334.927	352.218	348.213	348.465	347.961	G[11]
A[15]	352.686	337.963	333.958	334.210	333.706	A[10]
K[16]	395.212	320.203	316.199	316.451	315.947	K[9]
R[17]	434.238	-77.877	273.672	273.924	273.420	R[8]
H[18]	468.502	238.652	234.647	234.899	234.395	H[7]
R[19]	507.528	204.397	200.392	200.644	200.140	R[6]
K[20]	546.559	185.362	181.357	181.609	181.105	K[5]
V[21]	571.326	126.330	122.325	122.577	122.073	V[4]
L[22]	599.597	101.563	97.558	97.810	97.306	L[3]
R[23]	638.622	73.292	69.287	69.539	69.035	R[2]
D[24]	667.379	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.17
- ▶ F104902.dat
- ▶ query=q2377_p1
- ▶ precursor=668.641650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2671.934	2655.515	0.000	2654.507	S[24]
G	2	204.098	2542.491	2528.473	0.000	2525.465	G[23]
R	3	360.199	2485.470	2469.451	2470.459	2468.443	R[22]
G	4	417.220	2329.969	2313.950	2314.958	2312.941	G[21]
K	5	587.326	2272.347	2256.329	2257.336	2255.321	K[20]
G	6	644.347	2102.342	2086.323	2087.331	2085.315	G[19]
G	7	701.369	2045.220	2029.200	2030.209	2028.194	G[18]
K	8	871.474	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	928.496	1818.083	1802.075	1803.082	1801.067	G[16]
L	10	1043.589	1761.072	1745.063	1746.061	1744.045	L[15]
Q	11	1098.601	1647.988	1631.969	1632.977	1630.961	Q[14]
K	12	1268.707	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1325.728	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1382.750	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1453.807	1298.813	1282.795	1283.803	1281.787	A[10]
R	16	1501.882	1235.781	1219.762	1220.770	1218.754	R[9]
R	17	1737.883	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1875.042	951.585	935.566	936.574	934.558	H[7]
R	19	2031.143	814.526	798.507	799.515	797.499	R[6]
K	20	2187.269	658.425	642.406	643.414	641.398	K[5]
V	21	2286.138	502.366	486.346	487.354	485.337	V[4]
L	22	2389.472	363.239	347.211	348.219	346.203	L[3]
R	23	2555.523	260.148	274.127	275.135	273.119	R[2]
D	24	2670.950	134.045	138.026	139.034	137.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAKRHRK**^{Dimethyl}_{28.03} **VLRD**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.17
- ▶ F104902.dat
- ▶ query=q2377_p1
- ▶ precursor=668.641650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1336.271	1328.261	0.504	1327.757	S[24]
G[2]	102.553	1271.749	1263.740	0.504	1263.236	G[23]
R[3]	180.603	1243.239	1235.239	1235.733	1234.725	R[22]
G[4]	259.114	1165.189	1157.179	1157.683	1156.675	G[21]
K[5]	294.157	1136.677	1128.668	1128.668	1128.164	K[20]
G[6]	322.677	1051.625	1043.615	1044.119	1043.111	G[19]
G[7]	351.188	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	436.241	994.603	986.594	987.098	986.090	K[17]
G[9]	464.752	929.202	901.541	902.045	901.037	G[16]
L[10]	511.294	881.040	873.030	873.534	872.526	L[15]
G[11]	549.804	824.498	816.488	816.992	815.984	G[14]
K[12]	634.857	795.987	787.977	788.481	787.474	K[13]
G[13]	663.368	710.934	702.925	703.429	702.421	G[12]
G[14]	691.879	682.423	674.414	674.918	673.910	G[11]
A[15]	720.389	653.913	645.903	646.407	645.399	A[10]
R[16]	791.445	618.394	610.385	610.889	609.881	R[9]
R[17]	869.495	554.347	546.337	546.841	545.833	R[8]
H[18]	938.025	476.290	468.280	468.784	467.776	H[7]
R[19]	1016.075	407.767	399.757	400.261	399.253	R[6]
K[20]	1094.138	329.716	321.707	322.211	321.203	K[5]
V[21]	1143.673	251.663	243.653	244.157	243.149	V[4]
L[22]	1200.215	202.110	194.100	194.613	193.605	L[3]
R[23]	1278.265	145.577	137.567	138.071	137.063	R[2]
D[24]	1335.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

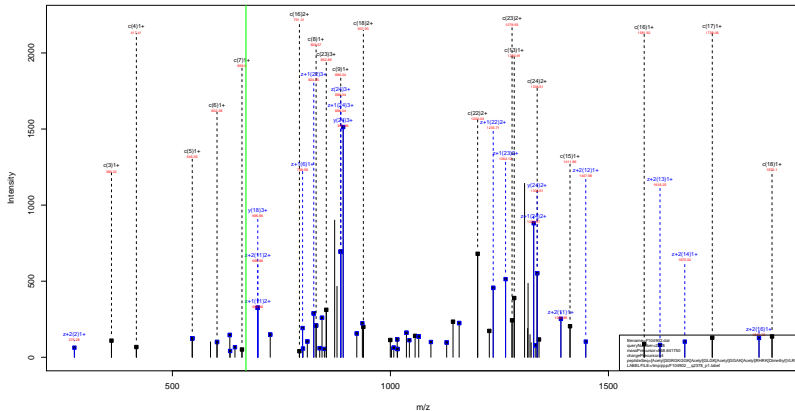
[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.17
- ▶ F104902.dat
- ▶ query=q2377_p1
- ▶ precursor=668.641650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	685.843	0.672	885.507	S[24]
G[2]	58.704	848.199	842.829	0.672	842.893	G[23]
R[3]	130.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	196.447	758.121	752.781	753.117	752.445	K[20]
G[6]	215.454	701.419	696.079	696.415	695.743	G[19]
G[7]	234.461	682.412	677.072	677.408	676.736	G[18]
K[8]	291.163	663.404	658.063	658.401	657.729	K[17]
G[9]	310.170	638.703	603.363	603.699	603.027	G[16]
L[10]	347.688	587.695	582.355	582.692	582.020	L[15]
G[11]	396.872	550.001	544.661	544.997	544.325	G[14]
K[12]	423.574	530.994	525.654	525.990	525.318	K[13]
G[13]	442.581	474.292	468.952	469.288	468.616	G[12]
G[14]	461.588	455.285	449.945	450.281	449.609	G[11]
A[15]	485.267	436.277	430.937	431.274	430.602	A[10]
K[16]	527.966	412.598	407.259	407.595	406.923	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.866	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.761	220.146	214.807	215.143	214.471	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	800.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	896.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK Acetyl
42.01 GLGK Acetyl
42.01 GGAK Acetyl
42.01 RHRK Dimethyl
28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=123.52
- ▶ F104902.dat
- ▶ query=q2378_p1
- ▶ precursor=668.641750
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2671.534	2655.515	0.000	2654.507	S[24]
G	2	204.008	2542.491	2526.473	0.000	2525.465	G[23]
R	3	368.199	2486.470	2469.451	2470.439	2468.443	R[22]
G	4	417.230	2329.369	2313.350	2314.368	2312.341	G[21]
K	5	545.315	2272.347	2256.329	2257.336	2255.321	K[20]
G	6	602.337	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	659.358	2087.231	2071.213	2072.220	2070.204	G[18]
K	8	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	886.485	1980.104	1864.085	1845.093	1843.077	G[16]
L	10	929.549	1893.062	1787.044	1788.071	1786.056	L[15]
G	11	1056.591	1688.998	1673.980	1674.987	1672.972	G[14]
K	12	1226.696	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1581.882	1277.791	1262.773	1263.780	1260.765	R[9]
R	17	1737.983	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1875.042	951.585	935.566	936.574	934.558	H[7]
R	19	2031.143	814.526	798.507	799.515	797.499	R[6]
K	20	2187.209	658.425	642.406	643.414	641.398	K[5]
V	21	2286.338	502.298	486.280	487.287	485.272	V[4]
L	22	2399.422	403.230	387.211	388.219	386.203	L[3]
R	23	2555.523	298.146	274.127	275.135	273.119	R[2]
D	24	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=123.52
- ▶ F104902.dat
- ▶ query=q2378_p1
- ▶ precursor=668.641750
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1336.271	1328.261	0.504	1327.757	S[24]
G	2	102.553	1271.746	1263.740	0.504	1265.236	G[23]
R	3	180.603	1243.239	1235.229	1235.733	1234.725	R[22]
G	4	259.114	1165.189	1157.179	1157.683	1159.675	G[21]
K	5	273.163	1136.677	1128.668	1129.172	1128.164	K[20]
G	6	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	415.236	1015.608	1007.599	1008.103	1007.095	K[17]
G	9	443.746	0.30356	922.546	923.050	922.042	G[16]
L	10	509.298	892.045	864.035	864.539	893.531	L[15]
G	11	528.799	845.503	837.493	837.997	836.990	G[14]
K	12	613.852	816.992	808.983	809.487	808.479	K[13]
G	13	642.363	731.939	723.930	724.434	723.426	G[12]
G	14	670.873	703.429	695.419	695.923	694.915	G[11]
A	15	698.384	674.918	665.908	667.412	666.404	A[10]
R	16	791.445	639.399	631.390	631.894	630.886	R[9]
R	17	869.495	554.347	546.337	546.841	545.833	R[8]
H	18	938.025	476.290	468.287	468.791	467.783	H[7]
R	19	1016.075	407.767	399.757	400.261	399.253	R[6]
K	20	1094.128	329.716	321.707	322.211	321.203	K[5]
V	21	1143.673	251.663	243.653	244.157	243.149	V[4]
L	22	1200.215	202.119	194.109	194.613	193.605	L[3]
R	23	1278.265	145.577	137.567	138.071	137.063	R[2]
D	24	1335.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=123.52
- ▶ F104902.dat
- ▶ query=q2378_p1
- ▶ precursor=668.641750
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	685.843	0.672	885.507	S[24]
G[2]	58.704	848.169	842.829	0.672	842.493	G[23]
R[3]	150.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	758.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	630.709	615.367	615.703	615.031	G[16]
L[10]	313.681	601.699	596.359	596.695	596.023	L[15]
G[11]	352.868	504.024	558.665	559.001	558.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.896	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.761	220.146	214.807	215.143	214.471	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	800.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVTKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.35
- ▶ F104902.dat
- ▶ query=q2386_p1
- ▶ precursor=892.183500
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
F	115.087	2074.526	2058.855	0.000	2057.495	F	25	
E	244.129	2577.472	2561.434	0.000	2560.440	E	24	
P	341.182	2848.430	2832.411	0.000	2831.403	P	23	
A	412.219	2351.377	2335.358	0.000	2334.350	A	22	
K	5	540.314	2260.340	2264.321	2205.329	2263.313	K	21
S	6	627.346	2152.245	2136.226	2137.234	2135.219	S	20
A	7	806.283	2086.212	2040.194	2050.202	2048.186	A	19
P	8	795.436	1394.176	1378.157	1379.165	1377.141	P	18
A	9	866.473	1397.123	1381.104	1382.112	1380.096	A	17
P	10	963.526	1826.080	1810.069	1811.075	1809.059	P	16
K	11	1091.621	1729.033	1713.014	1714.022	1712.006	K	15
K	12	1261.726	1600.938	1584.919	1585.927	1583.912	K	14
G	13	1318.748	1430.833	1414.814	1415.822	1413.806	G	13
S	14	1409.780	1373.811	1357.792	1358.800	1356.785	S	12
K	15	1575.885	1288.729	1270.700	1271.768	1269.753	K	11
K	16	1701.980	1118.674	1100.655	1101.663	1099.647	K	10
A	17	1775.017	988.579	972.560	973.568	971.552	A	9
V	18	1874.086	917.541	901.523	902.531	900.515	V	8
T	19	1975.133	818.472	802.454	803.462	801.446	T	7
T	20	2103.228	717.425	701.407	702.414	700.399	T	6
A	21	2174.266	589.330	573.312	574.320	572.304	A	5
Q	22	2202.324	518.293	502.275	503.283	501.267	Q	4
K	23	2430.419	390.235	374.216	375.224	373.208	K	3
K	24	2598.514	282.140	246.121	247.129	245.113	K	2
D	25	2673.541	134.045	118.028	119.034	117.018	D	1

sp | Q6ZWY9 | H2B1C_MOUSE

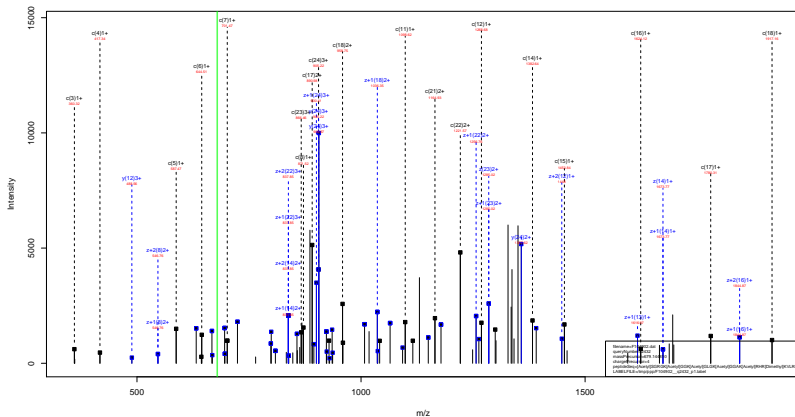
PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVTKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.35
- ▶ F104902.dat
- ▶ query=q2386_p1
- ▶ precursor=892.183500
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P 1	58.047	1337.766	1329.757	0.504	1329.253	P 25
E 3	127.508	1289.740	1281.230	0.504	1280.726	E 24
F 3	171.095	1224.715	1216.709	0.504	1216.205	F 23
A 4	298.613	1176.192	1168.183	0.504	1167.679	A 22
K 5	276.681	1140.674	1132.664	1133.168	1132.160	K 21
S 6	314.177	1076.629	1068.617	1069.121	1068.113	S 20
A 7	349.695	1033.110	1025.101	1025.605	1024.597	A 19
F 8	388.222	997.591	989.582	990.086	989.078	F 18
A 9	433.740	949.065	941.056	941.560	940.552	A 17
P 10	482.287	913.547	905.537	906.041	905.033	P 16
K 11	546.314	865.020	857.011	857.515	856.507	K 15
K 12	631.367	800.973	792.963	793.467	792.459	K 14
G 13	659.878	743.920	735.911	736.414	735.407	G 13
S 14	703.394	689.400	679.400	679.904	678.896	S 12
K 15	788.446	643.891	635.884	636.388	635.380	K 11
K 16	852.494	598.840	590.831	591.335	590.327	K 10
A 17	888.012	594.793	586.784	587.287	586.280	A 9
V 18	937.547	499.274	491.265	491.769	490.761	V 8
T 19	988.078	499.746	491.737	492.240	491.232	T 7
K 20	1052.118	359.215	351.207	351.711	350.703	K 6
A 21	1087.636	295.169	287.159	287.663	286.656	A 5
Q 22	1151.666	259.656	251.641	252.145	251.137	Q 4
K 23	1215.713	195.621	187.612	188.116	187.108	K 3
K 24	1279.761	131.574	123.564	124.068	123.060	K 2
D 25	1337.274	67.526	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHR Dimethyl 28.03 KVLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK** Acetyl 42.01 **G**GK Acetyl 42.01 **GLGK** Acetyl 42.01 **GGAK** Acetyl 42.01 **RHR** Dimethyl 28.03 **KVLRD**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=99.92
- ▶ F104902.dat
- ▶ query=q2432_p1
- ▶ precursor=679.144810
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2713.544	2697.529	0.000	2696.510	S[24]
G	2	204.008	2584.502	2568.483	0.000	2567.473	G[23]
R	3	360.199	2527.480	2511.462	2612.470	2510.454	R[22]
G	4	417.220	2371.379	2355.360	2356.368	2354.351	G[21]
K	5	587.326	2314.358	2298.339	2299.347	2297.331	K[20]
G	6	644.347	2144.252	2128.234	2129.241	2127.228	G[19]
G	7	701.369	2087.231	2071.212	2072.220	2070.204	G[18]
K	8	871.474	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	928.496	1860.104	1844.085	1845.093	1843.077	G[16]
L	10	1041.500	1803.082	1787.064	1788.071	1786.056	L[15]
G	11	1098.501	1639.968	1613.950	1614.957	1612.972	G[14]
K	12	1268.707	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1325.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1382.750	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1453.787	1348.828	1332.810	1333.817	1331.801	A[10]
R	16	1621.893	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1779.994	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1917.053	951.585	935.566	936.574	934.558	H[7]
R	19	2101.185	814.526	798.507	799.515	797.499	R[6]
K	20	2229.280	630.393	614.375	615.382	613.367	K[5]
V	21	2428.348	502.298	486.280	487.287	485.272	V[4]
L	22	2441.432	403.230	387.211	388.219	386.203	L[3]
R	23	2597.534	290.148	274.129	275.135	273.119	R[2]
D	24	2712.560	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK**^{Acetyl}_{42.01} **G**G**K**^{Acetyl}_{42.01} **G**L**G****K**^{Acetyl}_{42.01} **G**G**A****K**^{Acetyl}_{42.01} **R**H**R**^{Dimethyl}_{28.03} **K**V**L****R****D**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=99.92
- ▶ F104902.dat
- ▶ query=q2432_p1
- ▶ precursor=679.144810
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1357.276	1340.267	0.504	1348.761	S[24]
G[2]	102.553	1292.755	1284.745	0.504	1284.241	G[23]
R[3]	180.603	1264.244	1256.234	1256.738	1265.731	R[22]
G[4]	259.114	1198.193	1178.184	1178.688	1177.689	G[21]
K[5]	294.157	1157.683	1149.673	1150.177	1149.169	K[20]
G[6]	322.677	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	436.241	1015.609	1007.599	1008.103	1007.095	K[17]
G[9]	464.752	930.556	922.546	923.050	922.042	G[16]
L[10]	511.294	792.046	994.035	994.539	792.538	L[15]
G[11]	540.804	845.503	837.493	837.997	836.990	G[14]
K[12]	634.857	816.992	808.983	809.487	808.479	K[13]
G[13]	663.368	731.939	723.930	724.434	723.426	G[12]
G[14]	691.879	703.429	695.419	695.923	694.915	G[11]
A[15]	720.389	674.918	666.908	667.412	666.404	A[10]
R[16]	812.430	639.399	631.390	631.894	630.886	R[9]
R[17]	890.500	554.347	546.337	546.841	545.833	R[8]
H[18]	959.030	476.290	468.282	468.786	467.778	H[7]
R[19]	1051.096	407.767	399.757	400.261	399.253	R[6]
K[20]	1115.144	315.700	307.691	308.195	307.187	K[5]
V[21]	1164.676	251.653	243.643	244.147	243.140	V[4]
L[22]	1221.220	202.119	194.109	194.613	193.605	L[3]
R[23]	1299.270	145.577	137.567	138.071	137.063	R[2]
D[24]	1356.704	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

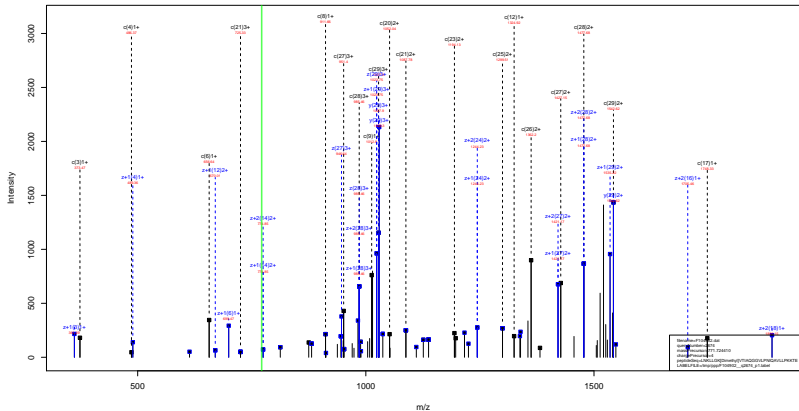
[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHR^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=99.92
- ▶ F104902.dat
- ▶ query=q2432_p1
- ▶ precursor=679.144810
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	905.186	699.847	0.672	899.511	S[24]
G[2]	58.704	392.172	856.833	0.672	856.497	G[23]
R[3]	120.738	843.165	837.825	830.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	620.706	615.367	615.703	615.031	G[16]
L[10]	317.885	601.699	596.359	596.695	596.023	L[15]
G[11]	396.872	564.004	558.665	559.001	558.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	609.689	317.866	312.527	312.863	312.191	H[7]
R[19]	701.067	272.180	266.841	267.176	266.505	R[6]
K[20]	753.705	210.803	205.463	205.799	205.127	K[5]
V[21]	776.788	168.104	162.765	163.101	162.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	856.516	97.387	92.047	92.383	91.711	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=81.34
- ▶ F104902.dat
- ▶ query=q2674_p1
- ▶ precursor=771.724410
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2938.797	2953.781	N[28]
K[3]	373.256	2836.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.460	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1244.867	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.019	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1862.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=81.34
- ▶ F104902.dat
- ▶ query=q2674_p1
- ▶ precursor=771.724410
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	66.093	1542.450	1534.440	8.504	1533.930	L 20
N 2	123.084	1485.905	1477.898	1478.402	1477.394	N 20
K 3	187.132	1428.889	1420.877	1421.381	1420.373	K 27
L 4	243.674	1364.839	1366.829	1367.333	1366.325	L 26
L 5	300.216	1308.297	1300.287	1300.791	1299.783	L 25
G 6	358.759	1251.755	1243.745	1244.249	1243.241	G 24
K 7	406.799	1223.244	1225.234	1215.238	1214.731	K 23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V 22
T 9	506.840	1095.646	1087.637	1088.141	1087.133	T 21
T 10	563.390	1045.123	1037.113	1037.617	1036.609	T 20
A 11	608.909	988.581	989.117	989.679	989.201	A 19
G 12	662.937	953.062	945.053	945.557	944.549	G 18
G 13	691.448	899.033	881.023	881.527	880.519	G 17
G 14	719.959	860.522	852.513	853.017	852.009	G 16
V 15	769.493	832.011	824.002	824.506	823.498	V 15
L 16	830.035	782.477	774.468	774.972	773.964	L 14
T 17	874.561	725.935	726.439	726.943	725.935	T 13
N 18	911.553	677.420	669.399	669.903	668.895	N 12
I 19	988.125	620.907	612.898	612.882	611.874	I 11
Q 20	1052.154	563.845	555.836	556.340	555.332	Q 10
A 21	1087.673	499.816	491.807	492.310	491.303	A 0
V 22	1137.207	484.297	476.288	476.792	475.784	V 8
L 23	1193.749	414.763	406.754	407.258	406.251	L 1
L 24	1250.291	358.221	350.212	350.716	349.708	L 6
P 25	1298.817	301.679	293.670	294.174	293.166	P 5
K 26	1362.865	253.153	245.143	245.647	244.639	K 4
K 27	1426.912	189.105	181.096	181.600	180.592	K 3
T 28	1477.436	125.058	117.048	117.552	116.544	T 2
E 29	1541.958	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

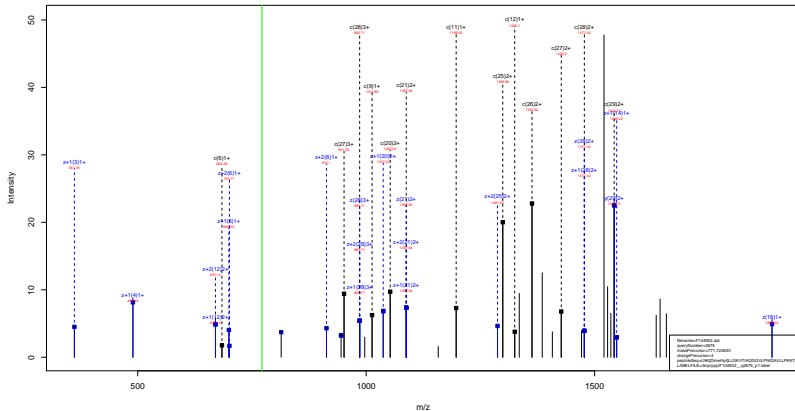
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=81.34
- ▶ F104902.dat
- ▶ query=q2674_p1
- ▶ precursor=771.724410
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.577	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.392	990.941	985.601	985.937	985.265	N[20]
K[3]	125.090	952.926	947.597	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.194	867.530	866.896	L[25]
Q[6]	239.287	834.839	829.499	829.835	829.199	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	795.700	790.450	790.786	790.114	V[22]
T[9]	338.234	776.767	775.427	775.763	775.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	699.389	694.050	694.386	693.714	A[19]
Q[12]	442.294	639.731	634.391	634.727	634.035	Q[19]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	583.177	484.262	478.923	479.259	478.581	F[13]
T[18]	621.391	451.942	446.603	446.939	446.266	T[12]
I[19]	659.886	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.148	233.474	L[6]
P[25]	866.214	201.455	196.116	196.451	195.780	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.400	121.061	121.402	120.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.11
- ▶ F104902.dat
- ▶ query=q2675_p1
- ▶ precursor=771.724630
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	2067.873	0.000	3056.865	L[28]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	401.287	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	514.371	2700.639	2684.620	2685.628	2683.612	L[26]
L[5]	627.455	2587.555	2571.536	2572.544	2570.528	L[25]
G[6]	684.477	2474.470	2458.451	2459.460	2457.444	G[24]
K[7]	812.572	2317.440	2401.430	2402.438	2400.422	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.266	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1909.111	1893.092	1894.100	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1603.015	1648.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1748.116	1450.883	1434.864	1435.872	1433.856	T[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.605	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.568	912.576	910.561	V[8]
L[23]	2389.491	828.519	812.500	813.508	811.483	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.050	132.040	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.11
- ▶ F104902.dat
- ▶ query=q2675_p1
- ▶ precursor=771.724630
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L120
N1	123.054	1485.905	1477.898	1478.402	1477.394	N120
K1	201.147	1428.886	1420.877	1421.381	1420.373	K127
L1	257.609	1350.823	1342.814	1343.317	1342.310	L126
L1	314.211	1294.281	1286.272	1286.775	1285.768	L125
G1	342.742	1237.739	1229.730	1230.233	1229.226	G124
K1	406.730	1159.525	1151.516	1152.019	1151.012	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
T1	506.840	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T120
A11	588.908	988.561	980.551	981.054	980.047	A119
G12	662.937	933.065	945.053	945.557	944.549	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
T17	874.584	728.935	721.926	722.430	721.422	T113
N18	931.583	677.400	669.399	669.903	668.895	N112
I19	988.125	620.867	612.858	613.362	612.354	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	484.297	476.288	476.792	475.784	V10
L23	1193.769	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P15
K26	1362.805	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=32.11
- ▶ F104902.dat
- ▶ query=q2675_p1
- ▶ precursor=771.724630
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
L	1	44.377	1028.035	1021.295	0.672	1022.960	L29
N	2	82.302	990.941	985.601	985.937	985.265	N28
K	3	134.434	952.926	947.587	947.923	947.251	K27
L	4	172.239	890.804	895.543	895.881	895.209	L26
L	5	209.823	863.190	857.850	858.186	857.514	L25
G	6	228.830	825.495	820.155	820.491	819.819	G24
K	7	271.529	806.488	801.148	801.484	800.812	K23
V	8	304.552	763.790	758.450	758.786	758.114	V22
Y	9	338.234	730.767	725.427	725.763	725.091	Y21
V	10	375.929	697.084	691.745	692.081	691.409	V20
A	11	399.608	659.389	654.050	654.386	653.714	A19
Q	12	442.294	636.710	630.371	630.707	630.035	Q18
Q	13	461.301	593.024	587.685	588.021	587.349	Q17
G	14	480.308	574.017	568.678	569.015	568.343	G16
V	15	513.331	555.010	549.670	550.006	549.334	V15
L	16	551.026	521.987	516.648	516.984	516.312	L14
P	17	583.377	484.292	478.953	479.289	478.617	P13
N	18	621.391	451.942	446.602	446.938	446.266	N12
T	19	659.086	413.927	408.588	408.924	408.252	T11
Q	20	701.772	376.231	370.893	371.229	370.557	Q10
A	21	725.451	333.546	328.207	328.543	327.871	A9
V	22	758.474	309.807	304.468	304.804	304.132	V8
L	23	796.168	276.844	271.505	271.841	271.169	L7
L	24	833.863	239.150	233.810	234.146	233.474	L6
P	25	866.214	201.455	196.116	196.451	195.780	P5
K	26	898.612	169.104	163.765	164.101	163.429	K4
K	27	951.611	126.406	121.068	121.402	120.730	K3
T	28	985.293	83.709	78.369	78.704	78.032	T2
E	29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.65
- ▶ F104902.dat
- ▶ query=q3279_p1
- ▶ precursor=749.760680
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4463.595	4437.486	0.000	4476.470	S[41]
G	2	204.068	4364.462	4348.444	0.000	4347.436	G[40]
R	3	360.199	4307.441	4291.422	4.992.430	4290.414	R[39]
G	4	417.220	4151.340	4135.321	4136.320	4134.313	G[38]
K	5	545.315	4094.318	4078.300	4079.307	4077.292	K[37]
Q	6	673.374	3996.273	3979.255	3951.272	3949.197	Q[36]
G	7	730.395	3838.165	3822.146	3823.154	3821.135	G[35]
G	8	787.417	3781.143	3765.125	3766.132	3764.111	G[34]
K	9	915.512	3724.122	3708.103	3709.111	3707.099	K[33]
A	10	986.549	3596.027	3580.008	3581.016	3579.000	A[32]
R	11	1142.650	3524.960	3508.971	3509.979	3507.963	R[31]
A	12	1213.687	3388.899	3372.879	3353.878	3351.863	A[30]
R	13	1381.782	3297.852	3281.833	3282.841	3280.825	R[29]
A	14	1412.819	3169.757	3153.738	3154.746	3152.730	A[28]
K	15	1540.914	3098.719	3082.701	3083.709	3081.693	K[27]
S	16	1627.946	2976.625	2954.606	2955.614	2953.598	S[26]
R	17	1784.047	2883.562	2867.574	2868.582	2866.566	R[25]
S	18	1871.078	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	1958.111	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2114.213	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2185.250	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2242.271	2336.289	2310.270	2311.278	2309.263	G[20]
L	23	2355.308	2209.208	2203.249	2204.257	2202.241	L[19]
Q	24	2483.414	2156.184	2140.165	2141.173	2139.157	Q[18]
F	25	2630.482	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2727.535	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2826.603	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2883.625	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3030.726	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3138.784	1471.811	1455.794	1456.802	1454.786	V[12]
H	31	3275.853	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3431.954	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3545.038	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3658.123	966.500	950.482	951.489	949.474	L[8]
I	35	3814.224	853.418	837.399	838.405	836.389	I[7]
K	36	3942.319	697.315	681.296	682.304	680.289	K[6]
G	37	3999.340	549.220	533.201	534.209	532.194	G[5]
N	38	4113.383	512.109	496.180	497.188	495.172	N[4]
V	39	4276.446	398.150	382.131	383.145	381.129	V[3]
S	40	4363.478	235.062	219.074	220.082	218.066	S[2]
E	41	4492.521	148.000	132.042	133.050	131.034	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.65
- ▶ F104902.dat
- ▶ query=q3279_p1
- ▶ precursor=749.760680
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2247.256	2229.267	0.804	2238.747	S[41]
G	2	102.553	2182.735	2174.726	0.504	2174.222	G[40]
R	3	180.603	2154.224	2146.215	2146.719	2145.711	R[39]
G	4	209.114	2076.174	2068.164	2068.666	2067.660	G[38]
K	5	273.161	2047.663	2039.653	2040.157	2039.150	K[37]
G	6	337.194	1983.615	1975.606	1976.110	1975.102	G[36]
G	7	365.704	1919.566	1911.577	1912.081	1911.073	G[35]
G	8	394.212	1861.075	1853.066	1883.570	1882.562	G[34]
K	9	458.260	1863.565	1854.555	1855.059	1854.051	K[33]
A	10	493.778	1798.517	1790.508	1791.012	1790.004	A[32]
R	11	577.829	1762.999	1754.989	1755.493	1754.485	R[31]
A	12	607.397	1684.948	1676.939	1677.443	1676.435	A[30]
K	13	671.395	1649.420	1641.420	1641.924	1640.916	K[29]
A	14	706.913	1585.363	1577.373	1577.876	1576.869	A[28]
K	15	770.961	1549.861	1541.854	1542.358	1541.350	K[27]
S	16	814.477	1485.816	1477.807	1478.310	1477.303	S[26]
R	17	872.527	1442.300	1434.291	1434.794	1433.786	R[25]
S	18	936.043	1364.249	1356.240	1356.744	1355.736	S[24]
S	19	979.559	1320.733	1312.724	1313.228	1312.220	S[23]
R	20	1057.610	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1093.128	1199.161	1191.157	1191.661	1190.653	A[21]
G	22	1171.639	1163.648	1155.639	1156.143	1155.135	G[20]
L	23	1178.181	1126.131	1118.127	1118.631	1117.623	L[19]
G	24	1242.211	1078.595	1070.586	1071.090	1070.082	G[18]
F	25	1315.745	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1364.271	941.033	933.023	933.526	932.519	F[16]
V	27	1413.805	892.506	884.496	885.000	883.992	V[15]
G	28	1442.316	842.971	834.962	835.466	834.458	G[14]
R	29	1503.889	814.461	806.451	806.955	805.947	R[13]
V	30	1569.901	736.410	728.401	728.905	727.897	V[12]
H	31	1636.430	688.876	678.866	679.370	678.363	H[11]
R	32	1716.461	618.346	610.337	610.841	609.833	R[10]
L	33	1773.023	540.296	532.286	532.790	531.783	L[9]
L	34	1829.968	469.754	461.743	462.246	461.239	L[8]
R	35	1907.615	427.212	419.202	419.706	418.699	R[7]
K	36	1971.663	349.161	341.152	341.656	340.648	K[6]
G	37	2050.174	285.114	277.104	277.608	276.600	G[5]
N	38	2057.195	256.603	248.594	249.098	248.090	N[4]
V	39	2138.227	189.562	181.572	182.076	181.068	V[3]
S	40	2192.813	118.056	110.061	110.564	109.557	S[2]
E	41	2246.764	74.534	66.524	67.028	66.021	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.65
- ▶ F104902.dat
- ▶ query=q3279_p1
- ▶ precursor=749.760680
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	#s	AA	
S	1	489.697	1498.507	1493.167	0.872	1492.831	S[41]
G	2	66.704	1455.452	1450.153	0.672	1449.817	G[40]
R	3	1307.180	1436.485	1431.146	1431.482	1430.810	R[39]
G	4	139.745	1384.451	1379.112	1379.448	1378.776	G[38]
K	5	182.443	1365.444	1360.105	1360.441	1359.769	K[37]
G	6	225.130	1342.746	1337.406	1337.742	1337.070	G[36]
G	7	244.137	1326.060	1321.720	1321.056	1320.384	G[35]
G	8	263.144	1301.051	1295.713	1296.049	1295.377	G[34]
K	9	305.642	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	329.521	1199.347	1194.008	1194.344	1193.672	A[32]
R	11	381.555	1175.668	1170.329	1170.664	1169.993	R[31]
A	12	405.234	1123.534	1118.204	1117.539	1116.868	A[30]
R	13	447.932	1059.955	1094.616	1094.952	1094.281	R[29]
A	14	491.611	1057.257	1051.917	1052.253	1051.582	A[28]
K	15	514.310	1033.578	1028.238	1028.574	1027.902	K[27]
S	16	543.320	990.880	985.540	985.876	985.204	S[26]
R	17	585.254	961.869	956.529	956.865	956.193	R[25]
S	18	624.365	959.939	954.488	954.824	954.152	S[24]
S	19	653.375	980.825	875.485	875.821	875.149	S[23]
R	20	705.409	851.614	846.474	846.810	846.138	R[22]
A	21	729.088	799.780	794.441	794.777	794.105	A[21]
G	22	748.095	776.101	770.762	771.098	770.426	G[20]
L	23	785.790	759.094	753.754	754.090	753.418	L[19]
Q	24	828.476	733.366	728.026	728.362	727.690	Q[18]
F	25	877.409	676.713	671.374	671.710	671.038	F[17]
F	26	909.850	627.600	622.261	622.597	621.925	F[16]
V	27	942.873	595.139	590.000	590.336	589.664	V[15]
G	28	961.860	562.317	556.977	557.313	556.641	G[14]
R	29	1013.814	464.309	457.970	458.306	457.634	R[13]
V	30	1046.936	490.275	485.936	486.272	485.600	V[12]
H	31	1092.623	458.253	452.913	453.249	452.577	H[11]
R	32	1144.656	412.967	407.227	407.563	406.891	R[10]
L	33	1182.351	360.533	355.193	355.529	354.857	L[9]
L	34	1220.046	322.874	317.489	317.825	317.153	L[8]
R	35	1272.974	285.144	279.804	280.140	279.468	R[7]
K	36	1314.778	233.110	227.770	228.106	227.434	K[6]
G	37	1333.785	190.412	185.072	185.408	184.736	G[5]
N	38	1371.799	171.404	166.065	166.401	165.729	N[4]
V	39	1426.154	133.390	128.051	128.387	127.715	V[3]
S	40	1455.164	99.136	93.796	94.132	93.460	S[2]
E	41	1498.178	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=42.65
- ▶ F104902.dat
- ▶ query=q3279_p1
- ▶ precursor=749.760680
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	#s1	#s2	#	AA
S	1	37.505	1124.132	1120.127	0.705	1110.875	S[4]
G	2	51.780	1091.871	1087.866	0.795	1087.614	G[6]
R	3	90.805	1077.610	1073.611	1073.863	1073.350	R[9]
G	4	109.061	1038.500	1034.566	1034.838	1034.134	G[38]
K	5	137.084	1024.335	1020.330	1020.582	1020.078	K[37]
G	6	169.059	992.311	987.307	988.559	986.753	G[36]
G	7	183.354	960.291	956.292	956.544	956.040	G[35]
G	8	197.610	948.041	942.037	942.289	941.785	G[34]
K	9	239.633	931.788	927.781	928.031	927.529	K[33]
A	10	247.303	899.762	895.757	896.009	895.500	A[32]
R	11	286.418	882.003	877.998	878.250	877.740	R[31]
A	12	304.177	862.918	858.973	859.225	858.721	A[30]
K	13	336.201	825.215	821.214	821.466	820.962	K[29]
A	14	353.960	793.195	789.190	789.442	788.934	A[28]
K	15	385.984	775.435	771.431	771.683	771.179	K[27]
S	16	407.742	743.412	739.407	739.659	739.153	S[26]
R	17	446.767	721.954	717.949	718.201	717.693	R[25]
S	18	488.526	692.626	678.624	678.876	678.372	S[24]
S	19	490.283	660.670	656.666	657.118	656.614	S[23]
R	20	529.300	638.112	634.108	635.360	634.856	R[22]
A	21	547.088	600.087	596.082	596.334	595.830	A[21]
G	22	561.323	582.328	578.323	578.575	578.071	G[20]
L	23	589.394	568.072	564.068	564.320	563.816	L[19]
G	24	621.609	539.801	535.797	536.049	535.545	G[18]
F	25	658.376	507.787	503.782	504.034	503.530	F[17]
F	26	662.639	471.020	467.015	467.267	466.763	F[16]
V	27	707.406	446.756	442.752	443.004	442.500	V[15]
G	28	721.662	421.989	417.985	418.237	417.733	G[14]
R	29	790.687	389.734	385.729	385.981	385.477	R[13]
V	30	785.454	368.705	364.704	364.956	364.452	V[12]
H	31	819.719	343.942	339.937	340.189	339.685	H[11]
R	32	858.744	309.677	305.672	305.924	305.420	R[10]
L	33	887.015	270.652	266.647	266.899	266.395	L[9]
L	34	915.286	242.361	238.356	238.608	238.104	L[8]
R	35	924.311	214.110	210.105	210.357	209.853	R[7]
K	36	966.335	175.084	171.080	171.332	170.828	K[6]
G	37	1000.590	143.061	139.056	139.308	138.804	G[5]
N	38	1029.101	128.805	124.800	125.052	124.548	N[4]
V	39	1069.867	100.294	96.289	96.542	96.038	V[3]
S	40	1091.625	98.529	94.524	94.776	94.272	S[2]
E	41	1123.886	97.771	93.766	94.018	93.514	E[1]

sp | Q8BFU2 | H2A3_MOUSE

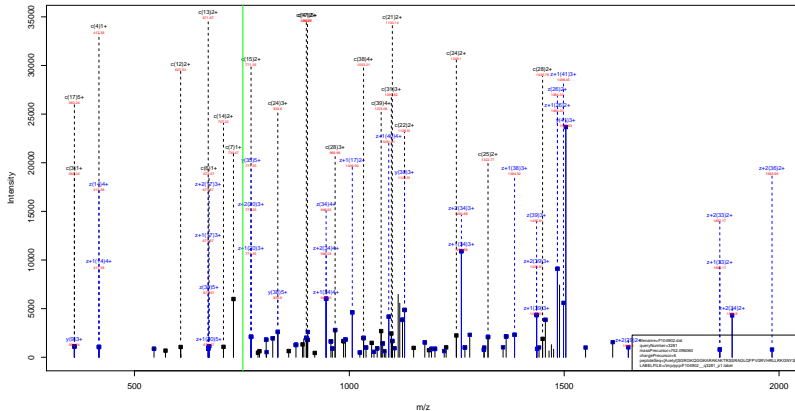
[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=42.65
- ▶ F104902.dat
- ▶ query=q3279_p1
- ▶ precursor=749.760680
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA
S	1	899.507	896.923	0.806	896.102	S
G	2	870.495	870.495	0.806	870.293	G
R	3	859.050	859.050	0.806	859.292	R
G	4	827.870	827.870	0.806	827.668	G
K	5	819.569	819.569	0.806	819.667	K
Q	6	790.847	790.847	0.806	790.645	Q
G	7	765.233	765.233	0.806	765.033	G
G	8	753.831	753.831	0.806	753.629	G
K	9	742.428	742.428	0.806	742.225	K
A	10	717.009	717.009	0.806	716.806	A
R	11	702.802	702.802	0.806	702.598	R
A	12	671.380	671.380	0.806	671.178	A
K	13	657.172	657.172	0.806	656.971	K
A	14	631.755	631.755	0.806	631.552	A
K	15	617.548	617.548	0.806	617.344	K
S	16	591.929	591.929	0.806	591.725	S
R	17	574.522	574.522	0.806	574.319	R
S	18	543.302	543.302	0.806	543.099	S
S	19	525.892	525.892	0.806	525.689	S
R	20	508.489	508.489	0.806	508.286	R
A	21	477.269	477.269	0.806	477.066	A
G	22	462.850	462.850	0.806	462.647	G
L	23	451.456	451.456	0.806	451.254	L
Q	24	429.040	429.040	0.806	428.837	Q
F	25	403.227	403.227	0.806	403.025	F
P	26	375.813	375.813	0.806	375.612	P
V	27	354.604	354.604	0.806	354.401	V
G	28	334.395	334.395	0.806	334.192	G
R	29	323.386	323.386	0.806	323.183	R
V	30	292.166	292.166	0.806	291.963	V
H	31	272.353	272.353	0.806	272.150	H
R	32	244.739	244.739	0.806	244.536	R
L	33	213.519	213.519	0.806	213.317	L
L	34	190.902	190.902	0.806	190.701	L
R	35	168.487	168.487	0.806	168.284	R
K	36	137.065	137.065	0.806	136.864	K
G	37	114.449	114.449	0.806	114.245	G
N	38	100.042	100.042	0.806	99.840	N
V	39	77.435	77.435	0.806	77.232	V
S	40	44.822	44.822	0.806	44.619	S
E	41	27.416	27.416	0.806	27.213	E

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKATRSSRAGLQFPVGRVHRLLRKGNYS



sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.81
- ▶ F104902.dat
- ▶ query=q3281_p1
- ▶ precursor=752.096060
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.521	4491.502	0.000	4400.494	S[41]
G	2	204.098	4378.478	4362.459	0.000	4361.451	G[46]
R	3	360.199	4321.457	4305.438	4306.446	4304.430	R[39]
C	4	417.220	4185.355	4148.337	4150.345	4148.329	C[38]
K	5	545.315	4108.334	4092.315	4093.323	4091.307	K[15]
Q	6	673.374	3980.239	3954.220	3955.228	3953.212	Q[36]
G	7	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.139	3722.119	3723.127	3721.111	K[33]
A	10	985.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.955	3523.936	3524.944	3522.928	R[31]
A	12	1213.667	3382.904	3366.885	3367.893	3365.877	A[30]
K	13	1341.782	3311.867	3295.848	3296.856	3294.841	K[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
K	17	1798.063	2883.592	2867.574	2868.582	2866.566	K[25]
S	18	1885.095	2727.493	2711.473	2712.480	2710.465	S[24]
S	19	1972.127	2648.459	2632.441	2633.448	2631.433	S[23]
R	20	2128.228	2563.427	2547.409	2548.416	2546.401	R[22]
A	21	2199.265	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2256.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2369.371	2269.268	2253.249	2254.257	2252.241	L[19]
Q	24	2497.459	2126.184	2110.165	2111.173	2109.157	Q[18]
F	25	2644.498	2028.125	2012.106	2013.114	2011.098	F[17]
P	26	2741.551	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3053.742	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3152.810	1471.813	1455.794	1456.802	1454.786	V[12]
I	31	3269.869	1372.744	1356.725	1357.734	1355.718	I[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3550.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.489	949.474	L[8]
R	35	3828.239	853.416	837.398	838.405	836.390	R[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
C	37	4013.358	569.220	553.201	554.209	552.194	C[5]
N	38	4127.399	512.199	496.180	497.188	495.172	N[4]
V	39	4290.482	398.156	382.137	383.145	381.129	V[3]
S	40	4377.494	235.092	219.074	220.082	218.066	S[2]
E	41	4506.537	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.81
- ▶ F104902.dat
- ▶ query=q3281_p1
- ▶ precursor=752.096060
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	c	AA	
S	1	74.062	2054.264	2266.255	0.804	2245.781	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2161.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
G	6	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	385.193	1926.594	1918.584		1918.080	G[35]
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.347	1692.956	1684.946	1684.950	1683.944	A[30]
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.913	1592.900	1584.890	1584.894	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	899.535	1452.292	1434.283	1434.784	1433.767	R[25]
S	18	934.054	1364.249	1356.240	1356.744	1355.736	S[24]
S	19	986.567	1320.713	1312.724	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1126.647	1103.648	1105.639	1106.143	1105.135	G[20]
L	23	1185.189	1138.137	1127.128	1127.632	1126.624	L[19]
Q	24	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	25	1322.753	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.033	933.023	933.526	932.519	F[16]
V	27	1420.811	892.506	884.496	885.000	883.992	V[15]
G	28	1449.324	842.971	834.962	835.466	834.458	G[14]
R	29	1507.914	814.461	806.451	806.955	805.947	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.866	679.370	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.296	532.286	532.790	531.783	L[9]
L	34	1838.573	489.794	479.784	479.288	478.281	L[8]
R	35	1914.623	427.232	419.222	419.726	418.719	R[7]
K	36	1978.671	349.181	341.172	341.676	340.668	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.736	199.562	191.552	192.056	191.048	V[3]
S	40	2189.261	118.056	110.046	110.549	109.541	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.81
- ▶ F104902.dat
- ▶ query=q3281_p1
- ▶ precursor=752.096060
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1503.178	1497.839	0.872	2497.567	S[41]
G	2	86.704	1460.184	1454.875	0.872	1454.480	G[40]
R	3	1307.788	1441.157	1435.817	1436.153	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.120	1383.448	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.733	1279.393	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1234.010	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	489.294	1128.306	1122.967	1123.303	1122.631	A[30]
R	13	447.932	1104.627	1099.285	1099.624	1098.952	R[29]
A	14	491.811	1081.929	1056.589	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.602	995.552	990.212	990.548	989.870	T[26]
R	17	606.626	981.869	956.529	956.865	956.193	R[25]
S	18	629.017	959.835	944.495	944.831	944.160	S[24]
S	19	658.047	938.025	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.105	A[21]
G	22	762.789	776.101	770.762	771.098	770.426	G[20]
L	23	790.462	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	733.366	724.000	724.336	723.722	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.261	622.597	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1103.594	443.309	437.970	438.306	437.634	R[13]
V	30	1051.608	491.275	485.936	486.272	485.600	V[12]
H	31	1097.294	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.574	317.489	317.825	317.153	L[8]
R	35	1275.753	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1436.826	133.390	128.051	128.386	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.81
- ▶ F104902.dat
- ▶ query=q3281_p1
- ▶ precursor=752.096060
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#=1	#=2	#	AA
S[1]	37.505	1127.830	1123.631	0.705	1123.370	S[41]
G[2]	51.780	1095.975	1091.370	0.795	1091.118	G[40]
R[3]	90.805	1081.120	1077.115	1077.367	1076.863	R[30]
G[4]	109.001	1042.094	1038.090	1038.342	1037.830	G[38]
K[5]	137.084	1027.839	1023.834	1024.086	1023.587	K[37]
G[6]	169.059	995.815	991.811	992.062	991.559	G[36]
G[7]	193.354	963.803	959.796	960.048	959.544	G[35]
G[8]	197.610	949.545	945.541	945.792	945.289	G[34]
K[9]	239.633	935.290	931.285	931.537	931.033	K[33]
A[10]	247.303	903.266	899.261	899.513	899.009	A[32]
R[11]	286.419	895.507	891.502	891.754	891.250	R[31]
A[12]	304.177	868.482	864.477	864.729	864.225	A[30]
K[13]	336.201	828.722	824.718	824.970	824.466	K[29]
A[14]	353.980	796.699	792.694	792.946	792.442	A[28]
K[15]	385.904	778.939	774.935	775.187	774.683	K[27]
T[16]	411.246	746.915	742.911	743.163	742.659	T[26]
R[17]	459.274	721.954	717.949	718.201	717.697	R[25]
S[18]	472.609	692.626	688.621	688.873	688.369	S[24]
S[19]	493.787	660.870	656.866	657.118	656.614	S[23]
R[20]	532.813	639.112	635.108	635.360	634.856	R[22]
A[21]	550.572	600.087	596.082	596.334	595.830	A[21]
G[22]	564.827	582.328	578.323	578.575	578.071	G[20]
L[23]	593.098	568.072	564.068	564.320	563.816	L[19]
Q[24]	625.113	539.801	535.797	536.049	535.545	Q[18]
F[25]	661.880	507.787	503.782	504.034	503.530	F[17]
F[26]	698.143	471.020	467.015	467.267	466.763	F[16]
V[27]	710.910	446.756	442.752	443.004	442.500	V[15]
G[28]	725.169	421.989	417.985	418.237	417.733	G[14]
R[29]	764.181	389.734	385.729	385.981	385.477	R[13]
V[30]	788.958	368.709	364.704	364.956	364.452	V[12]
H[31]	823.223	343.942	339.937	340.189	339.685	H[11]
R[32]	862.248	309.677	305.672	305.924	305.420	R[10]
L[33]	890.519	270.652	266.647	266.899	266.395	L[9]
L[34]	918.790	242.381	238.376	238.628	238.124	L[8]
R[35]	957.815	214.110	210.105	210.357	209.853	R[7]
K[36]	989.839	175.084	171.079	171.331	170.827	K[6]
G[37]	1004.094	143.061	139.056	139.308	138.804	G[5]
N[38]	1032.605	128.805	124.800	125.052	124.548	N[4]
Y[39]	1073.371	100.294	96.289	96.541	96.037	Y[3]
S[40]	1095.419	98.529	94.524	94.776	94.272	S[2]
E[41]	1127.590	97.771	93.766	94.018	93.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

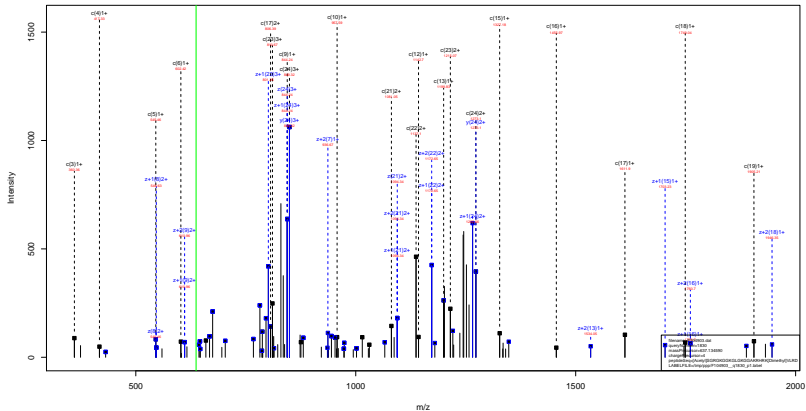
[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=54.81
- ▶ F104902.dat
- ▶ query=q3281_p1
- ▶ precursor=752.096060
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.290	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	795.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.835	756.634	756.835	756.432	G[34]
K[9]	183.908	748.431	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.136	708.007	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	528.696	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.930	357.607	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.589	334.791	334.388	G[14]
K[29]	611.354	326.389	323.185	323.386	322.983	K[13]
V[30]	631.368	295.165	291.965	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.106	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.285	168.487	168.084	R[7]
K[36]	792.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.477	114.650	111.446	111.648	111.245	G[5]
N[38]	829.296	103.245	100.042	100.243	99.840	N[4]
V[39]	854.898	80.431	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=103.88
- ▶ F104903.dat
- ▶ query=q1830_p1
- ▶ precursor=637.134590
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.676	2545.502	2529.463	0.000	2528.478	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	350.199	2359.438	2343.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.063	1760.064	1761.072	1759.056	G[16]
L[10]	927.559	1719.061	1703.043	1704.050	1702.035	L[15]
G[11]	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.795	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1455.850	1238.781	1222.762	1220.770	1218.754	R[9]
R[17]	1611.951	1107.685	1091.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2180.306	502.298	486.280	487.287	485.272	V[4]
L[22]	2273.390	403.230	387.211	388.219	386.203	L[3]
R[23]	2429.491	290.146	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=103.88
- ▶ F104903.dat
- ▶ query=q1830_p1
- ▶ precursor=637.134590
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	259.114	1102.772	1094.163	1094.667	1093.659	G[21]
K[5]	273.163	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.293	860.036	852.027	852.529	851.521	L[15]
G[11]	507.794	803.482	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	638.863	682.423	674.414	674.918	673.910	G[11]
A[15]	684.381	653.913	645.903	646.407	645.399	A[10]
R[16]	728.430	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.290	468.281	468.781	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	339.716	331.707	332.211	331.203	K[5]
V[21]	1080.667	251.663	243.653	244.157	243.149	V[4]
L[22]	1137.199	202.110	194.100	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=103.88
- ▶ F104903.dat
- ▶ query=q1830_p1
- ▶ precursor=637.134590
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.696	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.75
- ▶ F104903.dat
- ▶ query=q1831_p1
- ▶ precursor=849.178390
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2545.502	2529.463	0.000	2528.476	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	368.199	2389.438	2343.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.200	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	787.453	1904.178	1889.159	1889.167	1887.151	K[17]
G[9]	864.475	1776.063	1760.064	1761.072	1759.056	G[16]
L[10]	957.559	1719.061	1703.043	1704.050	1702.035	L[15]
G[11]	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.840	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1427.755	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1469.850	1238.781	1219.762	1220.770	1218.754	R[9]
R[17]	1611.951	1107.685	1091.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.405	643.414	641.398	K[5]
V[21]	2180.306	502.298	486.280	487.287	485.272	V[4]
L[22]	2273.390	403.230	387.211	388.219	386.203	L[3]
R[23]	2429.491	280.146	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.75
- ▶ F104903.dat
- ▶ query=q1831_p1
- ▶ precursor=849.178390
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
K[3]	180.603	1180.223	1172.213	1172.717	1171.709	K[22]
G[4]	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.153	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.109	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.210	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.263	860.036	852.027	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	684.384	653.913	645.903	646.407	645.399	A[10]
R[16]	728.432	618.394	610.385	610.889	609.881	R[9]
R[17]	806.470	554.347	546.337	546.841	545.833	R[6]
H[18]	875.009	476.290	468.281	468.784	467.776	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	339.716	331.707	332.211	331.203	K[5]
V[21]	1080.669	251.663	243.653	244.157	243.149	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Acetyl}VLRD_{42.01}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.39
- ▶ F104903.dat
- ▶ query=q1854_p1
- ▶ precursor=512.706080
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.676	2509.481	2543.463	0.000	2542.455	S[24]
G	2	204.098	2430.439	2414.420	0.000	2413.412	G[23]
R	3	368.199	2373.417	2367.399	2358.407	2366.391	R[22]
G	4	417.230	2217.336	2201.288	2202.308	2200.290	G[21]
K	5	545.315	2160.295	2144.276	2145.284	2143.268	K[20]
G	6	602.337	2032.200	2016.181	2017.189	2015.173	G[19]
G	7	659.358	1975.178	1959.160	1960.168	1958.152	G[18]
K	8	787.453	1918.157	1902.138	1903.146	1901.130	K[17]
G	9	814.875	1790.062	1774.043	1775.051	1773.035	G[16]
L	10	957.559	1733.041	1717.022	1718.030	1716.014	L[15]
G	11	1014.580	1619.956	1603.938	1604.946	1602.930	G[14]
K	12	1142.675	1562.935	1546.916	1547.924	1545.908	K[13]
G	13	1199.697	1434.840	1418.821	1419.829	1417.813	G[12]
G	14	1256.718	1377.819	1361.800	1362.808	1360.792	G[11]
A	15	1327.795	1320.797	1304.778	1305.786	1303.771	A[10]
R	16	1459.950	1249.766	1233.747	1234.749	1232.733	R[9]
R	17	1611.951	1122.665	1105.646	1106.654	1104.638	R[8]
H	18	1749.010	965.564	949.545	950.553	948.537	H[7]
R	19	1905.111	838.505	812.486	813.494	811.478	R[6]
K	20	2075.217	672.404	656.385	657.393	655.377	K[5]
V	21	2174.285	502.298	486.280	487.287	485.272	V[4]
L	22	2287.389	403.230	387.211	388.219	386.203	L[3]
R	23	2443.471	280.146	274.127	275.135	273.119	R[2]
D	24	2558.497	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Acetyl}VLRD
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.39
- ▶ F104903.dat
- ▶ query=q1854_p1
- ▶ precursor=512.706080
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.642	1080.244	1272.235	0.504	1271.731	S 24
G 2	102.553	1215.723	1207.714	0.504	1207.210	G 23
R 3	180.603	1187.212	1170.263	1179.707	1179.699	R 22
G 4	259.114	1309.162	1101.152	1101.556	1100.999	G 21
K 5	273.163	1080.651	1072.642	1073.146	1072.138	K 20
G 6	301.672	1016.604	1008.594	1009.098	1008.090	G 19
G 7	330.163	868.093	980.083	980.587	979.580	G 18
K 8	394.210	959.582	951.573	952.077	951.069	K 17
G 9	422.741	895.535	887.525	888.029	887.021	G 16
L 10	479.263	867.024	860.015	860.519	859.511	L 15
G 11	507.794	810.482	802.473	802.976	801.969	G 14
K 12	571.841	781.971	773.962	774.466	773.459	K 13
G 13	600.352	717.924	709.914	710.418	709.410	G 12
G 14	628.863	699.413	681.404	681.907	680.900	G 11
A 15	694.361	660.902	652.893	653.397	652.389	A 10
R 16	728.429	625.384	617.374	617.878	616.871	R 9
R 17	806.479	561.336	553.327	553.831	552.823	R 8
H 18	875.009	483.289	475.276	475.780	474.772	H 7
R 19	953.059	414.750	406.747	407.251	406.243	R 6
K 20	1038.112	336.706	328.695	329.200	328.192	K 5
V 21	1087.646	252.653	243.643	244.147	243.140	V 4
L 22	1144.188	202.119	194.109	194.613	193.605	L 3
R 23	1222.239	145.577	137.567	138.071	137.063	R 2
D 24	1279.752	67.526	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Acetyl}VLRD_{42.01}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.39
- ▶ F104903.dat
- ▶ query=q1854_p1
- ▶ precursor=512.706080
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.832	848.492	0.672	848.156	S[24]
G[2]	58.704	810.818	805.478	0.672	805.142	G[23]
R[3]	150.738	791.811	786.471	786.807	786.135	R[22]
G[4]	139.745	739.777	734.437	734.773	734.101	G[21]
K[5]	182.443	720.770	715.430	715.766	715.094	K[20]
G[6]	201.450	678.071	672.732	673.068	672.396	G[19]
G[7]	220.458	659.064	653.725	654.061	653.389	G[18]
K[8]	263.156	640.057	634.718	635.054	634.382	K[17]
G[9]	282.163	597.359	592.019	592.355	591.683	G[16]
L[10]	319.858	578.352	573.012	573.348	572.676	L[15]
G[11]	338.865	540.657	535.317	535.653	534.981	G[14]
K[12]	381.563	521.650	516.310	516.646	515.974	K[13]
G[13]	400.570	478.952	473.612	473.948	473.276	G[12]
G[14]	419.578	459.944	454.605	454.941	454.269	G[11]
A[15]	443.257	440.937	435.598	435.934	435.262	A[10]
K[16]	485.955	417.258	411.919	412.255	411.583	K[9]
R[17]	537.989	374.560	369.220	369.556	368.884	R[8]
H[18]	583.675	322.526	317.187	317.523	316.851	H[7]
R[19]	635.709	276.940	271.599	271.936	271.264	R[6]
K[20]	692.410	224.806	219.467	219.803	219.131	K[5]
V[21]	725.433	168.104	162.765	163.101	162.429	V[4]
L[22]	763.128	135.082	129.742	130.078	129.406	L[3]
R[23]	815.162	97.387	92.047	92.383	91.711	R[2]
D[24]	853.504	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

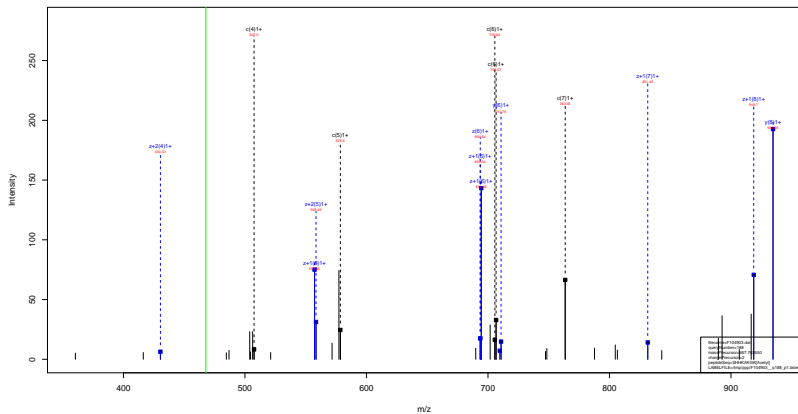
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Acetyl}VLRD_{42.01}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=62.39
- ▶ F104903.dat
- ▶ query=q1854.p1
- ▶ precursor=512.706080
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	640.626	636.621	0.755	636.369	S[24]
G[2]	51.780	508.365	604.360	0.755	604.109	G[23]
R[3]	90.805	594.110	590.105	590.357	589.853	R[22]
G[4]	105.061	555.085	551.080	551.332	550.828	G[21]
K[5]	137.084	540.829	536.824	537.076	536.573	K[20]
G[6]	151.340	508.805	504.801	505.053	504.549	G[19]
G[7]	165.595	494.550	490.545	490.797	490.293	G[18]
K[8]	197.619	480.295	476.290	476.542	476.038	K[17]
G[9]	211.874	446.271	442.266	442.518	442.014	G[16]
L[10]	280.148	434.016	430.011	430.263	429.759	L[15]
G[11]	254.401	405.745	401.740	401.992	401.488	G[14]
K[12]	286.424	391.489	387.485	387.736	387.233	K[13]
G[13]	300.680	359.465	355.461	355.713	355.209	G[12]
G[14]	314.935	345.210	341.205	341.457	340.953	G[11]
A[15]	332.694	330.955	326.950	327.202	326.698	A[10]
K[16]	364.718	313.195	309.191	309.443	308.939	K[9]
R[17]	403.743	281.172	277.167	277.419	276.915	R[8]
H[18]	438.008	262.146	258.142	258.394	257.890	H[7]
R[19]	477.033	207.882	203.877	204.129	203.625	R[6]
K[20]	519.560	168.856	164.852	165.104	164.600	K[5]
V[21]	544.327	126.330	122.325	122.577	122.073	V[4]
L[22]	572.598	101.563	97.558	97.810	97.306	L[3]
R[23]	611.623	73.292	69.287	69.539	69.035	R[2]
D[24]	640.380	34.267	30.262	30.514	30.010	D[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK Acetyl
42.01



sp | P22752 | H2A1_MOUSE

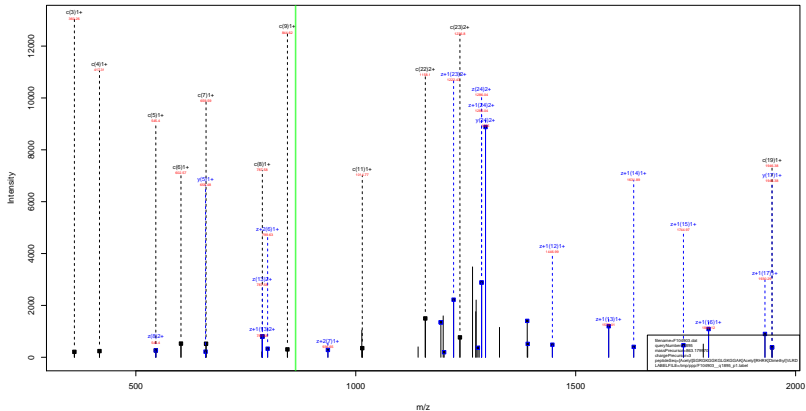
SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.77
- ▶ F104903.dat
- ▶ query=q188_p1
- ▶ precursor=467.763550
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	934.522	918.503	0.000	917.400	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
R[6]	706.411	374.240	358.221	359.220	357.213	R[3]
G[7]	763.432	246.145	230.126	231.134	229.118	G[2]
R[8]	933.538	189.123	173.105	174.112	172.097	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Dimethyl}VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.25
- ▶ F104903.dat
- ▶ query=q1895_p1
- ▶ precursor=863.179970
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G[2]	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	360.199	2401.440	2385.430	2386.438	2384.422	R[22]
G[4]	417.220	2249.340	2229.330	2230.337	2228.321	G[21]
K[5]	545.315	2188.320	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.181	G[18]
K[8]	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.083	1802.075	1803.082	1801.067	G[16]
L[10]	907.559	1761.072	1745.063	1746.061	1744.045	L[15]
Q[11]	1014.580	1647.985	1631.969	1632.977	1630.961	Q[14]
K[12]	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1307.739	1348.829	1332.810	1333.818	1331.802	A[10]
R[16]	1407.884	1277.791	1261.774	1262.782	1260.765	R[9]
R[17]	1653.962	1107.688	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.406	643.414	641.399	K[5]
V[21]	2202.217	502.360	486.340	487.347	485.329	V[4]
L[22]	2315.403	363.199	347.178	348.185	346.169	L[3]
R[23]	2471.502	200.146	194.127	195.135	193.119	R[2]
D[24]	2586.529	134.045	128.026	129.034	127.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.25
- ▶ F104903.dat
- ▶ query=q1895_p1
- ▶ precursor=863.179970
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1294.260	1286.251	0.504	1285.747	S[24]
G	2	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R	3	150.603	1261.228	1193.219	1193.723	1192.715	R[22]
G	4	209.114	1123.177	1115.368	1115.972	1114.964	G[21]
K	5	273.163	1094.667	1086.857	1087.161	1086.151	K[20]
G	6	303.672	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	330.183	1002.108	994.099	994.603	993.595	G[18]
K	8	394.230	973.599	965.588	966.092	965.084	K[17]
G	9	422.741	909.560	901.541	902.045	901.037	G[16]
L	10	479.293	893.040	873.030	873.534	872.526	L[15]
G	11	507.794	824.468	816.458	816.962	815.954	G[14]
K	12	571.841	795.987	787.977	788.481	787.474	K[13]
G	13	600.352	731.939	723.930	724.434	723.426	G[12]
G	14	638.863	703.429	695.419	695.923	694.915	G[11]
A	15	684.381	674.918	666.908	667.412	666.404	A[10]
R	16	749.434	639.390	631.380	631.884	630.876	R[9]
R	17	827.485	554.347	546.337	546.841	545.833	R[8]
H	18	866.014	476.290	468.280	468.784	467.776	H[7]
R	19	974.065	407.767	399.757	400.261	399.253	R[6]
K	20	1052.126	329.716	321.707	322.211	321.203	K[5]
V	21	1101.662	251.663	243.653	244.157	243.149	V[4]
L	22	1158.204	202.119	194.109	194.613	193.605	L[3]
R	23	1236.255	145.577	137.567	138.071	137.063	R[2]
D	24	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Dimethyl}VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=115.26
- ▶ F104903.dat
- ▶ query=q1896_p1
- ▶ precursor=647.636810
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G[2]	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	360.199	2401.440	2385.430	2388.438	2384.422	R[22]
G[4]	417.220	2349.340	2229.330	2230.337	2228.321	G[21]
K[5]	545.315	2185.320	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.181	G[18]
K[8]	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.083	1802.075	1803.082	1801.067	G[16]
L[10]	957.559	1761.072	1745.063	1746.061	1744.045	L[15]
Q[11]	1014.580	1647.985	1631.969	1632.977	1630.961	Q[14]
K[12]	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.821	G[11]
A[15]	1327.755	1348.829	1332.810	1333.818	1331.802	A[10]
R[16]	1407.861	1277.791	1261.773	1262.780	1260.765	R[9]
R[17]	1653.962	1107.680	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.406	643.414	641.396	K[5]
V[21]	2202.217	502.300	486.280	487.287	485.272	V[4]
L[22]	2315.403	463.170	447.151	448.158	446.143	L[3]
R[23]	2471.502	290.146	274.127	275.135	273.119	R[2]
D[24]	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=115.26
- ▶ F104903.dat
- ▶ query=q1896_p1
- ▶ precursor=647.636810
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1201.229	1193.219	1193.723	1192.713	R[22]
G[4]	259.114	1123.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.153	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	303.672	1030.619	1022.610	1023.114	1022.100	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.590	G[18]
K[8]	394.230	973.598	965.588	966.092	965.083	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	869.040	871.030	871.534	870.520	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.420	G[12]
G[14]	628.863	703.429	695.419	695.923	694.913	G[11]
A[15]	694.381	674.919	666.908	667.412	666.405	A[10]
R[16]	749.434	639.399	631.390	631.894	630.880	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.290	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	252.693	244.683	244.647	243.140	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

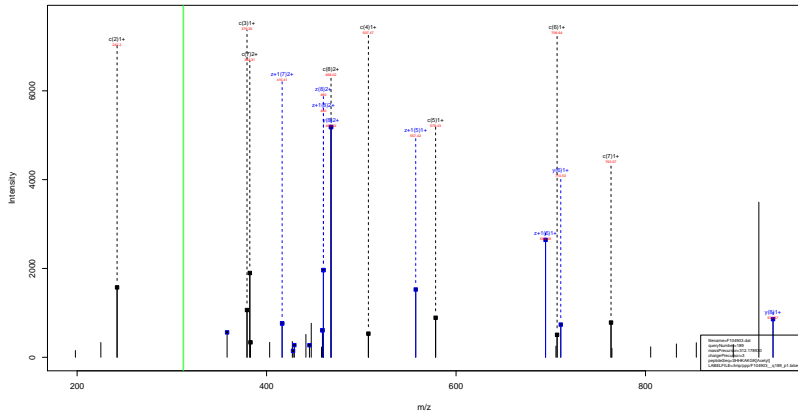
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=115.26
- ▶ F104903.dat
- ▶ query=q1896.p1
- ▶ precursor=647.636810
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	657.836	0.672	857.500	S[24]
G[2]	58.704	320.162	814.822	0.672	814.486	G[23]
R[3]	150.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.355	582.691	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.146	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK Acetyl
42.01



sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.63
- ▶ F104903.dat
- ▶ query=q189_p1
- ▶ precursor=312.178930
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	109.066	934.522	918.503	0.000	917.495	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	673.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
K[6]	706.411	374.240	358.221	359.229	357.213	K[3]
G[7]	763.432	246.145	230.126	231.134	229.118	G[2]
K[8]	933.538	189.123	173.105	174.112	172.097	K[1]

sp | P22752 | H2A1_MOUSE

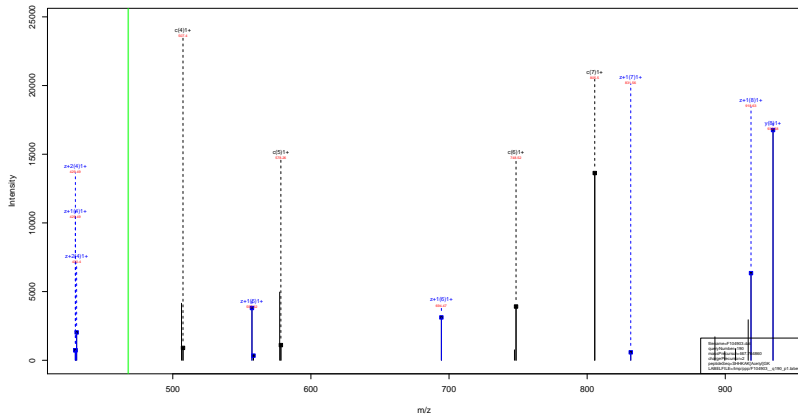
SHHKAKGK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=37.63
- ▶ F104903.dat
- ▶ query=q189_p1
- ▶ precursor=312.178930
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.037	467.765	459.755	0.504	459.251	S[8]
H[2]	121.566	424.248	416.239	0.504	415.735	H[7]
H[3]	190.095	355.719	347.710	0.504	347.206	H[6]
K[4]	254.143	287.190	279.180	279.684	278.676	K[5]
A[5]	289.662	223.142	215.133	215.637	214.629	A[4]
K[6]	353.709	187.624	179.614	180.118	179.110	K[3]
G[7]	382.220	123.576	115.567	116.071	115.063	G[2]
K[8]	467.272	95.065	87.056	87.560	86.552	K[1]

sp | P22752 | H2A1_MOUSE

SHHKAK^{Acetyl}GK
42.01



sp | P22752 | H2A1_MOUSE

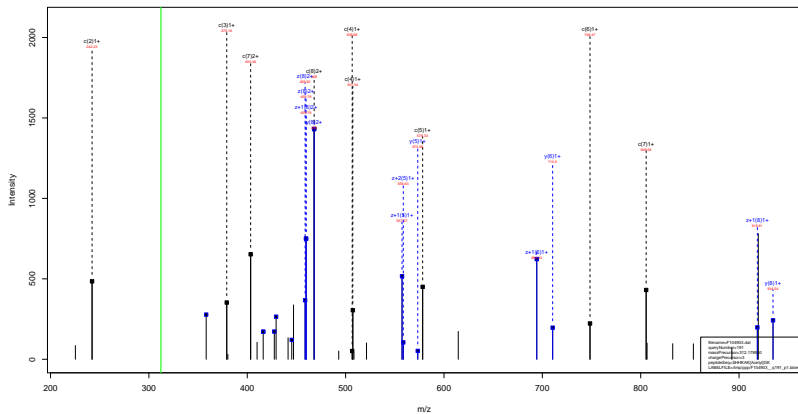
SHHKAK^{Acetyl} GK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.98
- ▶ F104903.dat
- ▶ query=q190_p1
- ▶ precursor=467.764860
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	109.066	934.522	916.503	0.000	917.495	S[8]
H[2]	242.125	947.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
K[6]	748.421	374.240	358.221	359.229	357.213	K[3]
G[7]	805.443	204.134	180.116	189.123	187.108	G[2]
K[8]	933.538	147.113	131.094	132.102	130.086	K[1]

sp | P22752 | H2A1_MOUSE

SHHKAK ^{Acetyl} GK
42.01



sp | P22752 | H2A1_MOUSE

SHHKAK^{Acetyl} GK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.21
- ▶ F104903.dat
- ▶ query=q191_p1
- ▶ precursor=312.179550
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	934.522	918.503	0.000	917.499	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
R[6]	748.421	374.240	358.221	359.229	357.213	R[3]
G[7]	805.443	204.134	188.116	189.123	187.108	G[2]
R[8]	933.538	147.113	131.094	132.102	130.086	R[1]

sp | P22752 | H2A1_MOUSE

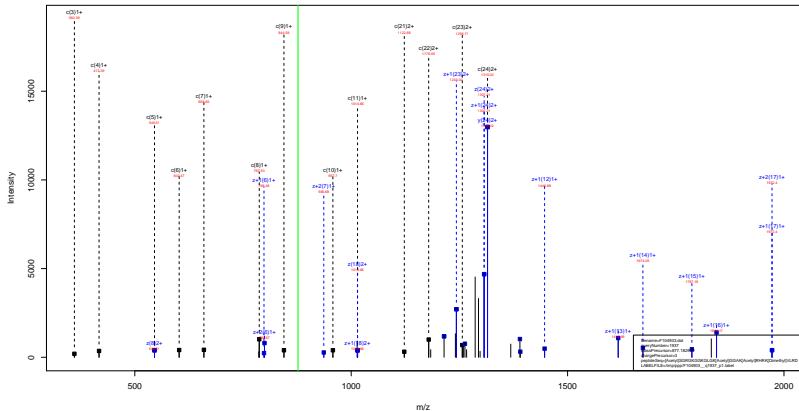
SHHKAK^{Acetyl} GK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.21
- ▶ F104903.dat
- ▶ query=q191_p1
- ▶ precursor=312.179550
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.037	467.765	459.755	0.504	459.251	S[8]
H[2]	121.566	424.248	416.239	0.504	415.735	H[7]
H[3]	190.095	355.719	347.710	0.504	347.206	H[6]
K[4]	254.143	287.190	279.180	279.684	278.676	K[5]
A[5]	289.662	223.142	215.133	215.637	214.629	A[4]
K[6]	374.714	187.624	179.614	190.118	179.110	K[3]
G[7]	403.225	102.571	94.561	95.065	94.057	G[2]
K[8]	467.272	74.060	66.051	66.555	65.547	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl} 42.01 GGAK ^{Acetyl} 42.01 RHRK ^{Dimethyl} 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.41
- ▶ F104903.dat
- ▶ query=q1937_p1
- ▶ precursor=877.182900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2629.523	2613.505	0.000	2612.497	S[24]
G	2	204.098	2500.481	2484.462	0.000	2483.454	G[23]
R	3	368.199	2443.459	2427.441	2426.448	2426.433	R[22]
G	4	417.230	2387.958	2271.330	2272.347	2270.333	G[21]
K	5	545.315	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	602.337	2182.242	2086.225	2087.231	2085.215	G[19]
G	7	659.358	2045.230	2026.200	2030.209	2028.194	G[18]
K	8	787.453	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	844.475	1850.104	1844.085	1845.093	1843.077	G[16]
L	10	927.559	1803.062	1787.044	1788.071	1786.056	L[15]
G	11	1014.580	1588.995	1673.958	1674.987	1672.972	G[14]
K	12	1184.688	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1241.707	1462.971	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1369.796	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1539.871	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1695.973	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1833.031	951.585	935.566	936.574	934.558	H[7]
R	19	1989.133	814.526	798.507	799.515	797.499	R[6]
K	20	2145.259	658.425	642.406	643.414	641.399	K[5]
V	21	2244.327	502.298	486.280	487.287	485.272	V[4]
L	22	2357.411	403.230	387.211	388.219	386.203	L[3]
R	23	2513.512	280.146	274.127	275.135	273.119	R[2]
D	24	2628.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

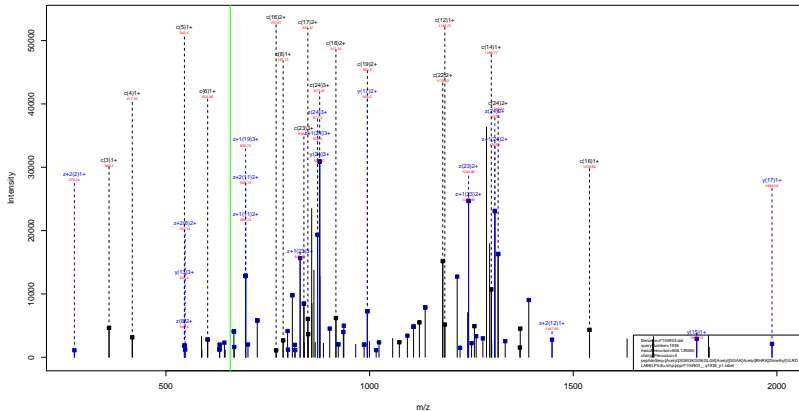
[Acetyl]SGRGKGGKGLGK^{Acetyl} 42.01 GGAK^{Acetyl} 42.01 RHRK^{Dimethyl} 28.03 VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.41
- ▶ F104903.dat
- ▶ query=q1937_p1
- ▶ precursor=877.182900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1315.265	1307.256	0.504	1306.752	S[24]
G[2]	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R[3]	180.603	1222.233	1214.224	1214.728	1213.720	R[22]
G[4]	259.114	1144.183	1136.173	1130.677	1139.669	G[21]
K[5]	273.153	1115.672	1107.663	1108.167	1107.159	K[20]
G[6]	303.672	1051.625	1043.615	1044.119	1043.111	G[19]
G[7]	330.183	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	394.230	994.603	986.594	987.098	986.090	K[17]
G[9]	422.741	930.566	922.546	923.050	922.042	G[16]
L[10]	479.283	902.045	894.035	894.539	893.531	L[15]
G[11]	507.794	845.503	837.493	837.997	836.990	G[14]
K[12]	502.847	816.992	808.983	809.487	808.479	K[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	646.868	703.429	695.419	695.923	694.915	G[11]
A[15]	685.389	674.918	666.908	667.412	666.404	A[10]
R[16]	770.439	639.399	631.390	631.894	630.886	R[9]
R[17]	848.490	554.347	546.337	546.841	545.833	R[6]
H[18]	917.019	476.290	468.280	468.784	467.776	H[7]
R[19]	995.070	407.767	399.757	400.261	399.253	R[6]
K[20]	1073.113	329.716	321.707	322.211	321.203	K[5]
V[21]	1122.667	251.653	243.643	244.147	243.140	V[4]
L[22]	1179.209	202.119	194.109	194.613	193.605	L[3]
R[23]	1257.260	145.577	137.567	138.071	137.063	R[2]
D[24]	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl} 42.01 GGAK ^{Acetyl} 42.01 RHRK ^{Dimethyl} 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} 42.01 **GGAK**^{Acetyl} 42.01 **RHRK**^{Dimethyl} 28.03 **VLRD**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=77.58
- ▶ F104903.dat
- ▶ query=q1938_p1
- ▶ precursor=658.139260
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2629.523	2613.505	0.000	2612.497	S[24]
G	2	204.098	2500.481	2484.462	0.000	2483.454	G[23]
R	3	360.199	2641.450	2427.431	2426.448	2626.433	R[22]
G	4	417.220	2397.564	2271.538	2272.547	2270.531	G[21]
K	5	945.315	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	602.337	2102.342	2086.323	2087.331	2085.315	G[19]
G	7	659.358	2045.220	2029.200	2030.209	2028.194	G[18]
K	8	787.453	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	884.475	1899.174	1884.055	1885.063	1884.047	G[16]
L	10	957.559	1803.082	1787.064	1788.071	1786.056	L[15]
Q	11	1014.580	1689.958	1673.939	1674.947	1672.932	Q[14]
K	12	1184.686	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1241.707	1462.977	1446.953	1447.860	1445.845	G[12]
G	14	1298.729	1405.950	1389.931	1390.839	1388.823	G[11]
A	15	1369.766	1348.925	1332.818	1333.819	1331.804	A[10]
R	16	1539.871	1277.793	1261.773	1262.781	1260.765	R[9]
R	17	1695.973	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1833.031	951.585	935.566	936.574	934.558	H[7]
R	19	1969.133	814.526	798.507	799.515	797.499	R[6]
K	20	2145.250	658.425	642.406	643.414	641.398	K[5]
V	21	2244.227	502.360	486.280	487.287	485.272	V[4]
L	22	2397.413	363.299	347.211	348.219	346.203	L[3]
R	23	2513.512	200.146	274.127	275.135	273.119	R[2]
D	24	2628.539	134.045	138.026	139.034	137.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=77.58
- ▶ F104903.dat
- ▶ query=q1938_p1
- ▶ precursor=658.139260
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1315.265	1307.256	0.504	1306.752	S[24]
G[2]	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R[3]	180.603	1222.233	1214.224	1214.728	1213.720	R[22]
G[4]	259.114	1144.163	1138.173	1136.677	1135.669	G[21]
K[5]	273.163	1115.672	1107.663	1108.167	1107.159	K[20]
G[6]	301.672	1051.625	1043.615	1044.119	1043.111	G[19]
G[7]	330.183	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	394.230	994.603	986.594	987.098	986.090	K[17]
G[9]	422.741	930.556	922.546	923.050	922.042	G[16]
L[10]	479.293	902.045	894.035	894.539	893.531	L[15]
G[11]	507.794	845.503	837.493	837.997	836.990	G[14]
K[12]	502.847	816.992	808.983	809.487	808.479	K[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	649.868	703.429	695.419	695.923	694.915	G[11]
A[15]	688.389	674.919	666.908	667.412	666.405	A[10]
R[16]	776.439	639.399	631.390	631.894	630.886	R[9]
R[17]	848.490	554.347	546.337	546.841	545.833	R[8]
H[18]	917.019	476.296	468.287	468.791	467.783	H[7]
R[19]	995.070	407.767	399.757	400.261	399.253	R[6]
K[20]	1073.133	329.716	321.707	322.211	321.203	K[5]
V[21]	1122.667	251.663	243.653	244.157	243.149	V[4]
L[22]	1179.209	202.119	194.109	194.613	193.605	L[3]
R[23]	1257.260	145.577	137.567	138.071	137.063	R[2]
D[24]	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

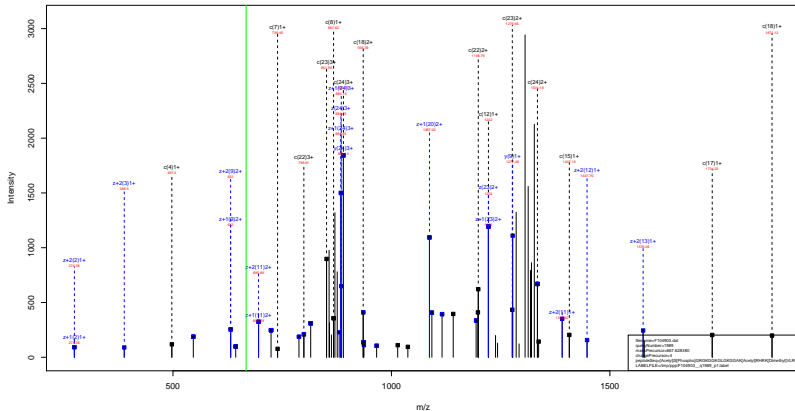
[Acetyl]SGRGKGGKGLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=77.58
- ▶ F104903.dat
- ▶ query=q1938_p1
- ▶ precursor=658.139260
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	871.840	0.672	871.504	S[24]
G[2]	58.704	134.165	828.826	0.672	828.480	G[23]
R[3]	150.738	815.158	809.818	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	758.121	757.449	G[21]
K[5]	182.443	744.117	738.778	739.113	738.442	K[20]
G[6]	201.450	701.419	696.079	696.415	695.743	G[19]
G[7]	220.458	682.412	677.072	677.408	676.736	G[18]
K[8]	263.156	663.404	658.063	658.401	657.729	K[17]
G[9]	282.163	633.705	615.367	615.703	615.031	G[16]
L[10]	319.958	601.699	596.359	596.698	596.023	L[15]
G[11]	338.965	504.024	558.665	559.001	558.329	G[14]
K[12]	395.567	544.997	539.658	539.994	539.322	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]
R[17]	565.996	369.900	364.561	364.896	364.225	R[8]
H[18]	611.682	317.866	312.527	312.863	312.191	H[7]
R[19]	663.716	272.180	266.841	267.176	266.505	R[6]
K[20]	715.758	220.146	214.807	215.143	214.471	K[5]
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho} GRGKGGKGLGKGGAK Acetyl RHRK Dimethyl VLRD
 79.97 42.01 28.03



sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho} GRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}
79.97 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=78.08
- ▶ F104903.dat
- ▶ query=q1989_p1
- ▶ precursor=667.628380
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	227.643	2667.470	2051.460	0.000	2050.453	S[24]
G	2	284.064	2458.470	2442.451	0.000	2441.444	G[23]
R	3	400.326	2401.440	2385.430	2386.438	2384.422	R[22]
G	4	497.187	2245.340	2229.330	2230.337	2228.321	G[21]
K	5	625.382	2188.320	2172.307	2173.315	2171.300	K[20]
G	6	682.303	2040.231	2044.210	2045.220	2043.205	G[19]
G	7	739.325	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	867.420	1946.180	1930.170	1931.177	1929.162	K[17]
G	9	824.841	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	1037.525	1761.072	1745.053	1746.061	1744.045	L[15]
G	11	1094.547	1647.958	1631.900	1632.977	1630.961	G[14]
K	12	1222.642	1590.950	1574.940	1575.955	1573.940	K[13]
G	13	1279.663	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1336.685	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1467.722	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1524.827	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1733.928	1107.680	1091.667	1092.675	1090.659	R[8]
H	18	1870.987	951.580	935.566	936.574	934.558	H[7]
R	19	2027.088	814.526	798.507	799.515	797.499	R[6]
K	20	2183.215	658.425	642.406	643.414	641.398	K[5]
V	21	2262.283	502.260	486.260	487.267	485.272	V[4]
L	22	2399.387	403.230	387.211	388.219	386.203	L[3]
R	23	2531.468	290.140	274.127	275.135	273.119	R[2]
D	24	2666.495	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho} GRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}
79.97 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=78.08
- ▶ F104903.dat
- ▶ query=q1989_p1
- ▶ precursor=667.628380
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	144.605	1334.243	1336.234	0.504	1329.730	S[24]
G	2	142.536	1229.739	1221.729	0.504	1221.225	G[23]
R	3	230.566	1201.229	1193.219	1193.723	1192.715	R[22]
G	4	249.097	1123.177	1115.168	1115.672	1114.666	G[21]
K	5	313.145	1094.667	1086.657	1087.161	1086.151	K[20]
G	6	341.655	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	370.166	1002.108	994.099	994.603	993.595	G[18]
K	8	434.213	973.599	965.588	966.092	965.084	K[17]
G	9	462.724	899.045	891.541	892.045	891.037	G[16]
L	10	519.266	881.040	873.033	873.534	872.526	L[15]
G	11	547.777	824.493	816.488	816.992	815.984	G[14]
K	12	611.824	795.987	787.977	788.481	787.474	K[13]
G	13	640.335	731.939	723.930	724.434	723.426	G[12]
G	14	668.846	703.429	695.419	695.923	694.915	G[11]
A	15	698.354	674.918	666.909	667.412	666.405	A[10]
R	16	739.417	639.399	631.390	631.894	630.886	R[9]
R	17	667.468	554.347	546.337	546.841	545.833	R[8]
H	18	935.997	476.296	468.287	468.791	467.783	H[7]
R	19	1014.048	407.767	399.757	400.261	399.253	R[6]
K	20	1092.111	329.716	321.707	322.211	321.203	K[5]
V	21	1141.645	251.663	243.653	244.157	243.149	V[4]
L	22	1198.187	202.119	194.109	194.613	193.605	L[3]
R	23	1276.238	145.577	137.567	138.071	137.063	R[2]
D	24	1333.751	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=78.08
- ▶ F104903.dat
- ▶ query=q1989_p1
- ▶ precursor=667.628380
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	76.352	889.831	884.492	0.672	884.156	S[24]
G[2]	95.360	820.162	814.822	0.672	814.486	G[23]
R[3]	147.393	801.154	795.815	796.151	795.479	R[22]
G[4]	166.400	749.121	743.781	744.117	743.445	G[21]
K[5]	209.099	730.114	724.774	725.110	724.438	K[20]
G[6]	228.106	687.415	682.076	682.412	681.740	G[19]
G[7]	247.113	668.408	663.069	663.404	662.733	G[18]
K[8]	289.811	649.401	644.061	644.397	643.725	K[17]
G[9]	308.819	606.793	601.353	601.689	601.027	G[16]
L[10]	348.313	587.695	582.256	582.592	582.020	L[15]
G[11]	385.520	550.001	544.661	544.997	544.325	G[14]
K[12]	408.219	530.994	525.654	525.990	525.318	K[13]
G[13]	427.226	488.295	482.956	483.292	482.620	G[12]
G[14]	446.233	469.288	463.949	464.285	463.613	G[11]
A[15]	469.912	450.281	444.941	445.277	444.605	A[10]
K[16]	528.614	426.602	421.262	421.598	420.926	K[9]
R[17]	578.648	369.900	364.561	364.896	364.225	R[8]
H[18]	624.134	317.896	312.527	312.863	312.191	H[7]
R[19]	678.368	272.180	266.841	267.176	266.505	R[6]
K[20]	728.410	220.146	214.807	215.143	214.471	K[5]
V[21]	751.433	168.104	162.765	163.101	162.429	V[4]
L[22]	799.127	135.082	129.742	130.078	129.406	L[3]
R[23]	851.161	97.387	92.047	92.383	91.711	R[2]
D[24]	889.503	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=100.83
- ▶ F104903.dat
- ▶ query=q1992_p1
- ▶ precursor=668.642020
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2073.534	2055.515	0.000	2054.507	S[24]
G	2	204.008	2542.491	2526.473	0.000	2525.465	G[23]
R	3	350.199	2495.470	2469.451	2470.439	2468.443	R[22]
G	4	417.230	2329.369	2313.350	2314.338	2312.341	G[21]
K	5	545.315	2272.347	2256.328	2257.316	2255.321	K[20]
G	6	602.337	2144.252	2128.234	2129.241	2127.238	G[19]
G	7	659.358	2087.231	2071.215	2072.220	2070.204	G[18]
K	8	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	886.485	1973.188	1844.085	1845.093	1843.077	G[16]
L	10	959.569	1893.082	1787.084	1788.071	1786.056	L[15]
G	11	1056.591	1689.958	1673.980	1674.987	1672.972	G[14]
K	12	1226.696	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1581.882	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1737.983	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1875.042	951.585	935.566	936.574	934.558	H[7]
R	19	2031.143	814.526	798.507	799.515	797.499	R[6]
K	20	2187.209	658.425	642.405	643.414	641.398	K[5]
V	21	2286.338	502.268	486.250	487.257	485.272	V[4]
L	22	2399.422	403.239	387.211	388.219	386.203	L[3]
R	23	2555.523	290.140	274.127	275.135	273.119	R[2]
D	24	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=100.83
- ▶ F104903.dat
- ▶ query=q1992_p1
- ▶ precursor=668.642020
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1336.271	1326.261	0.504	1327.757	S[24]
G	2	102.553	1271.746	1263.740	0.504	1263.236	G[23]
R	3	180.603	1243.239	1235.229	1235.733	1234.725	R[22]
G	4	259.114	1165.169	1157.179	1157.683	1156.675	G[21]
K	5	273.153	1136.677	1128.668	1129.172	1128.164	K[20]
G	6	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	415.236	1015.608	1007.599	1008.103	1007.599	K[17]
G	9	443.746	930.525	922.546	923.050	922.542	G[16]
L	10	509.268	902.045	894.035	894.539	893.532	L[15]
G	11	538.799	845.503	837.493	837.997	836.990	G[14]
K	12	613.852	816.992	808.983	809.487	808.479	K[13]
G	13	642.363	731.939	723.930	724.434	723.426	G[12]
G	14	670.873	703.429	695.419	695.923	694.915	G[11]
A	15	698.392	674.918	666.908	667.412	666.405	A[10]
R	16	731.445	639.399	631.390	631.894	630.886	R[9]
R	17	669.495	554.347	546.337	546.841	545.833	R[8]
H	18	938.025	476.296	468.287	468.791	467.783	H[7]
R	19	1016.075	407.747	399.737	400.241	399.233	R[6]
K	20	1094.128	329.716	321.707	322.211	321.203	K[5]
V	21	1143.673	251.663	243.653	244.157	243.149	V[4]
L	22	1200.215	202.119	194.109	194.613	193.605	L[3]
R	23	1278.265	145.577	137.567	138.071	137.063	R[2]
D	24	1335.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

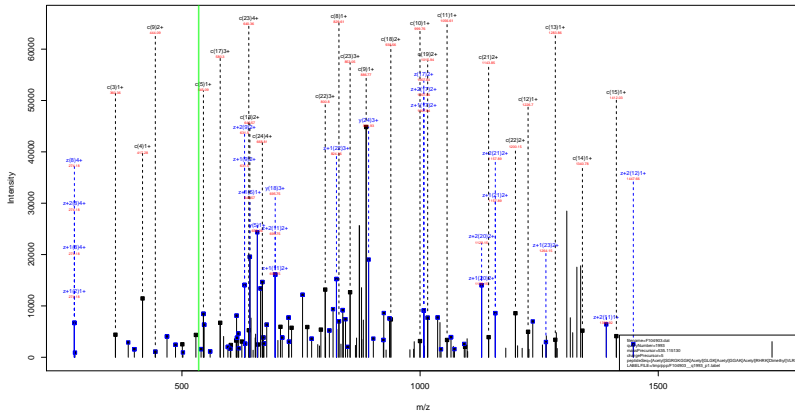
[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=100.83
- ▶ F104903.dat
- ▶ query=q1992_p1
- ▶ precursor=668.642020
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	885.843	0.672	885.507	S[24]
G[2]	58.704	848.195	842.829	0.672	842.493	G[23]
R[3]	150.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	758.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	630.709	615.367	615.703	615.031	G[16]
L[10]	313.681	601.699	596.359	596.695	596.023	L[15]
G[11]	352.868	504.024	558.665	559.001	558.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	483.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.866	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.761	220.146	214.807	215.143	214.471	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	800.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK Acetyl
42.01 GLGK Acetyl
42.01 GGAK Acetyl
42.01 RHRK Dimethyl
28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=92.29
- ▶ F104903.dat
- ▶ query=q1993_p1
- ▶ precursor=535.115130
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2071.534	2055.515	0.000	2054.507	S[24]
G	2	254.598	2542.491	2526.473	0.000	2525.465	G[23]
T	3	300.199	2328.470	2309.451	2670.450	2308.443	T[22]
G	4	417.220	2329.369	2313.350	2314.338	2312.342	G[21]
K	5	545.115	2272.347	2256.329	2257.330	2255.321	K[20]
G	6	602.337	2144.253	2128.234	2129.241	2127.226	G[19]
G	7	659.358	2087.233	2071.212	2072.220	2070.204	G[18]
K	8	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	886.485	1890.104	1884.085	1845.093	1843.077	G[16]
L	10	939.549	1803.082	1787.064	1788.071	1786.056	L[15]
G	11	1056.591	1689.998	1673.980	1674.987	1672.972	G[14]
K	12	1226.696	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.829	1332.810	1333.818	1331.802	A[10]
K	16	1581.882	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1737.983	1197.686	1091.667	1092.675	1090.659	R[8]
H	18	1875.042	991.585	935.566	936.574	934.558	H[7]
R	19	2031.143	814.526	708.507	709.515	707.499	R[6]
K	20	2187.209	658.425	642.406	643.414	641.398	K[5]
V	21	2286.338	502.298	486.280	487.287	485.272	V[4]
L	22	2399.422	401.236	397.211	398.219	396.203	L[3]
D	23	2529.523	290.140	274.127	275.135	273.119	D[2]
D	24	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=92.29
- ▶ F104903.dat
- ▶ query=q1993_p1
- ▶ precursor=535.115130
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1138.271	1126.261	0.504	1327.757	S[24]
G[2]	102.551	1271.748	1263.740	0.504	1263.230	G[23]
R[3]	180.603	1243.239	1243.259	1235.733	1234.725	R[22]
G[4]	259.114	1165.189	1157.179	1157.583	1159.671	G[21]
K[5]	273.151	1138.677	1128.668	1129.172	1128.155	K[20]
G[6]	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	415.216	1015.608	1007.599	1008.103	1007.095	K[17]
G[9]	443.746	930.209	922.546	923.050	922.042	G[16]
L[10]	500.288	902.945	884.035	884.539	883.532	L[15]
G[11]	528.799	845.503	837.493	837.997	836.990	G[14]
K[12]	613.852	816.992	808.983	809.487	808.479	K[13]
G[13]	642.363	731.939	723.930	724.434	723.426	G[12]
G[14]	670.873	703.429	695.419	695.923	694.915	G[11]
A[15]	706.392	674.919	665.909	667.412	666.405	A[10]
R[16]	751.445	639.399	631.390	631.894	630.886	R[9]
R[17]	889.495	554.347	546.337	546.841	545.833	R[8]
H[18]	938.025	476.206	468.287	468.791	467.783	H[7]
R[19]	1016.075	407.767	399.757	400.261	399.253	R[6]
K[20]	1094.138	329.716	321.707	322.211	321.203	K[5]
V[21]	1143.673	251.663	243.653	244.157	243.149	V[4]
L[22]	1200.215	202.119	194.109	194.613	193.605	L[3]
R[23]	1276.265	145.577	137.567	138.071	137.063	R[2]
D[24]	1336.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=92.29
- ▶ F104903.dat
- ▶ query=q1993_p1
- ▶ precursor=535.115130
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	885.841	0.672	885.507	S[24]
G[2]	58.704	848.169	842.829	0.672	842.493	G[23]
R[3]	150.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	798.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	620.799	615.367	615.703	615.031	G[16]
L[10]	313.681	601.699	596.359	596.695	596.023	L[15]
G[11]	352.868	504.024	558.665	559.001	558.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.896	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.761	220.140	214.807	215.143	214.471	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	800.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

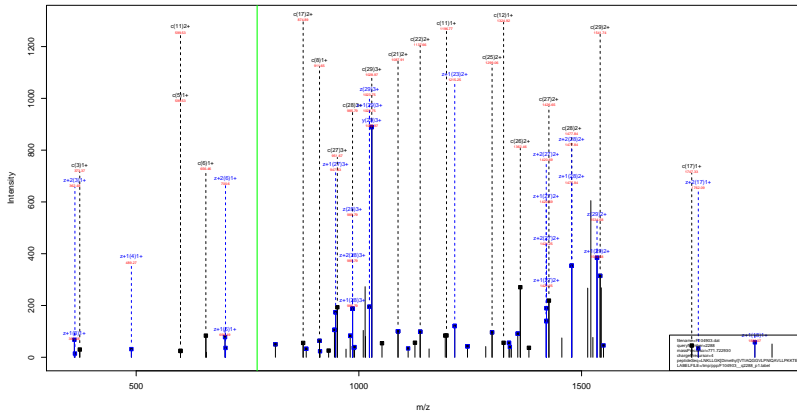
[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=92.29
- ▶ F104903.dat
- ▶ query=q1993_p1
- ▶ precursor=535.115130
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	668.639	664.634	0.755	664.182	S[24]
G[2]	51.780	536.378	632.374	0.755	632.122	G[23]
R[3]	90.805	622.123	618.118	618.370	617.866	R[22]
G[4]	105.061	583.098	579.093	579.345	578.841	G[21]
K[5]	137.084	568.842	564.838	565.090	564.586	K[20]
G[6]	151.340	536.819	532.814	533.066	532.562	G[19]
G[7]	165.595	522.563	518.558	518.810	518.307	G[18]
K[8]	208.121	508.308	504.303	504.555	504.051	K[17]
G[9]	222.377	495.781	491.777	492.029	491.525	G[16]
L[10]	250.048	451.526	447.521	447.773	447.269	L[15]
G[11]	264.303	423.255	419.250	419.502	418.998	G[14]
K[12]	307.430	400.000	404.995	405.247	404.743	K[13]
G[13]	321.685	366.473	362.469	362.721	362.217	G[12]
G[14]	335.940	352.218	348.213	348.465	347.961	G[11]
A[15]	353.700	337.963	333.958	334.210	333.706	A[10]
K[16]	398.226	320.203	316.199	316.451	315.947	K[9]
R[17]	435.251	-77.877	273.672	273.924	273.420	R[8]
H[18]	469.516	238.652	234.647	234.899	234.395	H[7]
R[19]	508.541	204.397	200.392	200.644	200.140	R[6]
K[20]	547.573	165.362	161.357	161.609	161.105	K[5]
V[21]	572.340	126.330	122.325	122.577	122.073	V[4]
L[22]	600.611	101.563	97.558	97.810	97.306	L[3]
R[23]	639.636	73.292	69.287	69.539	69.035	R[2]
D[24]	668.393	34.267	30.262	30.514	30.010	D[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=84.66
- ▶ F104903.dat
- ▶ query=q2288_p1
- ▶ precursor=771.722930
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.461	2430.469	2428.454	K[23]
V[8]	911.640	2389.354	2373.335	2374.343	2372.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1244.867	1909.111	1893.090	1894.108	1892.092	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1603.015	1648.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1748.116	1450.883	1434.864	1435.872	1433.856	T[13]
N[18]	1862.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.605	983.614	981.598	A[9]
V[22]	2273.407	827.587	811.569	812.576	810.561	V[8]
L[23]	2389.491	628.519	612.500	613.508	611.492	L[7]
L[24]	2499.575	415.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.050	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=84.66
- ▶ F104903.dat
- ▶ query=q2288_p1
- ▶ precursor=771.722930
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	66.053	1542.450	1534.440	9.504	1533.936	L 20
N 2	123.054	1485.905	1477.898	1478.402	1477.394	N 20
K 3	187.132	1428.889	1420.877	1421.381	1420.373	K 27
L 4	243.674	1364.839	1356.829	1357.333	1356.325	L 26
L 5	300.216	1308.297	1300.287	1300.791	1299.783	L 25
G 6	358.758	1251.755	1243.745	1244.249	1243.241	G 24
K 7	406.780	1223.244	1215.234	1215.738	1214.731	K 23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V 22
T 9	506.840	1095.646	1087.637	1088.141	1087.133	T 21
T 10	563.390	1045.123	1037.113	1037.617	1036.609	T 20
A 11	598.908	988.581	980.571	981.075	980.067	A 19
Q 12	662.937	933.066	945.053	945.557	944.549	Q 18
G 13	691.448	889.033	881.023	881.527	880.519	G 17
G 14	719.959	860.522	852.513	853.017	852.009	G 16
V 15	769.493	832.011	824.002	824.506	823.498	V 15
L 16	835.035	782.477	774.468	774.972	773.964	L 14
T 17	874.561	728.935	719.926	719.430	717.422	T 13
N 18	931.583	677.400	668.390	669.393	668.385	N 12
I 19	988.125	620.867	612.858	612.862	611.874	I 11
Q 20	1052.154	563.845	555.836	556.340	555.332	Q 10
A 21	1087.673	499.816	491.807	492.310	491.303	A 0
V 22	1137.207	484.297	476.288	476.792	475.784	V 8
L 23	1193.749	414.763	406.754	407.258	406.250	L 7
L 24	1250.291	358.221	350.212	350.716	349.708	L 6
P 25	1298.817	301.679	293.670	294.174	293.166	P 5
K 26	1362.865	253.153	245.143	245.647	244.639	K 4
K 27	1426.912	189.105	181.096	181.600	180.592	K 3
T 28	1477.436	125.058	117.048	117.552	116.544	T 2
E 29	1541.958	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

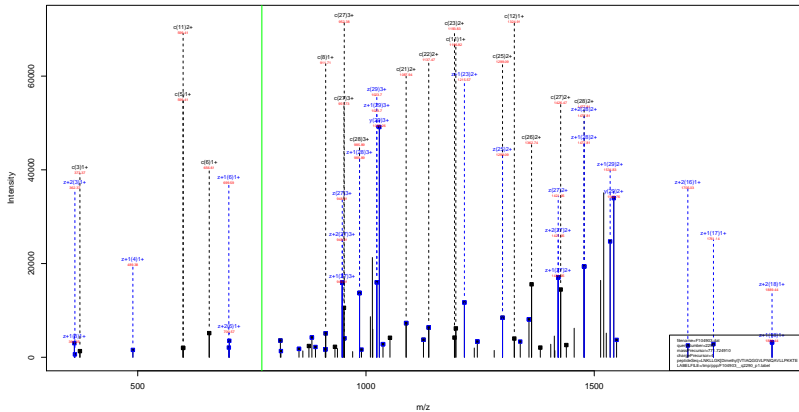
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=84.66
- ▶ F104903.dat
- ▶ query=q2288_p1
- ▶ precursor=771.722930
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	990.941	985.601	985.937	985.265	N[20]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.513	867.104	867.5.30	866.888	L[25]
Q[6]	239.287	834.839	829.499	829.835	829.163	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	793.700	788.450	788.786	788.114	V[22]
T[9]	338.234	776.767	771.427	771.763	771.091	T[21]
I[10]	375.920	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	699.380	694.050	694.386	693.714	A[19]
Q[12]	442.294	639.711	634.371	634.707	634.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.341	G[16]
V[15]	513.131	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	583.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.939	446.267	T[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.810	234.146	233.474	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.700	78.366	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=78.65
- ▶ F104903.dat
- ▶ query=q2290_p1
- ▶ precursor=771.724910
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[28]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2738.670	2722.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.133	1961.143	1959.127	A[19]
Q[12]	1324.867	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1768.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1882.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.509	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=78.65
- ▶ F104903.dat
- ▶ query=q2290_p1
- ▶ precursor=771.724910
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	66.093	1542.450	1534.440	8.504	1533.930	L 20
N 2	123.084	1485.905	1477.898	1478.402	1477.394	N 20
K 3	187.132	1428.889	1420.877	1421.381	1420.373	K 27
L 4	243.674	1364.839	1356.829	1357.333	1356.325	L 26
L 5	300.216	1308.297	1300.287	1300.791	1299.783	L 25
G 6	358.760	1251.755	1243.745	1244.249	1243.241	G 24
K 7	406.799	1223.244	1215.234	1215.738	1214.731	K 23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V 22
F 9	506.840	1095.646	1087.637	1088.141	1087.133	F 21
T 10	563.390	1045.123	1037.113	1037.617	1036.609	T 20
A 11	598.908	1009.581	980.571	981.075	980.067	A 19
Q 12	662.937	953.062	965.033	965.537	944.540	Q 18
G 13	691.448	899.033	881.023	881.527	880.519	G 17
G 14	719.959	860.522	852.513	853.017	852.009	G 16
V 15	769.493	832.011	824.002	824.506	823.498	V 15
L 16	830.035	782.477	774.468	774.972	773.964	L 14
F 17	874.561	728.935	719.926	719.430	717.422	F 13
N 18	931.583	677.400	668.390	669.893	668.885	N 12
I 19	988.125	630.867	612.858	612.862	611.874	I 11
Q 20	1052.154	583.845	555.836	556.340	555.332	Q 10
A 21	1087.673	499.816	491.807	492.310	491.303	A 0
V 22	1137.207	484.297	456.288	456.792	455.784	V 0
L 23	1193.749	414.763	406.754	407.258	406.250	L 1
L 24	1250.291	358.221	350.212	350.716	349.708	L 0
P 25	1298.817	301.679	293.670	294.174	293.166	P 0
K 26	1362.865	253.153	245.143	245.647	244.639	K 4
K 27	1426.912	189.105	181.096	181.600	180.592	K 3
T 28	1477.436	125.058	117.049	117.552	116.544	T 2
E 29	1541.958	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=78.65
- ▶ F104903.dat
- ▶ query=q2290_p1
- ▶ precursor=771.724910
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296		0.672	1022.960 L20
N2	62.392	990.941	985.601	985.937		985.265 N28
K3	125.090	952.926	947.587	947.923		947.251 K27
L4	162.795	910.228	904.889	905.225	904.553	L26
L5	200.479	872.533	867.194	867.530	868.855	L25
G6	219.487	834.839	829.499	829.835	829.161	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	783.790	778.450	778.786	778.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	636.720	630.374	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
F17	583.377	484.292	478.953	479.289	478.617	F13
T18	621.391	451.942	446.603	446.939	446.267	T12
I19	659.088	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A09
V22	758.474	309.867	304.528	304.864	304.192	V08
L23	796.168	276.844	271.505	271.841	271.169	L07
L24	833.983	239.350	233.010	233.346	232.674	L06
P25	869.214	201.655	195.316	195.651	194.979	P05
K26	908.912	169.104	163.765	164.101	163.429	K04
K27	951.611	126.406	121.066	121.402	120.730	K03
T28	985.293	83.708	78.368	78.704	78.032	T02
E29	1028.307	50.025	44.685	45.021	44.349	E01

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=103.71
- ▶ F104903.dat
- ▶ query=q2292_p1
- ▶ precursor=771.725500
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	2067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	3840.740	3841.754	2839.738	K[27]
L[4]	488.340	3728.670	2712.651	2713.659	3711.643	L[26]
L[5]	699.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2302.502	2488.483	2487.491	2485.475	G[24]
K[7]	812.572	2645.480	2429.462	2430.469	2425.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
T[10]	1125.772	2089.238	2073.219	2074.227	2072.211	T[20]
A[11]	1196.809	1076.154	1960.135	1961.143	1059.131	A[19]
Q[12]	1324.867	1909.111	1889.090	1890.108	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1603.015	1648.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1748.116	1450.883	1434.864	1435.872	1433.856	T[13]
N[18]	1862.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.050	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=103.71
- ▶ F104903.dat
- ▶ query=q2292_p1
- ▶ precursor=771.725500
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.063	1542.850	1534.440	8.504	1533.990	L120
N12	123.084	1485.058	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	356.758	1251.795	1243.745	1244.249	1243.241	G124
K17	406.789	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
T19	506.840	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	998.241	990.571	981.075	980.067	A119
G12	652.977	953.062	945.053	945.557	944.549	G118
G13	691.448	899.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	820.035	782.477	774.468	774.972	773.964	L114
T17	874.561	728.935	721.926	722.430	721.422	T113
N18	931.583	677.400	669.390	669.903	668.895	N112
I19	988.125	620.867	612.858	612.862	611.874	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A11	1087.673	499.816	491.807	492.310	491.303	A10
V12	1137.207	484.297	476.288	476.792	475.784	V10
L13	1193.199	414.763	406.754	407.258	406.250	L11
L14	1250.291	358.221	350.212	350.716	349.708	L10
P15	1298.817	301.679	293.670	294.174	293.166	P10
K16	1362.865	253.153	245.143	245.647	244.639	K14
K17	1426.912	189.105	181.096	181.600	180.592	K13
T18	1477.436	125.058	117.049	117.552	116.544	T12
E19	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

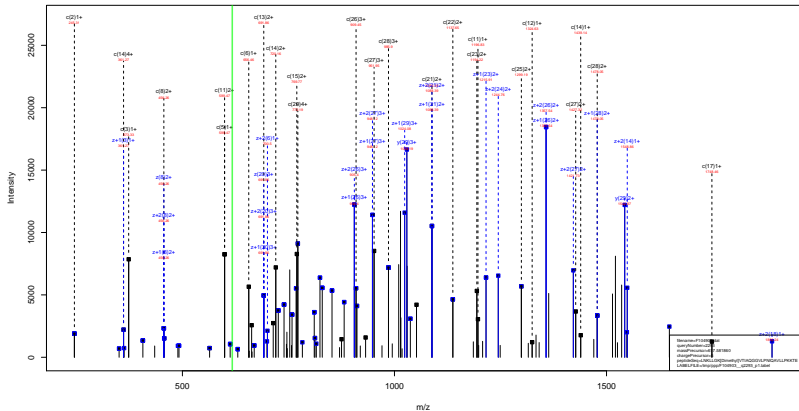
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=103.71
- ▶ F104903.dat
- ▶ query=q2292_p1
- ▶ precursor=771.725500
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296	0.672	1022.960	L 29
N 2	62.392	990.941	985.601	985.937	985.265	N 28
K 3	125.090	952.926	947.587	947.923	947.251	K 27
L 4	162.795	910.229	904.889	905.225	904.553	L 26
L 5	200.479	872.523	867.184	867.520	866.855	L 25
G 6	219.487	834.839	829.499	829.835	829.161	G 24
K 7	271.529	815.832	810.492	810.828	810.158	K 23
V 8	304.552	763.790	758.450	758.786	758.114	V 22
T 9	336.234	730.767	725.427	725.763	725.091	T 21
I 10	375.929	697.084	691.745	692.081	691.409	I 20
A 11	399.608	659.389	654.050	654.386	653.714	A 19
Q 12	442.294	636.720	631.379	631.717	631.035	Q 18
G 13	461.301	593.024	587.685	588.021	587.349	G 17
G 14	480.308	574.017	568.678	569.013	568.342	G 16
V 15	513.331	555.010	549.670	550.006	549.334	V 15
L 16	551.026	521.987	516.648	516.984	516.312	L 14
F 17	583.377	484.292	478.953	479.289	478.617	F 13
Tu 18	621.391	451.942	446.603	446.939	446.266	Tu 12
I 19	659.086	413.927	408.588	408.924	408.252	I 11
Q 20	701.772	376.233	370.893	371.229	370.557	Q 10
A 21	725.451	333.546	328.207	328.543	327.871	A 9
V 22	758.474	309.867	304.528	304.864	304.192	V 8
L 23	796.168	276.844	271.505	271.841	271.169	L 7
L 24	833.863	239.350	234.011	234.346	233.674	L 6
P 25	866.214	201.655	196.316	196.651	195.979	P 5
K 26	908.912	169.104	163.765	164.101	163.429	K 4
K 27	951.611	126.406	121.066	121.402	120.730	K 3
T 28	985.293	83.708	78.368	78.704	78.032	T 2
E 29	1028.307	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=103.32
- ▶ F104903.dat
- ▶ query=q2293_p1
- ▶ precursor=617.581860
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	245.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
G[6]	656.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.269	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.864	1435.872	1433.856	P[13]
T[18]	1862.159	1383.810	1337.791	1338.799	1336.783	T[12]
I[19]	1975.243	1238.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	983.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	693.415	700.424	698.405	L[6]
P[25]	2598.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=103.32
- ▶ F104903.dat
- ▶ query=q2293_p1
- ▶ precursor=617.581860
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L126
N1	123.054	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.888	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1299.791	1299.783	L125
G16	328.228	1251.755	1243.745	1244.249	1243.241	G124
K17	406.789	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
T19	506.640	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A119
G12	602.837	953.060	945.050	945.554	944.546	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	828.035	782.477	774.468	774.972	773.964	L114
T17	874.561	725.935	717.925	718.429	717.421	T113
N18	931.583	677.420	669.399	669.903	668.895	N112
I19	988.125	620.907	612.378	612.882	611.874	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A11	1087.673	499.816	491.807	492.310	491.303	A10
V12	1137.207	484.297	456.288	456.792	455.784	V10
L13	1193.749	414.763	406.754	407.258	406.250	L11
L14	1250.291	358.221	350.212	350.716	349.708	L10
P15	1298.817	301.678	293.670	294.174	293.166	P10
K16	1362.805	253.153	245.143	245.647	244.639	K14
K17	1426.912	189.105	181.096	181.600	180.592	K13
T18	1477.436	125.058	117.048	117.552	116.544	T12
E19	1541.928	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=103.32
- ▶ F104903.dat
- ▶ query=q2293.p1
- ▶ precursor=617.581860
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1023.660	L29
N2	62.302	090.941	985.601	985.937	985.265	N28
K3	125.090	952.929	947.587	947.923	947.251	K27
L4	162.785	910.228	904.889	905.225	904.551	L26
L5	200.479	872.531	867.194	867.530	866.856	L25
G6	239.487	834.839	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
T9	338.234	730.761	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.713	A19
Q12	442.294	626.710	620.371	620.707	620.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.131	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.863	479.209	478.617	P13
N18	621.391	451.942	446.602	446.938	446.265	N12
I19	659.088	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.458	196.119	196.455	195.783	T9
K26	908.912	169.100	163.760	164.100	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

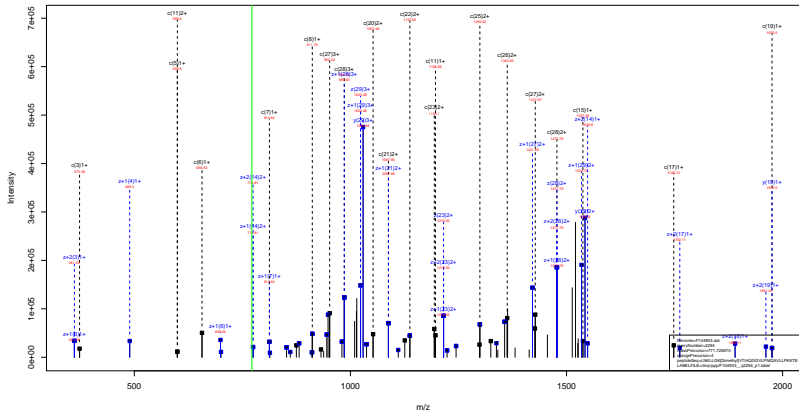
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=103.32
- ▶ F104903.dat
- ▶ query=q2293_p1
- ▶ precursor=617.581860
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
L	1	33.535	771.728	767.724	0.750	767.412	L ₂₉
N	2	62.046	743.451	739.453	739.705	739.201	N ₂₆
K	3	94.059	714.941	710.942	711.194	710.690	K ₂₇
L	4	122.340	687.923	678.918	679.170	678.666	L ₂₆
L	5	150.611	654.652	650.647	650.899	650.395	L ₂₅
G	6	164.867	626.381	622.376	622.628	622.124	G ₂₄
K	7	203.898	612.126	608.121	609.373	607.869	K ₂₃
V	8	228.665	573.094	569.089	569.341	568.837	V ₂₂
T	9	253.927	548.327	544.322	544.574	544.070	T ₂₁
T	10	262.198	523.065	519.060	519.312	518.808	T ₂₀
A	11	269.958	494.794	490.789	491.041	490.537	A ₁₉
Q	12	311.972	477.035	473.030	473.282	472.778	Q ₁₈
G	13	346.728	445.020	441.015	441.267	440.763	G ₁₇
G	14	360.483	430.765	426.760	427.012	426.508	G ₁₆
V	15	385.250	416.509	412.504	412.757	412.253	V ₁₅
L	16	413.521	391.742	387.737	387.989	387.486	L ₁₄
P	17	437.784	363.471	359.466	359.718	359.215	P ₁₃
N	18	466.295	339.208	335.203	335.455	334.951	N ₁₂
T	19	494.566	310.897	306.891	306.945	306.441	T ₁₁
Q	20	525.381	282.426	278.422	278.673	278.170	Q ₁₀
A	21	544.340	250.412	246.407	246.659	246.155	A ₉
V	22	569.107	232.652	228.646	228.900	228.396	V ₈
L	23	597.378	207.885	203.881	204.132	203.629	L ₇
L	24	625.649	179.614	175.609	175.861	175.358	L ₆
P	25	649.912	151.343	147.338	147.590	147.087	P ₅
K	26	681.936	127.080	123.075	123.327	122.823	K ₄
K	27	713.960	95.056	91.052	91.304	90.800	K ₃
T	28	739.222	63.032	59.028	59.280	58.776	T ₂
E	29	771.482	37.771	33.766	34.018	33.514	E ₁

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=103.61
- ▶ F104903.dat
- ▶ query=q2294_p1
- ▶ precursor=771.725670
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2738.670	2722.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.460	2429.442	2430.450	2428.434	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.269	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1925.111	1899.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1869.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.761	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=103.61
- ▶ F104903.dat
- ▶ query=q2294_p1
- ▶ precursor=771.725670
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	8.504	1533.930	L198
N12	123.084	1485.905	1477.898	1478.402	1477.394	N108
K13	187.132	1428.889	1420.877	1421.381		K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.758	1251.795	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.840	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T120
A11	598.908	988.581	980.571	981.075	980.067	A119
G12	662.977	933.060	945.053	945.557	944.549	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	830.035	782.477	774.468	774.972	773.964	L114
F17	874.561	728.935	721.928	722.432	721.424	F113
N18	931.583	677.400	669.390	669.903	668.895	N112
I19	988.125	630.867	622.878	623.382	622.374	I111
Q10	1052.154	583.845	575.836	576.340	575.332	Q110
A11	1087.673	499.816	491.807	492.310	491.303	A10
V12	1137.207	484.297	476.288	476.792	475.784	V19
L13	1193.749	414.763	406.754	407.258	406.250	L17
L14	1250.291	358.221	350.212	350.716	349.708	L16
P15	1288.817	301.679	293.670	294.174	293.166	P15
K16	1362.865	253.153	245.143	245.647	244.639	K14
K17	1426.912	189.105	181.096	181.600	180.592	K13
T18	1477.436	125.058	117.048	117.552	116.544	T12
E19	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

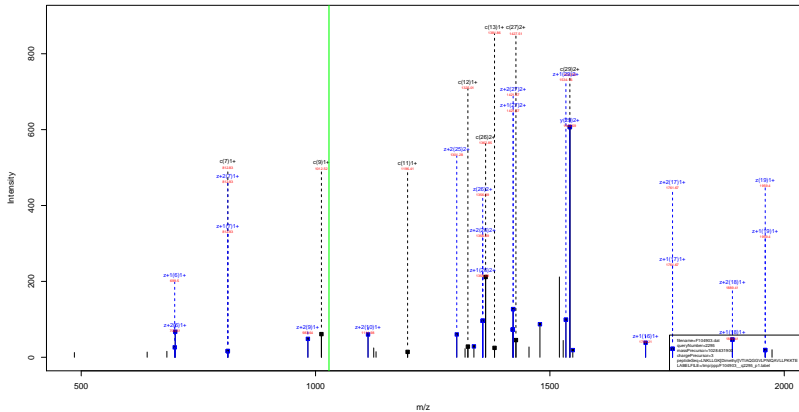
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=103.61
- ▶ F104903.dat
- ▶ query=q2294_p1
- ▶ precursor=771.725670
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		0.672	1022.960 L 29
N 2	62.392	990.941	985.601	985.937		985.265 N 28
K 3	125.090	952.026	947.587	947.923		947.251 K 27
L 4	162.795	910.229	904.889	905.225		904.553 L 26
L 5	200.479	872.523	867.124	867.550		866.955 L 25
G 6	219.487	834.839	829.409	829.835		829.163 G 24
K 7	271.529	815.832	810.492	810.828		810.156 K 23
V 8	304.552	763.790	758.450	758.786		758.114 V 22
T 9	336.234	730.767	725.427	725.763		725.091 T 21
I 10	375.929	697.084	691.745	692.081		691.409 I 20
A 11	399.608	659.389	654.050	654.386		653.714 A 19
Q 12	442.294	636.720	630.374	630.707		630.035 Q 18
G 13	461.301	593.024	587.685	588.021		587.349 G 17
G 14	480.308	574.017	568.678	569.013		568.342 G 16
V 15	513.331	555.010	549.670	550.006		549.334 V 15
L 16	551.026	521.987	516.648	516.984		516.312 L 14
F 17	583.377	484.292	478.953	479.289		478.617 F 13
Tu 18	621.391	451.942	446.603	446.939		446.266 Tu 12
I 19	659.086	413.927	408.588	408.924		408.252 I 11
Q 20	701.772	376.213	370.893	371.229		370.557 Q 10
A 21	725.451	333.546	328.207	328.543		327.871 A 9
V 22	758.474	309.867	304.528	304.864		304.192 V 8
L 23	796.168	276.844	271.505	271.841		271.169 L 7
L 24	833.863	239.350	233.910	234.246		233.474 L 6
P 25	866.214	201.655	196.116	196.451		195.785 P 5
K 26	908.912	169.104	163.765	164.101		163.429 K 4
K 27	951.611	126.406	121.066	121.402		120.730 K 3
T 28	985.293	83.708	78.368	78.704		78.032 T 2
E 29	1028.307	50.025	44.685	45.021		44.349 E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.60
- ▶ F104903.dat
- ▶ query=q2295_p1
- ▶ precursor=1028.631900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3083.802	2067.873	0.000	3066.865	L 26
N 2	245.161	2970.808	2954.789	2955.797	2953.781	N 28
K 3	373.256	2856.765	3840.740	3841.754	3839.738	K 27
L 4	486.340	2728.670	2712.651	2713.659	2711.643	L 26
L 5	599.424	2615.586	2599.567	2600.575	2598.559	L 25
G 6	699.495	2502.502	2486.483	2487.491	2485.475	G 24
K 7	812.572	2445.480	2429.462	2430.469	2428.454	K 23
V 8	911.640	2289.354	2273.335	2274.343	2272.327	V 22
T 9	1012.688	2190.266	2174.267	2175.275	2173.259	T 21
I 10	1125.772	2089.238	2073.219	2074.227	2072.211	I 20
A 11	1196.809	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.867	1909.111	1893.099	1894.106	1892.090	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.910	1720.037	1704.018	1705.026	1703.010	G 16
V 15	1537.979	1603.015	1646.997	1648.004	1646.989	V 15
L 16	1651.063	1563.947	1547.928	1548.936	1546.920	L 14
T 17	1768.116	1450.883	1434.864	1435.872	1433.856	T 13
N 18	1892.159	1353.810	1337.791	1338.799	1336.783	N 12
I 19	1975.243	1239.767	1223.748	1224.756	1222.741	I 11
Q 20	2103.301	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.338	998.624	982.606	983.614	981.598	A 9
V 22	2273.407	927.587	911.568	912.576	910.561	V 8
L 23	2389.491	826.519	810.500	811.508	811.492	L 7
L 24	2499.575	715.435	699.416	700.424	698.408	L 6
P 25	2596.628	602.351	586.332	587.340	585.324	P 5
K 26	2724.723	505.298	489.279	490.287	488.271	K 4
K 27	2852.818	377.203	361.184	362.192	360.177	K 3
T 28	2953.865	249.108	233.089	234.097	232.082	T 2
E 29	3082.908	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

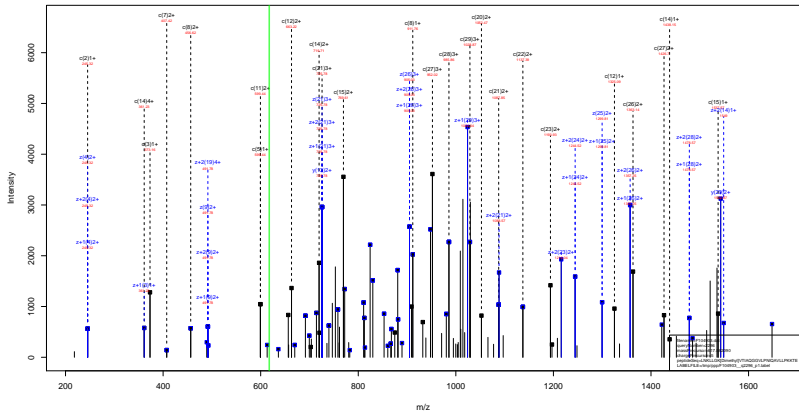
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.60
- ▶ F104903.dat
- ▶ query=q2295_p1
- ▶ precursor=1028.631900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.936	L126
N1	123.054	1485.905	1477.898	1478.402	1477.394	N20
K1	187.132	1428.889	1420.877	1421.381	1420.373	K27
L1	243.674	1364.839	1356.829	1357.333	1356.325	L26
L1	300.216	1308.297	1300.287	1300.791	1299.783	L25
G1	358.759	1251.755	1243.745	1244.249	1243.241	G24
K1	406.799	1223.244	1215.234	1215.738	1214.731	K23
V1	456.324	1145.181	1137.171	1137.675	1136.667	V22
F1	506.849	1095.646	1087.637	1088.141	1087.133	F21
T1	563.390	1045.123	1037.113	1037.617	1036.609	T20
A1	608.908	988.581	980.571	981.075	980.067	A19
Q1	662.937	933.062	925.053	925.557	924.549	Q18
G1	691.448	889.033	881.023	881.527	880.519	G17
G1	719.959	860.522	852.513	853.017	852.009	G16
V1	769.493	832.011	824.002	824.506	823.498	V15
L1	826.035	782.477	774.468	774.972	773.964	L14
F1	874.581	728.935	720.926	721.430	720.422	F13
N1	911.583	677.400	669.390	669.893	668.885	N12
I1	968.125	620.867	612.858	613.362	612.354	I11
Q1	1052.154	563.845	555.836	556.340	555.332	Q10
A1	1087.673	499.816	491.807	492.310	491.303	A0
V1	1127.207	484.297	476.288	476.792	475.784	V9
L1	1193.749	414.763	406.754	407.258	406.250	L1
L1	1250.291	358.221	350.212	350.716	349.708	L0
P1	1298.817	301.679	293.670	294.174	293.166	P9
K1	1362.865	253.153	245.143	245.647	244.639	K4
K1	1426.912	189.105	181.096	181.600	180.592	K3
T1	1477.438	125.058	117.049	117.552	116.544	T2
E1	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=98.64
- ▶ F104903.dat
- ▶ query=q2296_p1
- ▶ precursor=617.582090
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
L	1	131.118	2083.892	2067.873	0.000	2066.865	L ₂₉
N	2	245.161	2070.808	2054.789	2055.797	2053.781	N ₂₈
K	3	373.256	2056.765	2040.746	2041.754	2039.738	K ₂₇
L	4	480.240	2728.670	2712.651	2713.659	2711.643	L ₂₆
L	5	599.224	2315.588	2299.567	2300.575	2298.559	L ₂₅
G	6	656.445	2502.502	2486.481	2487.491	2485.475	G ₂₄
K	7	812.572	2245.408	2429.402	2430.409	2428.404	K ₂₃
V	8	911.640	2289.354	2273.335	2274.343	2272.327	V ₂₂
T	9	1012.688	2190.288	2174.267	2175.275	2173.259	T ₂₁
I	10	1125.722	2089.230	2073.210	2074.227	2072.211	I ₂₀
A	11	1196.809	1976.154	1960.135	1961.143	1959.127	A ₁₉
Q	12	1324.867	1925.111	1889.090	1890.108	1888.090	Q ₁₈
G	13	1381.889	1777.058	1761.039	1762.047	1760.032	G ₁₇
G	14	1438.910	1720.037	1704.018	1705.026	1703.010	G ₁₆
V	15	1537.979	1663.015	1646.997	1648.004	1646.989	V ₁₅
L	16	1651.063	1563.947	1547.928	1548.936	1546.920	L ₁₄
P	17	1748.116	1450.863	1434.844	1435.852	1433.836	P ₁₃
T	18	1862.159	1333.813	1317.792	1318.799	1316.783	T ₁₂
I	19	1975.243	1230.787	1223.748	1224.756	1222.741	I ₁₁
Q	20	2103.301	1120.683	1110.664	1111.672	1109.656	Q ₁₀
A	21	2174.338	998.624	982.606	983.614	981.598	A ₉
V	22	2273.407	927.587	911.569	912.576	910.561	V ₈
L	23	2386.491	828.519	812.500	813.508	811.492	L ₇
L	24	2489.576	735.435	695.416	700.424	698.408	L ₆
L	25	2598.638	662.351	546.132	547.140	545.124	L ₅
K	26	2724.723	505.295	485.279	490.287	488.271	K ₄
K	27	2852.818	377.203	361.184	362.192	360.177	K ₃
T	28	2953.865	249.108	233.089	234.097	232.082	T ₂
E	29	3082.908	148.060	132.942	133.950	131.934	E ₁

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=98.64
- ▶ F104903.dat
- ▶ query=q2296_p1
- ▶ precursor=617.582090
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	9.504	1533.990	L120
N12	123.034	1485.908	1477.898	1478.402	1477.394	N08
K13	187.132	1428.898	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.298	1251.795	1243.745	1244.249	1243.241	G24
K17	406.789	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
T19	506.640	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.561	980.571	981.075	980.067	A19
G12	602.837	953.065	945.053	945.557	944.549	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	820.935	782.477	774.468	774.972	773.964	L14
T17	874.561	725.935	717.925	718.429	717.421	T13
N18	931.583	677.402	669.399	669.903	668.895	N12
I19	988.125	620.367	612.358	612.862	611.854	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	484.297	456.288	456.792	455.784	V8
L23	1193.709	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.213	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.805	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.049	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=98.64
- ▶ F104903.dat
- ▶ query=q2296_p1
- ▶ precursor=617.582090
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296	0.672	1022.660	L 26
N 2	62.362	990.941	985.601	985.937	985.265	N 28
K 3	125.000	952.920	947.587	947.923	947.251	K 27
L 4	162.785	910.228	904.889	905.225	904.553	L 26
L 5	200.479	872.531	867.194	867.530	866.853	L 25
G 6	219.487	836.830	829.499	829.835	829.163	G 24
K 7	271.529	815.830	810.492	810.828	810.156	K 23
V 8	304.552	783.790	758.450	758.786	758.114	V 22
T 9	338.234	733.767	725.427	725.763	725.091	T 21
I 10	375.929	697.084	691.745	692.081	691.409	I 20
A 11	399.608	669.389	654.050	654.386	653.714	A 19
Q 12	442.294	635.710	630.371	630.707	630.035	Q 18
G 13	461.301	593.024	587.685	588.021	587.349	G 17
G 14	480.308	574.017	568.678	569.013	568.342	G 16
V 15	513.331	555.010	549.670	550.006	549.334	V 15
L 16	551.026	521.997	516.648	516.984	516.312	L 14
P 17	583.377	484.292	478.953	479.289	478.617	P 13
Tu 18	603.391	493.943	449.002	448.938	448.266	Tu 18
I 19	659.088	413.927	408.588	408.924	408.252	I 11
Q 20	701.772	376.231	370.893	371.229	370.557	Q 10
A 21	725.451	333.540	328.207	328.543	327.871	A 9
V 22	758.474	309.867	304.528	304.864	304.192	V 8
L 23	796.168	276.844	271.505	271.841	271.169	L 7
L 24	833.863	238.190	233.850	234.186	233.514	L 6
P 25	866.214	201.450	196.110	196.451	195.785	P 5
K 26	908.912	169.104	163.765	164.101	163.429	K 4
K 27	951.611	128.409	121.066	121.402	120.730	K 3
T 28	985.293	83.708	78.368	78.704	78.032	T 2
E 29	1028.307	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=98.64
- ▶ F104903.dat
- ▶ query=q2296_p1
- ▶ precursor=617.582090
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
L	1	33.535	771.728	767.724	0.756	767.472	L	29
N	2	62.046	731.557	739.453	739.705	739.201	N	28
K	3	94.059	714.947	710.942	711.194	710.690	K	27
L	4	122.340	692.923	678.918	679.170	678.666	L	26
L	5	150.611	654.652	650.647	650.899	650.395	L	25
G	6	164.867	626.381	622.376	622.628	622.124	G	24
K	7	203.898	612.126	608.121	608.373	607.869	K	23
V	8	228.665	573.094	569.089	569.341	568.837	V	22
T	9	253.927	548.327	544.322	544.574	544.070	T	21
I	10	262.198	523.065	519.060	519.312	518.808	I	20
A	11	269.958	494.794	490.789	491.041	490.537	A	19
Q	12	331.972	477.035	473.030	473.282	472.778	Q	18
G	13	346.228	445.020	441.015	441.267	440.763	G	17
G	14	360.483	430.765	426.760	427.012	426.508	G	16
V	15	385.250	416.509	412.504	412.757	412.253	V	15
L	16	413.521	391.742	387.737	387.989	387.486	L	14
P	17	437.784	363.471	359.466	359.718	359.215	P	13
N	18	466.295	339.208	335.203	335.455	334.951	N	12
I	19	494.566	310.897	306.891	307.143	306.641	I	11
Q	20	525.381	282.426	278.421	278.673	278.170	Q	10
A	21	544.340	250.412	246.407	246.659	246.155	A	9
V	22	569.107	232.652	228.647	228.900	228.396	V	8
L	23	597.378	207.885	203.881	204.132	203.629	L	7
L	24	625.649	179.614	175.609	175.861	175.358	L	6
P	25	649.912	151.343	147.338	147.590	147.087	P	5
K	26	681.936	127.080	123.075	123.327	122.823	K	4
K	27	713.960	95.056	91.052	91.304	90.800	K	3
T	28	739.222	63.032	59.028	59.280	58.776	T	2
E	29	771.482	37.771	33.766	34.018	33.514	E	1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=136.68
- ▶ F104903.dat
- ▶ query=q2297_p1
- ▶ precursor=617.582130
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2938.769	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	836.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.269	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1865.111	1849.090	1850.106	1848.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.509	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.249	490.257	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=136.68
- ▶ F104903.dat
- ▶ query=q2297_p1
- ▶ precursor=617.582130
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L126
N12	123.054	1485.905	1477.898	1478.402	1477.394	N120
K13	157.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	328.299	1254.755	1246.745	1244.240	1243.231	G124
K17	404.789	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
T19	506.848	1095.646	1087.637	1088.141	1087.133	T121
T110	563.390	1045.123	1037.113	1037.617	1036.609	T120
A111	596.908	998.581	990.571	991.075	990.067	A119
G112	602.837	953.062	945.053	945.557	944.549	G118
G113	691.448	899.033	891.023	891.527	890.519	G117
G114	719.959	860.522	852.513	853.017	852.009	G116
V115	769.493	832.011	824.002	824.506	823.498	V115
L116	820.935	782.477	774.468	774.972	773.964	L114
T117	874.561	725.935	717.925	718.429	717.421	T118
N118	931.583	677.422	669.399	669.903	668.895	N112
L119	988.125	630.917	622.907	623.411	622.403	L111
Q120	1052.154	563.845	555.836	556.340	555.332	Q110
A121	1087.673	499.816	491.807	492.310	491.303	A10
V122	1137.207	484.297	456.288	456.792	455.784	V18
L123	1193.759	414.763	406.754	407.258	406.250	L11
L124	1250.291	358.221	350.212	350.716	349.708	L16
P125	1298.817	301.679	293.670	294.174	293.166	P15
K126	1362.905	253.153	245.143	245.647	244.639	K14
K127	1428.917	189.105	181.096	181.600	180.592	K13
T128	1477.436	125.058	117.048	117.552	116.544	T12
E129	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=136.68
- ▶ F104903.dat
- ▶ query=q2297_p1
- ▶ precursor=617.582130
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.960	L20
N2	62.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.587	947.923	947.251	K27
L4	162.785	910.228	904.889	905.225	904.553	L26
L5	200.479	872.531	867.194	867.932	866.858	L25
G6	239.487	834.832	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	389.608	699.380	654.250	654.388	653.714	A19
Q12	442.294	626.710	630.374	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.963	479.289	478.617	P13
N18	621.301	451.942	446.602	446.938	446.265	N12
I19	659.088	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	863.883	239.150	233.810	234.146	233.474	L6
T25	846.214	201.493	196.154	196.490	195.818	T5
K26	908.912	169.100	163.760	164.100	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

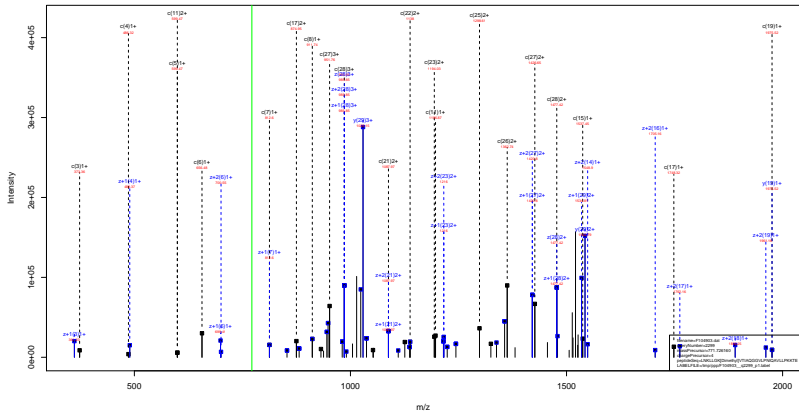
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=136.68
- ▶ F104903.dat
- ▶ query=q2297_p1
- ▶ precursor=617.582130
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
L	1	33.535	771.728	767.724	0.756	767.472	L	29
N	2	62.046	731.557	739.453	739.705	739.201	N	28
K	3	94.059	714.947	710.942	711.194	710.690	K	27
L	4	122.340	692.923	678.918	679.170	678.666	L	26
L	5	150.611	654.652	650.647	650.899	650.395	L	25
G	6	164.867	626.381	622.376	622.628	622.124	G	24
K	7	203.898	612.126	608.121	608.373	607.869	K	23
V	8	228.665	573.094	569.089	569.341	568.837	V	22
T	9	253.927	548.327	544.322	544.574	544.070	T	21
I	10	262.198	523.065	519.060	519.312	518.808	I	20
A	11	269.958	494.794	490.789	491.041	490.537	A	19
Q	12	311.972	477.035	473.030	473.282	472.778	Q	18
G	13	346.728	445.020	441.015	441.267	440.763	G	17
G	14	360.483	430.765	426.760	427.012	426.508	G	16
V	15	385.250	416.509	412.504	412.757	412.253	V	15
L	16	413.521	391.742	387.737	387.989	387.486	L	14
P	17	437.784	363.471	359.466	359.718	359.215	P	13
N	18	466.295	339.208	335.203	335.455	334.951	N	12
I	19	494.566	310.897	306.891	307.143	306.641	I	11
Q	20	525.381	282.426	278.421	278.673	278.170	Q	10
A	21	544.340	250.412	246.407	246.659	246.155	A	9
V	22	569.107	232.652	228.647	228.900	228.396	V	8
L	23	597.378	207.885	203.881	204.132	203.629	L	7
L	24	625.649	179.614	175.609	175.861	175.358	L	6
P	25	649.912	151.343	147.338	147.590	147.087	P	5
K	26	681.936	127.080	123.075	123.327	122.823	K	4
K	27	713.960	95.056	91.052	91.304	90.800	K	3
T	28	739.222	63.032	59.028	59.280	58.776	T	2
E	29	771.462	37.771	33.766	34.018	33.514	E	1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=110.04
- ▶ F104903.dat
- ▶ query=q2299_p1
- ▶ precursor=771.726160
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[20]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[20]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2738.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2589.567	2600.575	2598.559	L[25]
G[6]	638.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1925.111	1899.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1661.015	1645.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1862.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.761	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=110.04
- ▶ F104903.dat
- ▶ query=q2299_p1
- ▶ precursor=771.726160
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	8.504	1533.930	L126
N1	123.084	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.889	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1356.829	1357.333	1356.325	L126
L1	300.216	1308.297	1300.287	1300.791	1299.783	L125
G1	358.758	1251.755	1243.745	1244.249	1243.241	G124
K1	406.799	1223.244	1215.234	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
F1	506.840	1095.646	1087.637	1088.141	1087.133	F121
T1	563.390	1045.123	1037.113	1037.617	1036.609	T120
A1	598.908	998.581	990.571	991.075	990.067	A119
Q1	662.937	953.060	945.053	945.557	944.549	Q118
G1	691.448	899.033	891.023	891.527	890.519	G117
G1	719.959	860.522	852.513	853.017	852.009	G116
V1	769.493	832.011	824.002	824.506	823.498	V115
L1	830.035	782.477	774.468	774.972	773.964	L114
F1	874.561	728.935	721.928	722.432	721.424	F113
N1	931.583	677.400	669.390	669.893	668.885	N112
I1	988.125	630.867	622.858	623.362	622.354	I111
Q1	1052.154	583.845	575.836	576.340	575.332	Q110
A1	1087.673	499.816	491.807	492.310	491.303	A10
V1	1137.207	484.297	476.288	476.792	475.784	V10
L1	1193.749	414.763	406.754	407.258	406.250	L10
L1	1250.291	358.221	350.212	350.716	349.708	L10
P1	1298.817	301.679	293.670	294.174	293.166	P10
K1	1362.865	253.153	245.143	245.647	244.639	K10
K1	1426.912	189.105	181.096	181.600	180.592	K10
T1	1477.436	125.058	117.049	117.552	116.544	T10
E1	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=110.04
- ▶ F104903.dat
- ▶ query=q2299_p1
- ▶ precursor=771.726160
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1023.960	L29
N2	62.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.326	947.587	947.923	947.251	K27
L4	162.785	910.228	904.889	905.225	904.551	L26
L5	200.479	872.531	867.194	867.530	866.858	L25
G6	239.487	834.835	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	783.790	778.450	778.786	778.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	626.710	621.371	621.707	621.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.131	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.863	479.200	478.527	P13
N18	621.301	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.493	196.154	196.490	195.818	T5
K26	908.912	169.100	163.760	164.100	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.04
- ▶ F104903.dat
- ▶ query=q2300_p1
- ▶ precursor=771.726230
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.895	L[28]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2738.670	2712.651	2713.659	2711.643	L[26]
L[5]	597.424	2615.585	2589.567	2600.575	2598.559	L[25]
G[6]	656.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1214.857	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1708.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.509	813.508	811.492	L[7]
L[24]	2489.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.04
- ▶ F104903.dat
- ▶ query=q2300_p1
- ▶ precursor=771.726230
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
L	1	66.053	1542.450	1524.440	9.504	1533.930	L126
N	2	123.054	1485.055	1477.898	1478.402	1477.394	N120
K	3	187.132	1428.889	1420.877	1421.381	1420.373	K127
L	4	243.674	1364.839	1356.829	1357.333	1356.325	L126
L	5	300.216	1308.297	1300.287	1300.791	1299.783	L125
G	6	358.758	1251.795	1243.745	1244.249	1243.241	G124
K	7	406.790	1223.244	1215.234	1215.738	1214.731	K123
V	8	456.324	1145.181	1137.171	1137.675	1136.667	V122
T	9	506.840	1095.646	1087.637	1088.141	1087.133	T121
T	10	563.390	1045.123	1037.113	1037.617	1036.609	T120
A	11	598.908	988.581	980.571	981.075	980.067	A119
G	12	657.937	953.062	945.053	945.557	944.549	G118
G	13	691.448	899.033	891.023	891.527	890.519	G117
G	14	719.959	860.522	852.513	853.017	852.009	G116
V	15	769.493	832.011	824.002	824.506	823.498	V115
L	16	826.035	782.477	774.468	774.972	773.964	L114
T	17	874.581	728.935	721.926	722.430	721.422	T113
N	18	931.583	677.400	669.390	669.893	668.885	N112
I	19	988.125	620.867	612.858	613.362	612.354	I111
Q	20	1052.154	563.845	555.836	556.340	555.332	Q110
A	21	1087.673	499.816	491.807	492.310	491.303	A10
V	22	1127.207	494.297	486.288	486.792	485.784	V10
L	23	1193.709	434.763	426.754	427.258	426.250	L1
L	24	1250.291	358.221	350.212	350.716	349.708	L10
P	25	1288.817	301.679	293.670	294.174	293.166	P10
K	26	1362.865	253.153	245.143	245.647	244.639	K10
K	27	1426.912	189.105	181.096	181.600	180.592	K10
T	28	1477.436	125.058	117.048	117.552	116.544	T10
E	29	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

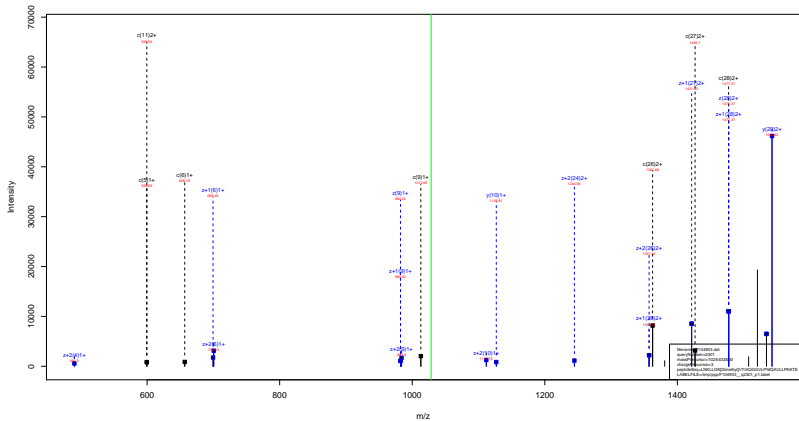
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=33.04
- ▶ F104903.dat
- ▶ query=q2300_p1
- ▶ precursor=771.726230
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296	0.672	1022.960	L 20
N 2	62.392	990.941	985.601	985.937	985.265	N 28
K 3	125.000	952.926	947.587	947.923	947.251	K 27
L 4	162.785	910.228	904.889	905.225	904.553	L 26
L 5	200.479	872.533	867.194	867.530	866.855	L 25
G 6	219.487	836.830	829.499	829.835	829.161	G 24
K 7	271.529	815.832	810.492	810.828	810.154	K 23
V 8	304.552	783.790	778.450	778.786	778.114	V 22
T 9	338.234	730.767	725.427	725.763	725.091	T 21
I 10	375.929	697.084	691.745	692.081	691.409	I 20
A 11	399.608	659.389	654.050	654.386	653.714	A 19
Q 12	442.294	639.710	630.371	630.707	630.033	Q 18
G 13	461.301	593.024	587.585	588.021	587.349	G 17
G 14	480.308	574.017	568.678	569.013	568.342	G 16
V 15	513.331	555.010	549.670	550.006	549.334	V 15
L 16	551.026	521.997	516.648	516.984	516.312	L 14
P 17	583.377	484.292	478.953	479.289	478.617	P 13
Tu 18	603.391	493.943	489.602	489.938	489.266	Tu 18
I 19	659.088	413.927	408.588	408.924	408.252	I 11
Q 20	701.772	376.231	370.893	371.229	370.557	Q 10
A 21	725.451	333.540	328.201	328.543	327.871	A 9
V 22	758.474	309.867	304.528	304.864	304.192	V 8
L 23	796.168	276.844	271.505	271.841	271.169	L 7
L 24	813.863	239.190	233.850	234.186	233.514	L 6
P 25	856.214	201.450	196.110	196.451	195.779	P 5
K 26	908.912	169.104	163.765	164.101	163.429	K 4
K 27	951.611	128.409	121.069	121.402	120.730	K 3
T 28	985.293	83.708	78.368	78.704	78.032	T 2
E 29	1028.307	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=29.21
- ▶ F104903.dat
- ▶ query=q2301_p1
- ▶ precursor=1028.632600
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3087.873	0.000	3086.895	L129
N2	245.161	2970.838	2954.789	2955.797	2951.781	N28
K3	373.256	2856.795	2860.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.588	2599.567	2600.575	2598.560	L25
Q6	656.445	2502.507	2486.483	2487.491	2485.475	Q24
K7	812.572	2445.480	2429.462	2430.469	2428.454	K23
V8	911.640	2389.354	2373.335	2374.343	2372.327	V22
T9	1012.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.859	1976.154	1960.135	1961.143	1959.127	A19
Q12	1224.887	1909.117	1893.098	1894.106	1892.090	Q18
G13	1361.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.015	1646.997	1648.004	1645.989	V15
L16	1651.063	1561.947	1545.928	1546.936	1544.920	L14
P17	1748.116	1496.863	1480.844	1481.852	1479.836	P13
T18	1862.159	1393.810	1377.791	1378.799	1376.783	T12
I19	1975.243	1292.767	1276.748	1277.756	1275.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.438	699.418	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.290	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2951.895	249.108	233.089	234.097	232.082	T2
E29	3082.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

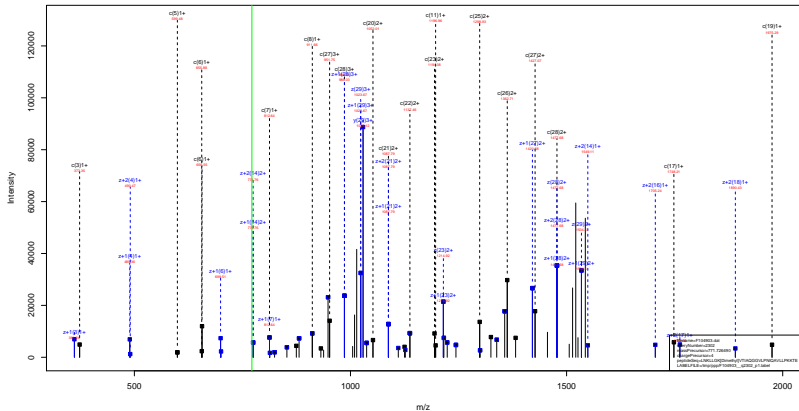
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=29.21
- ▶ F104903.dat
- ▶ query=q2301_p1
- ▶ precursor=1028.632600
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	66.053	1542.450	1534.440	9.504	1533.936	L120
N 2	123.054	1485.905	1477.898	1478.402	1477.394	N08
K 3	187.132	1428.889	1420.877	1421.381	1420.373	K27
L 4	243.674	1364.839	1356.829	1357.333	1356.325	L26
L 5	300.216	1308.297	1300.287	1309.791	1299.783	L25
G 6	358.759	1251.755	1243.745	1244.249	1243.241	G24
K 7	406.799	1223.244	1215.234	1215.738	1214.731	K23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V22
T 9	506.849	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A19
Q12	662.937	933.062	925.053	925.557	924.549	Q18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.035	782.477	774.468	774.972	773.964	L14
T17	874.581	728.935	720.926	721.430	720.422	T13
N18	931.583	677.400	669.390	669.893	668.885	N12
I19	988.125	620.867	612.858	613.362	612.354	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.049	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=108.80
- ▶ F104903.dat
- ▶ query=q2302_p1
- ▶ precursor=771.726490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2935.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.460	2429.442	2430.450	2428.434	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.269	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1865.111	1849.098	1690.106	1888.096	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1868.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.761	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	992.606	993.614	991.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.515	813.509	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	596.332	597.340	595.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	243.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=108.80
- ▶ F104903.dat
- ▶ query=q2302_p1
- ▶ precursor=771.726490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.850	1534.440	0.504	1533.936	L126
N12	123.084	1485.058	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1309.791	1299.783	L125
G16	358.758	1251.795	1243.745	1244.249	1243.241	G124
K17	406.789	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
T19	506.840	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	989.571	991.075	990.067	A119
Q12	662.937	933.060	940.053	948.557	944.549	Q118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	820.035	782.477	774.468	774.972	773.964	L114
T17	874.561	728.935	731.928	738.930	737.922	T113
N18	931.583	677.400	680.390	689.903	688.895	N112
I19	988.125	620.867	612.378	612.882	611.874	I111
Q20	1052.154	563.845	555.838	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	484.297	456.288	456.792	455.784	V19
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.213	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P15
K26	1362.865	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=108.80
- ▶ F104903.dat
- ▶ query=q2302_p1
- ▶ precursor=771.726490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		0.672	1022.960 L 29
N 2	62.392	990.941	985.601	985.937		985.265 N 28
K 3	125.090	952.026	947.587	947.923		947.251 K 27
L 4	162.795	910.229	904.889	905.225		904.553 L 26
L 5	200.479	872.523	867.124	867.550		866.955 L 25
G 6	219.487	834.839	829.409	829.835		829.163 G 24
K 7	271.529	815.832	810.492	810.828		810.156 K 23
V 8	304.552	763.790	758.450	758.786		758.114 V 22
T 9	336.234	730.767	725.427	725.763		725.091 T 21
I 10	375.929	697.084	691.745	692.081		691.409 I 20
A 11	399.608	659.389	654.050	654.386		653.714 A 19
Q 12	442.294	636.720	630.374	630.707		630.035 Q 18
G 13	461.301	593.024	587.685	588.021		587.349 G 17
G 14	480.308	574.017	568.678	569.013		568.342 G 16
V 15	513.331	555.010	549.670	550.006		549.334 V 15
L 16	551.026	521.987	516.648	516.984		516.312 L 14
F 17	583.377	484.292	478.953	479.289		478.617 F 13
Tu 18	621.391	451.942	446.603	446.939		446.266 Tu 12
I 19	659.086	413.927	408.588	408.924		408.252 I 11
Q 20	701.772	376.233	370.893	371.229		370.557 Q 10
A 21	725.451	333.546	328.207	328.543		327.871 A 9
V 22	758.474	309.867	304.528	304.864		304.192 V 8
L 23	796.168	276.844	271.505	271.841		271.169 L 7
L 24	833.863	239.350	233.910	234.246		233.574 L 6
P 25	866.214	201.655	196.116	196.451		195.780 P 5
K 26	908.912	169.104	163.765	164.101		163.429 K 4
K 27	951.611	126.406	121.066	121.402		120.730 K 3
T 28	985.293	83.708	78.368	78.704		78.032 T 2
E 29	1028.307	50.025	44.685	45.021		44.349 E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=78.21
- ▶ F104903.dat
- ▶ query=q2303_p1
- ▶ precursor=771.726490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	597.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.857	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.863	1434.844	1435.852	1433.836	P[13]
T[18]	1852.159	1383.810	1337.791	1338.799	1336.783	T[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.576	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.968	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=78.21
- ▶ F104903.dat
- ▶ query=q2303_p1
- ▶ precursor=771.726490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	9.504	1533.936	L128
N12	123.084	1485.905	1477.898	1478.402	1477.394	N20
K13	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.759	1251.755	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
T19	506.840	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A19
G12	662.937	933.066	945.053	945.557	944.549	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	838.035	782.477	774.468	774.972	773.964	L14
T17	874.561	728.935	721.925	722.429	721.421	T13
N18	911.583	677.405	669.395	669.900	668.892	N12
I19	988.125	620.387	612.378	612.882	611.874	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.311	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L6
P25	1288.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1428.917	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=78.21
- ▶ F104903.dat
- ▶ query=q2303_p1
- ▶ precursor=771.726490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	900.941	985.601	985.937	985.265	N[20]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	810.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	887.104	887.530	886.898	L[25]
Q[6]	239.487	834.839	829.499	829.835	829.163	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	783.790	758.450	758.786	758.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
T[10]	375.920	697.084	691.745	692.081	691.409	T[20]
A[11]	399.608	699.380	654.050	654.386	653.714	A[19]
Q[12]	442.294	630.713	630.374	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	583.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.939	446.267	T[12]
T[19]	659.086	413.927	408.588	408.924	408.252	T[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.810	234.146	233.474	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.400	121.061	121.402	120.730	K[3]
T[28]	985.293	83.700	78.366	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=95.23
- ▶ F104903.dat
- ▶ query=q2304_p1
- ▶ precursor=617.582700
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3083.892	3067.873	0.000	3066.865	L 26
N 2	245.161	2970.808	2954.789	2938.797	2953.781	N 28
K 3	373.256	2856.765	2840.746	2841.754	2839.738	K 27
L 4	488.340	2728.670	2712.651	2713.659	2711.643	L 26
L 5	699.424	2615.585	2599.567	2600.575	2598.559	L 25
G 6	658.445	2502.500	2486.483	2487.491	2485.475	G 24
K 7	812.572	2445.460	2429.462	2430.469	2428.454	K 23
V 8	911.640	2289.354	2273.335	2274.343	2272.327	V 22
T 9	1012.688	2190.288	2174.267	2175.275	2173.259	T 21
I 10	1125.772	2089.230	2073.210	2074.227	2072.211	I 20
A 11	1196.809	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.867	1905.111	1889.098	1890.106	1888.090	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.910	1720.037	1704.018	1705.026	1703.010	G 16
V 15	1537.979	1663.015	1646.997	1648.004	1646.989	V 15
L 16	1651.063	1583.947	1547.928	1548.936	1546.920	L 14
F 17	1748.116	1450.863	1434.844	1435.852	1433.836	F 13
N 18	1862.159	1383.810	1337.791	1338.799	1336.783	N 12
I 19	1975.243	1239.767	1223.748	1224.756	1222.741	I 11
Q 20	2103.301	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.338	998.624	982.606	983.614	981.598	A 9
V 22	2273.407	927.587	911.569	912.576	910.561	V 8
L 23	2389.491	808.513	811.500	812.508	811.492	L 7
L 24	2499.575	715.435	699.416	700.424	698.408	L 6
P 25	2596.628	602.351	586.332	587.340	585.324	P 5
K 26	2724.723	505.268	489.279	490.287	488.271	K 4
K 27	2852.818	377.203	361.184	362.192	360.177	K 3
T 28	2953.865	249.106	233.089	234.097	232.082	T 2
E 29	3082.008	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=95.23
- ▶ F104903.dat
- ▶ query=q2304_p1
- ▶ precursor=617.582700
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L126
N1	123.054	1485.905	1477.898	1478.402	1477.304	N20
K3	187.132	1428.889	1420.877	1421.381	1420.373	K27
L4	243.674	1364.839	1356.829	1357.333	1356.325	L26
L5	300.216	1308.297	1300.287	1300.791	1299.783	L25
G6	358.759	1251.755	1243.745	1244.249	1243.241	G24
K7	406.799	1223.244	1215.234	1215.738	1214.731	K23
V8	456.324	1145.181	1137.171	1137.675	1136.667	V22
F9	506.848	1095.646	1087.637	1088.141	1087.133	F21
T10	563.590	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A19
G12	642.837	938.066	930.053	930.557	929.549	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	828.035	782.477	774.468	774.972	773.964	L14
F17	874.561	725.935	717.926	718.430	717.422	F13
N18	931.583	677.400	669.390	669.903	668.895	N12
I19	988.125	620.387	612.378	612.882	611.874	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1147.207	484.297	456.288	456.792	455.784	V18
L23	1193.749	414.763	406.753	407.257	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P15
K26	1362.805	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.049	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=95.23
- ▶ F104903.dat
- ▶ query=q2304_p1
- ▶ precursor=617.582700
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.660	L[26]
N[2]	62.362	990.941	965.601	965.937	965.265	N[28]
K[3]	125.000	952.920	947.567	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.531	867.194	867.530	866.855	L[25]
G[6]	219.487	834.830	829.499	829.835	829.163	G[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	783.790	758.450	758.786	758.114	V[22]
T[9]	338.434	738.767	725.427	725.763	725.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	656.389	644.399	644.735	644.063	A[19]
Q[12]	442.294	639.710	630.371	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.997	516.648	516.984	516.312	L[14]
P[17]	583.377	484.292	478.953	479.289	478.617	P[13]
T[18]	633.391	433.943	449.002	448.338	448.266	T[12]
I[19]	659.088	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.231	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	238.190	233.850	234.186	233.474	L[6]
P[25]	866.214	201.450	196.110	196.451	195.785	P[5]
K[26]	908.912	166.104	163.765	164.101	163.429	K[4]
K[27]	951.611	128.409	121.069	121.402	120.730	K[3]
T[28]	985.293	83.768	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=95.23
- ▶ F104903.dat
- ▶ query=q2304_p1
- ▶ precursor=617.582700
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
L	1	33.535	771.728	767.724	0.756	767.472	L	29
N	2	62.046	731.557	739.453	739.705	739.201	N	28
K	3	94.059	714.947	710.942	711.194	710.690	K	27
L	4	122.340	692.923	678.918	679.170	678.666	L	26
L	5	150.611	654.652	650.647	650.899	650.395	L	25
G	6	164.867	626.381	622.376	622.628	622.124	G	24
K	7	203.898	612.126	608.121	608.373	607.869	K	23
V	8	228.665	573.094	569.089	569.341	568.837	V	22
T	9	253.927	548.327	544.322	544.574	544.070	T	21
T	10	262.198	523.065	519.060	519.312	518.808	T	20
A	11	269.958	494.794	490.789	491.041	490.537	A	19
Q	12	331.972	477.035	473.030	473.282	472.778	Q	18
G	13	346.228	445.020	441.015	441.267	440.763	G	17
G	14	360.483	430.765	426.760	427.012	426.508	G	16
V	15	385.250	416.509	412.504	412.757	412.253	V	15
L	16	413.521	391.742	387.737	387.989	387.486	L	14
P	17	437.784	363.471	359.466	359.718	359.215	P	13
N	18	466.295	339.208	335.203	335.455	334.951	N	12
T	19	494.566	310.897	306.891	307.143	306.641	T	11
Q	20	526.381	282.426	278.421	278.673	278.170	Q	10
A	21	544.340	250.412	246.407	246.659	246.155	A	9
V	22	569.107	232.652	228.647	228.900	228.396	V	8
L	23	597.378	207.885	203.881	204.132	203.629	L	7
L	24	625.649	179.614	175.609	175.861	175.358	L	6
P	25	649.912	151.343	147.338	147.590	147.087	P	5
K	26	681.936	127.080	123.075	123.327	122.823	K	4
K	27	713.960	95.056	91.052	91.304	90.800	K	3
T	28	739.222	63.032	59.028	59.280	58.776	T	2
E	29	771.482	37.771	33.766	34.018	33.514	E	1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=128.74
- ▶ F104903.dat
- ▶ query=q2305_p1
- ▶ precursor=617.582740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	245.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
G[6]	656.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.093	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.979	1663.915	1646.907	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.864	1435.852	1433.836	P[13]
T[18]	1852.159	1383.810	1337.791	1338.799	1336.783	T[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	693.415	700.424	696.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=128.74
- ▶ F104903.dat
- ▶ query=q2305_p1
- ▶ precursor=617.582740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	9.504	1533.930	L126
N12	123.084	1485.908	1477.898	1478.402	1477.304	N020
K13	187.132	1428.889	1420.877	1421.381	1420.373	K027
L14	263.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1299.791	1299.783	L125
G16	328.200	1251.795	1243.785	1244.240	1243.241	G024
K17	406.730	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
F19	506.848	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T020
A11	598.908	988.581	980.571	981.075	980.067	A119
G12	602.837	933.066	943.053	945.557	944.549	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	820.935	782.477	774.468	774.972	773.964	L114
F17	874.561	725.935	717.926	718.430	717.422	F113
N18	931.583	677.420	669.399	669.903	668.895	N012
I19	988.125	620.907	612.378	612.882	611.874	I111
Q20	1052.154	563.849	555.836	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	484.297	456.288	456.792	455.784	V18
L23	1193.749	414.763	406.753	407.257	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.678	293.670	294.174	293.166	P15
K26	1362.805	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=128.74
- ▶ F104903.dat
- ▶ query=q2305_p1
- ▶ precursor=617.582740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296	0.672	1023.660	L 29
N 2	62.302	990.941	985.601	985.937	985.265	N 28
K 3	125.090	952.326	947.587	947.923	947.251	K 27
L 4	162.785	910.226	904.889	905.225	904.553	L 26
L 5	200.479	872.531	867.194	867.530	866.858	L 25
G 6	239.487	834.839	829.499	829.835	829.163	G 24
K 7	271.529	815.832	810.492	810.828	810.156	K 23
V 8	304.552	763.790	758.450	758.786	758.114	V 22
T 9	338.234	730.761	725.427	725.763	725.091	T 21
I 10	375.929	697.084	691.745	692.081	691.409	I 20
A 11	399.608	659.389	654.050	654.386	653.714	A 19
Q 12	442.294	636.710	630.371	630.707	630.035	Q 18
G 13	461.301	593.024	587.685	588.021	587.349	G 17
G 14	480.308	574.017	568.678	569.013	568.342	G 16
V 15	513.131	555.010	549.670	550.006	549.334	V 15
L 16	551.026	521.987	516.648	516.984	516.312	L 14
P 17	583.377	484.292	478.953	479.289	478.617	P 13
N 18	621.391	451.942	446.602	446.938	446.266	N 12
I 19	659.086	413.927	408.588	408.924	408.252	I 11
Q 20	701.772	376.233	370.893	371.229	370.557	Q 10
A 21	725.451	333.546	328.207	328.543	327.871	A 9
V 22	758.474	309.867	304.528	304.864	304.192	V 8
L 23	796.188	276.844	271.505	271.841	271.169	L 7
L 24	833.863	239.150	233.810	234.146	233.474	L 6
T 25	869.214	201.455	196.116	196.452	195.780	T 5
K 26	908.912	169.100	163.760	164.100	163.429	K 4
K 27	951.611	138.406	133.066	133.402	132.730	K 3
T 28	985.293	83.708	78.368	78.704	78.032	T 2
E 29	1028.307	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

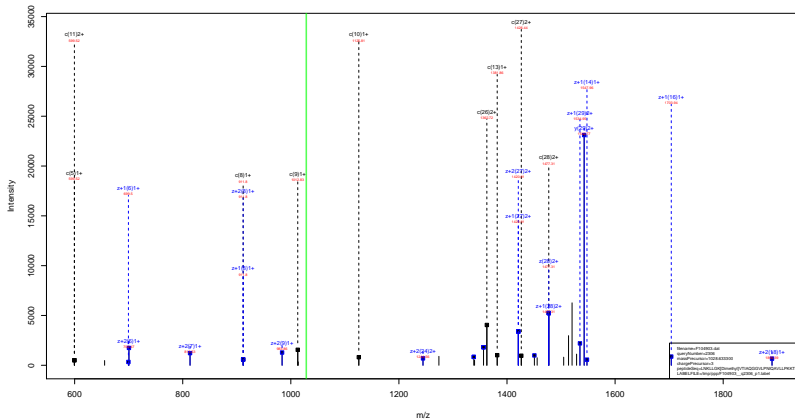
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=128.74
- ▶ F104903.dat
- ▶ query=q2305_p1
- ▶ precursor=617.582740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
L	1	33.535	771.726	767.724	0.756	767.472	L	29
N	2	62.046	743.451	739.453	739.705	739.201	N	28
K	3	94.059	714.947	710.945	711.194	710.690	K	27
L	4	122.340	687.923	678.918	679.170	678.666	L	26
L	5	150.611	654.652	650.647	650.899	650.395	L	25
G	6	164.867	626.381	622.376	622.628	622.124	G	24
K	7	203.898	612.126	608.121	609.373	607.869	K	23
V	8	228.665	573.094	569.089	569.341	568.837	V	22
T	9	253.927	548.327	544.322	544.574	544.070	T	21
I	10	262.198	523.065	519.060	519.312	518.808	I	20
A	11	289.958	494.794	490.789	491.041	490.537	A	19
Q	12	311.972	477.035	473.030	473.282	472.778	Q	18
G	13	346.728	445.020	441.015	441.267	440.763	G	17
G	14	360.483	430.765	426.760	427.012	426.508	G	16
V	15	385.250	416.509	412.505	412.757	412.253	V	15
L	16	413.521	391.742	387.737	387.989	387.486	L	14
P	17	437.784	363.471	359.466	359.718	359.215	P	13
N	18	466.295	339.208	335.203	335.455	334.951	N	12
I	19	494.566	310.897	306.891	307.143	306.641	I	11
Q	20	525.381	282.426	278.422	278.673	278.170	Q	10
A	21	544.340	259.412	249.407	249.659	249.155	A	9
V	22	569.107	232.652	228.648	228.900	228.396	V	8
L	23	597.378	207.885	203.881	204.132	203.629	L	7
L	24	625.649	179.614	175.609	175.861	175.358	L	6
P	25	649.912	151.343	147.338	147.590	147.087	P	5
K	26	681.936	127.080	123.075	123.327	122.823	K	4
K	27	713.960	95.056	91.052	91.304	90.800	K	3
T	28	739.222	63.032	59.028	59.280	58.776	T	2
E	29	771.482	37.771	33.766	34.018	33.514	E	1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.89
- ▶ F104903.dat
- ▶ query=q2306_p1
- ▶ precursor=1028.633300
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3083.892	3067.873	0.000	3066.865	L26
N2	245.161	2970.808	2954.789	2935.797	2953.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	488.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.585	2599.567	2600.575	2598.559	L25
G6	659.449	2502.500	2486.483	2487.491	2485.475	G24
K7	812.572	2445.480	2429.462	2430.469	2428.454	K23
V8	911.640	2289.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2190.268	2174.260	2175.275	2173.259	T21
T10	1125.772	2089.238	2073.219	2074.227	2072.211	T20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1214.867	1905.111	1889.098	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V15	1537.879	1663.015	1646.997	1648.004	1645.989	V15
L16	1651.063	1583.947	1547.928	1548.936	1546.920	L14
T17	1748.116	1450.863	1414.844	1415.852	1413.836	T13
N18	1862.159	1383.810	1337.791	1338.799	1336.783	N12
I19	1975.243	1293.767	1273.748	1274.756	1272.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2389.491	808.513	813.522	813.508	811.492	L7
L24	2499.575	715.435	699.416	700.424	698.408	L6
P25	2596.628	602.351	586.332	587.340	585.324	P5
K26	2774.723	505.268	489.249	490.257	488.271	K4
K27	2852.818	377.203	361.184	362.192	360.177	K3
T28	2953.865	249.108	233.089	234.097	232.082	T2
E29	3082.898	148.080	132.062	133.070	131.054	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.89
- ▶ F104903.dat
- ▶ query=q2306_p1
- ▶ precursor=1028.633300
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	8.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
T19	506.849	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A119
Q12	662.937	933.062	925.053	925.557	924.549	Q118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
T17	874.581	728.935	720.926	721.430	720.422	T113
N18	931.583	677.400	669.390	669.893	668.885	N112
I19	988.125	620.867	612.858	613.362	612.354	I111
Q20	1052.154	563.845	555.836	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.311	491.303	A10
V22	1127.207	484.297	476.288	476.792	475.784	V19
L23	1193.769	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P15
K26	1362.865	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.049	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q8CGP5 | H2A1F_MOUSE

LNK^{Dimethyl}_{28.03} LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.85
- ▶ F104903.dat
- ▶ query=q2344_p1
- ▶ precursor=778.725130
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3111.896	3056.870	9.000	3094.871	L126
N2	245.151	2998.014	2982.795	2983.003	2981.787	N20
K3	481.287	2884.711	2866.792	2869.760	2867.744	K27
L4	514.371	2728.645	2712.620	2713.634	2711.618	L26
L5	627.455	2615.561	2599.542	2600.550	2598.534	L25
G6	684.877	2502.877	2486.858	2487.866	2485.850	G24
R7	840.578	2344.855	2429.430	2430.444	2429.420	R23
V8	939.646	2289.954	2273.935	2274.943	2272.927	V22
F9	1046.694	2190.266	2174.267	2175.275	2173.259	F21
T10	1153.778	2099.238	2073.219	2074.227	2072.211	T20
A11	1224.815	1978.154	1962.135	1961.143	1959.117	A19
Q12	1352.874	1905.111	1889.098	1899.106	1889.090	Q18
G13	1409.895	1777.058	1761.039	1762.047	1760.032	G17
G14	1466.917	1720.037	1704.018	1705.026	1703.010	G16
V15	1565.985	1663.015	1646.997	1648.004	1645.989	V15
L16	1679.069	1563.947	1547.928	1548.936	1546.920	L14
F17	1778.222	1450.951	1434.931	1435.932	1433.916	F13
N18	1890.105	1353.810	1337.791	1338.799	1336.781	N12
I19	2003.249	1239.767	1223.748	1224.756	1222.741	I11
Q20	2131.307	1126.681	1110.664	1111.672	1109.656	Q10
A21	2202.344	998.624	982.606	983.614	981.598	A0
V22	2301.413	927.587	911.569	912.576	910.561	V8
L23	2414.469	838.519	812.500	813.508	811.492	L7
L24	2527.581	715.435	699.416	700.424	698.408	L6
P25	2624.634	602.351	586.332	587.340	585.324	P5
K26	2752.729	505.298	489.279	490.287	488.271	K4
K27	2880.824	377.203	361.184	362.192	360.177	K3
T28	2983.871	249.108	233.089	234.097	232.081	T2
E29	3110.914	148.060	132.042	133.050	131.034	E1

sp | Q8CGP5 | H2A1F_MOUSE

LNK^{Dimethyl}_{28.03} LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.85
- ▶ F104903.dat
- ▶ query=q2344_p1
- ▶ precursor=778.725130
- ▶ chargePrecursor=4
- ▶ itol=0.8

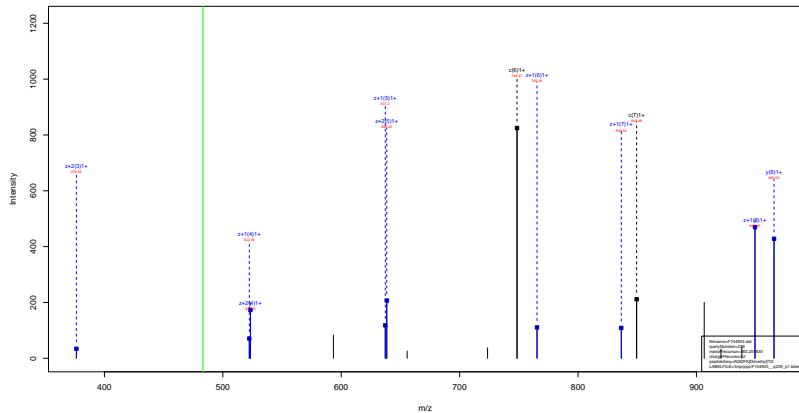
AA	c	y	z+1	z+2	z	AA
L1	66.093	1556.453	1548.443	9.504	1547.939	L198
N1	123.084	1499.911	1491.901	1492.405	1491.397	N20
K3	201.147	1442.899	1434.889	1435.384	1434.376	K27
L4	257.609	1364.826	1356.817	1357.321	1356.313	L26
L5	314.211	1308.264	1300.275	1300.779	1299.771	L25
G6	382.782	1251.745	1243.733	1244.236	1243.229	G24
R7	430.793	1223.231	1215.222	1215.726	1214.718	R23
V8	479.327	1145.181	1137.171	1137.675	1136.667	V22
T9	528.851	1095.646	1087.637	1088.141	1087.133	T21
T10	577.393	1045.123	1037.113	1037.617	1036.609	T20
A11	622.811	998.581	990.571	991.075	990.067	A19
G12	678.988	953.063	945.053	945.557	944.549	G18
G13	705.451	899.033	891.023	891.527	890.519	G17
G14	733.962	860.522	852.513	853.017	852.009	G16
V15	783.496	832.011	824.002	824.506	823.498	V15
L16	840.038	782.477	774.468	774.972	773.964	L14
T17	888.565	725.935	717.926	718.430	717.422	T13
N18	945.586	677.422	669.409	669.913	668.905	N12
I19	1002.128	630.907	622.898	623.402	622.394	I11
Q20	1066.157	583.845	575.836	576.340	575.332	Q10
A21	1101.676	499.816	491.807	492.311	491.303	A0
V22	1151.210	484.297	476.288	476.792	475.784	V8
L23	1207.752	414.761	406.752	407.256	406.248	L17
L24	1254.294	358.221	350.212	350.716	349.708	L16
P25	1312.821	301.679	293.670	294.174	293.166	P5
K26	1378.868	253.153	245.143	245.647	244.639	K4
K27	1440.915	199.105	191.096	191.600	190.592	K3
T28	1491.439	125.058	117.048	117.552	116.544	T2
E29	1555.961	74.534	66.524	67.028	66.021	E1

sp | Q8CGP5 | H2A1F_MOUSE

LNK^{Dimethyl}_{28.03} LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.85
- ▶ F104903.dat
- ▶ query=q2344_p1
- ▶ precursor=778.725130
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1037.971	1032.611	0.672	1032.295	L[20]
N[2]	82.302	1000.276	994.937	995.273	994.601	N[20]
K[3]	134.434	962.267	956.922	957.258	956.589	K[27]
L[4]	172.129	910.220	904.880	905.216	904.544	L[26]
L[5]	209.823	872.525	867.186	867.521	866.860	L[25]
Q[6]	249.830	834.930	829.491	829.827	829.155	Q[24]
R[7]	280.804	815.823	810.484	810.820	810.148	R[23]
V[8]	313.887	793.700	788.450	788.786	788.114	V[22]
T[9]	347.569	736.767	725.427	725.763	725.091	T[21]
I[10]	385.264	697.084	691.745	692.081	691.409	I[20]
A[11]	408.643	669.389	664.050	664.386	663.714	A[19]
Q[12]	451.629	630.717	625.378	625.714	625.035	Q[18]
G[13]	470.637	593.024	587.685	588.021	587.349	G[17]
G[14]	489.644	574.017	568.678	569.013	568.342	G[16]
V[15]	522.607	555.010	549.670	550.006	549.334	V[15]
L[16]	560.361	521.987	516.648	516.984	516.312	L[14]
F[17]	592.712	484.262	478.923	479.259	478.587	F[13]
T[18]	630.229	451.942	446.603	446.938	446.266	T[12]
I[19]	668.421	413.927	408.588	408.924	408.252	I[11]
Q[20]	711.107	376.233	370.893	371.229	370.557	Q[10]
A[21]	734.786	333.540	328.201	328.543	327.871	A[9]
V[22]	767.809	309.867	304.528	304.864	304.192	V[9]
L[23]	805.504	276.844	271.505	271.841	271.169	L[7]
L[24]	843.299	239.129	233.810	234.146	233.474	L[6]
P[25]	875.549	201.455	196.116	196.451	195.780	P[5]
K[26]	918.248	169.104	163.765	164.101	163.429	K[4]
K[27]	960.946	126.406	121.066	121.402	120.730	K[3]
T[28]	994.629	83.708	78.368	78.704	78.032	T[2]
E[29]	1037.643	50.025	44.685	45.021	44.349	E[1]



sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.87
- ▶ F104903.dat
- ▶ query=q239_p1
- ▶ precursor=483.251830
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
K 6	748.435	391.219	375.200	376.208	374.192	K 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=102.99
- ▶ F104903.dat
- ▶ query=q2442_p1
- ▶ precursor=803.987010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
E	1	147.076	3212.934	3196.916	0.000	3195.908	E	30
L	2	260.160	3083.892	3067.873	0.000	3066.865	L	29
R	3	374.333	2970.868	2954.789	2855.797	2953.781	R	28
K	4	502.298	2956.765	2940.746	2841.754	2839.738	K	27
L	5	615.382	2728.670	2712.651	2713.659	2711.643	L	26
L	6	728.466	2615.586	2599.567	2600.575	2598.559	L	25
G	7	785.488	2502.502	2486.483	2487.491	2485.475	G	24
K	8	941.614	2445.480	2429.462	2430.469	2428.454	K	23
V	9	1048.683	2388.384	2373.385	2274.343	2272.327	V	22
I	10	1141.730	2190.386	2174.287	2178.278	2176.293	I	21
I	11	1254.814	2089.238	2073.219	2074.227	2072.211	I	20
A	12	1325.851	1978.154	1960.135	1961.143	1959.127	A	19
Q	13	1453.910	1905.117	1889.089	1890.106	1888.090	Q	18
G	14	1510.932	1777.058	1761.039	1762.047	1760.032	G	17
G	15	1627.953	1730.037	1704.018	1705.026	1703.010	G	16
V	16	1667.021	1583.015	1549.997	1548.004	1546.989	V	15
L	17	1780.105	1563.947	1547.928	1548.936	1546.920	L	14
P	18	1877.158	1450.863	1434.844	1435.852	1433.836	P	13
N	19	1991.201	1353.810	1337.791	1336.799	1336.783	N	12
T	20	2104.285	1230.767	1223.748	1224.756	1222.741	T	11
Q	21	2232.344	1136.682	1118.664	1111.612	1109.605	Q	10
A	22	2303.391	998.624	982.606	981.614	981.598	A	9
V	23	2402.449	927.587	913.500	912.576	910.560	V	8
L	24	2515.533	828.519	812.500	813.508	811.492	L	7
L	25	3058.617	715.435	699.416	700.424	698.408	L	6
P	26	2725.670	602.351	588.332	587.340	585.324	P	5
K	27	2853.765	505.298	489.279	490.287	488.271	K	4
R	28	2883.886	377.262	361.184	352.192	360.177	R	3
T	29	3082.908	248.188	233.000	234.007	232.982	T	2
E	30	3211.950	148.060	132.042	133.050	131.034	E	1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=102.99
- ▶ F104903.dat
- ▶ query=q2442_p1
- ▶ precursor=803.987010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E 1	74.042	1606.971	1598.962	0.504	1598.458	E 30
L 2	130.504	1542.450	1534.440	0.504	1533.936	L 29
N 3	187.605	1485.908	1477.898	1476.402	1477.394	N 28
K 4	241.953	1478.899	1420.877	1421.381	1420.374	K 27
L 5	308.195	1364.839	1356.829	1357.333	1356.325	L 26
L 6	364.737	1308.297	1300.287	1300.791	1299.783	L 25
G 7	391.240	1251.735	1243.745	1244.249	1243.241	G 24
K 8	471.311	1223.244	1215.234	1215.738	1214.731	K 23
V 9	520.845	1148.181	1137.713	1137.679	1138.969	V 22
T 10	573.369	1095.646	1087.637	1088.141	1087.133	T 21
I 11	627.911	1048.123	1037.113	1037.617	1039.602	I 20
A 12	683.429	988.581	980.571	981.075	980.067	A 19
Q 13	727.459	933.062	945.053	945.557	944.549	Q 18
G 14	755.969	889.033	881.023	881.527	880.519	G 17
C 15	794.488	869.522	862.112	853.017	852.009	C 16
V 16	834.014	832.011	824.002	824.506	823.498	V 15
L 17	890.556	782.477	774.468	774.972	773.964	L 14
P 18	939.083	725.935	717.926	718.430	717.422	P 13
N 19	996.104	677.409	669.399	669.903	668.895	N 12
I 20	1052.646	620.387	612.378	612.882	611.874	I 11
Q 21	1116.676	563.845	555.836	556.340	555.332	Q 10
A 22	1152.194	499.816	491.807	492.310	491.303	A 9
V 23	1201.728	464.297	456.288	456.792	455.784	V 8
L 24	1258.270	414.763	406.754	407.258	406.250	L 7
L 25	1314.812	358.221	350.212	350.716	349.708	L 6
T 26	1363.339	308.679	298.670	299.174	298.166	T 5
K 27	1427.386	253.153	245.143	245.647	244.639	K 4
K 28	1491.434	189.105	181.096	181.600	180.592	K 3
T 29	1541.958	125.058	117.048	117.552	116.544	T 2
E 30	1606.479	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

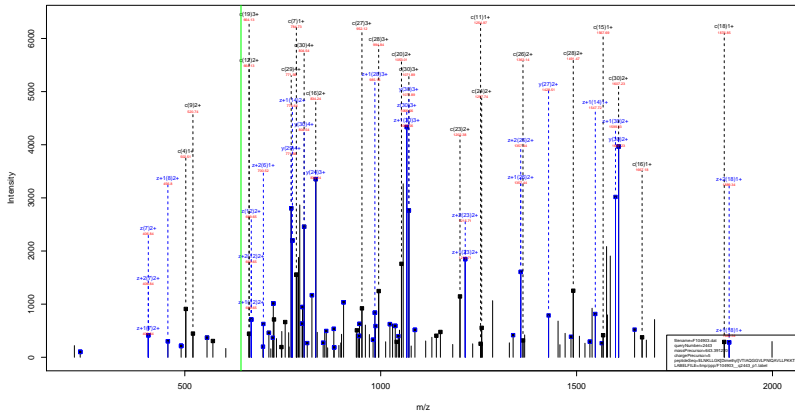
ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=102.99
- ▶ F104903.dat
- ▶ query=q2442_p1
- ▶ precursor=803.987010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
E	1	49.697	1071.650	1066.310	0.672	1065.974	E	30
L	2	87.302	1028.635	1023.296	0.672	1022.960	L	29
T	3	125.806	999.941	995.601	0.672	995.265	T	28
K	4	168.104	952.926	947.587	947.923	947.251	K	27
L	5	205.799	910.228	904.889	905.225	904.551	L	26
L	6	243.494	872.531	867.194	867.530	866.858	L	25
G	7	282.501	834.839	829.499	829.835	829.161	G	24
K	8	314.543	815.832	810.492	810.828	810.156	K	23
V	9	347.566	783.780	778.450	778.786	778.114	V	22
T	10	381.248	730.767	725.427	725.763	725.091	T	21
I	11	418.943	697.054	691.745	692.081	691.409	I	20
A	12	442.622	659.389	654.050	654.386	653.714	A	19
Q	13	485.308	635.710	630.371	630.707	630.035	Q	18
G	14	504.315	593.024	587.685	588.021	587.349	G	17
G	15	523.323	574.017	568.678	569.013	568.342	G	16
V	16	559.345	535.010	529.670	530.006	529.334	V	15
L	17	594.040	523.957	518.648	518.984	518.312	L	14
P	18	626.391	484.292	478.953	479.289	478.617	P	13
N	19	664.405	451.942	446.602	446.938	446.266	N	12
I	20	702.100	413.927	408.588	408.924	408.252	I	11
Q	21	744.786	376.233	370.893	371.229	370.557	Q	10
A	22	788.465	333.549	328.207	328.543	327.871	A	9
V	23	801.488	309.857	304.526	304.864	304.192	V	8
L	24	839.183	276.844	271.505	271.841	271.169	L	7
L	25	876.877	239.150	233.810	234.146	233.474	L	6
P	26	909.228	201.455	196.116	196.451	195.780	P	5
K	27	951.927	169.164	163.765	164.101	163.429	K	4
K	28	994.825	128.408	121.096	121.462	120.750	K	3
T	29	1028.307	83.709	78.368	78.704	78.032	T	2
E	30	1071.322	50.025	44.685	45.021	44.349	E	1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.62
- ▶ F104903.dat
- ▶ query=q2443.p1
- ▶ precursor=643.391270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E 1	147.076	3212.934	3106.916	0.000	3195.908	E 30
L 2	200.160	3083.892	3067.873	0.000	3056.855	L 29
N 3	274.203	2970.808	2954.789	2935.797	2953.781	N 28
K 4	502.298	2856.765	2840.746	2841.754	2839.735	K 27
L 5	615.382	2728.670	2712.651	2713.659	2711.643	L 26
L 6	728.466	2615.586	2599.567	2600.575	2598.559	L 25
G 7	785.488	2502.500	2486.483	2487.491	2485.475	G 24
K 8	941.614	2445.480	2429.462	2430.469	2428.454	K 23
V 9	1040.583	2289.354	2273.335	2274.343	2272.327	V 22
T 10	1141.730	2190.288	2174.267	2175.275	2173.259	T 21
I 11	1254.814	2089.238	2073.219	2074.227	2072.211	I 20
A 12	1325.851	1976.154	1960.135	1961.143	1959.127	A 19
Q 13	1453.910	1905.117	1889.098	1890.106	1888.090	Q 18
G 14	1510.932	1777.050	1761.030	1762.047	1760.032	G 17
C 15	1567.953	1720.020	1704.000	1705.008	1703.000	C 16
V 16	1667.021	1663.015	1646.997	1648.004	1646.986	V 15
L 17	1780.105	1563.947	1547.928	1548.936	1546.920	L 14
P 18	1877.158	1450.863	1434.844	1435.852	1433.836	P 13
N 19	1991.201	1353.810	1337.791	1338.799	1336.783	N 12
I 20	2104.285	1239.767	1223.748	1224.756	1222.741	I 11
Q 21	2232.244	1126.683	1110.664	1111.672	1109.656	Q 10
A 22	2303.381	998.624	982.606	983.614	981.599	A 9
V 23	2402.449	927.587	911.569	912.576	910.561	V 8
L 24	2515.533	828.519	812.500	813.508	811.493	L 7
L 25	2628.617	715.435	699.416	700.424	698.408	L 6
P 26	2725.670	602.351	586.333	587.340	585.324	P 5
K 27	2833.705	509.266	489.249	490.287	488.271	K 4
K 28	2981.860	377.203	361.184	362.192	360.177	K 3
T 29	3062.908	249.108	231.089	234.097	232.082	T 2
E 30	3211.950	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.62
- ▶ F104903.dat
- ▶ query=q2443_p1
- ▶ precursor=643.391270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E 1	74.042	1606.971	1598.962	0.504	4598.458	E 30
L 2	130.504	1542.456	1534.440	0.504	1533.936	L 29
N 3	187.605	1485.908	1477.898	1478.402	1477.391	N 28
K 4	251.653	1428.886	1420.877	1421.381	1420.371	K 27
L 5	308.195	1364.939	1356.829	1357.333	1356.323	L 26
L 6	364.737	1308.297	1300.287	1300.791	1299.781	L 25
G 7	381.240	1251.735	1243.745	1244.249	1243.241	G 24
K 8	471.311	1223.244	1215.234	1215.738	1214.731	K 23
V 9	520.845	1148.181	1147.173	1137.679	1136.669	V 22
T 10	571.369	1095.646	1087.637	1088.141	1087.133	T 21
I 11	627.911	1045.123	1037.113	1037.617	1036.609	I 20
A 12	663.429	988.581	980.571	981.075	980.067	A 19
Q 13	727.459	923.063	945.053	945.557	944.549	Q 18
G 14	755.969	889.633	881.623	881.527	880.519	G 17
C 15	784.480	860.522	852.513	853.017	852.007	C 16
V 16	834.014	819.044	824.002	824.506	823.496	V 15
L 17	890.556	782.477	774.468	774.972	773.964	L 14
F 18	939.083	725.935	717.926	718.430	717.421	F 13
N 19	996.104	677.409	669.399	669.903	668.895	N 12
I 20	1052.646	630.387	612.378	612.882	611.874	I 11
Q 21	1118.678	583.849	583.838	556.340	555.331	Q 10
A 22	1152.194	499.916	481.907	492.910	491.303	A 9
V 23	1201.728	464.297	456.288	456.792	455.784	V 8
L 24	1258.270	414.763	406.754	407.258	406.250	L 7
L 25	1314.812	358.221	350.212	350.716	349.708	L 6
T 26	1363.339	301.679	283.670	294.674	293.665	T 5
K 27	1427.356	253.153	245.143	245.647	244.639	K 4
K 28	1481.434	189.105	181.096	181.600	180.592	K 3
T 29	1541.658	125.058	117.048	117.552	116.544	T 2
E 30	1606.479	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.62
- ▶ F104903.dat
- ▶ query=q2443.p1
- ▶ precursor=643.391270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
E	1	49.697	1071.650	1066.310	0.672	1065.974	E[30]
L	2	87.302	1028.635	1023.296	0.672	1022.960	L[29]
K	3	125.406	990.941	985.601	985.937	985.265	K[28]
R	4	168.334	952.926	947.587	947.923	947.251	R[27]
L	5	205.799	910.228	904.889	905.225	904.553	L[26]
L	6	243.494	872.531	867.194	867.530	866.858	L[25]
G	7	282.501	834.839	829.499	829.835	829.163	G[24]
K	8	314.543	815.832	810.492	810.828	810.156	K[23]
V	9	347.566	783.790	778.450	778.786	778.114	V[22]
V	10	381.248	750.767	725.427	725.763	725.091	V[21]
I	11	418.943	697.084	691.743	692.081	691.409	I[20]
A	12	442.822	659.389	654.050	654.386	653.714	A[19]
Q	13	485.308	635.710	630.371	630.707	630.035	Q[18]
G	14	504.315	593.024	587.685	588.021	587.349	G[17]
G	15	527.323	574.017	568.678	569.013	568.342	G[16]
V	16	554.345	559.011	549.670	550.006	549.334	V[15]
L	17	594.040	521.987	516.648	516.984	516.312	L[14]
P	18	626.891	484.202	478.963	479.299	478.617	P[13]
N	19	644.405	451.947	446.602	446.938	446.266	N[12]
I	20	702.100	413.927	408.588	408.924	408.252	I[11]
Q	21	744.786	376.213	370.873	371.209	370.537	Q[10]
A	22	788.465	333.546	328.207	328.543	327.871	A[9]
V	23	801.488	309.967	304.628	304.964	304.292	V[8]
L	24	839.183	276.844	271.505	271.841	271.169	L[7]
L	25	878.877	239.150	233.810	234.146	233.474	L[6]
P	26	909.228	201.455	196.116	196.451	195.780	P[5]
K	27	931.927	169.104	163.765	164.101	163.429	K[4]
K	28	994.625	129.420	124.081	124.417	123.745	K[3]
I	29	1028.307	83.708	78.368	78.704	78.032	I[2]
E	30	1071.322	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=62.62
- ▶ F104903.dat
- ▶ query=q2443_p1
- ▶ precursor=643.391270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E[1]	37.525	803.909	799.984	0.735	799.732	E[30]
L[2]	65.790	771.728	767.724	0.735	767.472	L[29]
N[3]	94.306	743.457	739.453	739.705	739.201	N[28]
K[4]	126.330	714.947	710.942	711.194	710.690	K[27]
L[5]	154.601	682.923	678.918	679.170	678.666	L[26]
L[6]	182.872	654.652	650.647	650.899	650.395	L[25]
G[7]	197.127	626.381	622.376	622.628	622.124	G[24]
K[8]	236.159	612.126	608.121	608.373	607.869	K[23]
V[9]	260.926	573.094	569.089	569.341	568.837	V[22]
T[10]	286.188	548.327	544.322	544.574	544.070	T[21]
I[11]	314.499	523.065	519.060	519.312	518.808	I[20]
A[12]	332.218	494.794	490.789	491.041	490.537	A[19]
Q[13]	364.233	477.035	473.030	473.282	472.778	Q[18]
G[14]	378.488	445.020	441.015	441.267	440.763	G[17]
G[15]	392.744	430.765	426.760	427.012	426.508	G[16]
V[16]	417.511	416.509	412.503	412.757	412.253	V[15]
L[17]	445.782	391.742	387.737	387.989	387.485	L[14]
T[18]	470.043	363.471	359.466	359.718	359.215	T[13]
N[19]	498.556	339.205	335.201	335.453	334.951	N[12]
I[20]	526.827	310.697	306.693	306.945	306.441	I[11]
Q[21]	558.941	282.426	278.422	278.673	278.170	Q[10]
A[22]	576.601	250.412	246.407	246.659	246.155	A[9]
V[23]	601.368	232.652	228.648	228.900	228.396	V[8]
L[24]	629.639	207.885	203.881	204.132	203.629	L[7]
L[25]	657.910	179.614	175.609	175.861	175.358	L[6]
F[26]	682.173	151.343	147.338	147.590	147.087	F[5]
K[27]	714.197	127.080	123.075	123.327	122.823	K[4]
K[28]	746.220	95.056	91.052	91.304	90.800	K[3]
T[29]	771.482	63.032	59.028	59.280	58.776	T[2]
E[30]	803.743	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.85
- ▶ F104903.dat
- ▶ query=q2444_p1
- ▶ precursor=1071.647900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
E	1	147.076	3212.934	3196.916	0.000	3195.908	E	30
L	2	260.160	3083.892	3067.873	0.000	3066.865	L	29
R	3	374.323	2970.969	2954.789	2935.797	2933.781	R	28
K	4	502.298	2956.765	2940.746	2921.754	2920.745	K	27
L	5	615.382	2728.670	2712.651	2713.659	2711.643	L	26
L	6	728.466	2615.586	2599.589	2600.575	2598.559	L	25
G	7	785.488	2502.502	2486.463	2487.491	2485.475	G	24
K	8	941.614	2445.480	2429.462	2430.469	2428.454	K	23
V	9	1010.683	2289.364	2273.335	2274.343	2272.327	V	22
I	10	1141.730	2190.286	2174.267	2175.276	2173.259	I	21
I	11	1254.814	2089.238	2073.219	2074.227	2072.211	I	20
A	12	1325.851	1978.154	1962.135	1963.143	1959.127	A	19
Q	13	1453.910	1905.117	1889.098	1890.106	1888.090	Q	18
G	14	1510.932	1777.058	1761.039	1762.047	1760.032	G	17
G	15	1567.057	1730.037	1704.018	1705.026	1703.010	G	16
V	16	1667.021	1583.015	1567.997	1568.004	1566.989	V	15
L	17	1780.105	1563.947	1547.928	1548.936	1546.920	L	14
P	18	1877.158	1450.863	1434.844	1435.852	1433.836	P	13
N	19	1991.201	1353.810	1337.791	1338.799	1336.783	N	12
I	20	2104.285	1239.767	1223.748	1224.756	1222.741	I	11
Q	21	2232.344	1126.682	1110.664	1111.672	1109.656	Q	10
A	22	2303.393	998.624	982.605	983.614	981.599	A	9
V	23	2402.449	927.587	911.569	912.576	910.561	V	8
L	24	2515.533	828.519	812.500	813.508	811.492	L	7
L	25	2628.617	715.435	699.416	700.424	698.408	L	6
P	26	2725.670	602.351	586.332	587.340	585.324	P	5
K	27	2853.765	505.299	489.279	489.287	488.271	K	4
R	28	2981.850	377.262	361.244	362.252	360.237	R	3
T	29	3082.908	249.198	233.080	234.087	232.082	T	2
E	30	3211.950	148.060	132.042	133.050	131.034	E	1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.85
- ▶ F104903.dat
- ▶ query=q2444_p1
- ▶ precursor=1071.647900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
E	1	74.042	1606.971	1598.962	0.504	1598.458	E	30
L	2	130.504	1542.450	1534.440	0.504	1533.930	L	26
N	3	187.605	1485.908	1477.898	1478.402	1477.394	N	28
K	4	251.653	1428.869	1420.877	1421.381	1420.371	K	27
L	5	308.195	1364.830	1356.820	1357.324	1356.316	L	26
L	6	364.737	1308.297	1300.287	1300.791	1299.783	L	28
G	7	381.240	1251.755	1243.745	1244.249	1243.241	G	24
K	8	471.311	1223.244	1215.234	1215.738	1214.731	K	23
V	9	520.845	1148.181	1137.171	1137.675	1136.667	V	22
T	10	573.389	1095.646	1087.637	1088.141	1087.133	T	21
I	11	627.911	1045.123	1037.113	1037.617	1036.609	I	20
A	12	683.429	988.581	980.571	981.075	980.067	A	19
Q	13	727.459	933.062	945.053	945.557	944.549	Q	18
G	14	755.969	889.033	881.023	881.527	880.519	G	17
C	15	784.480	869.522	862.513	863.017	862.009	C	16
V	16	834.014	832.011	824.002	824.506	823.498	V	15
L	17	890.556	782.477	774.468	774.972	773.964	L	14
P	18	936.083	725.935	717.926	718.430	717.422	P	13
N	19	996.104	677.409	669.399	669.903	668.895	N	12
I	20	1052.646	630.387	612.378	612.882	611.874	I	11
Q	21	1116.678	583.845	565.836	566.340	565.332	Q	10
A	22	1182.194	499.816	481.807	482.311	481.303	A	9
V	23	1261.728	464.297	456.288	456.792	455.784	V	8
L	24	1268.270	414.763	406.754	407.258	406.250	L	7
L	25	1314.812	358.221	350.212	350.716	349.708	L	6
T	26	1353.328	306.679	288.670	289.174	288.166	T	5
K	27	1427.386	253.153	245.143	245.647	244.639	K	4
K	28	1491.434	189.055	181.046	181.550	180.542	K	3
T	29	1541.958	125.058	117.048	117.552	116.544	T	2
E	30	1606.479	74.534	66.524	67.028	66.021	E	1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.55
- ▶ F104903.dat
- ▶ query=q2814_p1
- ▶ precursor=752.097670
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.521	4491.502	0.000	4490.494	S[41]
G	2	304.098	4378.478	4362.459	0.000	4361.451	G[40]
R	3	360.199	4321.457	4305.438	4300.440	4304.430	R[39]
G	4	417.220	4165.355	4149.337	4150.345	4148.329	G[38]
K	5	543.315	4108.334	4092.315	4093.322	4091.307	K[37]
Q	6	673.374	3989.239	3974.220	3965.228	3963.213	Q[36]
G	7	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.138	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1213.667	3382.904	3366.886	3367.893	3365.878	A[30]
K	13	1341.782	3311.867	3295.848	3296.856	3294.841	K[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
K	17	1798.063	2883.592	2867.574	2868.582	2866.566	K[25]
S	18	1885.098	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	1972.127	2640.455	2624.441	2625.448	2623.433	S[23]
R	20	2128.228	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2199.265	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2286.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2369.371	2269.268	2253.249	2254.257	2252.241	L[19]
Q	24	2497.429	2156.184	2140.165	2141.173	2139.157	Q[18]
F	25	2644.498	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.551	1881.057	1865.038	1866.046	1864.031	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3053.742	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3153.810	1491.833	1455.794	1456.802	1454.785	V[12]
H	31	3289.869	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.489	949.474	L[8]
R	35	3828.239	853.416	837.398	838.405	836.390	R[7]
K	36	3956.314	697.315	681.298	682.304	680.289	K[6]
G	37	4013.356	569.220	553.201	554.209	552.194	G[5]
N	38	4127.399	512.109	496.100	497.108	495.172	N[4]
V	39	4290.462	396.156	380.137	381.145	381.129	V[3]
S	40	4377.494	235.092	219.074	220.082	218.066	S[2]
E	41	4506.537	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.55
- ▶ F104903.dat
- ▶ query=q2814_p1
- ▶ precursor=752.097670
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	c	AA	
S	1	74.062	2054.264	2266.285	8.804	2245.781	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2161.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.671	2046.681	2047.105	2046.157	K[37]
G	6	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	385.703	1926.594	1918.584	1919.088	1918.080	G[35]
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.337	1692.959	1684.949	1685.453	1684.445	A[30]
K	13	671.395	1656.437	1648.428	1648.932	1647.924	K[29]
A	14	706.913	1592.390	1584.380	1584.884	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	896.526	1442.800	1434.790	1435.294	1434.286	R[25]
S	18	913.051	1364.249	1356.240	1356.744	1355.736	S[24]
S	19	986.567	1328.733	1321.724	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1126.647	1153.648	1155.639	1156.143	1155.135	G[20]
L	23	1185.189	1138.137	1127.128	1127.632	1126.624	L[19]
Q	24	1249.218	1073.595	1070.586	1071.090	1070.082	Q[18]
F	25	1322.753	1014.568	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.033	933.023	933.526	932.518	F[16]
V	27	1420.813	892.506	884.496	885.000	883.992	V[15]
G	28	1449.324	842.971	834.962	835.466	834.458	G[14]
R	29	1507.874	814.481	806.451	806.955	805.947	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.866	679.370	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.296	532.286	532.790	531.783	L[9]
L	34	1838.573	489.764	479.749	479.248	478.241	L[8]
R	35	1914.623	427.212	419.202	419.706	418.698	R[7]
K	36	1978.671	349.161	341.152	341.656	340.648	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.726	199.562	191.572	192.076	191.068	V[3]
S	40	2199.251	118.056	110.041	110.544	109.537	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=61.55
- ▶ F104903.dat
- ▶ query=q2814_p1
- ▶ precursor=752.097670
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#=1	#=2	#=3	AA	
S	1	489.697	1503.178	1487.830	8.872	1487.561	S[41]
G	2	86.704	1490.184	1454.825	0.672	1454.480	G[49]
R	3	1307.748	1441.157	1435.817	1436.153	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.120	1383.440	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.732	1279.392	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.842	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.310	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.306	1122.967	1123.303	1122.631	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1098.952	K[29]
A	14	491.611	1081.929	1056.589	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.870	T[26]
R	17	600.626	981.869	956.529	956.865	956.193	R[25]
S	18	629.017	959.835	954.495	954.831	954.160	S[24]
S	19	658.047	938.025	875.485	875.821	875.149	S[23]
R	20	710.081	951.814	946.474	946.810	946.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.105	A[21]
G	22	752.767	778.101	770.762	771.098	770.426	G[20]
L	23	790.462	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	733.305	724.000	724.336	723.722	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.261	622.597	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1015.558	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	490.275	485.036	486.372	485.600	V[12]
H	31	1097.394	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.578	317.489	317.825	317.153	L[8]
R	35	1275.753	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.390	128.051	128.387	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=61.55
- ▶ F104903.dat
- ▶ query=q2814_p1
- ▶ precursor=752.097670
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	m	p	#=1	#=2	#	AA
S	1	37.505	1127.636	1123.631	0.705	1123.370	S[41]
G	2	51.780	1035.375	1091.370	0.795	1002.110	G[40]
R	3	90.805	1081.120	1077.115	1077.367	1076.863	R[39]
G	4	109.001	1042.094	1038.090	1038.342	1037.838	G[38]
K	5	137.084	1027.839	1023.834	1024.086	1023.582	K[37]
G	6	169.059	995.815	961.811	962.063	961.559	G[36]
G	7	193.354	963.801	959.796	960.048	959.544	G[35]
G	8	197.610	949.545	945.541	945.792	945.289	G[34]
K	9	239.613	935.290	931.285	931.537	931.033	K[33]
A	10	247.303	903.266	899.261	899.513	899.009	A[32]
R	11	286.418	895.507	881.502	881.754	881.250	R[31]
A	12	304.177	868.482	842.477	842.729	842.225	A[30]
K	13	336.201	828.722	824.718	824.970	824.466	K[29]
A	14	353.980	796.699	792.694	792.946	792.442	A[28]
K	15	385.904	778.939	774.935	775.187	774.683	K[27]
T	16	411.246	746.915	742.911	743.163	742.659	T[26]
R	17	459.271	721.954	717.949	718.201	717.697	R[25]
S	18	472.609	692.629	692.624	692.876	692.372	S[24]
S	19	493.787	660.970	656.966	657.218	656.714	S[23]
R	20	532.613	639.112	635.108	635.360	634.856	R[22]
A	21	550.572	600.087	596.082	596.334	595.830	A[21]
G	22	564.827	582.329	578.323	578.575	578.071	G[20]
L	23	593.098	568.072	564.068	564.320	563.816	L[19]
Q	24	625.113	539.801	535.797	536.049	535.545	Q[18]
F	25	661.880	507.797	503.792	504.044	503.540	F[17]
F	26	698.143	471.020	467.015	467.267	466.763	F[16]
V	27	710.910	446.756	442.752	443.004	442.500	V[15]
G	28	725.169	421.989	417.985	418.237	417.733	G[14]
R	29	764.181	389.734	385.729	385.981	385.477	R[13]
V	30	788.958	368.709	364.704	364.956	364.452	V[12]
H	31	823.223	343.942	339.937	340.189	339.685	H[11]
R	32	862.248	309.677	305.672	305.924	305.420	R[10]
L	33	890.519	270.652	266.647	266.899	266.395	L[9]
L	34	918.770	242.381	238.376	238.628	238.124	L[8]
R	35	957.615	214.110	210.105	210.357	209.853	R[7]
K	36	989.839	175.084	171.079	171.331	170.827	K[6]
G	37	1004.094	143.061	139.056	139.308	138.804	G[5]
N	38	1032.605	128.805	124.800	125.052	124.548	N[4]
V	39	1073.371	100.294	96.289	96.541	96.037	V[3]
S	40	1095.419	99.529	95.524	95.776	95.272	S[2]
E	41	1127.590	97.771	93.766	94.018	93.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=61.55
- ▶ F104903.dat
- ▶ query=q2814_p1
- ▶ precursor=752.097670
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.290	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.859	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.835	756.634	756.835	756.432	G[34]
K[9]	183.908	748.431	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.136	708.007	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.305	543.100	543.302	542.899	S[24]
S[19]	399.231	528.899	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.930	357.607	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.589	334.791	334.388	G[14]
K[29]	611.354	326.389	323.185	323.386	322.983	K[13]
V[30]	631.368	295.165	291.960	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.106	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.285	168.487	168.084	R[7]
K[36]	792.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.477	114.650	111.446	111.648	111.245	G[5]
H[38]	828.286	103.245	100.042	100.243	99.840	H[6]
V[39]	859.698	80.431	77.223	77.425	77.022	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.34
- ▶ F104903.dat
- ▶ query=q2815_p1
- ▶ precursor=644.799140
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4507.521	4491.502	0.000	4490.494	S 41
G 2	304.098	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.220	4165.355	4149.337	4150.345	4148.329	G 38
K 5	543.315	4108.334	4092.315	4093.322	4091.307	K 37
Q 6	673.374	3989.239	3974.220	3985.228	3983.211	Q 36
G 7	730.395	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.650	3536.005	3522.987	3523.995	3521.979	R 31
A 12	1213.667	3382.904	3366.886	3367.893	3366.878	A 30
K 13	1341.782	3311.867	3295.848	3296.856	3294.841	K 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1798.063	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1885.098	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.127	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2128.228	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.265	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2286.287	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2369.371	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2497.429	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2644.498	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2741.551	1881.057	1865.038	1866.046	1864.031	P 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.742	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3153.810	1519.833	1455.794	1456.802	1454.785	V 12
H 31	3289.869	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.509	950.482	951.489	949.474	L 8
R 35	3828.239	851.416	837.398	838.405	836.390	R 7
K 36	3956.314	697.315	681.297	682.304	680.289	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.100	497.108	495.172	N 4
V 39	4290.462	396.156	382.137	383.145	381.129	V 3
S 40	4377.494	235.092	219.074	220.082	218.066	S 2
E 41	4506.537	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=38.34
- ▶ F104903.dat
- ▶ query=q2815_p1
- ▶ precursor=644.799140
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#s1	#s2	c	AA
S	74.062	2054.264	2266.255	0.804	2245.781	S[41]
G	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	180.603	2161.232	2153.233	2153.236	2152.710	R[39]
G	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
G	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	385.703	1926.594	1918.584	1919.088	1918.080	G[35]
G	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	607.347	1692.959	1684.949	1685.453	1684.445	A[30]
K	671.395	1656.437	1648.428	1648.932	1647.924	K[29]
A	706.913	1592.900	1584.890	1584.884	1583.876	A[28]
K	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	895.329	1442.800	1434.791	1435.294	1434.287	R[25]
S	943.051	1384.269	1356.240	1356.744	1355.736	S[24]
S	986.567	1320.733	1312.724	1313.228	1312.220	S[23]
R	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	1126.647	1153.648	1155.639	1156.143	1155.135	G[20]
L	1165.789	1138.137	1129.127	1127.632	1126.624	L[19]
Q	1269.218	1073.595	1070.586	1071.090	1070.082	Q[18]
F	1322.753	1014.566	1006.557	1007.061	1006.053	F[17]
F	1371.279	941.032	933.023	933.526	932.519	F[16]
V	1420.811	892.506	884.496	885.000	883.992	V[15]
G	1449.324	846.971	834.962	835.466	834.458	G[14]
R	1527.814	814.461	806.451	806.955	805.947	R[13]
V	1576.909	736.410	728.401	728.905	727.897	V[12]
H	1645.438	688.876	678.866	679.370	678.363	H[11]
R	1723.489	618.346	610.337	610.841	609.833	R[10]
L	1780.031	540.296	532.286	532.790	531.783	L[9]
L	1836.573	483.754	475.744	476.248	475.241	L[8]
R	1914.623	427.212	419.202	419.706	418.699	R[7]
K	1978.671	349.161	341.152	341.656	340.648	K[6]
G	2067.181	285.114	277.104	277.608	276.600	G[5]
N	2094.203	256.603	248.594	249.098	248.090	N[4]
V	2145.736	199.562	191.552	192.056	191.048	V[3]
S	2199.251	118.056	110.047	110.551	109.543	S[2]
E	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=38.34
- ▶ F104903.dat
- ▶ query=q2815_p1
- ▶ precursor=644.799140
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA	
S	1	48.607	1502.178	1497.839	0.872	1497.563	S[41]
G	2	86.704	1460.184	1454.225	0.672	1454.480	G[40]
R	3	130.718	1441.157	1435.817	1436.153	1435.482	R[39]
G	4	159.745	1389.123	1383.784	1384.120	1383.440	G[38]
K	5	182.443	1370.110	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.732	1279.392	1279.729	1279.056	G[35]
G	8	263.144	1245.725	1240.385	1240.721	1240.049	G[34]
K	9	305.842	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.390	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.306	1123.967	1123.303	1122.631	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1098.952	K[29]
A	14	491.611	1081.929	1056.589	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.876	T[26]
R	17	606.626	961.869	956.529	956.865	956.193	R[25]
S	18	629.319	959.839	954.499	954.834	954.162	S[24]
S	19	658.947	980.825	875.485	875.821	875.149	S[23]
R	20	710.081	951.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.789	794.441	794.777	794.105	A[21]
G	22	752.767	778.101	770.762	771.098	770.426	G[20]
L	23	769.483	737.094	731.754	732.090	731.419	L[19]
Q	24	833.148	719.356	714.008	714.344	713.672	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.522	627.600	622.251	622.587	622.015	F[16]
V	27	947.545	595.139	590.080	590.416	589.864	V[15]
G	28	966.552	566.317	560.977	561.313	560.641	G[14]
R	29	1013.568	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	491.276	485.938	486.272	485.600	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.874	317.489	317.825	317.153	L[8]
R	35	1275.753	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1436.826	133.390	128.051	128.386	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=38.34
- ▶ F104903.dat
- ▶ query=q2815_p1
- ▶ precursor=644.799140
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	s	p	#s1	#s2	#s3	AA
S	1	37.505	1127.636	1123.631	0.795	913.271	S[41]
G	2	51.780	1026.375	1091.370	0.795	1091.118	G[40]
R	3	90.805	1081.120	1077.115	1077.367	1076.861	R[39]
G	4	109.001	1042.094	1038.090	1038.342	1037.830	G[38]
K	5	137.064	1027.839	1023.834	1024.086	1023.582	K[37]
G	6	169.059	995.015	991.811	992.267	991.559	G[36]
G	7	193.254	963.801	959.700	960.048	959.544	G[35]
G	8	197.610	949.545	945.541	945.792	945.289	G[34]
K	9	229.613	935.290	931.285	931.537	931.031	K[33]
A	10	247.201	903.266	899.261	899.513	899.007	A[32]
R	11	286.418	885.507	881.502	881.754	881.250	R[31]
A	12	304.177	846.482	842.477	842.729	842.225	A[30]
K	13	336.201	828.722	824.718	824.970	824.466	K[29]
A	14	353.960	796.699	792.694	792.946	792.442	A[28]
K	15	385.904	778.939	774.935	775.187	774.683	K[27]
T	16	411.246	746.915	742.911	743.163	742.659	T[26]
R	17	458.274	721.954	717.649	717.901	717.397	R[25]
S	18	472.609	692.609	678.624	678.876	678.372	S[24]
S	19	493.787	660.870	656.866	657.118	656.614	S[23]
R	20	532.613	638.112	635.108	635.360	634.856	R[22]
A	21	550.572	600.087	596.082	596.334	595.830	A[21]
G	22	564.827	582.328	578.323	578.575	578.071	G[20]
L	23	593.098	568.072	564.068	564.320	563.816	L[19]
Q	24	625.113	539.801	535.797	536.049	535.545	Q[18]
F	25	661.880	507.787	503.782	504.034	503.530	F[17]
F	26	698.143	471.020	467.015	467.267	466.763	F[16]
V	27	710.910	446.756	442.752	443.004	442.500	V[15]
G	28	725.166	421.989	417.985	418.237	417.733	G[14]
R	29	764.415	389.734	385.729	385.981	385.477	R[13]
V	30	788.958	368.709	364.704	364.956	364.452	V[12]
H	31	823.223	343.942	339.937	340.189	339.685	H[11]
R	32	862.248	309.677	305.672	305.924	305.420	R[10]
L	33	890.519	270.652	266.647	266.899	266.395	L[9]
L	34	918.790	242.381	238.376	238.628	238.124	L[8]
R	35	957.815	214.110	210.105	210.357	209.853	R[7]
K	36	989.839	175.084	171.079	171.331	170.827	K[6]
G	37	1064.094	143.061	139.056	139.308	138.804	G[5]
N	38	1032.605	128.805	124.800	125.052	124.548	N[4]
V	39	1078.271	100.294	96.289	96.541	96.037	V[3]
S	40	1098.124	99.529	95.524	95.776	95.272	S[2]
E	41	1127.390	97.771	93.766	94.018	93.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=38.34
- ▶ F104903.dat
- ▶ query=q2815_p1
- ▶ precursor=644.799140
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	902.310	899.108	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.846	805.097	801.893	062.095	801.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.954	793.650	793.851	793.448	Q[36]
G[7]	146.685	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.838	756.634	756.835	756.432	G[34]
K[9]	183.908	748.833	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.336	708.607	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.960	634.757	634.958	634.555	A[28]
K[15]	308.989	623.753	620.549	620.751	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	529.996	526.791	526.994	526.592	S[23]
R[20]	426.451	511.491	508.288	508.489	508.088	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	494.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.831	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.530	357.607	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.589	334.791	334.388	G[14]
R[29]	611.554	326.389	323.185	323.386	322.983	R[13]
V[30]	631.368	295.168	291.965	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.106	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.285	168.487	168.084	R[7]
K[36]	782.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.877	114.650	111.446	111.648	111.245	G[5]
N[38]	826.286	103.246	100.042	100.243	99.840	N[4]
V[39]	858.898	80.437	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=38.34
- ▶ F104903.dat
- ▶ query=q2815.p1
- ▶ precursor=644.799140
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA		
S	1	25.352	752.093	749.423	0.839	149.255	S	41
G	2	34.856	730.586	727.916	0.839	727.748	G	40
R	3	60.873	721.082	718.412	718.580	718.244	R	39
G	4	70.376	695.065	692.396	692.563	692.238	G	38
K	5	91.725	685.562	682.892	683.060	682.724	K	37
Q	6	113.068	674.213	661.543	661.711	661.375	Q	36
G	7	122.572	642.869	640.200	640.368	640.032	G	35
G	8	132.076	631.366	630.696	630.864	630.528	G	34
K	9	153.425	623.862	621.193	621.360	621.024	K	33
A	10	165.264	602.513	599.843	600.011	599.675	A	32
R	11	191.381	590.674	588.004	588.172	587.836	R	31
A	12	203.121	564.657	561.987	562.155	561.819	A	30
K	13	224.470	552.817	550.147	550.315	549.980	K	29
A	14	236.309	531.468	528.798	528.966	528.630	A	28
K	15	257.658	519.629	516.959	517.127	516.791	K	27
T	16	274.500	498.279	495.610	495.778	495.442	T	26
R	17	300.517	481.438	478.768	478.936	478.600	R	25
S	18	313.022	456.421	453.752	453.919	453.584	S	24
S	19	329.527	440.916	438.246	438.414	438.078	S	23
R	20	355.544	426.411	423.741	423.909	423.573	R	22
A	21	367.384	400.994	397.724	397.892	397.556	A	21
G	22	376.887	388.554	385.884	386.052	385.716	G	20
L	23	395.735	379.051	376.381	376.549	376.213	L	19
Q	24	417.078	360.203	357.534	357.702	357.366	Q	18
P	25	441.589	338.880	336.190	336.358	336.022	P	17
P	26	457.765	314.349	311.679	311.847	311.511	P	16
V	27	474.276	298.173	295.503	295.672	295.336	V	15
G	28	483.779	281.662	278.992	279.160	278.824	G	14
R	29	500.796	272.158	269.488	269.657	269.321	R	13
V	30	526.308	246.142	243.472	243.640	243.304	V	12
H	31	549.151	229.630	226.960	227.128	226.792	H	11
R	32	575.168	206.787	204.117	204.285	203.949	R	10
L	33	594.015	180.770	178.100	178.268	177.932	L	9
L	34	612.862	161.923	159.253	159.421	159.085	L	8
R	35	638.879	143.075	140.405	140.574	140.238	R	7
R	36	660.228	117.059	114.389	114.557	114.221	R	6
G	37	689.732	95.709	93.040	93.208	92.872	G	5
N	38	688.739	86.206	83.536	83.704	83.368	N	4
V	39	715.916	67.199	64.529	64.697	64.361	V	3
S	40	730.422	40.021	37.352	37.520	37.184	S	2
E	41	751.929	25.516	22.846	23.014	22.678	E	1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.47
- ▶ F104903.dat
- ▶ query=q2828_p1
- ▶ precursor=756.763030
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4535.518	4519.497	0.000	4519.489	S[41]
G	2	204.098	4408.473	4390.454	0.000	4389.446	G[40]
R	3	360.199	4349.451	4333.433	4334.441	4332.425	R[39]
G	4	417.220	4193.350	4177.332	4178.339	4176.324	G[38]
K	5	587.326	4136.329	4120.310	4121.318	4119.302	K[37]
Q	6	715.345	3999.221	3980.205	3981.212	3980.197	Q[36]
G	7	772.406	3838.165	3822.146	3823.154	3821.135	G[35]
G	8	829.427	3781.143	3765.125	3766.132	3764.111	G[34]
K	9	957.522	3724.122	3708.103	3709.111	3707.099	K[33]
A	10	1028.560	3596.027	3580.008	3581.016	3579.000	A[32]
R	11	1184.661	3524.990	3508.971	3509.979	3507.961	R[31]
A	12	1255.698	3388.980	3372.970	3373.978	3371.960	A[30]
R	13	1383.793	3297.852	3281.833	3282.841	3280.825	R[29]
A	14	1454.830	3169.757	3153.738	3154.746	3152.730	A[28]
K	15	1582.925	3098.719	3082.701	3083.709	3081.691	K[27]
S	16	1669.957	2970.625	2954.606	2955.614	2953.598	S[26]
R	17	1829.058	2883.562	2867.544	2868.552	2866.536	R[25]
S	18	1913.090	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	2000.122	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2156.223	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2227.260	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2384.282	2326.289	2310.270	2311.278	2309.261	G[20]
L	23	2497.306	2269.268	2253.249	2254.257	2252.241	L[19]
Q	24	2625.424	2156.184	2140.165	2141.173	2139.157	Q[18]
F	25	2672.493	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2769.546	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2868.614	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2925.635	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3031.237	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3180.808	1471.811	1455.794	1456.802	1454.786	V[12]
H	31	3317.864	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3473.965	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3587.049	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3700.133	966.500	950.482	951.489	949.473	L[8]
I	35	3859.234	853.418	837.399	838.406	836.390	I[7]
K	36	3984.329	697.315	681.296	682.304	680.289	K[6]
G	37	4041.351	669.220	653.201	654.209	652.194	G[5]
N	38	4155.394	612.109	496.180	497.188	495.172	N[4]
V	39	4318.457	398.159	382.139	383.145	381.129	V[3]
S	40	4405.489	235.062	219.074	220.082	218.066	S[2]
E	41	4534.532	148.000	132.042	133.050	131.034	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGGK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.47
- ▶ F104903.dat
- ▶ query=q2828_p1
- ▶ precursor=756.763030
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s=1	#s=2	z	AA	
S	1	74.062	2308.241	2309.250	0.804	2309.746	S[41]
G	2	102.553	2303.740	2305.731	0.804	2305.227	G[40]
R	3	180.603	2175.229	2187.230	2167.724	2168.710	R[39]
G	4	209.114	2097.179	2099.169	2089.673	2088.660	G[38]
K	5	294.167	2058.668	2060.659	2061.163	2060.155	K[37]
G	6	358.196	1983.615	1979.602	1978.100	1975.102	G[36]
G	7	388.187	1919.586	1911.577	1912.081	1911.077	G[35]
G	8	435.217	1891.075	1883.066	1883.570	1882.562	G[34]
K	9	479.265	1863.565	1854.555	1855.059	1854.051	K[33]
A	10	514.263	1798.511	1790.500	1791.012	1790.004	A[32]
R	11	602.524	1762.999	1754.989	1755.493	1754.485	R[31]
A	12	628.353	1684.948	1676.937	1677.441	1676.433	A[30]
R	13	692.400	1649.435	1641.420	1641.924	1640.912	R[29]
A	14	727.919	1585.383	1577.373	1577.876	1576.869	A[28]
K	15	791.966	1549.863	1541.854	1542.358	1541.350	K[27]
S	16	835.482	1485.816	1477.807	1478.310	1477.303	S[26]
R	17	873.551	1442.300	1434.291	1434.794	1433.786	R[25]
S	18	957.049	1384.249	1356.240	1356.744	1355.736	S[24]
S	19	1000.565	1320.733	1312.724	1313.228	1312.220	S[23]
R	20	1078.615	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1114.134	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1142.644	1103.648	1105.639	1106.643	1105.135	G[20]
L	23	1199.187	1135.137	1127.128	1127.632	1126.624	L[19]
Q	24	1263.216	1070.586	1070.586	1071.090	1070.082	Q[18]
F	25	1336.750	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1385.276	941.053	933.023	933.526	932.519	F[16]
V	27	1434.811	892.506	884.496	885.000	883.992	V[15]
G	28	1483.271	842.971	834.962	835.466	834.458	G[14]
R	29	1541.773	814.461	806.451	806.955	805.947	R[13]
V	30	1590.306	736.410	728.401	728.905	727.897	V[12]
H	31	1659.436	688.876	678.866	679.370	678.363	H[11]
R	32	1737.488	618.346	610.337	610.841	609.833	R[10]
L	33	1794.028	540.206	532.196	532.700	531.713	L[9]
L	34	1850.570	469.794	459.783	459.286	458.281	L[8]
R	35	1928.612	427.212	419.202	419.706	418.699	R[7]
K	36	1992.668	349.161	341.152	341.656	340.648	K[6]
G	37	2021.179	285.114	277.104	277.608	276.600	G[5]
N	38	2078.200	256.603	248.594	249.098	248.090	N[4]
V	39	2159.732	199.562	191.572	192.076	191.068	V[3]
S	40	2203.246	118.056	110.047	110.544	109.537	S[2]
E	41	2287.769	74.534	66.524	67.028	66.021	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.47
- ▶ F104903.dat
- ▶ query=q2828_p1
- ▶ precursor=756.763030
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	p	s+1	s+2	s	AA
S	1	48.097	1512.510	1507.170	0.872	1506.835	S[41]
G	2	86.704	1489.636	1464.156	0.672	1463.820	G[40]
R	3	130.718	1450.489	1445.149	1445.485	1444.811	R[39]
G	4	159.745	1398.455	1393.115	1393.451	1392.779	G[38]
K	5	196.447	1379.448	1374.108	1374.444	1373.772	K[37]
G	6	239.133	1322.746	1317.457	1317.742	1317.070	G[36]
G	7	288.140	1266.066	1274.720	1275.056	1274.384	G[35]
G	8	297.147	1261.051	1255.113	1256.049	1255.377	G[34]
K	9	319.646	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	343.525	1199.347	1194.008	1194.344	1193.672	A[32]
R	11	395.558	1174.049	1170.329	1170.664	1169.991	R[31]
A	12	439.237	1123.534	1118.205	1118.541	1117.869	A[30]
K	13	461.936	1099.955	1094.616	1094.952	1094.280	K[29]
A	14	485.615	1057.257	1051.917	1052.253	1051.581	A[28]
K	15	508.313	1033.578	1028.238	1028.574	1027.902	K[27]
S	16	557.324	990.880	985.540	985.876	985.204	S[26]
R	17	606.258	948.989	956.529	956.865	956.193	R[25]
S	18	638.368	909.835	904.495	904.831	904.160	S[24]
S	19	667.376	880.825	875.485	875.821	875.149	S[23]
R	20	719.413	851.814	846.474	846.810	846.138	R[22]
A	21	743.092	799.780	794.441	794.777	794.105	A[21]
G	22	762.099	776.101	770.762	771.098	770.426	G[20]
L	23	799.793	753.094	747.754	748.090	747.418	L[19]
G	24	842.480	719.366	714.026	714.362	713.690	G[18]
F	25	891.502	676.713	671.374	671.710	671.038	F[17]
F	26	923.853	627.600	622.260	622.597	621.925	F[16]
V	27	956.876	595.139	590.000	590.336	589.664	V[15]
G	28	975.863	562.317	556.977	557.313	556.641	G[14]
R	29	1027.917	443.309	437.970	438.306	437.634	R[13]
V	30	1060.940	409.276	403.936	404.272	403.600	V[12]
H	31	1106.626	458.253	452.913	453.249	452.577	H[11]
R	32	1158.660	412.567	407.227	407.563	406.891	R[10]
L	33	1196.355	360.533	355.193	355.529	354.857	L[9]
L	34	1234.049	322.876	317.536	317.872	317.200	L[8]
R	35	1258.848	285.144	279.804	280.140	279.468	R[7]
K	36	1328.781	233.110	227.770	228.106	227.434	K[6]
G	37	1347.788	190.412	185.072	185.408	184.736	G[5]
N	38	1385.803	171.404	166.064	166.400	165.728	N[4]
V	39	1440.157	133.390	128.050	128.386	127.714	V[3]
S	40	1469.166	99.136	93.796	94.132	93.460	S[2]
E	41	1512.182	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=62.47
- ▶ F104903.dat
- ▶ query=q2828_p1
- ▶ precursor=756.763030
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	m	p	#s=1	#s=2	#s=3	#s=4	AA
S	1	37.505	1134.634	1130.630	0.705	1130.370	0.541	G49
G	2	51.780	1102.374	1098.369	0.795	1039.117	0.469	R30
R	3	90.805	1088.118	1084.114	1084.366	1083.862	0.430	G38
G	4	109.001	1049.093	1045.088	1045.340	1044.836	0.338	K37
K	5	147.587	1034.839	1030.833	1031.085	1030.581	0.267	Q36
G	6	179.604	992.311	988.307	988.559	988.055	0.205	G45
G	7	193.857	960.291	959.287	956.544	956.040	0.154	K33
G	8	208.112	948.041	942.037	942.289	941.785	0.103	A32
K	9	240.136	931.788	927.781	928.033	927.529	0.052	R31
A	10	257.895	899.762	895.757	896.009	895.505	0.001	A30
R	11	296.921	882.003	877.998	878.250	877.746	0.000	A28
A	12	314.680	842.978	838.973	839.225	838.721	0.000	K29
K	13	346.704	825.215	821.214	821.466	820.962	0.000	A26
A	14	384.443	793.195	789.190	789.442	788.938	0.000	R27
K	15	396.497	775.435	771.431	771.683	771.179	0.000	S26
S	16	418.245	743.412	739.407	739.659	739.155	0.000	R25
R	17	457.270	721.954	717.949	718.201	717.697	0.000	S24
S	18	479.028	692.626	688.621	688.873	688.369	0.000	R22
S	19	500.786	660.970	656.966	657.218	656.714	0.000	A21
R	20	539.811	639.112	635.108	635.360	634.856	0.000	Q20
A	21	557.571	600.087	596.082	596.334	595.830	0.000	Q19
G	22	571.826	582.328	578.323	578.575	578.071	0.000	Q18
L	23	603.097	568.072	564.068	564.320	563.816	0.000	Q17
Q	24	632.112	539.803	535.797	536.049	535.545	0.000	F17
F	25	668.879	507.787	503.782	504.034	503.530	0.000	F16
P	26	693.142	471.020	467.015	467.267	466.763	0.000	V15
V	27	717.909	446.756	442.752	443.004	442.500	0.000	Q14
G	28	752.104	421.989	417.985	418.237	417.733	0.000	R13
R	29	771.190	409.734	405.729	405.981	405.477	0.000	V12
V	30	795.957	388.709	384.704	384.956	384.452	0.000	H11
H	31	830.221	343.942	339.937	340.189	339.685	0.000	R10
R	32	869.247	309.677	305.672	305.924	305.420	0.000	L9
L	33	897.518	270.652	266.647	266.899	266.395	0.000	R15
L	34	925.989	242.361	238.356	238.608	238.104	0.000	R17
R	35	964.814	214.110	210.105	210.357	209.853	0.000	K6
K	36	996.838	175.084	171.079	171.331	170.827	0.000	G5
G	37	1011.093	143.061	139.056	139.308	138.804	0.000	N4
N	38	1039.604	128.805	124.800	125.052	124.548	0.000	F3
F	39	1080.370	100.294	96.289	96.541	96.037	0.000	S21
S	40	1103.218	98.529	94.524	94.776	94.272	0.000	E1
E	41	1134.888	97.771	93.766	94.018	93.514	0.000	

sp | Q8BFU2 | H2A3_MOUSE

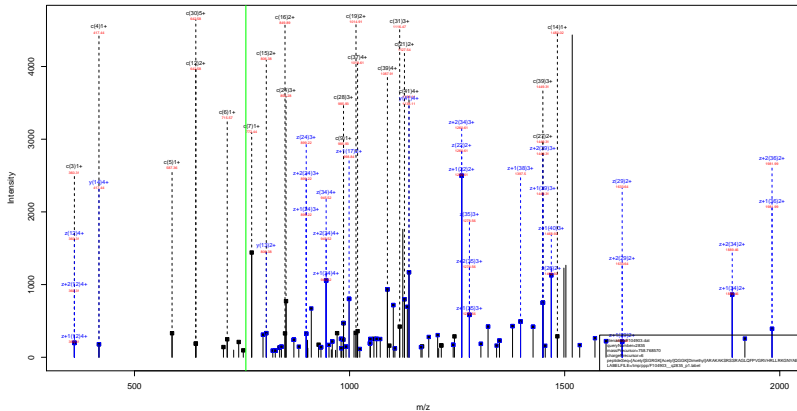
[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=62.47
- ▶ F104903.dat
- ▶ query=q2828_p1
- ▶ precursor=756.763030
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	907.909	904.705	0.806	904.504	S	41
G	2	41.625	392.100	875.897	0.806	876.695	G	40
R	3	72.846	870.696	867.492	867.594	867.291	R	39
G	4	84.250	839.476	836.272	836.474	836.071	G	38
K	5	118.271	828.072	824.868	825.069	824.666	K	37
Q	6	143.883	794.050	790.847	791.048	790.645	Q	36
G	7	195.287	768.439	765.235	765.437	765.033	G	35
G	8	166.691	757.034	753.831	754.032	753.629	G	34
K	9	192.310	745.930	742.728	742.928	742.525	K	33
A	10	208.518	720.011	716.807	717.009	716.606	A	32
R	11	237.738	705.804	702.600	702.802	702.398	R	31
A	12	251.945	674.584	671.380	671.581	671.178	A	30
K	13	277.564	660.376	657.172	657.374	656.971	K	29
A	14	291.772	634.757	631.553	631.755	631.352	A	28
K	15	317.391	620.550	617.346	617.548	617.144	K	27
S	16	334.797	594.931	591.727	591.929	591.525	S	26
R	17	366.017	577.524	574.321	574.522	574.119	R	25
S	18	383.424	546.304	543.100	543.302	542.899	S	24
S	19	400.830	528.696	525.491	525.694	525.292	S	23
R	20	432.050	511.491	508.288	508.489	508.086	R	22
A	21	446.258	480.271	477.067	477.269	476.866	A	21
G	22	457.662	466.064	462.860	463.061	462.658	G	20
L	23	480.279	494.659	451.456	451.657	451.254	L	19
Q	24	505.891	432.043	428.839	429.040	428.637	Q	18
F	25	535.304	406.431	403.227	403.429	403.026	F	17
P	26	554.715	377.017	373.813	374.015	373.612	P	16
V	27	574.520	357.807	354.603	354.804	354.401	V	15
G	28	589.933	337.793	334.589	334.791	334.388	G	14
R	29	617.153	326.380	323.176	323.378	322.975	R	13
V	30	636.967	295.168	291.965	292.166	291.763	V	12
H	31	664.379	275.355	272.151	272.353	271.949	H	11
R	32	695.599	247.943	244.739	244.941	244.538	R	10
L	33	718.216	216.723	213.519	213.721	213.317	L	9
L	34	740.832	194.109	190.902	191.104	190.701	L	8
R	35	772.053	171.489	168.283	168.487	168.084	R	7
K	36	787.872	140.269	137.065	137.267	136.864	K	6
G	37	839.078	114.650	111.446	111.648	111.245	G	5
N	38	831.885	103.246	100.042	100.243	99.840	N	4
V	39	864.497	80.437	77.233	77.435	77.032	V	3
S	40	881.904	47.824	44.621	44.822	44.419	S	2
E	41	907.712	30.418	27.214	27.416	27.013	E	1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} QGGK^{Dimethyl}_{28.03} ARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK_{42.01} QGGK^{Dimethyl}_{28.03} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.66
- ▶ F104903.dat
- ▶ query=q2835_p1
- ▶ precursor=758.768570
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4547.953	4531.533	0.000	4530.529	S[41]
G	2	204.068	4418.908	4402.491	0.000	4401.483	G[40]
R	3	360.199	4301.488	4285.409	4346.477	4344.461	R[39]
G	4	417.220	4235.387	4189.308	4190.376	4188.360	G[38]
K	5	587.326	4148.365	4132.307	4133.364	4131.339	K[37]
Q	6	715.345	3978.260	3962.241	3963.249	3961.231	Q[36]
G	7	772.406	3899.200	3854.120	3838.190	3835.175	G[35]
G	8	829.427	3793.180	3777.101	3778.169	3776.153	G[34]
K	9	965.554	3736.158	3720.140	3721.147	3719.131	K[33]
A	10	1056.591	3580.032	3564.013	3565.021	3563.005	A[32]
R	11	1212.692	3508.995	3482.976	3483.984	3481.968	R[31]
A	12	1283.729	3382.984	3338.975	3337.983	3335.967	A[30]
R	13	1411.824	3281.857	3265.838	3266.846	3264.830	R[29]
A	14	1482.861	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1610.956	3062.725	3066.706	3067.714	3065.698	K[27]
S	16	1507.988	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1854.089	2897.586	2851.579	2852.587	2850.571	R[25]
S	18	1991.121	2741.490	2695.478	2696.486	2694.470	S[24]
S	19	2028.153	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2184.254	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2255.292	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2312.313	2310.294	2294.275	2295.283	2293.267	G[20]
L	23	2435.307	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2553.458	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2700.524	2012.130	1996.111	1997.119	1995.104	F[17]
P	26	2797.577	1895.062	1849.043	1850.051	1848.035	P[16]
V	27	2896.645	1768.000	1751.990	1752.998	1750.982	V[15]
G	28	2953.667	1668.940	1652.922	1653.930	1651.914	G[14]
R	29	3109.266	1611.910	1595.900	1596.908	1594.892	R[13]
V	30	3208.438	1455.810	1440.799	1441.807	1439.791	V[12]
H	31	3345.895	1356.748	1340.731	1341.739	1339.723	H[11]
R	32	3501.996	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3615.080	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3728.164	950.505	934.486	935.495	933.479	L[8]
R	35	3884.266	837.421	821.403	822.410	820.394	R[7]
K	36	4012.300	681.320	665.302	666.309	664.293	K[6]
G	37	4069.382	553.225	537.207	538.214	536.199	G[5]
N	38	4183.425	406.204	480.185	481.193	479.177	N[4]
V	39	4346.488	382.161	366.142	367.150	365.134	V[3]
A	40	4417.525	219.086	203.079	204.087	202.071	A[2]
E	41	4546.568	148.000	132.982	133.990	131.974	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK_{42.01} QGGK^{Dimethyl} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{28.03}YAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.66
- ▶ F104903.dat
- ▶ query=q2835_p1
- ▶ precursor=758.768570
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	w	#±1	#±2	z	AA	
S	1	74.042	2274.246	2269.210	8.804	2265.167	S[41]
G	2	102.553	2269.755	2261.749	0.504	2261.245	G[40]
R	3	180.603	2181.248	2173.238	2173.742	2172.734	R[39]
G	4	209.114	2103.197	2095.189	2095.692	2094.684	G[38]
K	5	294.167	2074.699	2066.677	2067.181	2066.173	K[37]
G	6	358.196	1999.634	1991.624	1992.126	1991.120	G[36]
G	7	389.379	1925.604	1917.595		1918.099	G[35]
G	8	435.217	1897.093	1889.084	1889.588	1888.580	G[34]
K	9	493.261	1868.583	1860.573	1861.077	1860.069	K[33]
A	10	528.799	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	605.850	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	642.368	1678.943	1669.933	1669.436	1669.430	A[30]
K	13	706.416	1643.432	1633.423	1633.927	1632.919	K[29]
A	14	741.934	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	805.982	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	849.498	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	927.548	1434.302	1428.293	1428.797	1428.789	R[25]
S	18	971.064	1366.262	1348.243	1348.746	1347.739	S[24]
S	19	1014.580	1312.738	1304.726	1305.230	1304.223	S[23]
R	20	1092.631	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1128.149	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1156.660	1135.071	1147.061	1148.065	1147.137	G[20]
L	23	1213.202	1127.140	1119.131	1119.635	1118.627	L[19]
G	24	1277.212	1070.598	1062.589	1063.093	1062.085	G[18]
F	25	1350.716	1006.599	998.559	999.063	998.055	F[17]
F	26	1399.292	933.034	925.025	925.529	924.521	F[16]
V	27	1448.826	884.506	876.499	877.003	876.005	V[15]
G	28	1477.317	838.974	826.965	827.468	826.461	G[14]
R	29	1555.388	806.463	798.454	798.958	797.950	R[13]
V	30	1604.922	728.413	720.403	720.907	719.899	V[12]
H	31	1673.451	678.878	670.869	671.373	670.365	H[11]
R	32	1751.502	610.349	602.340	602.843	601.835	R[10]
L	33	1838.044	532.299	524.289	524.793	523.785	L[9]
L	34	1884.588	478.766	469.747	469.251	468.243	L[8]
R	35	1962.636	419.214	411.205	411.709	410.701	R[7]
K	36	2006.684	341.164	333.154	333.658	332.650	K[6]
G	37	2058.195	277.116	269.107	269.611	268.603	G[5]
M	38	2092.216	248.606	240.596	241.100	240.092	M[4]
V	39	2178.748	181.564	183.575	184.079	183.071	V[3]
A	40	2209.266	110.026	109.043	109.547	108.539	A[2]
E	41	2273.788	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK^{42.01} QGGK^{Dimethyl} D^{28.03} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=57.66
- ▶ F104903.dat
- ▶ query=q2835_p1
- ▶ precursor=758.768570
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	w	#±1	#±2	#±3	AA	
S	1	49.607	1518.322	1511.193	0.672	1519.847	S[41]
G	2	66.704	1473.526	1468.168	0.672	1467.832	G[49]
R	3	130.718	1454.501	1449.161	1449.497	1448.825	R[30]
G	4	139.745	1402.467	1397.128	1397.463	1396.792	G[38]
K	5	196.447	1383.460	1378.120	1378.456	1377.781	K[37]
G	6	239.123	1326.759	1321.419	1321.754	1321.083	G[36]
G	7	288.140	1284.072	1278.732	1279.068	1278.398	G[55]
G	8	297.147	1265.065	1259.725	1260.061	1259.399	G[34]
K	9	339.189	1246.058	1240.718	1241.054	1240.382	K[33]
A	10	352.668	1194.016	1188.076	1189.012	1188.340	A[32]
R	11	404.902	1170.336	1164.997	1165.333	1164.661	R[31]
A	12	408.903	1138.303	1132.963	1133.299	1132.623	A[30]
K	13	471.280	1094.624	1089.284	1089.620	1088.944	K[29]
A	14	484.959	1051.925	1046.585	1046.922	1046.250	A[28]
K	15	537.657	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	566.668	985.548	980.208	980.544	979.873	S[26]
R	17	618.204	956.517	951.177	951.514	950.842	R[25]
S	18	647.712	904.504	899.164	899.500	898.829	S[24]
S	19	676.723	875.493	870.153	870.489	869.817	S[23]
R	20	738.756	846.482	841.143	841.479	840.807	R[22]
A	21	752.435	794.449	789.109	789.445	788.773	A[21]
G	22	771.443	770.770	765.430	765.766	765.094	G[20]
L	23	809.138	754.762	749.422	749.758	749.086	L[19]
G	24	851.823	714.085	708.745	709.084	708.412	G[18]
F	25	900.540	671.382	666.042	666.378	665.706	F[17]
F	26	933.197	622.359	617.019	617.355	616.683	F[16]
V	27	966.220	590.006	584.666	585.004	584.332	V[15]
G	28	985.227	556.985	551.645	551.981	551.309	G[14]
R	29	1017.674	519.076	513.736	514.074	513.402	R[13]
V	30	1070.204	485.944	480.604	480.941	480.269	V[12]
H	31	1115.970	452.921	447.581	447.918	447.246	H[11]
R	32	1168.004	407.235	401.895	402.231	401.560	R[10]
L	33	1205.058	355.201	349.862	350.198	349.526	L[9]
L	34	1243.293	312.509	307.169	307.505	306.833	L[8]
R	35	1285.654	279.812	274.472	274.808	274.136	R[7]
K	36	1338.125	227.778	222.438	222.775	222.103	K[6]
G	37	1357.132	185.980	179.740	180.076	179.404	G[5]
N	38	1395.146	166.073	160.733	161.069	160.397	N[4]
V	39	1449.501	128.098	122.758	123.095	122.423	V[3]
A	40	1491.516	83.348	78.008	78.344	77.672	A[2]
E	41	1518.194	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK^{42.01} QGGK^{Dimethyl} D^{28.03} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=57.66
- ▶ F104903.dat
- ▶ query=q2835_p1
- ▶ precursor=758.768570
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#+1	#+2	z	AA
S 1	37.505	1137.643	1133.639	0.705	0.705	5 41
G 2	51.780	1105.383	1101.378	0.705	0.705	1101.126 G 40
R 3	90.805	1091.127	1087.123	1087.375	1.088	8 30
G 4	109.001	1052.103	1048.097	1048.349	1047.846	G 38
K 5	147.587	1037.847	1033.842	1034.304	1033.590	K 37
G 6	179.602	995.320	991.316	991.568	991.064	Q 36
G 7	193.857	962.306	959.301	959.553	959.049	G 35
G 8	208.112	949.050	945.046	945.298	944.794	K 34
K 9	247.144	934.795	930.790	931.042	930.538	K 33
A 10	284.903	895.763	891.759	892.011	891.507	A 32
R 11	303.620	878.004	873.999	874.251	873.748	R 31
A 12	301.688	838.919	834.914	835.236	834.722	A 30
K 13	353.711	821.220	817.215	817.467	816.963	K 29
A 14	371.471	799.190	795.185	795.443	794.939	A 28
K 15	403.494	771.431	767.426	767.684	767.180	K 27
S 16	425.252	739.413	735.408	735.660	735.156	S 26
R 17	464.278	717.695	713.690	713.942	713.438	R 25
S 18	488.916	678.930	674.925	675.177	674.673	S 24
S 19	507.794	656.672	652.667	652.919	652.415	S 23
R 20	546.819	635.114	631.109	631.361	630.857	R 22
A 21	584.578	596.089	592.084	592.336	591.832	A 21
G 22	578.834	578.329	574.324	574.576	574.072	G 20
L 23	607.305	648.074	644.069	644.321	643.817	L 19
Q 24	630.119	635.803	631.798	632.050	631.546	Q 18
F 25	675.888	593.788	499.783	500.035	499.531	F 17
F 26	700.150	667.021	463.018	463.269	462.764	F 16
V 27	724.917	642.750	438.753	439.005	438.501	V 15
G 28	736.172	417.991	413.986	414.238	413.734	G 14
R 29	748.108	644.786	369.711	369.963	369.459	R 13
V 30	802.965	364.710	360.705	360.957	360.453	V 12
H 31	837.229	338.643	335.938	336.190	335.686	H 11
R 32	876.255	305.678	301.673	301.925	301.421	R 10
L 33	884.526	266.657	262.648	262.900	262.396	L 9
L 34	932.797	238.362	234.357	234.609	234.105	L 8
R 35	935.222	210.111	206.106	206.358	205.854	R 7
K 36	1003.846	171.088	167.083	167.335	166.829	K 6
G 37	1018.101	139.062	135.057	135.309	134.805	G 5
N 38	1096.612	124.806	120.802	121.054	120.550	N 4
V 39	1087.376	96.296	92.291	92.543	92.039	V 3
A 40	1106.137	55.530	51.525	51.777	51.273	A 2
E 41	1137.397	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK_{42.01} QGGK^{Dimethyl}_{28.03} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=57.66
- ▶ F104903.dat
- ▶ query=q2835_p1
- ▶ precursor=758.768570
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	910.316	907.112	0.806	906.911	S[41]
G[2]	41.625	394.505	881.304	0.806	881.102	G[40]
R[3]	72.846	873.103	869.900	870.101	869.699	R[39]
G[4]	84.250	841.883	838.679	838.881	838.478	G[38]
K[5]	118.271	830.479	827.275	827.477	827.074	K[37]
Q[6]	143.883	796.458	793.254	793.456	793.052	Q[36]
G[7]	195.287	770.846	767.642	767.844	767.441	G[35]
G[8]	166.691	759.442	756.238	756.440	756.036	G[34]
K[9]	197.917	748.037	744.834	745.035	744.632	K[33]
A[10]	212.124	716.812	713.608	713.810	713.407	A[32]
R[11]	243.344	702.605	699.401	699.603	699.199	R[31]
A[12]	257.552	671.385	668.181	668.382	667.979	A[30]
K[13]	283.171	657.177	653.973	654.175	653.772	K[29]
A[14]	297.378	631.958	628.754	628.956	628.553	A[28]
K[15]	322.997	617.351	614.147	614.349	613.945	K[27]
S[16]	340.403	591.732	588.528	588.730	588.326	S[26]
R[17]	371.624	574.325	571.122	571.323	570.920	R[25]
S[18]	389.830	543.105	539.901	540.103	539.700	S[24]
S[19]	408.436	525.699	522.495	522.697	522.293	S[23]
R[20]	437.657	508.292	505.089	505.290	504.887	R[22]
A[21]	451.864	477.072	473.868	474.070	473.667	A[21]
G[22]	463.268	462.865	459.661	459.862	459.459	G[20]
L[23]	485.885	451.460	448.257	448.458	448.055	L[19]
Q[24]	511.497	428.844	425.640	425.841	425.438	Q[18]
F[25]	540.911	403.232	400.028	400.230	399.827	F[17]
P[26]	560.321	373.816	370.614	370.816	370.413	P[16]
V[27]	580.135	354.408	351.203	351.405	351.002	V[15]
G[28]	593.539	334.994	331.790	331.992	331.589	G[14]
R[29]	622.759	323.190	319.986	320.187	319.784	R[13]
V[30]	642.573	291.969	288.766	288.967	288.564	V[12]
H[31]	669.985	272.156	268.952	269.154	268.750	H[11]
R[32]	701.205	244.744	241.540	241.742	241.339	R[10]
L[33]	723.822	213.524	210.320	210.522	210.118	L[9]
L[34]	746.439	190.907	187.703	187.905	187.502	L[8]
R[35]	777.659	168.290	165.086	165.288	164.885	R[7]
R[36]	803.276	137.070	133.866	134.068	133.665	R[6]
G[37]	814.682	111.851	108.247	108.449	108.046	G[5]
N[38]	837.491	100.047	96.843	97.044	96.641	N[4]
V[39]	870.103	77.238	74.034	74.236	73.833	V[3]
A[40]	894.311	44.625	41.422	41.623	41.220	A[2]
E[41]	910.119	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}GRK^{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.71
- ▶ F104903.dat
- ▶ query=q2836_p1
- ▶ precursor=650.799710
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4549.531	4531.512	0.000	4532.905	S[41]
G	2	304.098	4420.489	4404.470	0.000	4403.463	G[40]
R	3	360.199	4303.607	4347.440	4380.456	4346.441	R[39]
G	4	417.220	4207.366	4161.347	4192.355	4190.339	G[38]
K	5	587.326	4150.345	4134.320	4135.334	4133.318	K[37]
G	6	715.385	3989.239	3964.220	3985.228	3963.213	G[36]
G	7	772.406	3892.180	3836.162	3837.176	3835.154	G[35]
G	8	829.427	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	957.522	3738.138	3722.119	3723.127	3721.111	K[33]
A	10	1028.560	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1184.661	3536.005	3522.987	3523.995	3521.979	R[31]
A	12	1255.690	3392.904	3366.886	3367.893	3366.877	A[30]
K	13	1383.793	3311.867	3295.848	3296.856	3294.841	K[29]
A	14	1454.830	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1562.925	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1683.973	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1840.074	2883.592	2867.574	2868.582	2866.566	R[25]
S	18	1927.306	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	2014.138	2640.455	2624.441	2625.448	2623.433	S[23]
R	20	2170.239	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2241.476	2497.326	2481.307	2482.315	2480.300	A[21]
G	22	2298.297	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2411.361	2269.268	2253.249	2254.257	2252.241	L[19]
G	24	2519.640	2156.184	2140.165	2141.173	2139.157	G[18]
F	25	2686.508	2028.125	2012.106	2013.114	2011.099	F[17]
F	26	2783.551	1881.057	1865.038	1866.046	1864.031	F[16]
V	27	2862.630	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2919.651	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3095.752	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3194.221	1478.833	1455.794	1456.802	1454.786	V[12]
H	31	3331.880	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3487.981	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3601.065	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3714.149	956.500	950.482	951.489	949.474	L[8]
R	35	3870.250	853.416	837.398	838.405	836.390	R[7]
K	36	3998.345	697.315	681.296	682.304	680.289	K[6]
G	37	4055.366	569.220	553.201	554.209	552.194	G[5]
N	38	4199.409	512.109	496.100	497.108	495.172	N[4]
V	39	4332.473	396.156	380.137	381.145	381.129	V[3]
S	40	4419.505	235.092	219.074	220.082	218.066	S[2]
E	41	4548.547	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.71
- ▶ F104903.dat
- ▶ query=q2836_p1
- ▶ precursor=650.799710
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2278.206	2287.280	8.804	2286.187	S[41]
G	2	102.553	2210.748	2203.730	0.504	2202.232	G[40]
R	3	180.603	2182.237	2174.238	2174.732	2173.724	R[39]
G	4	209.114	2104.187	2096.177	2096.681	2095.673	G[38]
K	5	294.187	2075.676	2067.667	2068.170	2067.163	K[37]
G	6	358.196	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	388.197	1926.594	1918.584	1919.088	1918.080	G[35]
G	8	435.217	1868.083	1860.074	1860.578	1859.570	G[34]
K	9	479.265	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	514.283	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	592.834	1770.008	1762.000	1762.503	1761.495	R[31]
A	12	628.353	1692.995	1684.946	1684.450	1683.443	A[30]
R	13	662.400	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	727.919	1592.900	1584.890	1584.884	1583.876	A[28]
K	15	791.966	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	842.490	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	926.540	1442.300	1434.291	1434.794	1433.786	R[25]
S	18	984.076	1384.249	1356.240	1356.744	1355.736	S[24]
S	19	1007.572	1320.733	1312.724	1313.228	1312.220	S[23]
R	20	1085.623	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1121.142	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1149.652	1103.640	1155.630	1156.134	1155.126	G[20]
L	23	1206.094	1044.581	1135.137	1135.641	1134.633	L[19]
Q	24	1270.224	1070.566	1070.566	1071.069	1070.062	Q[18]
F	25	1343.758	1014.506	1006.557	1007.061	1006.053	F[17]
F	26	1392.284	941.032	933.023	933.526	932.519	F[16]
V	27	1441.818	892.506	884.496	885.000	883.992	V[15]
G	28	1470.329	842.971	834.962	835.466	834.458	G[14]
R	29	1543.859	814.481	806.451	806.955	805.947	R[13]
V	30	1597.914	736.410	728.401	728.905	727.897	V[12]
H	31	1666.443	698.876	678.866	679.370	678.363	H[11]
R	32	1744.494	618.346	610.337	610.841	609.833	R[10]
L	33	1803.036	540.206	532.196	532.700	531.692	L[9]
L	34	1887.578	469.754	461.744	462.248	461.240	L[8]
R	35	1935.620	427.212	419.202	419.706	418.698	R[7]
K	36	1999.676	349.161	341.152	341.656	340.648	K[6]
G	37	2028.187	285.114	277.104	277.608	276.600	G[5]
N	38	2085.208	256.603	248.594	249.098	248.090	N[4]
V	39	2166.740	189.582	181.572	182.076	181.068	V[3]
S	40	2210.266	118.056	110.046	110.550	109.542	S[2]
E	41	2274.777	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.71
- ▶ F104903.dat
- ▶ query=q2836.p1
- ▶ precursor=650.799710
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	49.697	1517.182	1311.852	8.872	1311.567	S(1)
G	2	86.704	1474.155	1468.828	0.672	1468.462	G(2)
R	3	1307.788	1455.161	1449.821	1450.157	1449.485	R(3)
G	4	139.745	1460.127	1397.787	1398.123	1397.451	G(3)
K	5	196.447	1384.120	1378.780	1379.116	1378.441	K(37)
G	6	239.133	1327.418	1322.078	1322.414	1321.742	G(36)
G	7	288.140	1384.733	1279.332	1279.728	1279.056	G(35)
G	8	277.147	1265.725	1260.385	1260.721	1260.049	G(34)
K	9	319.646	1246.717	1241.378	1241.714	1241.042	K(33)
A	10	383.525	1204.019	1198.679	1199.015	1198.344	A(32)
R	11	395.558	1180.310	1175.000	1175.336	1174.664	R(31)
A	12	419.237	1128.306	1123.967	1123.303	1122.631	A(30)
K	13	461.936	1104.627	1099.288	1099.624	1098.952	K(29)
A	14	485.615	1081.929	1056.589	1056.925	1056.253	A(28)
K	15	528.313	1038.250	1032.910	1033.246	1032.574	K(27)
T	16	561.996	995.552	990.212	990.548	989.876	T(26)
R	17	614.029	961.869	956.529	956.865	956.193	R(25)
S	18	643.640	959.835	954.495	954.831	954.160	S(24)
S	19	672.951	880.825	875.485	875.821	875.149	S(23)
R	20	734.084	851.814	846.474	846.810	846.138	R(22)
A	21	747.763	799.780	794.441	794.777	794.105	A(21)
G	22	766.771	778.101	772.762	773.098	772.426	G(20)
L	23	804.465	737.094	731.754	732.090	731.419	L(19)
Q	24	847.152	719.359	714.020	714.356	713.684	Q(18)
F	25	896.174	676.713	671.374	671.710	671.038	F(17)
F	26	928.525	627.600	622.261	622.597	621.925	F(16)
V	27	961.548	595.139	590.000	590.336	589.664	V(15)
G	28	980.555	562.317	556.977	557.313	556.641	G(14)
R	29	1023.844	543.309	537.970	538.306	537.634	R(13)
V	30	1065.612	490.275	485.036	485.372	484.700	V(12)
H	31	1111.298	458.253	452.913	453.249	452.577	H(11)
R	32	1183.332	412.967	407.227	407.563	406.891	R(10)
L	33	1201.626	368.533	363.193	363.529	362.857	L(9)
L	34	1238.971	322.316	317.000	317.336	316.664	L(8)
R	35	1290.755	285.144	279.804	280.140	279.468	R(7)
K	36	1333.453	233.110	227.770	228.106	227.434	K(6)
G	37	1352.460	190.412	185.072	185.408	184.736	G(5)
N	38	1395.475	171.404	166.065	166.401	165.729	N(4)
V	39	1444.829	133.390	128.051	128.386	127.715	V(3)
S	40	1474.580	99.136	93.796	94.132	93.460	S(2)
E	41	1518.854	50.025	44.685	45.021	44.349	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}GRK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=46.71
- ▶ F104903.dat
- ▶ query=q2836_p1
- ▶ precursor=650.799710
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.535	1138.136	1134.134	0.765	1133.882	S[41]
G	2	51.780	1105.878	1101.871	0.795	1101.621	G[40]
R	3	90.805	1091.622	1087.618	1087.870	1087.366	R[39]
G	4	105.061	1052.597	1048.592	1048.844	1048.340	G[38]
K	5	147.587	1036.342	1034.337	1034.589	1034.085	K[37]
Q	6	139.663	995.815	991.811	992.062	991.559	Q[36]
G	7	153.857	953.601	954.100	960.048	955.543	G[35]
G	8	208.112	949.545	945.541	945.792	945.289	G[34]
K	9	240.136	935.290	931.285	931.537	931.031	K[33]
A	10	257.895	903.266	899.261	899.513	899.009	A[32]
R	11	296.921	885.507	881.502	881.754	881.250	R[31]
A	12	318.680	846.482	842.477	842.729	842.225	A[30]
R	13	345.704	828.722	824.718	824.970	824.466	R[29]
A	14	394.483	796.699	792.694	792.946	792.442	A[28]
K	15	396.487	778.939	774.935	775.187	774.681	K[27]
T	16	421.745	746.915	742.911	743.163	742.659	T[26]
R	17	460.774	721.654	717.649	717.901	717.397	R[25]
S	18	482.532	652.628	678.624	678.876	678.372	S[24]
S	19	504.290	660.870	655.865	657.118	656.614	S[23]
R	20	543.315	639.112	635.108	635.360	634.856	R[22]
A	21	561.074	600.087	596.082	596.334	595.830	A[21]
G	22	575.330	582.328	578.321	578.575	578.071	G[20]
L	23	603.093	566.072	564.068	564.320	563.816	L[19]
Q	24	635.615	539.801	535.797	536.049	535.545	Q[18]
F	25	672.383	507.787	503.782	504.034	503.530	F[17]
P	26	696.646	471.020	467.015	467.267	466.763	P[16]
V	27	721.413	446.756	442.752	443.004	442.500	V[15]
G	28	735.668	421.989	417.985	418.237	417.733	G[14]
R	29	728.027	407.734	403.729	403.981	403.477	R[13]
V	30	799.461	368.769	364.764	364.966	364.462	V[12]
H	31	831.725	343.942	339.937	340.189	339.685	H[11]
R	32	872.751	309.677	305.672	305.924	305.420	R[10]
L	33	901.022	270.652	266.647	266.899	266.395	L[9]
L	34	929.283	242.381	238.376	238.628	238.124	L[8]
R	35	946.318	214.130	210.125	210.377	209.873	R[7]
R	36	1000.342	175.084	171.080	171.332	170.828	R[6]
G	37	1014.597	143.061	139.056	139.308	138.804	G[5]
N	38	1043.108	126.805	124.800	125.052	124.548	N[4]
V	39	1083.874	100.294	96.290	96.542	96.038	V[3]
S	40	1105.632	59.529	55.524	55.776	55.272	S[2]
E	41	1137.892	37.771	33.766	34.018	33.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=46.71
- ▶ F104903.dat
- ▶ query=q2836.p1
- ▶ precursor=650.799710
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	910.712	907.508	0.806	907.507	S	41
G	2	41.625	884.904	881.700	0.806	881.498	G	40
R	3	72.846	873.499	870.295	870.497	870.094	R	39
G	4	84.250	842.279	839.075	839.277	838.074	G	38
K	5	118.271	830.075	827.671	827.873	827.469	K	37
Q	6	143.883	796.954	793.650	793.851	793.448	Q	36
G	7	195.287	771.242	768.038	768.240	767.837	G	35
G	8	166.691	759.838	756.634	756.835	756.432	G	34
K	9	192.310	748.433	745.230	745.431	745.028	K	33
A	10	206.518	722.814	719.611	719.812	719.409	A	32
R	11	237.738	708.607	705.403	705.605	705.202	R	31
A	12	251.945	677.387	674.183	674.385	673.981	A	30
K	13	277.564	663.179	659.976	660.177	659.774	K	29
A	14	291.772	637.560	634.357	634.558	634.155	A	28
K	15	317.391	623.353	620.149	620.351	619.948	K	27
T	16	337.600	597.734	594.530	594.732	594.329	T	26
R	17	368.821	577.524	574.321	574.522	574.119	R	25
S	18	388.227	546.304	543.100	543.302	542.899	S	24
S	19	403.033	528.686	525.481	525.684	525.282	S	23
R	20	434.854	511.491	508.288	508.489	508.086	R	22
A	21	449.061	480.271	477.067	477.269	476.866	A	21
G	22	460.465	466.064	462.860	463.061	462.658	G	20
L	23	483.082	494.659	451.456	451.657	451.254	L	19
Q	24	508.694	432.043	428.839	429.040	428.637	Q	18
F	25	538.108	406.431	403.227	403.429	403.026	F	17
P	26	557.518	377.017	373.813	374.015	373.612	P	16
V	27	577.832	357.607	354.403	354.604	354.201	V	15
G	28	588.736	337.793	334.589	334.791	334.388	G	14
R	29	619.956	326.380	323.176	323.378	322.975	R	13
V	30	639.770	295.168	291.965	292.166	291.763	V	12
H	31	667.182	275.355	272.151	272.353	271.949	H	11
R	32	698.402	247.943	244.739	244.941	244.538	R	10
L	33	721.019	216.723	213.519	213.721	213.317	L	9
L	34	743.636	194.106	190.902	191.104	190.701	L	8
R	35	774.856	171.489	168.285	168.487	168.084	R	7
K	36	803.475	140.269	137.065	137.267	136.864	K	6
G	37	813.878	114.650	111.446	111.648	111.245	G	5
N	38	834.688	103.246	100.042	100.243	99.840	N	4
V	39	867.300	80.437	77.233	77.435	77.032	V	3
S	40	884.707	47.824	44.621	44.822	44.419	S	2
E	41	910.515	30.418	27.214	27.416	27.013	E	1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=46.71
- ▶ F104903.dat
- ▶ query=q2836.p1
- ▶ precursor=650.799710
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA		
S	1	25.352	759.095	756.425	0.839	756.257	S	41
G	2	34.856	737.587	734.918	0.839	734.750	G	40
R	3	60.873	728.084	725.414	725.582	725.246	R	39
G	4	70.376	702.067	699.397	699.565	699.229	G	38
K	5	98.727	692.563	689.894	690.062	689.726	K	37
Q	6	120.070	664.213	661.543	661.711	661.375	Q	36
G	7	129.574	642.869	640.200	640.368	640.032	G	35
G	8	139.077	631.366	630.696	630.864	630.528	G	34
K	9	180.426	623.862	621.193	621.360	621.025	K	33
A	10	172.266	602.513	599.843	600.011	599.675	A	32
R	11	198.283	590.674	588.004	588.172	587.836	R	31
A	12	210.122	564.657	561.987	562.155	561.819	A	30
K	13	231.472	552.817	550.147	550.315	549.980	K	29
A	14	243.311	531.468	528.798	528.966	528.630	A	28
K	15	264.660	519.629	516.959	517.127	516.791	K	27
T	16	281.501	498.279	495.610	495.778	495.442	T	26
R	17	307.518	481.438	478.768	478.936	478.600	R	25
S	18	323.024	455.421	452.752	452.919	452.584	S	24
S	19	336.529	440.916	438.246	438.414	438.078	S	23
R	20	362.546	426.411	423.741	423.909	423.573	R	22
A	21	374.385	400.994	397.724	397.892	397.556	A	21
G	22	383.889	388.554	385.884	386.052	385.716	G	20
L	23	402.736	379.051	376.381	376.549	376.213	L	19
Q	24	424.079	360.203	357.534	357.702	357.366	Q	18
F	25	448.591	338.880	336.190	336.358	336.022	F	17
P	26	464.766	314.349	311.679	311.847	311.511	P	16
V	27	483.278	298.173	295.503	295.672	295.336	V	15
G	28	490.781	281.662	278.992	279.160	278.824	G	14
R	29	516.798	272.158	269.489	269.657	269.321	R	13
V	30	533.309	246.142	243.472	243.640	243.304	V	12
H	31	556.153	229.630	226.960	227.128	226.792	H	11
R	32	582.169	206.787	204.117	204.285	203.949	R	10
L	33	603.017	180.770	178.100	178.268	177.932	L	9
L	34	619.884	161.923	159.253	159.421	159.085	L	8
R	35	645.881	143.075	140.405	140.574	140.238	R	7
R	36	667.230	117.059	114.389	114.557	114.221	R	6
G	37	678.734	95.709	93.040	93.208	92.872	G	5
N	38	695.741	86.206	83.536	83.704	83.368	N	4
V	39	722.918	67.199	64.529	64.697	64.361	V	3
S	40	737.423	40.021	37.352	37.520	37.184	S	2
E	41	758.931	25.516	22.846	23.014	22.678	E	1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.93
- ▶ F104903.dat
- ▶ query=q2837_p1
- ▶ precursor=759.099490
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4549.531	4533.517	0.000	4533.509	S[41]
G	2	204.068	4420.488	4404.470	0.000	4403.462	G[40]
R	3	360.199	4301.467	4287.448	4248.456	4346.441	R[39]
G	4	417.220	4207.368	4191.347	4152.355	4190.339	G[38]
K	5	587.326	4150.345	4134.326	4135.334	4133.318	K[37]
Q	6	713.345	3999.230	3984.220	3955.228	3993.211	Q[36]
G	7	772.406	3852.180	3836.170	3837.170	3835.154	G[35]
G	8	829.427	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	957.522	3738.138	3722.119	3723.127	3721.111	K[33]
A	10	1028.560	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1184.661	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1255.698	3382.904	3368.886	3367.893	3366.877	A[30]
R	13	1383.793	3311.867	3295.848	3296.856	3294.841	R[29]
A	14	1454.830	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1582.925	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1683.973	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1840.074	2883.582	2867.574	2868.582	2866.566	R[25]
S	18	1927.108	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	2014.138	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2170.239	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2241.276	2397.328	2381.309	2382.315	2380.300	A[21]
G	22	2298.297	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2413.381	2209.268	2193.249	2194.257	2192.241	L[19]
Q	24	2539.449	2156.184	2140.165	2141.173	2139.157	Q[18]
F	25	2686.508	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2783.561	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2822.630	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2939.651	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3026.732	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3104.821	1471.811	1455.794	1456.802	1454.786	V[12]
H	31	3331.880	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3487.981	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3601.065	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3714.149	966.500	950.482	951.489	949.474	L[8]
I	35	3870.250	853.418	837.399	838.406	836.390	I[7]
K	36	3998.345	697.315	681.296	682.304	680.289	K[6]
G	37	4055.366	569.220	553.201	554.209	552.194	G[5]
N	38	4169.409	512.109	496.100	497.108	495.172	N[4]
V	39	4312.473	398.150	382.131	383.145	381.129	V[3]
S	40	4419.505	235.062	219.074	220.082	218.066	S[2]
E	41	4548.547	148.000	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.93
- ▶ F104903.dat
- ▶ query=q2837_p1
- ▶ precursor=759.099490
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	w	#±1	#±2	z	AA	
S	1	74.062	2278.206	2267.260	8.804	2266.187	S[41]
G	2	102.553	2210.748	2203.730	0.504	2202.231	G[40]
R	3	180.603	2182.297	2174.238	2174.732	2173.724	R[39]
G	4	209.114	2104.187	2096.177	2096.681	2095.673	G[38]
K	5	294.187	2075.876	2067.887	2068.170	2067.163	K[37]
G	6	358.196	1990.623	1982.614	1983.118	1982.110	G[36]
G	7	388.707	1926.594	1918.584		1919.088	G[35]
G	8	435.217	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	479.265	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	534.783	1805.525	1797.516	1798.019	1797.011	A[32]
R	11	602.824	1770.008	1762.000	1762.503	1761.495	R[31]
A	12	628.353	1692.995	1683.946	1684.450	1683.442	A[30]
R	13	692.400	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	727.919	1592.900	1584.380	1584.884	1583.876	A[28]
K	15	791.966	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	842.490	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	920.540	1442.800	1434.791	1434.794	1433.787	R[25]
S	18	964.056	1384.249	1356.240	1356.744	1355.736	S[24]
S	19	1007.572	1326.733	1312.724	1313.228	1312.220	S[23]
R	20	1085.623	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1121.142	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1149.652	1103.648	1105.639	1106.643	1105.135	G[20]
L	23	1209.094	1054.131	1027.123	1127.632	1129.624	L[19]
Q	24	1270.224	1004.614	1070.586	1071.090	1070.082	Q[18]
F	25	1343.758	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1392.284	941.053	933.043	933.526	932.519	F[16]
V	27	1441.818	892.506	884.496	885.000	883.992	V[15]
G	28	1470.329	842.971	834.962	835.466	834.458	G[14]
R	29	1545.854	814.463	805.451	806.955	805.947	R[13]
V	30	1597.914	736.410	728.401	728.905	727.897	V[12]
H	31	1666.443	688.876	678.866	679.370	678.363	H[11]
R	32	1744.494	618.346	610.337	610.841	609.833	R[10]
L	33	1803.036	540.206	532.200	532.700	531.703	L[9]
L	34	1897.878	489.794	479.783	479.286	478.281	L[8]
R	35	1935.829	427.212	419.202	419.706	418.698	R[7]
K	36	1999.876	349.161	341.152	341.656	340.648	K[6]
G	37	2028.187	285.114	277.104	277.608	276.600	G[5]
N	38	2085.208	256.603	248.594	249.098	248.090	N[4]
V	39	2166.740	199.582	191.572	192.076	191.068	V[3]
S	40	2219.266	118.056	110.046	110.549	109.541	S[2]
E	41	2274.777	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.93
- ▶ F104903.dat
- ▶ query=q2837_p1
- ▶ precursor=759.099490
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1511.184	1511.842	0.872	1311.567	S[41]
G	2	86.704	1474.188	1466.828	0.872	1468.402	G[40]
R	3	1307.788	1455.161	1449.821	1450.157	1440.485	R[39]
G	4	139.745	1460.127	1397.787	1398.123	1397.451	G[38]
K	5	196.447	1384.120	1378.780	1379.116	1378.444	K[37]
G	6	239.133	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	288.140	1374.735	1279.392	1278.728	1279.056	G[35]
G	8	277.147	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	319.846	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	383.525	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	395.558	1180.310	1175.000	1175.336	1174.664	R[31]
A	12	439.239	1128.306	1122.967	1123.303	1122.631	A[30]
K	13	481.938	1104.627	1099.288	1099.624	1098.952	K[29]
A	14	485.615	1081.929	1056.589	1056.925	1056.253	A[28]
K	15	528.313	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	581.996	995.552	990.212	990.548	989.876	T[26]
R	17	634.629	961.869	956.529	956.865	956.193	R[25]
S	18	683.090	959.835	954.495	954.831	954.160	S[24]
S	19	692.051	880.825	875.485	875.821	875.149	S[23]
R	20	734.084	851.814	846.474	846.810	846.138	R[22]
A	21	787.763	799.780	794.441	794.777	794.105	A[21]
G	22	866.771	776.101	770.762	771.098	770.426	G[20]
L	23	804.465	759.094	753.754	754.090	753.419	L[19]
Q	24	847.152	733.369	724.000	724.336	723.664	Q[18]
F	25	896.174	676.713	671.374	671.710	671.038	F[17]
P	26	928.525	627.690	622.351	622.687	622.015	P[16]
V	27	961.548	595.139	590.000	590.336	589.664	V[15]
C	28	980.555	562.317	556.977	557.313	556.641	C[14]
R	29	1032.589	443.309	437.970	438.306	437.634	R[13]
V	30	1065.612	401.275	405.936	406.272	405.600	V[12]
H	31	1111.298	458.253	452.913	453.249	452.577	H[11]
R	32	1183.332	412.967	407.227	407.563	406.891	R[10]
L	33	1261.029	360.533	355.193	355.529	354.857	L[9]
L	34	1288.721	322.376	317.036	317.372	316.700	L[8]
R	35	1295.823	285.144	279.804	280.140	279.468	R[7]
K	36	1333.453	233.110	227.770	228.106	227.434	K[6]
G	37	1354.460	190.412	185.072	185.408	184.736	G[5]
N	38	1390.475	171.404	166.065	166.401	165.729	N[4]
V	39	1444.629	133.390	128.051	128.386	127.714	V[3]
S	40	1471.680	99.136	93.796	94.132	93.460	S[2]
E	41	1516.854	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=62.93
- ▶ F104903.dat
- ▶ query=q2837_p1
- ▶ precursor=759.099490
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	#	AA	
S	1	37.505	1138.138	1134.134	0.705	1133.882	S[41]
G	2	51.780	1105.878	1101.873	0.795	1101.021	G[40]
R	3	90.805	1091.623	1087.618	1087.870	1087.360	R[39]
G	4	109.001	1052.597	1048.592	1048.844	1048.340	G[38]
K	5	147.587	1038.342	1034.337	1034.589	1034.085	K[37]
G	6	179.604	999.315	995.311	992.862	991.959	G[36]
G	7	193.857	963.801	959.796	960.048	959.544	G[35]
G	8	208.112	949.545	945.541	945.792	945.289	G[34]
K	9	240.136	935.290	931.285	931.537	931.033	K[33]
A	10	257.895	903.266	899.261	899.513	899.009	A[32]
R	11	296.921	895.507	891.502	881.754	881.250	R[31]
A	12	314.680	868.282	842.477	842.729	842.225	A[30]
K	13	346.704	838.722	834.718	834.970	834.466	K[29]
A	14	384.443	796.699	792.694	792.946	792.442	A[28]
K	15	396.497	778.939	774.935	775.187	774.683	K[27]
T	16	421.749	746.915	742.911	743.163	742.659	T[26]
R	17	469.774	721.894	717.889	717.901	717.901	R[25]
S	18	482.532	692.626	688.621	688.873	688.370	S[24]
S	19	504.290	660.870	656.866	657.118	656.614	S[23]
R	20	543.315	638.112	634.108	635.360	634.856	R[22]
A	21	581.074	600.087	596.082	596.334	595.830	A[21]
G	22	575.330	582.328	578.323	578.575	578.071	G[20]
L	23	603.683	658.072	654.068	654.320	653.816	L[19]
Q	24	635.615	639.803	635.797	636.049	635.545	Q[18]
F	25	672.383	597.787	593.782	594.034	593.530	F[17]
F	26	698.646	471.020	467.015	467.267	466.763	F[16]
V	27	721.413	446.756	442.752	443.004	442.500	V[15]
G	28	735.669	421.989	417.985	418.237	417.733	G[14]
R	29	774.694	409.734	405.729	405.981	405.477	R[13]
V	30	799.461	368.709	364.704	364.956	364.452	V[12]
H	31	833.725	343.942	339.937	340.189	339.685	H[11]
R	32	872.751	309.677	305.672	305.924	305.420	R[10]
L	33	901.022	270.652	266.647	266.899	266.395	L[9]
L	34	929.284	242.381	238.376	238.628	238.124	L[8]
R	35	958.318	214.110	210.105	210.357	209.853	R[7]
K	36	1000.342	175.084	171.079	171.331	170.827	K[6]
G	37	1014.597	143.061	139.056	139.308	138.804	G[5]
N	38	1043.108	128.805	124.800	125.052	124.548	N[4]
Y	39	1083.874	100.294	96.289	96.541	96.037	Y[3]
S	40	1105.632	99.529	95.524	95.776	95.272	S[2]
E	41	1137.892	97.771	93.766	94.018	93.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=62.93
- ▶ F104903.dat
- ▶ query=q2837.p1
- ▶ precursor=759.099490
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
S	1	30.221	910.712	907.508	0.806	907.307	S	41
G	2	41.625	884.904	881.700	0.806	881.498	G	40
R	3	72.845	873.490	870.295	870.497	870.094	R	39
G	4	84.250	842.279	839.075	839.277	838.874	G	38
K	5	118.271	830.875	827.671	827.873	827.469	K	37
G	6	143.883	796.854	793.650	793.851	793.448	G	36
G	7	155.387	771.247	768.043	768.244	767.837	G	35
G	8	166.691	759.830	756.634	756.835	756.432	G	34
K	9	192.110	748.433	745.230	745.431	745.028	K	33
A	10	206.518	722.814	719.611	719.812	719.409	A	32
R	11	237.738	708.607	705.403	705.605	705.202	R	31
A	12	251.945	677.387	674.183	674.385	673.981	A	30
K	13	277.564	663.179	659.976	660.177	659.774	K	29
A	14	291.772	637.560	634.357	634.558	634.155	A	28
K	15	317.391	623.353	620.149	620.351	619.948	K	27
T	16	337.600	597.734	594.530	594.732	594.329	T	26
R	17	368.821	577.524	574.321	574.522	574.119	R	25
S	18	389.227	546.304	543.100	543.302	542.899	S	24
S	19	403.633	529.898	526.694	526.896	526.492	S	23
R	20	434.854	511.401	508.208	508.409	508.008	R	22
A	21	449.061	480.271	477.067	477.269	476.866	A	21
G	22	460.465	466.064	462.860	463.061	462.658	G	20
L	23	483.082	454.659	451.456	451.657	451.254	L	19
Q	24	508.694	432.043	428.839	429.040	428.637	Q	18
F	25	538.108	406.431	403.227	403.429	403.026	F	17
P	26	557.518	377.017	373.813	374.015	373.612	P	16
V	27	577.332	357.607	354.403	354.604	354.201	V	15
G	28	588.736	337.793	334.589	334.791	334.388	G	14
R	29	619.956	326.389	323.185	323.386	322.983	R	13
V	30	639.770	295.168	291.965	292.166	291.763	V	12
H	31	667.182	275.350	272.147	272.349	271.946	H	11
R	32	698.402	247.943	244.739	244.941	244.538	R	10
L	33	721.019	216.723	213.519	213.721	213.317	L	9
L	34	743.636	194.108	190.902	191.104	190.701	L	8
R	35	774.856	171.489	168.285	168.487	168.084	R	7
K	36	800.475	140.269	137.065	137.267	136.864	K	6
G	37	811.879	114.650	111.446	111.648	111.245	G	5
N	38	834.688	103.246	100.042	100.243	99.840	N	4
Y	39	867.300	80.437	77.233	77.435	77.032	Y	3
S	40	884.707	47.824	44.621	44.822	44.419	S	2
E	41	910.515	30.418	27.214	27.416	27.013	E	1

sp | Q6GSS7 | H2A2A_MOUSE

S^{Phospho} 79.97 GRGKQGGK^{Acetyl} 42.01 ARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.84
- ▶ F104903.dat
- ▶ query=q2841_p1
- ▶ precursor=912.305630
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	185.932	4331.478	4341.458	0.000	4340.458	S[1]
G	2	242.054	4390.475	4374.450	0.000	4373.451	G[2]
R	3	308.135	4333.467	4317.438	4318.446	4318.430	R[3]
G	4	458.170	4177.355	4161.337	4162.345	4160.329	G[4]
K	5	583.271	4120.334	4104.315	4105.323	4103.307	K[5]
G	6	741.330	3992.230	3976.220	3977.228	3975.212	G[6]
G	7	788.353	3954.180	3940.182	3939.170	3941.154	G[7]
G	8	825.373	3907.158	3791.140	3792.148	3790.132	G[8]
K	9	896.478	3760.138	3754.119	3735.127	3733.111	K[9]
A	10	1098.515	3380.012	3364.013	3365.021	3363.005	A[10]
R	11	1222.616	3538.095	3482.076	3483.084	3491.066	R[11]
A	12	1293.654	3382.984	3338.975	3337.983	3335.967	A[12]
R	13	1421.749	3381.857	3265.838	3266.846	3264.830	R[13]
A	14	1482.788	3153.762	3137.743	3138.751	3136.735	A[14]
K	15	1620.881	3082.725	3066.706	3067.714	3065.698	K[15]
S	16	1707.911	2954.630	2938.611	2939.619	2937.603	S[16]
R	17	1884.014	2887.598	2861.579	2862.587	2860.571	R[17]
S	18	1951.066	2711.496	2695.475	2696.483	2694.467	S[18]
S	19	2038.078	2624.464	2608.446	2609.454	2607.438	S[19]
R	20	2194.179	2537.432	2521.414	2522.422	2520.406	R[20]
A	21	2285.216	2381.311	2365.313	2366.320	2364.305	A[21]
G	22	2322.237	2310.294	2294.275	2295.283	2293.267	G[22]
L	23	2485.323	2253.271	2237.254	2238.262	2236.246	L[23]
Q	24	2583.388	2140.188	2124.170	2125.178	2123.162	Q[24]
F	25	2710.449	2012.138	1996.111	1997.119	1995.104	F[25]
F	26	2807.501	1895.062	1849.043	1850.051	1848.035	F[26]
V	27	2906.570	1748.009	1751.990	1752.998	1750.982	V[27]
G	28	2983.591	1668.940	1682.922	1683.930	1681.914	G[28]
R	29	3118.692	1518.919	1502.902	1596.908	1504.886	R[29]
V	30	3218.761	1455.815	1439.799	1440.807	1438.791	V[30]
H	31	3355.820	1358.749	1340.731	1341.739	1339.723	H[31]
R	32	3511.921	1219.691	1203.672	1204.680	1202.664	R[32]
L	33	3625.005	1083.589	1047.571	1048.579	1046.563	L[33]
L	34	3728.089	958.505	924.487	915.495	933.470	L[34]
R	35	3894.190	837.422	821.403	822.410	820.395	R[35]
K	36	4022.285	681.320	665.302	666.309	664.294	K[36]
G	37	4079.306	583.225	537.207	538.214	536.199	G[37]
N	38	4193.349	496.204	480.185	481.193	479.177	N[38]
V	39	4358.413	382.161	366.142	367.150	365.134	V[39]
A	40	4427.456	219.098	203.079	204.087	202.071	A[40]
E	41	4556.492	148.060	132.042	133.050	131.034	E[41]

sp | Q6GSS7 | H2A2A_MOUSE

S^{Phospho} 79.97 GRGKQGGK^{Acetyl} 42.01 ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.84
- ▶ F104903.dat
- ▶ query=q2841_p1
- ▶ precursor=912.305630
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	813.00	2278.242	2271.820	8.804	2270.721	S[41]
G	2	121.530	2195.743	2187.733	0.504	2187.220	G[40]
R	3	199.581	2167.232	2159.233	2159.726	2158.710	R[39]
G	4	228.092	2089.181	2081.172	2081.876	2080.668	G[38]
K	5	292.139	2050.871	2052.681	2053.105	2052.157	K[37]
G	6	356.169	1996.623	1998.432	1999.138	1998.110	G[36]
G	7	394.678	1975.594	1924.584	1975.988	1924.081	G[35]
G	8	433.190	1904.083	1896.074	1896.578	1895.570	G[34]
K	9	498.243	1875.572	1867.563	1868.067	1867.059	K[33]
A	10	533.761	1790.520	1782.510	1783.014	1782.500	A[32]
R	11	611.812	1735.001	1746.992	1747.998	1746.488	R[31]
A	12	687.330	1678.981	1668.941	1669.945	1669.439	A[30]
K	13	711.378	1643.433	1633.423	1633.927	1632.910	K[29]
A	14	746.896	1577.984	1569.375	1569.879	1568.871	A[28]
K	15	810.944	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	854.460	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	922.511	1434.362	1426.293	1426.797	1425.789	R[25]
S	18	976.027	1366.263	1360.263	1360.768	1359.760	S[24]
S	19	1019.543	1312.738	1304.726	1305.230	1304.223	S[23]
R	20	1097.593	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1133.112	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1161.622	1135.051	1147.041	1148.546	1147.541	G[20]
L	23	1218.384	1127.140	1119.131	1119.635	1118.627	L[19]
G	24	1282.194	1073.588	1065.589	1065.993	1064.985	G[18]
F	25	1355.728	1008.599	998.559	999.063	998.055	F[17]
F	26	1404.254	933.034	925.025	925.529	924.521	F[16]
V	27	1453.788	884.508	876.499	877.003	875.995	V[15]
G	28	1482.299	834.974	826.965	827.468	826.461	G[14]
R	29	1556.819	808.483	798.454	798.958	797.950	R[13]
V	30	1609.884	728.413	720.403	720.907	719.899	V[12]
H	31	1678.413	678.878	670.869	671.373	670.365	H[11]
R	32	1756.464	610.349	602.340	602.843	601.836	R[10]
L	33	1813.006	532.209	524.200	524.703	523.705	L[9]
L	34	1869.548	478.756	469.747	469.251	468.243	L[8]
R	35	1987.071	419.214	411.205	411.709	410.701	R[7]
K	36	2011.646	341.164	333.154	333.658	332.650	K[6]
G	37	2040.157	277.116	269.107	269.611	268.603	G[5]
M	38	2097.178	248.606	240.596	241.100	240.092	M[4]
V	39	2178.710	181.564	183.575	184.079	183.071	V[3]
A	40	2214.229	110.026	102.043	102.547	101.539	A[2]
E	41	2278.750	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

S^{Phospho} 79.97 GRGKQGGK^{Acetyl} 42.01 ARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.84
- ▶ F104903.dat
- ▶ query=q2841_p1
- ▶ precursor=912.305630
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	#+1	#+2	z	AA	
S	1	62.390	1519.830	1514.401	0.872	1514.155	S[41]
G	2	81.356	1484.154	1458.825	0.872	1458.489	G[40]
R	3	133.390	1445.157	1439.817	1440.153	1439.482	R[39]
G	4	152.397	1393.123	1387.784	1388.120	1387.448	G[38]
K	5	195.095	1374.116	1368.777	1369.113	1368.441	K[37]
G	6	227.764	1331.418	1326.078	1326.414	1325.742	G[36]
G	7	286.789	1308.152	1293.302	1293.738	1283.056	G[35]
G	8	276.796	1269.725	1264.385	1264.721	1264.049	G[34]
K	9	332.498	1250.717	1245.378	1245.714	1245.042	K[33]
A	10	356.177	1194.016	1188.076	1189.012	1188.340	A[32]
R	11	408.210	1170.338	1164.997	1165.333	1164.661	R[31]
A	12	431.889	1138.303	1132.363	1132.699	1132.027	A[30]
K	13	474.588	1094.624	1089.284	1089.620	1089.942	K[29]
A	14	498.267	1051.925	1046.580	1046.922	1046.250	A[28]
K	15	540.965	1028.246	1022.307	1023.243	1022.571	K[27]
S	16	569.976	985.548	980.208	980.544	979.873	S[26]
R	17	622.069	956.537	951.198	951.534	950.862	R[25]
S	18	651.020	904.504	900.164	900.500	899.829	S[24]
S	19	680.031	875.493	870.153	870.489	869.817	S[23]
R	20	732.064	846.482	841.143	841.479	840.807	R[22]
A	21	755.744	794.449	789.109	789.445	788.773	A[21]
G	22	774.751	770.770	765.430	765.766	765.094	G[20]
L	23	812.448	754.762	749.423	749.759	749.087	L[19]
Q	24	835.132	714.085	708.745	709.081	708.409	Q[18]
F	25	904.154	671.382	666.042	666.378	665.706	F[17]
F	26	938.505	622.359	617.019	617.355	616.683	F[16]
V	27	969.528	590.006	584.666	585.004	584.332	V[15]
G	28	988.535	556.985	551.645	551.981	551.309	G[14]
R	29	1065.569	439.978	434.638	434.974	434.302	R[13]
V	30	1073.592	485.944	480.604	480.941	480.269	V[12]
H	31	1119.378	452.921	447.582	447.918	447.246	H[11]
R	32	1171.312	407.235	401.895	402.231	401.560	R[10]
L	33	1209.006	355.201	349.862	350.198	349.526	L[9]
L	34	1246.761	312.509	307.169	307.505	306.833	L[8]
R	35	1255.812	273.812	274.472	274.808	274.136	R[7]
K	36	1341.433	227.778	222.439	222.775	222.103	K[6]
G	37	1360.440	185.080	179.740	180.076	179.404	G[5]
N	38	1398.455	166.073	160.733	161.069	160.397	N[4]
V	39	1452.869	128.098	122.758	123.094	122.422	V[3]
A	40	1474.408	83.348	82.384	82.720	82.048	A[2]
E	41	1519.502	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

S^{Phospho} 79.97 GRGKQGGK^{Acetyl} 42.01 ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=59.84
- ▶ F104903.dat
- ▶ query=q2841_p1
- ▶ precursor=912.305630
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	47.014	1140.125	1136.120	0.755	1135.860	S 41
G 2	61.269	1090.375	1094.370	0.755	1094.118	G 40
R 3	100.294	1084.120	1080.115	1080.307	1079.851	R 39
G 4	114.550	1045.094	1041.090	1041.342	1040.839	G 38
K 5	146.573	1030.039	1026.834	1027.086	1026.582	K 37
Q 6	178.308	990.815	994.811	995.062	994.555	Q 36
G 7	192.543	966.852	962.796	963.048	962.544	G 35
G 8	207.089	962.545	948.541	948.792	948.289	G 34
K 9	249.625	938.200	934.205	934.537	934.031	K 33
A 10	267.384	895.763	891.759	892.011	891.507	A 32
R 11	306.410	878.004	873.999	874.251	873.746	R 31
A 12	334.399	838.974	834.974	835.226	834.722	A 30
R 13	356.193	821.220	817.215	817.467	816.961	R 29
A 14	373.952	789.196	785.191	785.443	784.939	A 28
K 15	409.976	771.437	767.432	767.684	767.180	K 27
S 16	427.734	739.413	735.408	735.660	735.156	S 26
R 17	466.759	747.665	743.650	743.902	743.398	R 25
S 18	488.517	678.939	674.935	674.977	674.371	S 24
S 19	510.275	656.872	652.867	653.119	652.615	S 23
R 20	549.300	635.114	631.109	631.361	630.857	R 22
A 21	567.059	596.088	592.084	592.336	591.832	A 21
G 22	581.315	578.329	574.324	574.576	574.072	G 20
L 23	609.586	564.074	560.069	560.321	559.817	L 19
Q 24	641.609	535.801	531.796	532.050	531.546	Q 19
F 25	678.368	503.768	499.763	500.035	499.531	F 17
P 26	702.631	467.021	463.016	463.268	462.764	P 16
V 27	727.398	442.758	438.753	439.005	438.501	V 15
G 28	741.651	417.991	413.986	414.238	413.734	G 14
R 29	780.676	401.735	397.731	398.002	397.479	R 13
V 30	805.448	384.710	380.705	380.957	380.453	V 12
H 31	839.710	339.943	335.938	336.190	335.686	H 11
R 32	878.736	305.678	301.673	301.925	301.421	R 10
L 33	907.007	266.653	262.648	262.900	262.396	L 9
L 34	935.278	238.387	234.377	234.629	234.125	L 8
R 35	974.363	210.111	206.106	206.358	205.854	R 7
K 36	1036.327	171.085	167.081	167.333	166.829	K 6
G 37	1020.582	139.062	135.057	135.309	134.805	G 5
N 38	1049.093	124.808	120.802	121.054	120.550	N 4
V 39	1089.859	96.290	92.291	92.543	92.039	V 3
A 40	1107.618	55.530	51.525	51.777	51.273	A 2
E 41	1139.879	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKQGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.15
- ▶ F104903.dat
- ▶ query=q2842_p1
- ▶ precursor=760.423910
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#±1	#±2	z	AA	
S	1	221.063	4351.476	4941.455	4.800	4540.456	S[1]
G	2	284.064	4348.467	4332.449	0.000	4331.441	G[2]
R	3	440.165	4291.464	4275.427	4276.435	4274.410	R[3]
G	4	497.167	4135.345	4119.320	4120.334	4118.310	G[4]
K	5	625.262	4078.323	4062.305	4063.313	4061.297	K[5]
G	6	753.340	3950.228	3934.210	3935.218	3933.202	G[6]
G	7	810.352	3932.170	3899.151	3907.159	3895.141	G[7]
G	8	867.353	3765.148	3749.130	3750.138	3748.122	G[8]
K	9	895.478	3708.127	3692.108	3693.116	3691.100	K[9]
A	10	1098.515	3380.012	3364.013	3365.021	3363.005	A[10]
R	11	1227.614	3538.995	3492.976	3493.984	3491.968	R[11]
A	12	1291.654	3382.994	3336.975	3337.983	3335.967	A[12]
K	13	1421.749	3281.857	3265.838	3266.846	3264.830	K[13]
A	14	1462.766	3153.762	3137.743	3138.751	3136.735	A[14]
K	15	1620.861	3082.725	3066.706	3067.714	3065.698	K[15]
S	16	1707.911	2954.630	2938.611	2939.619	2937.603	S[16]
R	17	1864.014	2897.598	2881.579	2882.587	2880.571	R[17]
S	18	1951.066	2711.496	2695.477	2696.486	2694.470	S[18]
S	19	2038.078	2634.464	2608.446	2609.454	2607.438	S[19]
R	20	2194.179	2537.432	2521.414	2522.422	2520.406	R[20]
A	21	2285.216	2381.311	2365.293	2366.300	2364.284	A[21]
G	22	2322.237	2310.294	2294.275	2295.283	2293.267	G[22]
L	23	2485.322	2253.271	2237.252	2238.260	2236.244	L[23]
Q	24	2563.360	2140.185	2124.170	2125.178	2123.162	Q[24]
F	25	2710.449	2012.130	1996.111	1997.119	1995.104	F[25]
F	26	2807.501	1895.062	1849.043	1850.051	1848.035	F[26]
V	27	2906.570	1768.009	1751.990	1752.998	1750.982	V[27]
G	28	2963.591	1688.942	1682.922	1683.930	1681.914	G[28]
R	29	3118.692	1611.919	1595.900	1596.908	1594.884	R[29]
V	30	3218.761	1455.815	1439.799	1440.807	1438.791	V[30]
H	31	3355.820	1358.749	1340.731	1341.739	1339.723	H[31]
R	32	3511.921	1219.691	1203.672	1204.680	1202.664	R[32]
L	33	3625.005	1063.589	1047.571	1048.579	1046.563	L[33]
L	34	3738.089	950.505	934.487	935.495	933.479	L[34]
R	35	3894.190	837.422	821.403			R[35]
K	36	4022.285	681.320	665.302	666.309	664.294	K[36]
G	37	4079.306	553.225	537.207	538.214	536.199	G[37]
N	38	4193.349	496.204	480.185	481.193	479.177	N[38]
V	39	4358.413	382.161	366.142	367.150	365.134	V[39]
A	40	4427.456	219.096	203.079	204.086	202.070	A[40]
E	41	4556.492	148.060	132.042	133.050	131.034	E[41]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKQG GKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.15
- ▶ F104903.dat
- ▶ query=q2842_p1
- ▶ precursor=760.423910
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	s+1	s+2	z	AA	
S	1	114.005	2278.242	2271.232	0.804	2270.121	S[41]
G	2	142.516	2174.737	2166.726	0.804	2166.254	G[40]
R	3	220.586	2146.227	2138.217	2138.921	2137.711	R[39]
G	4	249.097	2088.176	2080.167	2080.671	2059.663	G[38]
K	5	313.145	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	377.174	1975.616	1967.606	1968.112	1967.105	G[36]
G	7	405.685	1911.569	1903.579	1904.083	1903.073	G[35]
G	8	434.195	1883.078	1875.088	1875.592	1874.585	G[34]
K	9	498.243	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	533.761	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	617.817	1735.001	1726.992	1727.496	1726.488	R[31]
A	12	647.330	1678.954	1669.943	1669.446	1668.439	A[30]
K	13	711.378	1643.432	1633.423	1633.927	1632.919	K[29]
A	14	766.896	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	810.944	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	854.460	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	932.511	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	976.027	1356.252	1348.243	1348.746	1347.739	S[24]
S	19	1019.543	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1097.593	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1133.112	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1167.627	1135.051	1127.041	1148.145	1147.137	G[20]
G	23	1213.144	1127.140	1119.131	1119.635	1118.627	G[19]
Q	24	1282.194	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1355.728	1008.590	998.559	999.063	998.055	F[17]
F	26	1404.254	933.034	925.025	925.529	924.521	F[16]
V	27	1453.788	884.508	876.499	877.003	876.995	V[15]
G	28	1482.299	834.974	826.965	827.468	826.461	G[14]
R	29	1569.353	806.483	798.454	798.958	797.950	R[13]
V	30	1609.884	728.413	720.403	720.907	719.899	V[12]
H	31	1678.413	678.878	670.869	671.373	670.365	H[11]
R	32	1736.464	610.349	602.340	602.843	601.836	R[10]
L	33	1813.006	532.289	524.280	524.783	523.785	L[9]
L	34	1889.548	478.756	469.747	469.251	468.243	L[8]
R	35	1947.599	419.214	411.205	411.709	410.701	R[7]
K	36	2011.646	341.164	333.154	333.658	332.650	K[6]
G	37	2046.157	277.116	269.107	269.611	268.603	G[5]
M	38	2097.178	248.606	240.596	241.100	240.092	M[4]
V	39	2178.710	181.564	183.575	184.079	183.071	V[3]
A	40	2214.229	110.026	109.530	109.234	108.530	A[2]
E	41	2278.750	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKQG GKARAKAKSRSSRAGLQFPVGRVH RLLRKGNYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.15
- ▶ F104903.dat
- ▶ query=q2842_p1
- ▶ precursor=760.423910
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	76.352	1519.830	1514.461	0.672	1514.155	S 41
G 2	95.360	1450.161	1444.821	0.672	1444.485	G 40
R 3	147.393	1431.154	1425.814	1426.150	1425.478	R 39
G 4	106.400	1379.120	1373.780	1374.116	1373.444	G 38
K 5	209.069	1360.113	1354.773	1355.109	1354.437	K 37
Q 6	261.705	1317.814	1312.075	1312.411	1311.739	Q 36
G 7	320.792	1274.726	1269.389	1269.725	1269.055	G 35
G 8	289.799	1255.721	1250.381	1250.717	1250.045	G 34
K 9	332.496	1236.714	1231.374	1231.710	1231.038	K 33
A 10	356.177	1194.016	1189.676	1189.012	1188.340	A 32
R 11	408.210	1170.336	1164.997	1165.333	1164.661	R 31
A 12	431.889	1138.303	1133.963	1133.300	1132.627	A 30
R 13	474.588	1094.024	1089.284	1089.620	1088.948	R 29
A 14	498.267	1051.925	1046.586	1046.922	1046.250	A 28
K 15	540.965	1028.246	1022.907	1023.243	1022.571	K 27
S 16	509.976	985.548	980.208	980.544	979.873	S 26
R 17	622.069	936.537	951.198	951.534	950.862	R 25
S 18	651.029	904.504	899.164	899.500	898.828	S 24
S 19	680.031	875.493	870.153	870.489	869.817	S 23
R 20	732.064	846.483	841.143	841.479	840.807	R 22
A 21	755.744	794.449	789.109	789.445	788.773	A 21
G 22	774.751	770.770	765.430	765.766	765.094	G 20
L 23	812.445	731.762	746.423	746.759	746.087	L 19
Q 24	855.132	714.068	708.728	709.064	708.392	Q 19
F 25	904.154	671.382	666.042	666.378	665.706	F 17
F 26	936.505	622.359	617.019	617.355	616.683	F 16
V 27	969.528	590.028	584.688	585.024	584.352	V 15
G 28	988.535	556.985	551.645	551.981	551.309	G 14
R 29	1027.599	517.878	512.538	512.874	512.202	R 13
V 30	1073.592	488.944	483.604	483.941	483.269	V 12
H 31	1119.278	452.921	447.581	447.918	447.246	H 11
R 32	1171.312	407.735	402.395	402.731	402.059	R 10
L 33	1209.066	355.201	349.862	350.198	349.526	L 9
L 34	1246.791	317.507	312.167	312.503	311.831	L 8
R 35	1298.735	279.812	274.472	274.808	274.136	R 7
R 36	1341.433	232.778	227.438	227.775	227.103	R 6
G 37	1360.440	185.080	179.740	180.076	179.404	G 5
N 38	1398.455	166.073	160.733	161.069	160.397	N 4
V 39	1452.809	128.058	122.719	123.055	122.383	V 3
A 40	1476.488	71.704	66.364	66.700	66.028	A 2
E 41	1519.302	30.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKQGKKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=53.15
- ▶ F104903.dat
- ▶ query=q2842_p1
- ▶ precursor=760.423910
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	57.516	1140.125	1136.120	0.755	1135.868	S 41
G 2	71.772	1087.872	1083.868	0.755	1083.616	G 40
R 3	110.797	1073.617	1069.612	1069.804	1069.350	R 39
G 4	125.052	1034.592	1030.587	1030.839	1030.135	G 38
K 5	157.076	1020.336	1016.331	1016.584	1016.080	K 37
Q 6	189.093	988.313	984.308	984.560	984.056	Q 36
G 7	203.348	956.256	952.251	952.503	952.041	G 35
G 8	217.601	942.043	938.038	938.290	937.786	G 34
K 9	249.625	927.787	923.783	924.034	923.531	K 33
A 10	267.384	895.763	891.759	892.011	891.507	A 32
R 11	306.430	878.004	874.000	874.251	873.748	R 31
A 12	334.399	838.978	834.974	835.226	834.722	A 30
R 13	356.193	821.220	817.215	817.467	816.963	R 29
A 14	373.952	789.196	785.191	785.443	784.939	A 28
K 15	409.976	771.437	767.432	767.684	767.180	K 27
S 16	427.734	739.413	735.408	735.660	735.156	S 26
R 17	466.759	747.655	743.650	743.902	743.398	R 25
S 18	488.517	678.930	674.925	675.177	674.673	S 24
S 19	510.275	656.872	652.867	653.119	652.615	S 23
R 20	549.300	635.114	631.109	631.361	630.857	R 22
A 21	567.059	596.088	592.084	592.336	591.832	A 21
G 22	581.315	578.320	574.314	574.576	574.072	G 20
L 23	600.588	564.074	560.069	560.321	559.817	L 19
Q 24	641.609	535.803	531.798	532.050	531.546	Q 19
F 25	678.368	503.768	499.763	500.015	499.511	F 17
P 26	702.631	467.021	463.016	463.268	462.764	P 16
V 27	727.398	442.758	438.753	439.005	438.501	V 15
G 28	741.653	417.991	413.986	414.238	413.734	G 14
R 29	780.678	403.735	399.730	399.982	399.478	R 13
L 30	805.448	364.710	360.705	360.957	360.453	L 12
H 31	839.710	339.943	335.938	336.190	335.686	H 11
R 32	878.736	305.678	301.673	301.925	301.421	R 10
L 33	907.007	266.653	262.648	262.900	262.396	L 9
L 34	935.278	238.387	234.377	234.629	234.125	L 8
R 35	974.303	210.111	206.106	206.358	205.854	R 7
K 36	1036.327	171.085	167.081	167.333	166.829	K 6
G 37	1020.582	139.062	135.057	135.309	134.805	G 5
N 38	1049.093	124.808	120.802	121.054	120.550	N 4
V 39	1089.859	96.290	92.291	92.543	92.039	V 3
A 40	1107.618	55.530	51.525	51.777	51.273	A 2
E 41	1139.879	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKQGKKARAKAKSRSSRAGLQFPVGRVHLLLKRGNYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=53.15
- ▶ F104903.dat
- ▶ query=q2842_p1
- ▶ precursor=760.423910
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA		
S	1	46.214	912.301	909.097	0.806	908.896	S	41
G	2	57.619	870.499	867.296	0.806	867.094	G	40
R	3	68.839	859.095	855.891	856.093	855.690	R	39
G	4	100.243	827.875	824.671	824.873	824.469	G	38
K	5	125.862	816.471	813.267	813.468	813.065	K	37
Q	6	151.474	790.952	787.648	787.949	787.446	Q	36
G	7	162.676	765.240	762.036	762.238	761.834	G	35
G	8	174.282	753.836	750.632	750.833	750.430	G	34
K	9	189.901	742.431	739.227	739.429	739.026	K	33
A	10	214.109	716.812	713.608	713.810	713.407	A	32
R	11	245.329	702.605	699.401	699.603	699.199	R	31
A	12	259.537	671.385	668.181	668.382	667.979	A	30
K	13	285.156	657.177	653.973	654.175	653.772	K	29
A	14	299.363	631.558	628.354	628.556	628.153	A	28
K	15	324.982	617.351	614.147	614.349	613.945	K	27
S	16	342.388	591.732	588.528	588.730	588.326	S	26
R	17	373.609	574.325	571.122	571.323	570.920	R	25
S	18	381.915	543.105	539.901	540.103	539.700	S	24
S	19	408.421	525.690	522.486	522.687	522.283	S	23
R	20	439.642	508.282	505.079	505.280	504.877	R	22
A	21	453.849	477.072	473.868	474.070	473.667	A	21
G	22	465.253	462.865	459.661	459.862	459.459	G	20
L	23	467.870	451.460	448.257	448.458	448.055	L	19
Q	24	513.482	428.844	425.640	425.841	425.438	Q	18
F	25	542.896	403.232	400.028	400.230	399.827	F	17
P	26	562.306	373.816	370.614	370.816	370.413	P	16
V	27	652.120	354.408	351.204	351.405	351.002	V	15
G	28	593.524	334.594	331.390	331.592	331.189	G	14
R	29	624.744	323.190	319.986	320.187	319.784	R	13
V	30	644.558	291.969	288.766	288.967	288.564	V	12
H	31	671.970	272.156	268.952	269.154	268.750	H	11
R	32	703.190	244.744	241.540	241.742	241.339	R	10
L	33	725.807	213.524	210.320	210.522	210.118	L	9
L	34	748.424	190.907	187.703	187.905	187.502	L	8
R	35	776.644	168.290	165.086	165.288	164.885	R	7
R	36	805.263	137.070	133.866	134.068	133.665	R	6
G	37	819.664	111.451	108.247	108.449	108.046	G	5
N	38	839.476	100.047	96.843	97.044	96.641	N	4
V	39	872.088	77.238	74.034	74.236	73.833	V	3
A	40	886.296	44.625	41.422	41.623	41.220	A	2
E	41	912.104	30.418	27.214	27.416	27.013	E	1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKQGGK^{Dimethyl}_{28.03} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.45
- ▶ F104903.dat
- ▶ query=q2858_p1
- ▶ precursor=655.939030
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	w	#±1	#±2	z	AA	
S	1	221.063	4368.508	4369.480	0.000	4368.481	S[1]
G	2	284.064	4376.499	4380.480	0.000	4359.472	G[2]
R	3	440.116	4319.477	4303.459	4304.466	4307.451	R[3]
G	4	497.167	4163.376	4147.357	4146.365	4146.350	G[4]
K	5	625.282	4106.355	4090.336	4091.344	4089.328	K[5]
G	6	753.340	3978.260	3962.241	3963.249	3961.233	G[6]
G	7	810.362	3950.251	3934.232	3935.240	3933.224	G[7]
G	8	867.363	3793.180	3777.161	3778.169	3776.153	G[8]
K	9	1023.510	3736.158	3720.140	3721.147	3719.131	K[9]
A	10	1084.547	3580.032	3564.013	3565.021	3563.005	A[10]
R	11	1202.618	3538.095	3492.076	3493.084	3491.068	R[11]
A	12	1321.685	3392.984	3358.965	3359.973	3357.957	A[12]
R	13	1440.750	3281.857	3265.838	3266.846	3264.830	R[13]
A	14	1550.817	3153.760	3137.741	3138.751	3136.735	A[14]
K	15	1648.912	3022.725	3006.706	3007.714	3005.699	K[15]
S	16	1735.944	2954.630	2938.611	2939.619	2937.603	S[16]
R	17	1822.045	2897.598	2881.579	2882.587	2880.571	R[17]
S	18	1979.077	2711.496	2695.477	2696.486	2694.470	S[18]
S	19	2056.116	2634.464	2608.446	2609.454	2607.438	S[19]
R	20	2232.210	2537.433	2521.414	2522.422	2520.406	R[20]
A	21	2293.247	2381.311	2365.292	2366.300	2364.284	A[21]
G	22	2350.269	2310.294	2294.275	2295.283	2293.267	G[22]
L	23	2463.363	2253.271	2237.252	2238.260	2236.244	L[23]
Q	24	2591.411	2140.189	2124.170	2125.178	2123.162	Q[24]
F	25	2738.480	2012.130	1996.111	1997.119	1995.104	F[25]
F	26	2835.513	1895.062	1889.043	1890.051	1888.035	F[26]
V	27	2934.601	1768.009	1751.990	1752.998	1750.982	V[27]
G	28	2991.622	1688.940	1682.921	1683.930	1681.914	G[28]
R	29	3167.678	1511.819	1505.800	1506.808	1504.792	R[29]
V	30	3246.792	1455.815	1439.799	1440.807	1438.791	V[30]
H	31	3381.851	1358.749	1340.731	1341.739	1339.723	H[31]
R	32	3539.952	1219.691	1203.672	1204.680	1202.664	R[32]
L	33	3653.036	1063.589	1047.571	1048.579	1046.563	L[33]
L	34	3766.120	926.505	934.487	935.495	933.479	L[34]
R	35	3922.212	837.423	821.403	822.410	820.394	R[35]
K	36	4050.316	681.320	665.302	666.309	664.294	K[36]
G	37	4187.338	533.225	517.207	518.214	516.199	G[37]
N	38	4221.361	496.204	480.185	481.193	479.177	N[38]
V	39	4364.444	382.161	366.142	367.150	365.134	V[39]
A	40	4455.463	319.096	303.079	304.087	302.071	A[40]
E	41	4584.534	148.060	132.042	133.050	131.034	E[41]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKQGGK^{Dimethyl}_{28.03} ARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.45
- ▶ F104903.dat
- ▶ query=q2858_p1
- ▶ precursor=655.939030
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	114.025	2793.257	2795.240	0.504	2384.744	S 41
G 2	142.536	2188.753	2180.744	0.504	2180.240	G 40
R 3	280.586	2160.942	2154.233	2152.737	2151.729	R 39
G 4	289.097	2082.192	2074.182	2074.686	2073.678	G 38
K 5	313.145	2051.681	2045.672	2046.176	2045.168	K 37
Q 6	377.174	1989.634	1983.624	1982.228	1981.120	Q 36
G 7	405.982	1925.664	1917.555	1918.059	1917.051	G 35
G 8	434.195	1897.093	1889.084	1889.588	1888.580	G 34
K 9	512.250	1886.583	1880.573	1861.077	1860.069	K 33
A 10	547.777	1790.620	1782.510	1783.014	1782.006	A 32
R 11	625.828	1755.001	1746.992	1747.496	1746.488	R 31
A 12	661.346	1676.951	1668.941	1669.445	1668.437	A 30
R 13	725.394	1641.432	1633.423	1633.927	1632.919	R 29
A 14	760.912	1577.384	1569.375	1569.879	1568.871	A 28
K 15	824.960	1541.866	1533.857	1534.361	1533.353	K 27
S 16	868.476	1477.818	1469.809	1470.313	1469.305	S 26
R 17	946.526	1434.302	1426.293	1426.797	1425.789	R 25
S 18	980.642	1356.252	1348.243	1348.746	1347.738	S 24
S 19	1033.558	1312.736	1304.727	1305.230	1304.223	S 23
R 20	1111.609	1269.220	1261.210	1261.714	1260.707	R 22
A 21	1147.127	1191.099	1183.100	1183.604	1182.606	A 21
G 22	1175.638	1155.051	1147.641	1148.145	1147.137	G 20
L 23	1232.180	1127.140	1119.131	1119.635	1118.627	L 19
Q 24	1296.209	1070.588	1062.589	1063.093	1062.085	Q 19
F 25	1369.744	1006.569	998.559	999.063	998.055	F 17
P 26	1418.270	933.034	925.025	925.529	924.521	P 16
V 27	1467.804	894.508	876.499	877.003	875.995	V 15
G 28	1496.315	834.974	826.965	827.468	826.461	G 14
R 29	1574.393	856.603	798.454	798.958	797.950	R 13
L 30	1621.902	728.413	720.403	720.907	719.899	L 12
H 31	1692.420	678.878	670.869	671.373	670.365	H 11
R 32	1770.480	610.349	602.340	602.843	601.836	R 10
L 33	1827.022	532.298	524.289	524.793	523.785	L 9
L 34	1883.564	475.756	467.747	468.251	467.243	L 8
R 35	1963.614	419.214	411.205	411.709	410.701	R 7
R 36	2025.662	341.164	333.154	333.658	332.650	R 6
G 37	2054.172	277.118	269.107	269.611	268.603	G 5
N 38	2111.194	246.606	240.596	241.100	240.092	N 4
V 39	2192.726	191.984	183.975	184.479	183.471	V 3
A 40	2228.244	110.052	102.043	102.547	101.539	A 2
E 41	2292.785	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKQGGK^{Dimethyl}_{28.03} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=61.45
- ▶ F104903.dat
- ▶ query=q2858_p1
- ▶ precursor=655.939030
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	76.352	1529.174	1523.835	0.872	1523.497	S[1]
G	2	95.360	1455.526	1454.165	0.872	1453.820	G[2]
R	3	147.393	1440.497	1435.158	1435.494	1434.822	R[3]
G	4	166.400	1388.464	1383.124	1383.460	1382.788	G[4]
K	5	209.099	1369.456	1364.117	1364.453	1363.781	K[5]
G	6	251.795	1326.759	1321.419	1321.754	1321.083	G[6]
G	7	270.792	1304.674	1299.335	1299.668	1298.997	G[7]
G	8	289.799	1285.065	1279.725	1280.061	1279.389	G[8]
K	9	341.841	1246.058	1240.718	1241.054	1240.382	K[9]
A	10	395.520	1194.016	1188.676	1189.012	1188.340	A[10]
R	11	427.554	1170.539	1165.199	1165.535	1164.861	R[11]
A	12	481.233	1118.303	1113.003	1113.299	1112.597	A[12]
K	13	483.931	1094.624	1089.284	1089.620	1088.946	K[13]
A	14	507.610	1051.925	1046.585	1046.922	1046.250	A[14]
K	15	550.309	1028.246	1022.907	1023.243	1022.571	K[15]
S	16	579.319	985.548	980.208	980.544	979.873	S[16]
R	17	631.353	956.531	951.198	951.534	950.862	R[17]
S	18	668.954	904.504	899.164	899.500	898.828	S[18]
S	19	689.375	875.493	870.153	870.489	869.817	S[19]
R	20	741.408	846.482	841.143	841.479	840.807	R[20]
A	21	765.087	794.449	789.109	789.445	788.773	A[21]
C	22	784.094	770.710	765.430	765.766	765.094	C[22]
L	23	821.789	753.762	746.423	746.759	746.087	L[23]
Q	24	864.475	714.085	708.745	709.084	708.412	Q[24]
F	25	913.498	671.382	666.042	666.378	665.706	F[25]
P	26	945.849	622.359	617.019	617.355	616.683	P[26]
V	27	978.672	590.006	584.666	585.004	584.332	V[27]
C	28	987.879	558.985	553.645	553.981	553.309	C[28]
R	29	1069.913	537.916	532.576	532.914	532.242	R[29]
V	30	1082.936	485.944	480.604	480.941	480.269	V[30]
H	31	1138.622	452.921	447.581	447.918	447.246	H[31]
R	32	1180.656	407.235	401.895	402.231	401.560	R[32]
L	33	1218.350	355.201	349.862	350.198	349.526	L[33]
L	34	1256.045	312.509	307.169	307.505	306.833	L[34]
R	35	1289.812	279.812	274.472	274.808	274.136	R[35]
K	36	1350.777	227.778	222.438	222.775	222.103	K[36]
G	37	1389.784	185.880	179.740	180.076	179.404	G[37]
N	38	1407.798	166.873	160.733	161.069	160.397	N[38]
Y	39	1452.153	128.998	122.719	123.055	122.383	Y[39]
A	40	1485.832	83.304	78.004	78.340	77.668	A[40]
E	41	1528.848	50.025	44.685	45.021	44.349	E[41]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKQGGK^{Dimethyl}_{28.03} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=61.45
- ▶ F104903.dat
- ▶ query=q2858.p1
- ▶ precursor=655.939030
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	57.518	1147.132	1143.228	0.755	1142.878	S 41
G 2	71.772	1094.880	1090.875	0.755	1090.624	G 40
R 3	110.797	1080.625	1076.620	1076.872	1076.368	R 39
G 4	125.052	1041.600	1037.595	1037.847	1037.343	G 38
K 5	157.078	1027.344	1023.339	1023.591	1023.087	K 37
G 6	189.091	995.220	991.311	991.568	991.064	G 29
G 7	203.346	963.306	959.301	959.553	959.049	G 35
G 8	217.601	949.050	945.046	945.298	944.794	G 34
K 9	256.633	934.795	930.790	931.042	930.538	K 33
A 10	274.302	895.763	891.750	892.011	891.507	A 32
R 11	313.417	879.804	875.999	874.251	873.748	R 31
A 12	321.177	818.979	814.974	815.226	814.722	A 29
K 13	363.200	821.220	817.215	817.467	816.963	K 29
A 14	380.940	789.196	785.191	785.443	784.939	A 28
K 15	412.993	771.437	767.432	767.684	767.180	K 27
S 16	434.741	739.413	735.408	735.660	735.156	S 26
R 17	473.767	717.696	713.690	713.902	713.398	R 25
S 18	495.535	678.630	674.623	674.877	674.373	S 24
S 19	517.283	656.572	652.567	653.119	652.615	S 23
R 20	556.308	635.114	631.109	631.361	630.857	R 22
A 21	574.067	596.688	592.684	592.336	591.833	A 21
G 22	588.323	578.329	574.324	574.576	574.072	G 20
L 23	616.564	564.074	560.069	560.321	559.817	L 19
G 24	648.608	535.803	531.798	532.050	531.546	G 18
F 25	655.375	503.788	499.782	500.035	499.531	F 17
F 26	709.639	487.821	483.816	483.288	482.764	F 16
V 27	734.406	442.752	438.753	439.005	438.501	V 15
G 28	748.661	417.991	413.986	414.238	413.734	G 14
R 29	757.726	403.735	399.731	399.982	399.479	R 13
V 30	812.453	354.710	350.705	350.957	350.453	V 12
H 31	846.718	339.943	335.938	336.190	335.686	H 11
R 32	885.743	305.678	301.673	301.925	301.421	R 10
L 33	914.014	266.653	262.648	262.900	262.396	L 9
L 34	942.285	238.302	234.297	234.629	234.125	L 8
R 35	981.311	210.111	206.106	206.358	205.854	R 7
K 36	1013.335	171.888	167.883	168.213	167.709	K 6
G 37	1027.590	139.062	135.057	135.309	134.805	G 5
N 38	1056.101	124.806	120.802	121.054	120.550	N 4
Y 39	1096.686	96.296	92.291	92.543	92.039	Y 3
A 40	1114.626	55.530	51.525	51.777	51.273	A 2
E 41	1146.888	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKQGGK^{Dimethyl}_{28.03} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=61.45
- ▶ F104903.dat
- ▶ query=q2858.p1
- ▶ precursor=655.939030
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA		
S	1	46.214	917.907	934.704	0.806	914.502	S	41
G	2	57.619	876.106	872.902	0.806	872.700	G	40
R	3	68.839	864.701	861.498	861.599	861.296	R	39
G	4	100.243	833.481	830.277	830.479	830.076	G	38
K	5	125.862	822.077	818.873	819.075	818.671	K	37
Q	6	151.474	796.458	793.254	793.456	793.052	Q	36
G	7	162.676	770.846	767.642	767.844	767.441	G	35
G	8	174.282	759.442	756.238	756.440	756.036	G	34
K	9	205.508	748.037	744.831	745.033	744.632	K	33
A	10	219.715	716.812	713.608	713.810	713.407	A	32
R	11	250.935	702.605	699.401	699.603	699.199	R	31
A	12	265.143	671.385	668.181	668.382	667.979	A	30
K	13	290.762	657.177	653.973	654.175	653.772	K	29
A	14	304.969	631.558	628.354	628.556	628.153	A	28
K	15	330.588	617.351	614.147	614.349	613.945	K	27
S	16	347.995	591.732	588.528	588.730	588.326	S	26
R	17	379.215	574.325	571.122	571.323	570.920	R	25
S	18	388.621	543.105	539.901	540.103	539.700	S	24
S	19	414.028	525.699	522.495	522.697	522.293	S	23
R	20	445.248	508.292	505.089	505.290	504.887	R	22
A	21	459.455	477.072	473.868	474.070	473.667	A	21
G	22	470.860	462.865	459.661	459.862	459.459	G	20
L	23	493.476	451.460	448.257	448.458	448.055	L	19
Q	24	519.088	428.844	425.640	425.841	425.438	Q	18
F	25	548.502	403.232	400.028	400.230	399.827	F	17
P	26	567.612	373.816	370.614	370.816	370.413	P	16
V	27	587.726	354.408	351.204	351.405	351.002	V	15
G	28	599.130	334.594	331.390	331.592	331.189	G	14
R	29	630.351	323.190	319.986	320.187	319.784	R	13
V	30	650.164	291.969	288.766	288.967	288.564	V	12
H	31	677.576	272.156	268.952	269.154	268.750	H	11
K	32	708.796	244.744	241.540	241.742	241.339	K	10
L	33	731.413	213.524	210.320	210.522	210.118	L	9
L	34	754.030	190.907	187.703	187.905	187.502	L	8
R	35	785.250	168.290	165.086	165.288	164.885	R	7
K	36	810.869	137.070	133.866	134.068	133.665	K	6
G	37	822.273	111.451	108.247	108.449	108.046	G	5
N	38	845.082	100.047	96.843	97.044	96.641	N	4
V	39	877.695	77.238	74.034	74.236	73.833	V	3
A	40	891.902	44.625	41.422	41.623	41.220	A	2
E	41	917.711	30.418	27.214	27.416	27.013	E	1

sp | Q6GSS7 | H2A2A_MOUSE

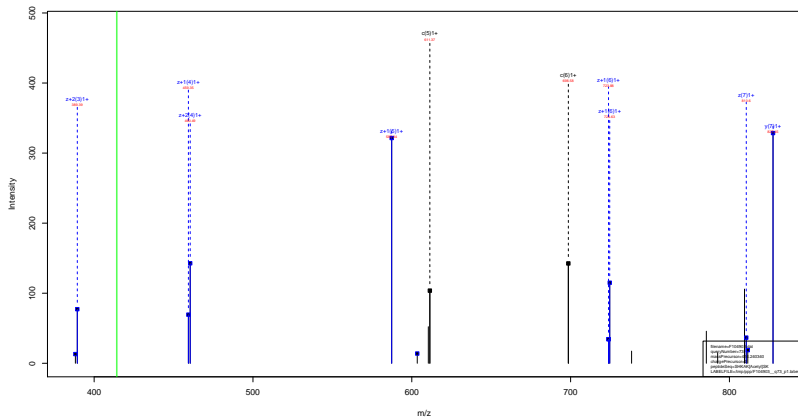
[Acetyl]S^{Phospho}_{79.97} GRGKQGGK^{Dimethyl}_{28.03} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=61.45
- ▶ F104903.dat
- ▶ query=q2858_p1
- ▶ precursor=655.939030
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	38.680	765.091	762.421	0.839	762.253	S[41]
G[2]	48.183	730.256	727.586	0.839	727.418	G[40]
R[3]	74.200	720.752	718.082	718.250	717.915	R[39]
G[4]	83.704	694.735	692.066	692.234	691.896	G[38]
K[5]	105.053	685.232	682.562	682.730	682.394	K[37]
Q[6]	126.396	663.883	661.213	661.381	661.045	Q[36]
G[7]	135.900	642.540	639.870	640.038	639.702	G[35]
G[8]	145.403	633.036	630.366	630.534	630.186	G[34]
K[9]	171.424	623.532	620.863	621.031	620.685	K[33]
A[10]	183.264	597.511	594.842	595.010	594.674	A[32]
R[11]	209.281	585.672	583.002	583.170	582.834	R[31]
A[12]	221.120	559.655	556.985	557.153	556.817	A[30]
K[13]	242.469	547.816	545.146	545.314	544.978	K[29]
A[14]	254.309	526.466	523.797	523.965	523.629	A[28]
K[15]	275.658	514.627	511.957	512.125	511.789	K[27]
S[16]	290.163	493.278	490.608	490.776	490.440	S[26]
R[17]	316.180	478.772	476.103	476.271	475.935	R[25]
S[18]	330.688	452.755	450.085	450.254	449.918	S[24]
S[19]	345.191	438.250	435.580	435.748	435.412	S[23]
R[20]	371.208	423.745	421.075	421.243	420.907	R[22]
A[21]	383.047	397.728	395.058	395.226	394.890	A[21]
G[22]	392.551	385.888	383.219	383.387	383.051	G[20]
L[23]	411.398	376.385	373.715	373.883	373.547	L[19]
Q[24]	432.741	357.538	354.868	355.036	354.700	Q[18]
F[25]	457.253	336.194	333.525	333.693	333.357	F[17]
P[26]	473.428	311.683	309.013	309.181	308.845	P[16]
V[27]	489.940	295.508	292.838	293.006	292.670	V[15]
V[28]	499.443	278.996	276.326	276.494	276.158	V[14]
K[29]	525.460	269.493	266.823	266.991	266.655	K[13]
V[30]	541.971	243.476	240.806	240.974	240.638	V[12]
H[31]	564.815	228.964	224.295	224.462	224.127	H[11]
R[32]	590.831	204.121	201.451	201.619	201.283	R[10]
L[33]	609.679	178.104	175.435	175.602	175.267	L[9]
L[34]	628.526	159.297	156.627	156.795	156.459	L[8]
R[35]	654.543	140.410	137.740	137.908	137.572	R[7]
K[36]	675.892	114.393	111.723	111.891	111.555	K[6]
G[37]	685.396	93.044	90.374	90.542	90.206	G[5]
N[38]	704.403	83.540	80.870	81.038	80.702	N[4]
L[39]	731.380	64.533	61.863	62.031	61.695	L[3]
A[40]	743.420	37.356	34.686	34.854	34.518	A[2]
E[41]	764.927	25.516	22.846	23.014	22.678	E[1]

sp | Q64523 | H2A2C_MOUSE

SHKAK Acetyl SK
42.01



sp | Q64523 | H2A2C_MOUSE

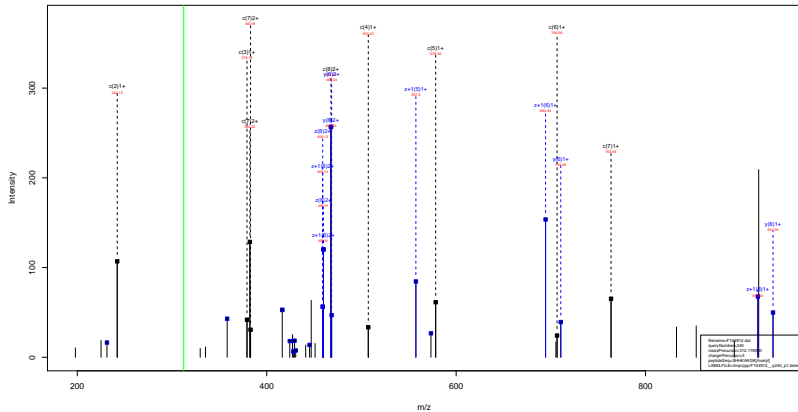
SHKAK^{Acetyl}SK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.06
- ▶ F104903.dat
- ▶ query=q73.p1
- ▶ precursor=414.240340
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	827.473	811.455	0.000	810.447	S[7]
H[2]	382.125	740.343	724.423	0.000	723.415	H[6]
K[3]	170.220	603.382	587.364	588.372	586.366	K[5]
A[4]	441.297	475.287	459.269	460.277	458.261	A[8]
R[5]	611.362	404.250	388.232	389.239	387.224	R[9]
S[6]	690.394	294.145	218.126	219.134	217.118	S[2]
R[7]	826.489	147.113	131.094	132.102	130.086	R[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK Acetyl
42.01



sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.06
- ▶ F104912.dat
- ▶ query=q240_p1
- ▶ precursor=312.178930
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
S	1	105.066	934.522	918.503	0.000	917.490	S	8
H	2	242.125	847.490	831.471	0.000	830.463	H	7
H	3	379.184	710.431	694.412	0.000	693.404	H	6
K	4	507.279	573.372	557.353	558.361	556.345	K	5
A	5	578.316	445.277	429.258	430.266	428.250	A	4
R	6	706.411	374.240	358.221	359.220	357.213	R	3
G	7	763.432	246.145	230.126	231.134	229.118	G	2
R	8	933.538	189.123	173.105	174.112	172.507	R	1

sp | P22752 | H2A1_MOUSE

SHHKAKGK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.06
- ▶ F104912.dat
- ▶ query=q240_p1
- ▶ precursor=312.178930
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.037	467.765	459.755	0.504	459.251	S[8]
H[2]	121.566	424.248	416.239	0.504	415.735	H[7]
H[3]	190.095	355.719	347.710	0.504	347.206	H[6]
K[4]	254.143	287.190	279.180	279.684	278.676	K[5]
A[5]	289.662	223.142	215.133	215.637	214.629	A[4]
K[6]	353.709	187.624	179.614	180.118	179.110	K[3]
G[7]	382.220	123.576	115.567	116.071	115.063	G[2]
K[8]	467.272	95.065	87.056	87.560	86.552	K[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=27.43
- ▶ F104912.dat
- ▶ query=q241_p1
- ▶ precursor=467.764920
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	934.522	918.503	0.000	917.495	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
R[6]	706.411	374.240	358.221	359.229	357.213	R[3]
G[7]	763.432	246.145	230.126	231.134	229.118	G[2]
R[8]	933.538	189.123	173.105	174.112	172.097	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=119.56
- ▶ F104912.dat
- ▶ query=q2962_p1
- ▶ precursor=509.907080
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.070	2545.900	2529.483	0.000	2529.476	S[24]
G[2]	204.008	2416.460	2400.441	0.000	2399.431	G[23]
R[3]	360.199	2359.438	2343.419	2344.427	2342.412	R[22]
G[4]	417.230	2003.337	2087.333	2108.306	2109.311	G[21]
K[5]	545.315	2146.316	2130.297	2131.305	2129.287	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.171	G[18]
K[8]	787.453	1904.179	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.081	1760.064	1761.072	1759.056	G[16]
L[10]	957.559	1719.061	1703.043	1704.050	1702.035	L[15]
G[11]	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.607	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1287.858	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1436.850	1235.781	1219.762	1220.770	1218.754	R[9]
R[17]	1611.951	1107.688	1091.669	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.520	798.507	799.515	797.499	R[6]
K[20]	2061.236	658.425	642.406	643.414	641.398	K[5]
V[21]	2189.306	502.296	486.280	487.287	485.271	V[4]
L[22]	2273.390	403.230	387.211	388.219	386.203	L[3]
R[23]	2429.491	290.146	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.030	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=119.56
- ▶ F104912.dat
- ▶ query=q2962_p1
- ▶ precursor=509.907080
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1238.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.222	1172.213	1172.717	1171.709	R[22]
G[4]	209.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	278.163	1073.062	1058.552	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.101	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	898.245	880.236	881.040	880.032	G[16]
L[10]	479.283	860.034	852.025	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.381	653.913	645.903	646.407	645.399	A[10]
R[16]	702.432	618.399	610.305	610.809	609.801	R[9]
R[17]	806.479	554.341	546.337	546.841	545.833	R[8]
H[18]	875.009	476.208	468.287	468.791	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.657	251.663	243.653	244.147	243.140	V[4]
L[22]	1137.199	202.112	194.103	194.613	193.605	L[3]
R[23]	1215.248	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.528	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=119.56
- ▶ F104912.dat
- ▶ query=q2962.p1
- ▶ precursor=509.907080
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	349.172	843.833	0.672	843.497	S[24]
G[2]	56.704	806.158	800.818	0.672	800.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	725.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.258	574.592	568.352	568.688	568.016	L[15]
G[11]	338.265	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.988	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

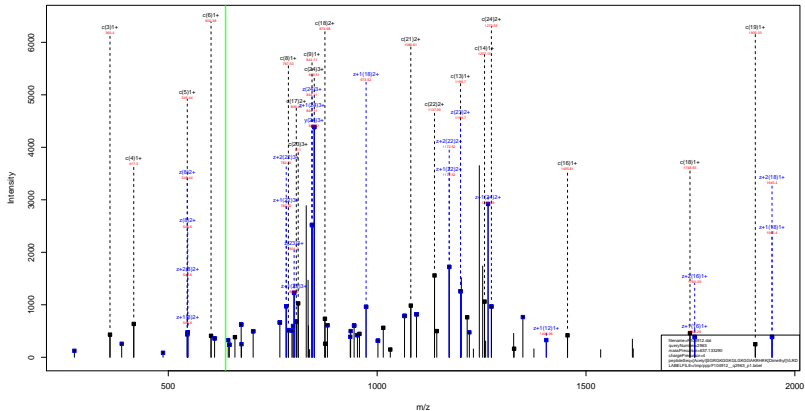
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=119.56
- ▶ F104912.dat
- ▶ query=q2962.p1
- ▶ precursor=509.907080
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	637.131	633.126	0.755	632.674	S[24]
G[2]	51.780	604.870	600.866	0.755	600.614	G[23]
R[3]	90.805	590.615	586.610	586.862	586.358	R[22]
G[4]	105.061	551.590	547.585	547.837	547.333	G[21]
K[5]	137.084	537.334	533.330	533.582	533.078	K[20]
G[6]	151.340	505.311	501.306	501.558	501.054	G[19]
G[7]	165.595	491.055	487.051	487.303	486.799	G[18]
K[8]	197.619	476.800	472.795	473.047	472.543	K[17]
G[9]	211.874	444.776	440.771	441.023	440.520	G[16]
L[10]	280.148	430.521	426.516	426.768	426.264	L[15]
G[11]	254.401	407.260	398.243	398.497	397.993	G[14]
K[12]	286.424	387.994	383.990	384.242	383.738	K[13]
G[13]	300.680	355.971	351.966	352.218	351.714	G[12]
G[14]	314.935	341.715	337.711	337.963	337.459	G[11]
A[15]	332.694	327.460	323.455	323.707	323.203	A[10]
K[16]	364.718	309.701	305.696	305.948	305.444	K[9]
R[17]	403.743	277.677	273.672	273.924	273.420	R[8]
H[18]	438.008	238.652	234.647	234.899	234.395	H[7]
R[19]	477.033	204.387	200.382	200.634	200.130	R[6]
K[20]	516.058	165.362	161.357	161.609	161.105	K[5]
V[21]	540.832	126.330	122.325	122.577	122.073	V[4]
L[22]	569.103	101.563	97.558	97.810	97.306	L[3]
R[23]	608.128	73.292	69.287	69.539	69.035	R[2]
D[24]	636.885	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Dimethyl VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=119.38
- ▶ F104912.dat
- ▶ query=q2963_p1
- ▶ precursor=637.133290
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2545.502	2529.483	0.000	2528.478	S[24]
G	2	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R	3	368.199	2289.438	2243.419	2244.427	2242.412	R[22]
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K	5	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2038.221	2002.200	2003.210	2001.194	G[19]
G	7	659.358	1991.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1778.063	1768.064	1763.072	1759.056	G[16]
L	10	927.559	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.795	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1435.850	1238.781	1219.762	1220.770	1218.754	R[9]
R	17	1511.951	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1749.010	951.585	935.566	936.574	934.558	H[7]
R	19	1905.111	814.526	798.507	799.515	797.499	R[6]
K	20	2061.238	658.425	642.406	643.414	641.398	K[5]
V	21	2180.306	502.298	486.280	487.287	485.272	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
R	23	2429.491	298.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=119.38
- ▶ F104912.dat
- ▶ query=q2963_p1
- ▶ precursor=637.133290
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.551	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.151	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.210	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.263	860.036	852.027	852.530	851.522	L[15]
G[11]	507.794	803.482	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	638.863	682.423	674.414	674.918	673.910	G[11]
A[15]	684.381	653.913	645.903	646.407	645.399	A[10]
R[16]	739.430	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.290	468.281	468.784	467.776	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	339.716	331.707	332.211	331.203	K[5]
V[21]	1080.667	251.663	243.653	244.157	243.149	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

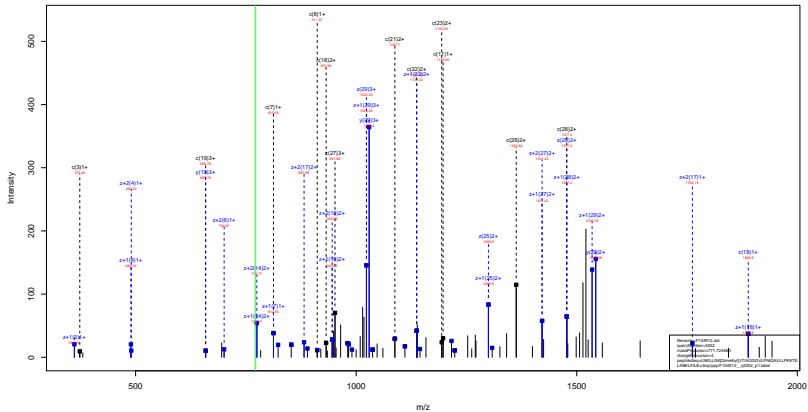
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=119.38
- ▶ F104912.dat
- ▶ query=q2963.p1
- ▶ precursor=637.133290
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.359	587.695	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.146	214.807	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.13
- ▶ F104912.dat
- ▶ query=q3252_p1
- ▶ precursor=771.724460
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3083.802	2067.873	0.000	3066.865	L26
N2	245.161	2970.808	2954.789	2955.797	2953.781	N28
K3	373.256	2856.765	3840.740	3841.754	3839.738	K27
L4	486.340	3728.670	2712.651	2713.659	3711.643	L26
L5	599.424	2615.586	2598.567	2600.575	2598.559	L25
G6	699.495	2502.502	2488.483	2487.491	2485.475	G24
K7	812.572	2445.480	2429.452	2430.469	2425.454	K23
V8	911.640	2389.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1314.857	1909.111	1895.098	1896.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.979	1603.015	1648.997	1648.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
T17	1748.116	1450.863	1434.844	1435.852	1433.836	T13
N18	1862.159	1335.810	1337.791	1338.799	1336.783	N12
I19	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	827.587	811.569	812.576	810.561	V8
L23	2388.491	628.519	612.500	613.508	611.492	L17
L24	2499.575	415.435	699.416	700.424	698.408	L10
P25	2596.628	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.818	377.203	361.184	362.192	360.177	K3
T28	2953.865	249.108	233.089	234.097	232.082	T2
E29	3082.908	148.050	132.942	133.950	131.934	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=38.13
- ▶ F104912.dat
- ▶ query=q3252_p1
- ▶ precursor=771.724460
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	8.504	1533.930	L126
N12	123.054	1485.905	1477.898	1478.402	1477.394	N128
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1366.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.758	1243.795	1243.785	1244.289	1243.283	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.840	1095.646	1087.637	1088.141	1087.133	F121
T110	563.390	1045.123	1037.113	1037.617	1036.609	T120
A111	608.908	988.581	980.571	981.075	980.067	A119
G112	662.937	933.063	945.053	945.557	944.550	G118
G113	691.448	889.033	881.023	881.527	880.519	G117
G114	719.959	860.522	852.513	853.017	852.009	G116
V115	769.493	832.011	824.002	824.506	823.498	V115
L116	826.035	782.477	774.468	774.972	773.964	L114
F117	874.584	728.935	721.925	722.429	721.422	F115
N118	931.583	677.820	669.810	669.903	668.895	N112
I119	988.125	620.387	612.378	612.882	611.874	I111
Q120	1052.154	563.845	555.836	556.340	555.332	Q110
A121	1087.673	499.816	491.807	492.310	491.303	A10
V122	1137.207	484.297	476.288	476.792	475.784	V18
L123	1193.749	414.763	406.754	407.258	406.250	L17
L124	1250.291	358.221	350.212	350.716	349.708	L16
P125	1298.817	301.679	293.670	294.174	293.166	P15
K126	1362.865	253.153	245.143	245.647	244.639	K14
K127	1428.917	189.105	181.096	181.600	180.592	K13
T128	1477.436	125.058	117.048	117.552	116.544	T12
E129	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=38.13
- ▶ F104912.dat
- ▶ query=q3252_p1
- ▶ precursor=771.724460
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[26]
N[2]	82.302	990.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.308	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.194	867.530	866.858	L[25]
G[6]	239.487	834.839	829.499	829.835	829.163	G[24]
K[7]	271.529	815.835	810.495	810.831	810.159	K[23]
V[8]	304.552	783.790	778.450	778.786	778.114	V[22]
T[9]	338.234	738.763	735.427	735.763	735.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	659.389	654.050	654.386	653.714	A[19]
Q[12]	442.294	626.718	620.371	620.707	620.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.131	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
P[17]	583.377	484.202	478.953	479.289	478.617	P[13]
T[18]	621.302	453.942	448.602	448.938	448.266	T[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	378.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.546	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.150	233.810	234.146	233.474	L[6]
T[25]	869.214	201.485	196.146	196.481	195.809	T[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	138.406	131.066	131.402	130.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=89.03
- ▶ F104912.dat
- ▶ query=q3253_p1
- ▶ precursor=771.724660
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	2067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	3840.740	3841.754	3839.738	K[27]
L[4]	488.340	3728.670	3712.651	3713.659	3711.643	L[26]
L[5]	599.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2302.502	2488.483	2487.491	2485.475	G[24]
K[7]	812.572	2245.480	2429.461	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1244.867	1909.111	1589.098	1699.108	1588.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1748.116	1450.863	1434.844	1435.852	1433.836	T[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	827.587	811.569	812.576	810.561	V[8]
L[23]	2389.491	628.519	612.500	613.508	611.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.050	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=89.03
- ▶ F104912.dat
- ▶ query=q3253_p1
- ▶ precursor=771.724660
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L120
N1	123.054	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.889	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1356.829	1357.333	1356.325	L126
L1	300.216	1308.297	1300.287	1300.791	1299.783	L125
G1	358.758	1251.795	1243.745	1244.249	1243.241	G124
K1	406.799	1223.244	1215.234	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
F1	506.840	1095.646	1087.637	1088.141	1087.133	F121
T1	563.390	1045.123	1037.113	1037.617	1036.609	T120
A1	598.908	988.581	980.571	981.075	980.067	A119
G1	662.937	933.066	945.053	945.557	944.549	G118
G1	691.448	889.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.513	853.017	852.009	G116
V1	769.493	832.011	824.002	824.506	823.498	V115
L1	835.035	782.477	774.468	774.972	773.964	L114
F1	874.561	728.935	721.926	722.430	721.422	F113
N1	931.583	677.400	669.390	669.893	668.885	N112
I1	988.125	620.867	612.858	613.362	612.354	I111
Q1	1052.154	563.845	555.836	556.340	555.332	Q110
A1	1087.673	499.816	491.807	492.310	491.303	A10
V1	1137.207	484.297	476.288	476.792	475.784	V10
L1	1193.749	414.763	406.754	407.258	406.250	L10
L1	1250.291	358.221	350.212	350.716	349.708	L10
P1	1298.817	301.679	293.670	294.174	293.166	P10
K1	1362.865	253.153	245.143	245.647	244.639	K10
K1	1426.912	189.105	181.096	181.600	180.592	K10
T1	1477.436	125.058	117.049	117.552	116.544	T10
E1	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

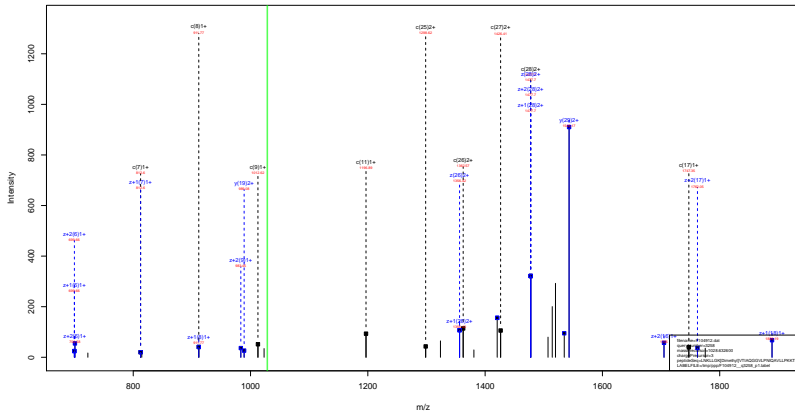
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=89.03
- ▶ F104912.dat
- ▶ query=q3253.p1
- ▶ precursor=771.724660
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		0.672	1022.960 L 29
N 2	62.392	990.941	985.601	985.937		985.265 N 28
K 3	125.090	952.026	947.587	947.923		947.251 K 27
L 4	162.795	910.228	904.889	905.225		904.553 L 26
L 5	200.479	872.533	867.134	867.530		866.955 L 25
G 6	219.487	834.839	829.409	829.835		829.163 G 24
K 7	271.529	815.832	810.492	810.828		810.156 K 23
V 8	304.552	763.790	758.450	758.786		758.114 V 22
T 9	336.234	730.767	725.427	725.763		725.091 T 21
I 10	375.929	697.084	691.745	692.081		691.409 I 20
A 11	399.608	659.389	654.050	654.386		653.714 A 19
Q 12	442.294	636.720	630.374	630.707		630.035 Q 18
G 13	461.301	593.024	587.685	588.021		587.349 G 17
G 14	480.308	574.017	568.678	569.013		568.342 G 16
V 15	513.331	555.010	549.670	550.006		549.334 V 15
L 16	551.026	521.987	516.648	516.984		516.312 L 14
F 17	583.377	484.292	478.953	479.289		478.617 F 13
Tu 18	621.391	451.942	446.603	446.939		446.266 Tu 12
I 19	659.086	413.927	408.588	408.924		408.252 I 11
Q 20	701.772	376.233	370.893	371.229		370.557 Q 10
A 21	725.451	333.546	328.207	328.543		327.871 A 9
V 22	758.474	309.867	304.528	304.864		304.192 V 8
L 23	796.168	276.844	271.505	271.841		271.169 L 7
L 24	833.863	239.350	233.910	234.246		233.574 L 6
P 25	866.214	201.655	196.216	196.551		195.785 P 5
K 26	908.912	169.104	163.765	164.101		163.429 K 4
K 27	951.611	126.406	121.066	121.402		120.730 K 3
T 28	985.293	83.708	78.368	78.704		78.032 T 2
E 29	1028.307	50.025	44.685	45.021		44.349 E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.59
- ▶ F104912.dat
- ▶ query=q3258_p1
- ▶ precursor=1028.632600
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L129
N2	345.161	2970.808	2954.789	2955.797	2951.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.585	2599.567	2600.575	2598.560	L25
G6	694.448	2502.502	2486.483	2487.491	2485.475	G24
K7	812.572	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2288.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.857	1905.111	1889.094	1906.108	1888.090	Q18
G13	1381.589	1777.055	1761.036	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.015	1646.997	1648.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
P17	1748.116	1450.893	1434.874	1435.882	1433.866	P13
T18	1867.159	1383.810	1367.791	1368.799	1366.783	T12
I19	1975.243	1298.767	1283.748	1284.756	1282.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.336	996.624	980.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.435	699.415	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2951.895	249.108	233.089	234.097	232.082	T2
E29	3087.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

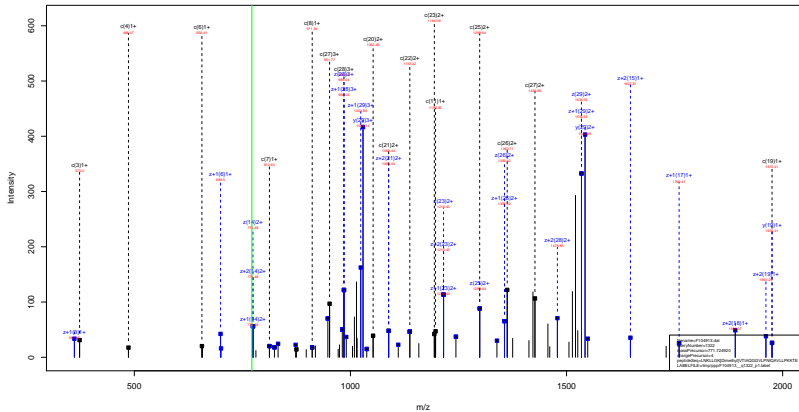
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.59
- ▶ F104912.dat
- ▶ query=q3258_p1
- ▶ precursor=1028.632600
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	8.504	1533.930	L19
N12	123.054	1485.905	1477.898	1478.402	1477.394	N20
K13	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.759	1251.755	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
F19	506.849	1095.646	1087.637	1088.141	1087.133	F21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	608.909	988.581	980.571	981.075	980.067	A19
G12	662.937	938.066	930.056	930.559	929.551	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.512	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.035	782.477	774.468	774.972	773.964	L14
F17	874.581	728.935	720.925	721.429	720.421	F13
N18	931.583	677.400	669.390	669.893	668.885	N12
I19	988.125	620.867	612.858	613.362	612.354	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1127.207	484.297	476.288	476.792	475.784	V8
L23	1193.769	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T12
E19	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.66
- ▶ F104913.dat
- ▶ query=q1322_p1
- ▶ precursor=771.724920
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	2083.892	3067.873	9.800	3066.865	L128
N2	245.151	2970.808	2954.789	2955.797	2953.781	N20
K3	373.256	3856.705	2840.746	2841.754	2839.738	K27
L4	480.340	3728.670	2712.653	2713.659	2711.643	L26
L5	599.424	2615.588	2599.567	2600.575	2598.559	L25
G6	658.445	2502.502	2486.483	2487.491	2485.475	G24
K7	812.572	2345.480	2420.462	2420.469	2420.454	K23
V8	911.640	2289.954	2273.935	2274.943	2272.927	V22
F9	1012.688	2100.266	2174.267	2175.275	2173.259	F21
T10	1125.772	2089.239	2073.219	2074.227	2072.211	T20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1244.857	1926.111	1889.089	1890.106	1889.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V15	1537.979	1663.015	1646.997	1648.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
F17	1768.316	1458.863	1438.844	1439.852	1437.836	F13
N18	1862.150	1353.810	1337.791	1338.799	1336.783	N12
I19	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q20	2163.301	1126.663	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A0
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2388.493	828.519	812.500	813.508	811.492	L17
L24	2499.575	715.435	699.416	700.424	698.408	L16
P25	2596.628	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.818	377.203	361.184	362.192	360.177	K3
T28	2953.885	249.108	233.089	234.097	232.081	T2
E29	3062.968	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.66
- ▶ F104913.dat
- ▶ query=q1322_p1
- ▶ precursor=771.724920
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.936	L126
N1	123.084	1485.905	1477.898	1478.402	1477.891	N20
K1	187.132	1428.886	1420.879	1421.381	1420.373	K27
L1	243.674	1364.839	1356.829	1357.331	1356.325	L26
L1	300.216	1308.297	1300.291	1300.791	1299.783	L25
G1	358.759	1251.795	1243.745	1244.249	1243.751	G24
K1	406.799	1197.244	1215.234	1215.738	1214.731	K23
V1	456.324	1145.181	1137.171	1137.675	1136.667	V22
T1	506.840	1095.646	1087.637	1088.141	1087.133	T21
T1	563.390	1045.123	1037.113	1037.617	1036.609	T20
A1	608.909	998.581	990.571	991.075	990.067	A19
Q1	662.937	953.065	945.053	945.557	944.549	Q18
G1	691.448	899.033	891.023	891.527	890.519	G17
G1	719.959	860.522	852.513	853.017	852.009	G16
V1	769.493	832.011	824.002	824.506	823.498	V15
L1	826.035	782.477	774.468	774.972	773.964	L14
T1	874.561	728.935	721.925	722.429	721.421	T13
N1	911.553	677.405	669.399	669.903	668.895	N12
I1	968.125	620.887	612.878	612.882	611.874	I11
Q1	1052.154	563.845	555.836	556.340	555.332	Q10
A1	1087.673	499.816	491.807	492.310	491.303	A10
V2	1137.207	494.297	486.288	486.792	485.784	V9
L2	1193.749	414.763	406.754	407.258	406.251	L1
L2	1250.291	358.221	350.212	350.716	349.708	L0
P2	1298.817	301.679	293.670	294.174	293.166	P5
K2	1362.865	253.153	245.143	245.647	244.639	K4
K2	1426.912	189.105	181.096	181.600	180.592	K3
T2	1477.436	125.058	117.048	117.552	116.544	T1
E2	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

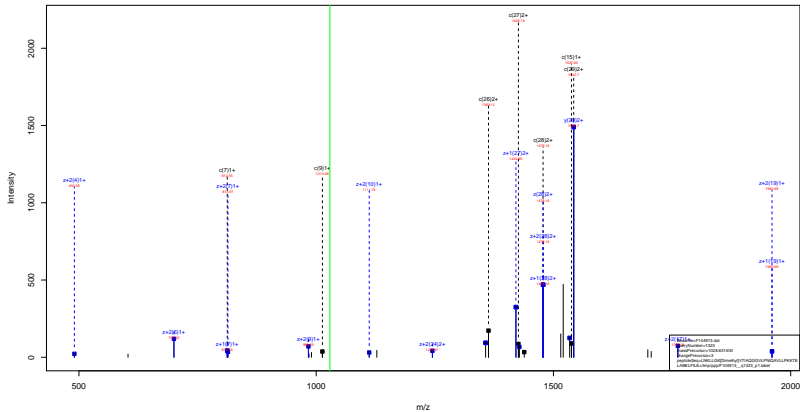
LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.66
- ▶ F104913.dat
- ▶ query=q1322_p1
- ▶ precursor=771.724920
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.660	L20
N2	62.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.326	947.587	947.923	947.251	K27
L4	162.785	910.225	904.869	905.225	904.551	L26
L5	200.479	872.533	867.194	867.530	866.858	L25
G6	239.487	834.539	829.499	829.835	829.163	G24
K7	271.529	815.833	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	626.713	621.374	621.707	621.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.131	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.963	479.299	478.627	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.455	196.116	196.452	195.780	T5
K26	908.912	169.100	163.761	164.101	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.22
- ▶ F104913.dat
- ▶ query=q1323_p1
- ▶ precursor=1028.631400
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
G[6]	694.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.859	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1274.897	1905.111	1889.092	1890.100	1888.084	Q[18]
G[13]	1361.989	1777.055	1761.036	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1450.893	1434.874	1435.882	1433.866	F[13]
Tu[18]	1852.159	1383.810	1367.791	1368.799	1366.783	Tu[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	996.624	980.605	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

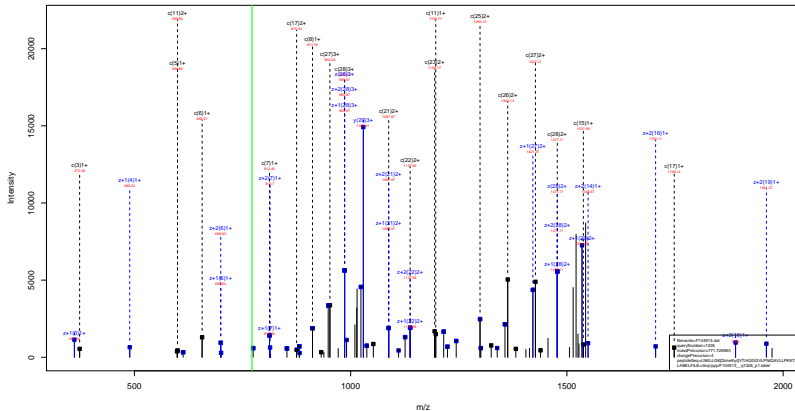
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.22
- ▶ F104913.dat
- ▶ query=q1323_p1
- ▶ precursor=1028.631400
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.936	L128
N12	123.054	1485.905	1477.898	1478.402	1477.394	N20
K13	187.132	1428.886	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	356.758	1251.755	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
F19	506.849	1095.646	1087.637	1088.141	1087.133	F21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	688.608	988.581	980.571	981.075	980.067	A19
Q12	692.937	953.065	945.055	945.559	944.551	Q18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.035	782.477	774.468	774.972	773.964	L14
F17	874.581	728.935	720.925	721.429	720.421	F13
N18	931.583	677.400	669.390	669.893	668.885	N12
I19	988.125	620.867	612.857	613.361	612.353	I11
Q20	1052.154	563.845	555.835	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.311	491.303	A0
V22	1127.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.753	407.257	406.250	L17
L24	1250.291	358.221	350.211	350.715	349.708	L6
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=95.34
- ▶ F104913.dat
- ▶ query=q1326_p1
- ▶ precursor=771.725960
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3083.892	3067.873	0.000	3066.865	L26
N2	245.161	2970.808	2954.789	2955.797	2953.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	488.340	2728.670	2712.651	2713.659	2711.643	L26
L5	699.424	2615.586	2599.567	2600.575	2598.559	L25
G6	658.445	2502.500	2486.483	2487.491	2485.475	G24
K7	812.572	2445.460	2429.442	2430.450	2428.434	K23
V8	911.640	2289.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2190.288	2174.269	2175.275	2173.259	T21
I10	1125.772	2089.230	2073.210	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.867	1905.111	1889.098	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V15	1537.979	1663.015	1646.997	1648.004	1646.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
T17	1748.116	1490.863	1474.844	1475.852	1473.836	T13
N18	1862.959	1353.810	1337.791	1338.799	1336.783	N12
I19	1975.243	1239.761	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2389.491	808.513	813.508	813.508	811.492	L7
L24	2499.575	715.435	699.416	700.424	698.408	L6
P25	2596.628	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.268	489.279	490.287	488.271	K4
K27	2852.818	377.203	361.184	362.192	360.177	K3
T28	2953.865	249.106	233.089	234.097	232.082	T2
E29	3082.008	148.080	132.062	133.070	131.054	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=95.34
- ▶ F104913.dat
- ▶ query=q1326_p1
- ▶ precursor=771.725960
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.063	1542.850	1534.440	9.504	1533.990	L19
N1	123.084	1485.058	1477.898	1478.402	1477.394	N20
K1	187.132	1428.889	1420.877	1421.381	1420.373	K27
L1	243.674	1364.839	1356.829	1357.333	1356.325	L26
L1	300.216	1308.297	1300.287	1300.791	1299.783	L25
G1	358.758	1251.795	1243.745	1244.249	1243.241	G24
K1	406.799	1223.244	1215.234	1215.738	1214.731	K23
V1	456.324	1145.181	1137.171	1137.675	1136.667	V22
T1	506.840	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A19
Q12	662.937	933.060	925.053	925.557	924.549	Q18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	830.035	782.477	774.468	774.972	773.964	L14
T17	874.561	728.935	721.928	722.432	721.424	T13
N18	931.583	677.400	669.390	669.893	668.885	N12
I19	988.125	630.867	612.378	612.882	611.874	I11
Q20	1052.154	583.845	575.836	576.340	575.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.678	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.049	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=95.34
- ▶ F104913.dat
- ▶ query=q1326_p1
- ▶ precursor=771.725960
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		0.672	1022.960 L 29
N 2	62.392	990.941	985.601	985.937		985.265 N 28
K 3	125.090	952.026	947.587	947.923		947.251 K 27
L 4	162.795	910.229	904.889	905.225		904.553 L 26
L 5	200.479	872.523	867.184	867.520		866.955 L 25
G 6	219.487	834.839	829.499	829.835		829.161 G 24
K 7	271.529	815.832	810.492	810.828		810.156 K 23
V 8	304.552	763.790	758.450	758.786		758.114 V 22
T 9	336.234	730.767	725.427	725.763		725.091 T 21
I 10	375.929	697.084	691.745	692.081		691.409 I 20
A 11	399.608	659.389	654.050	654.386		653.714 A 19
Q 12	442.294	636.720	630.371	630.707		630.033 Q 18
G 13	461.301	593.024	587.685	588.021		587.349 G 17
G 14	480.308	574.017	568.678	569.013		568.342 G 16
V 15	513.331	555.010	549.670	550.006		549.334 V 15
L 16	551.026	521.987	516.648	516.984		516.312 L 14
F 17	583.377	484.292	478.953	479.289		478.611 F 13
Tu 18	621.391	451.942	446.603	446.939		446.265 Tu 12
I 19	659.086	413.927	408.588	408.924		408.252 I 11
Q 20	701.772	376.213	370.893	371.229		370.551 Q 10
A 21	725.451	333.546	328.207	328.543		327.871 A 9
V 22	758.474	309.867	304.528	304.864		304.192 V 8
L 23	796.168	276.844	271.505	271.841		271.169 L 7
L 24	833.863	239.350	233.991	234.326		233.653 L 6
P 25	866.214	201.655	196.116	196.451		195.785 P 5
K 26	908.912	169.104	163.765	164.101		163.429 K 4
K 27	951.611	126.406	121.066	121.402		120.730 K 3
T 28	985.293	83.768	78.368	78.704		78.032 T 2
E 29	1028.307	50.025	44.685	45.021		44.349 E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=87.04
- ▶ F104913.dat
- ▶ query=q1327_p1
- ▶ precursor=771.726280
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L29
N2	345.161	2970.808	2954.789	2955.797	2951.781	N38
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	597.424	2615.585	2599.567	2600.575	2598.560	L25
Q6	656.445	2502.502	2486.483	2487.491	2485.475	Q24
K7	812.572	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2288.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.867	1895.111	1889.098	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.015	1646.997	1646.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
F17	1748.116	1450.893	1434.864	1435.872	1433.856	F13
T18	1852.159	1383.810	1337.791	1338.799	1336.783	T12
I19	1975.243	1236.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.336	998.624	983.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.576	715.435	699.415	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2953.895	249.108	233.089	234.097	232.082	T2
E29	3082.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=87.04
- ▶ F104913.dat
- ▶ query=q1327_p1
- ▶ precursor=771.726280
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	8.504	1533.992	L120
N12	123.084	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.849	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	608.909	998.591	990.571	991.075	990.067	A119
Q12	662.937	953.062	945.053	945.557	944.549	Q118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	830.035	782.477	774.468	774.972	773.964	L114
F17	874.561	728.935	721.928	722.432	721.424	F113
N18	911.553	677.405	669.399	669.903	668.895	N112
I19	968.125	620.867	612.870	612.882	611.874	I111
Q20	1052.154	563.845	555.838	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	494.297	486.288	486.792	485.784	V10
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.213	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P15
K26	1362.865	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=87.04
- ▶ F104913.dat
- ▶ query=q1327_p1
- ▶ precursor=771.726280
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	900.941	985.601	985.937	985.265	N[20]
K[3]	129.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.194	867.530	866.898	L[25]
Q[6]	219.487	834.839	829.499	829.835	829.163	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	783.700	778.450	778.786	778.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
T[10]	375.920	697.084	691.745	692.081	691.409	T[20]
A[11]	399.608	669.389	664.050	664.386	663.714	A[19]
Q[12]	442.294	630.713	625.374	625.709	625.037	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	583.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.939	446.267	T[12]
T[19]	659.086	413.927	408.588	408.924	408.252	T[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	729.461	333.540	328.201	328.537	327.865	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.156	233.484	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.400	121.061	121.402	120.730	K[3]
T[28]	985.293	83.700	78.361	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.686	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=94.58
- ▶ F104913.dat
- ▶ query=q1328_p1
- ▶ precursor=771.726550
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.461	2430.469	2428.454	K[23]
V[8]	911.640	2389.354	2373.335	2374.343	2372.327	V[22]
T[9]	1012.688	2190.266	2174.267	2175.275	2173.259	T[21]
T[10]	1125.772	2089.238	2073.219	2074.227	2072.211	T[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1314.667	1909.111	1893.067	1890.106	1889.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.879	1603.015	1648.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1768.116	1450.863	1434.844	1435.852	1433.836	T[13]
N[18]	1882.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1119.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	827.587	811.569	812.576	810.561	V[8]
L[23]	2389.491	678.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.050	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=94.58
- ▶ F104913.dat
- ▶ query=q1328_p1
- ▶ precursor=771.726550
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	9.504	1533.936	L126
N12	123.084	1485.908	1477.898	1478.402	1477.394	N020
K13	187.132	1428.888	1420.877	1421.381		K027
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.758	1251.795	1243.745	1244.249	1243.241	G024
K17	406.799	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
T19	506.840	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T020
A11	598.908	988.581	980.571	981.075	980.067	A119
Q12	662.937	933.060	925.053	925.557	924.549	Q118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	830.035	782.477	774.468	774.972	773.964	L114
T17	874.561	728.935	721.928	722.432	721.424	T113
N18	911.553	677.400	669.390	669.903	668.895	N112
I19	988.125	620.867	612.858	612.882	611.874	I111
Q20	1052.154	563.845	555.836	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	484.297	476.288	476.792	475.784	V10
L23	1193.709	414.763	406.754	407.258	406.250	L11
L24	1250.291	358.221	350.213	350.716	349.708	L10
P25	1288.817	301.679	293.670	294.174	293.166	P10
K26	1362.865	253.153	245.143	245.647	244.639	K10
K27	1426.912	189.105	181.096	181.600	180.592	K10
T28	1477.436	125.058	117.048	117.552	116.544	T10
E29	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

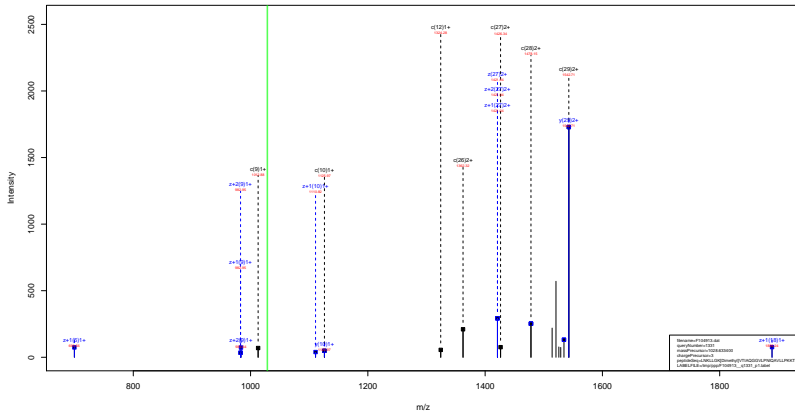
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=94.58
- ▶ F104913.dat
- ▶ query=q1328_p1
- ▶ precursor=771.726550
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.577	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	990.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.194	867.530	866.896	L[25]
Q[6]	239.487	834.839	829.499	829.835	829.199	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	795.790	790.450	790.786	789.114	V[22]
T[9]	338.234	776.767	771.427	771.763	771.091	T[21]
I[10]	375.920	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	699.380	694.050	694.386	693.714	A[19]
Q[12]	442.294	639.711	634.371	634.707	634.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	563.277	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.939	446.267	T[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.537	327.865	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.156	233.484	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.52
- ▶ F104913.dat
- ▶ query=q1331_p1
- ▶ precursor=1028.633400
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L129
N2	345.161	2970.808	2954.789	2955.797	2951.781	N28
K3	373.256	2856.795	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.586	2599.567	2600.575	2598.560	L25
Q6	694.445	2502.502	2486.483	2487.491	2485.475	Q24
K7	812.572	2445.480	2429.462	2430.469	2428.454	K23
V8	911.640	2389.354	2373.335	2374.343	2372.327	V22
T9	1013.688	2196.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1159.856	1976.154	1960.135	1961.143	1959.127	A19
Q12	1244.867	1909.117	1889.098	1890.106	1888.090	Q18
G13	1361.989	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.915	1646.897	1646.904	1645.889	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
P17	1748.116	1496.863	1484.844	1485.852	1483.836	P13
T18	1862.159	1393.810	1377.791	1378.799	1376.783	T12
I19	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.435	699.416	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.818	377.203	361.184	362.192	360.177	K3
T28	2951.895	249.108	233.089	234.097	232.082	T2
E29	3067.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=31.52
- ▶ F104913.dat
- ▶ query=q1331_p1
- ▶ precursor=1028.633400
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.936	L126
N12	123.054	1485.955	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1366.829	1357.331	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.849	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A111	588.938	988.581	980.571	981.075	980.067	A119
Q12	602.937	953.065	945.055	945.559	944.551	Q118
G133	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
F117	874.581	728.935	720.925	721.429	720.421	F113
N118	931.583	677.400	669.390	669.893	668.885	N112
I19	988.125	620.867	612.857	613.361	612.353	I111
Q120	1052.154	563.845	555.836	556.340	555.332	Q110
A121	1087.673	499.816	491.807	492.311	491.303	A10
V122	1127.207	484.297	476.288	476.792	475.784	V10
L123	1193.749	414.763	406.754	407.258	406.250	L11
L124	1250.291	358.221	350.212	350.716	349.708	L10
P125	1298.817	301.679	293.670	294.174	293.166	P10
K126	1362.865	253.153	245.143	245.647	244.639	K14
K127	1426.912	189.105	181.096	181.600	180.592	K13
T128	1477.436	125.058	117.048	117.552	116.544	T12
E129	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=106.94
- ▶ F104913.dat
- ▶ query=q1332_p1
- ▶ precursor=771.727060
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	2067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	3840.740	3841.754	3839.738	K[27]
L[4]	486.340	3728.670	2712.651	2713.659	3711.643	L[26]
L[5]	599.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	636.445	2302.502	2488.483	2487.491	2485.475	G[24]
K[7]	812.572	2645.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
T[10]	1125.772	2089.238	2073.219	2074.227	2072.211	T[20]
A[11]	1196.809	1076.154	1860.135	1961.143	1859.117	A[19]
Q[12]	1244.867	3006.111	1859.060	1890.108	1888.096	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1603.015	1648.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1748.116	1450.083	1434.064	1435.072	1433.056	T[13]
N[18]	1862.159	1353.010	1337.991	1338.999	1336.983	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.328	908.624	982.600	983.614	981.598	A[9]
V[22]	2273.407	827.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	628.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.080	234.087	232.082	T[2]
E[29]	3082.008	148.050	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=106.94
- ▶ F104913.dat
- ▶ query=q1332_p1
- ▶ precursor=771.727060
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.936	L126
N1	123.054	1485.905	1477.898	1478.402	1477.394	N20
K1	187.132	1428.889	1420.877	1421.381	1420.373	K27
L1	243.674	1364.839	1356.829	1357.333	1356.325	L26
L1	300.216	1308.297	1309.287	1309.791	1299.783	L25
G1	358.758	1251.755	1243.745	1244.249	1243.241	G24
K1	406.799	1223.244	1215.234	1215.738	1214.731	K23
V1	456.324	1145.181	1137.171	1137.675	1136.667	V22
T1	506.840	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	989.117	989.725	988.261	A19
G12	662.937	933.063	945.053	945.557	944.549	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	835.035	782.477	774.468	774.972	773.964	L14
T17	874.561	725.935	717.925	718.430	717.422	T13
N18	931.583	677.405	669.396	669.901	668.893	N12
I19	988.125	630.387	622.378	622.882	621.874	I11
Q20	1052.154	583.845	575.836	576.340	575.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.709	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L6
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

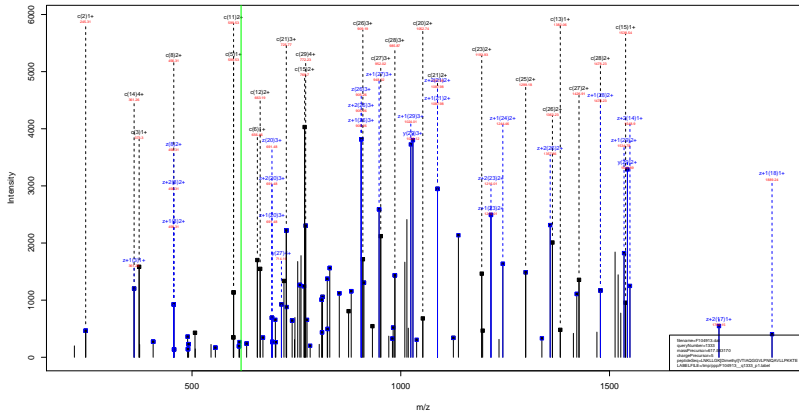
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=106.94
- ▶ F104913.dat
- ▶ query=q1332_p1
- ▶ precursor=771.727060
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1023.960	L[29]
N[2]	62.302	990.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.326	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.551	L[26]
L[5]	200.479	872.531	867.194	867.530	866.858	L[25]
G[6]	239.487	834.839	829.499	829.835	829.163	G[24]
K[7]	271.529	815.833	810.492	810.828	810.156	K[23]
V[8]	304.552	763.790	758.450	758.786	758.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	659.389	654.050	654.386	653.714	A[19]
Q[12]	442.294	626.710	621.371	621.707	621.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.131	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
P[17]	583.377	484.202	478.863	479.209	478.537	P[13]
N[18]	621.301	451.942	446.602	446.938	446.266	N[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.546	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.188	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.150	233.810	234.146	233.474	L[6]
T[25]	869.214	201.493	196.154	196.490	195.818	T[5]
K[26]	908.912	169.100	163.760	164.100	163.429	K[4]
K[27]	951.611	138.406	133.066	133.402	132.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=128.04
- ▶ F104913.dat
- ▶ query=q1333_p1
- ▶ precursor=617.583170
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[28]
N[2]	245.161	2970.808	2954.789	2938.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	836.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	912.572	2445.460	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.133	1961.141	1959.127	A[19]
Q[12]	1314.879	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.509	813.508	811.493	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.407	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.908	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=128.04
- ▶ F104913.dat
- ▶ query=q1333_p1
- ▶ precursor=617.583170
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L126
N12	123.054	1485.905	1477.898	1478.402	1477.304	N020
K13	187.132	1428.889	1420.877	1421.381	1420.373	K027
L14	263.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	328.228	1251.755	1243.745	1244.249	1243.241	G024
K17	406.789	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
F19	506.848	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T020
A11	598.908	988.581	980.571	981.075	980.067	A119
G12	602.837	953.062	945.053	945.557	944.549	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	838.035	782.477	774.468	774.972	773.964	L114
F17	874.561	725.935	717.926	718.430	717.422	F113
N18	931.583	677.405	669.399	669.903	668.895	N012
I19	988.125	620.887	612.878	612.882	611.874	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A11	1087.673	499.816	491.807	492.310	491.303	A10
V12	117.267	484.297	456.288	456.792	455.784	V10
L23	1193.749	414.763	406.754	407.258	406.250	L10
L24	1250.291	358.221	350.212	350.716	349.708	L10
P25	1298.817	301.678	293.670	294.174	293.166	P10
K16	1362.805	253.153	245.143	245.647	244.639	K14
K17	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.049	117.552	116.544	T12
E10	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=128.04
- ▶ F104913.dat
- ▶ query=q1333_p1
- ▶ precursor=617.583170
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1023.660	L29
N2	62.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.326	947.587	947.923	947.251	K27
L4	162.785	910.226	904.889	905.225	904.553	L26
L5	200.479	872.531	867.194	867.530	866.858	L25
G6	239.487	834.835	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	626.710	630.371	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.292	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.455	196.116	196.452	195.780	T5
K26	908.912	169.100	163.760	164.100	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

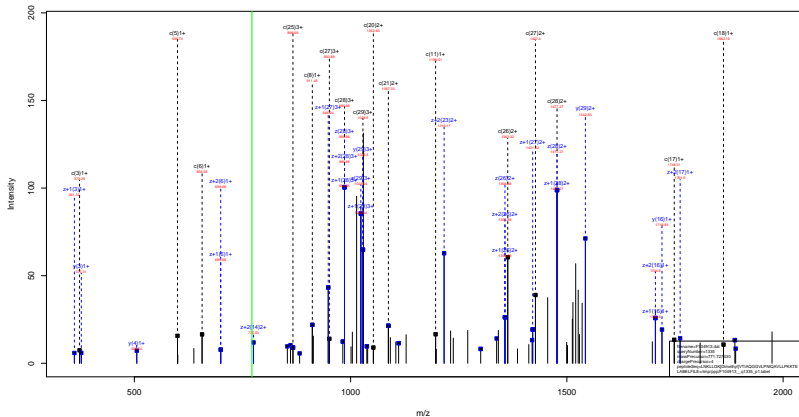
LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=128.04
- ▶ F104913.dat
- ▶ query=q1333_p1
- ▶ precursor=617.583170
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
L	1	33.535	771.728	767.724	0.750	767.412	L ₂₉
N	2	62.046	731.557	739.453	739.705	739.201	N ₂₆
K	3	94.059	714.947	720.942	711.194	710.690	K ₂₁
L	4	122.340	692.923	678.918	679.170	678.666	L ₂₆
L	5	150.611	654.652	650.647	650.899	650.395	L ₂₅
G	6	164.867	626.381	622.376	622.628	622.124	G ₂₄
K	7	203.898	612.126	608.121	608.373	607.869	K ₂₃
V	8	228.665	573.094	569.089	569.341	568.837	V ₂₂
T	9	253.927	548.327	544.322	544.574	544.070	T ₂₁
I	10	262.198	523.065	519.060	519.312	518.808	I ₂₀
A	11	289.958	494.794	490.789	491.041	490.537	A ₁₉
Q	12	311.972	477.026	473.020	473.272	472.768	Q ₁₈
G	13	346.728	445.020	441.015	441.267	440.763	G ₁₇
G	14	360.483	430.765	426.760	427.012	426.508	G ₁₆
V	15	385.250	416.509	412.504	412.757	412.253	V ₁₅
L	16	413.521	391.742	387.737	387.989	387.486	L ₁₄
P	17	437.784	363.471	359.466	359.718	359.215	P ₁₃
N	18	466.295	339.208	335.203	335.455	334.951	N ₁₂
I	19	494.566	310.897	306.891	307.143	306.641	I ₁₁
Q	20	525.381	282.426	278.421	278.673	278.170	Q ₁₆
A	21	544.340	250.412	246.407	246.659	246.155	A ₉
V	22	569.107	232.652	228.646	228.898	228.395	V ₈
L	23	597.378	207.885	203.881	204.132	203.629	L ₇
L	24	625.649	179.614	175.609	175.861	175.358	L ₆
P	25	649.912	151.343	147.338	147.590	147.087	P ₅
K	26	681.936	127.080	123.075	123.327	122.823	K ₄
K	27	713.960	95.056	91.052	91.304	90.800	K ₃
T	28	739.222	63.032	59.028	59.280	58.776	T ₂
E	29	771.482	37.771	33.766	34.018	33.514	E ₁

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.66
- ▶ F104913.dat
- ▶ query=q1335_p1
- ▶ precursor=771.727330
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.119	2083.892	3067.873	9.800	3066.865	L129
N2	245.151	2970.808	2954.789	2955.797	2953.781	N20
K3	373.256	3856.705	2840.746	2841.754	2839.738	K27
L4	489.340	2728.670	2712.653	2713.659	2711.643	L26
L5	599.424	2615.588	2599.567	2600.575	2598.559	L25
G6	658.465	2502.502	2486.483	2487.491	2485.475	G24
K7	812.512	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2289.954	2273.935	2274.943	2272.927	V22
F9	1012.688	2190.266	2174.267	2175.275	2173.259	F21
T10	1125.772	2099.239	2073.219	2074.227	2072.211	T20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.867	1895.111	1889.098	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V15	1537.979	1603.015	1646.997	1648.004	1645.989	V15
L16	1661.063	1563.947	1547.928	1548.936	1546.920	L14
F17	1748.116	1450.863	1434.844	1435.852	1433.836	F13
N18	1862.159	1353.810	1337.791	1338.799	1336.783	N12
I19	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q20	2183.301	1120.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A0
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2388.493	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.435	699.416	700.424	698.408	L6
P25	2596.628	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.819	377.203	361.184	362.192	360.177	K3
T28	2953.885	249.108	233.089	234.097	232.081	T2
E29	3062.968	148.050	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.66
- ▶ F104913.dat
- ▶ query=q1335_p1
- ▶ precursor=771.727330
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L120
N12	123.084	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.849	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T120
A11	608.908	988.581	980.571	981.075	980.067	A119
Q12	662.937	933.065	925.055	925.559	924.551	Q118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
F17	874.581	728.935	721.925	722.429	721.421	F113
N18	931.583	677.405	669.395	669.900	668.892	N112
I19	988.125	620.867	612.858	613.362	612.354	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A11	1087.673	499.816	491.807	492.311	491.303	A10
V12	1137.207	484.297	476.288	476.792	475.784	V10
L13	1193.749	414.763	406.754	407.258	406.250	L11
L14	1250.291	358.221	350.212	350.716	349.708	L10
P15	1298.817	301.679	293.670	294.174	293.166	P10
K16	1362.865	253.153	245.143	245.647	244.639	K14
K17	1426.912	189.105	181.096	181.600	180.592	K13
T18	1477.436	125.058	117.048	117.552	116.544	T12
E19	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

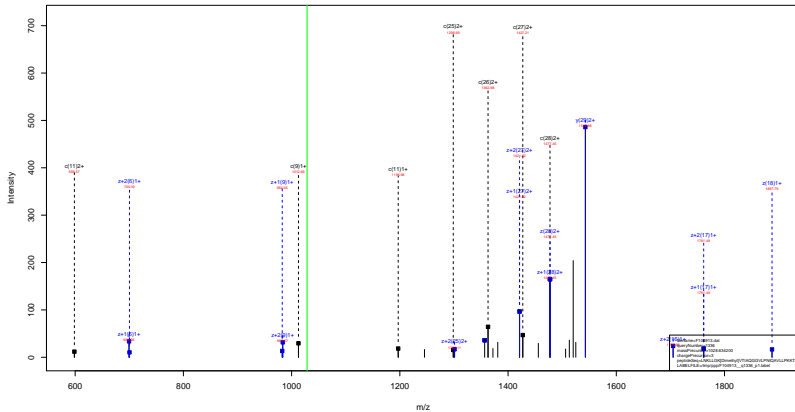
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=33.66
- ▶ F104913.dat
- ▶ query=q1335_p1
- ▶ precursor=771.727330
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.577	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	900.941	985.601	985.937	985.265	N[20]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.194	867.530	866.856	L[25]
Q[6]	239.207	834.839	827.459	829.839	829.163	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.154	K[23]
V[8]	304.552	785.700	788.450	788.786	788.114	V[22]
T[9]	338.234	736.767	725.427	725.763	725.091	T[21]
T[10]	375.920	697.084	691.745	692.081	691.409	T[20]
A[11]	399.608	659.380	654.050	654.386	653.714	A[19]
Q[12]	442.294	620.713	620.374	620.707	620.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	563.277	484.262	478.953	479.289	478.617	F[13]
T[18]	623.393	451.942	446.603	446.938	446.266	T[12]
T[19]	659.086	413.927	408.588	408.924	408.252	T[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.810	234.146	233.474	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.700	78.366	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.04
- ▶ F104913.dat
- ▶ query=q1336_p1
- ▶ precursor=1028.634200
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	2067.873	0.000	3066.865	L[20]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[20]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	699.489	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.461	2430.469	2428.454	K[23]
V[8]	911.640	2389.354	2373.335	2374.343	2372.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1314.897	1909.111	1893.092	1894.100	1888.076	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1603.015	1586.997	1588.004	1586.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1768.116	1450.863	1434.844	1435.852	1433.836	T[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	827.587	811.568	812.576	810.561	V[8]
L[23]	2389.491	628.519	612.500	613.508	611.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.050	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=28.04
- ▶ F104913.dat
- ▶ query=q1336_p1
- ▶ precursor=1028.634200
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L120
N1	123.054	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.889	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1356.829	1357.333	1356.325	L126
L1	300.216	1308.297	1300.287	1300.791	1299.783	L125
G1	358.750	1251.755	1243.745	1244.249	1243.241	G124
K1	406.790	1223.244	1215.234	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
T1	506.840	1095.646	1087.637	1088.141	1087.133	T121
T1	563.390	1045.123	1037.113	1037.617	1036.609	T20
A1	598.908	988.581	980.571	981.075	980.067	A119
Q1	662.937	933.065	925.055	925.559	924.551	Q118
G1	691.448	889.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.513	853.017	852.009	G116
V1	769.493	832.011	824.002	824.506	823.498	V115
L1	826.035	782.477	774.468	774.972	773.964	L114
T1	874.581	728.935	720.925	721.429	720.421	T113
N1	931.583	677.400	669.390	669.893	668.885	N112
I1	988.125	620.867	612.857	613.361	612.353	I111
Q1	1052.154	563.845	555.836	556.340	555.332	Q110
A1	1087.673	499.816	491.807	492.311	491.303	A10
V1	1137.207	484.297	476.288	476.792	475.784	V10
L1	1193.769	414.763	406.754	407.258	406.250	L11
L1	1250.291	358.221	350.212	350.716	349.708	L10
P1	1298.817	301.679	293.670	294.174	293.166	P10
K1	1362.865	253.153	245.143	245.647	244.639	K10
K1	1426.912	189.105	181.096	181.600	180.592	K10
T1	1477.436	125.058	117.048	117.552	116.544	T10
E1	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.99
- ▶ F104913.dat
- ▶ query=q1337_p1
- ▶ precursor=617.583540
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2938.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	999.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	636.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.460	2429.442	2430.449	2428.434	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.869	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1865.111	1849.098	1850.106	1848.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1748.116	1490.883	1474.864	1475.872	1473.856	T[13]
N[18]	1862.159	1363.810	1347.791	1348.799	1346.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	811.508	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.99
- ▶ F104913.dat
- ▶ query=q1337_p1
- ▶ precursor=617.583540
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.304	N20
K13	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.759	1251.795	1243.745	1244.249	1243.241	G24
K17	406.790	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
F19	506.640	1095.646	1087.637	1088.141	1087.133	F121
T10	563.590	1045.123	1037.113	1037.617	1036.609	T20
A11	595.909	988.581	980.571	981.075	980.067	A19
Q12	662.837	933.062	925.053	925.557	924.549	Q18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.035	782.477	774.468	774.972	773.964	L14
F17	874.561	725.935	717.925	718.429	717.421	F13
N18	931.553	677.420	669.399	669.903	668.895	N12
I19	988.125	630.387	622.378	622.882	621.874	I11
Q20	1052.154	583.845	575.836	576.340	575.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1127.207	484.297	456.288	456.792	455.784	V8
L23	1193.749	414.763	406.753	407.257	406.250	L17
L24	1250.291	358.221	350.213	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.895	253.153	245.143	245.647	244.639	K14
K27	1426.912	199.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.99
- ▶ F104913.dat
- ▶ query=q1337_p1
- ▶ precursor=617.583540
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		1022.960	L 29
N 2	62.392	990.941	985.601	985.937	985.265	N 28
K 3	125.090	952.026	947.587	947.923	947.251	K 27
L 4	162.795	910.229	904.889	905.225	904.553	L 26
L 5	200.479	872.523	867.184	867.520	866.793	L 25
G 6	219.487	834.839	829.499	829.835	829.163	G 24
K 7	271.529	815.852	810.492	810.828	810.156	K 23
V 8	304.552	763.790	758.450	758.786	758.114	V 22
T 9	336.234	730.707	725.427	725.763	725.091	T 21
I 10	375.929	697.084	691.745	692.081	691.409	I 20
A 11	399.608	659.389	654.050	654.386	653.714	A 19
Q 12	442.294	636.720	630.371	630.707	630.035	Q 18
G 13	461.301	593.024	587.685	588.021	587.349	G 17
G 14	480.308	574.017	568.678	569.013	568.342	G 16
V 15	513.331	555.010	549.670	550.006	549.334	V 15
L 16	551.026	521.987	516.648	516.984	516.312	L 14
F 17	583.377	484.292	478.953	479.289	478.617	F 13
Tu 18	621.391	451.942	446.603	446.939	446.267	Tu 12
I 19	659.086	413.927	408.588	408.924	408.252	I 11
Q 20	701.772	376.233	370.893	371.229	370.557	Q 10
A 21	725.451	333.546	328.207	328.543	327.871	A 9
V 22	758.474	309.867	304.528	304.864	304.192	V 8
L 23	796.168	276.844	271.505	271.841	271.169	L 7
L 24	833.863	239.350	233.991	234.326	233.654	L 6
P 25	895.214	201.625	196.286	196.621	195.949	P 5
K 26	908.912	169.104	163.765	164.101	163.429	K 4
K 27	951.611	126.406	121.066	121.402	120.730	K 3
T 28	995.293	83.708	78.368	78.704	78.032	T 2
E 29	1028.307	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

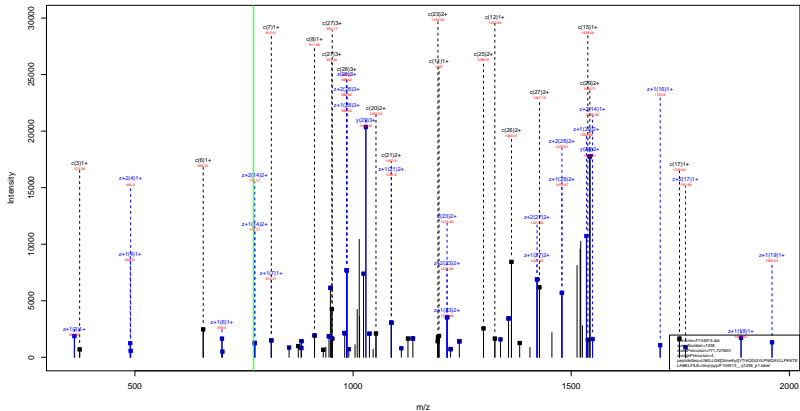
LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=42.99
- ▶ F104913.dat
- ▶ query=q1337.p1
- ▶ precursor=617.583540
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	53.535	771.728	767.724	0.755	767.472	L[29]
N[2]	62.046	743.457	739.453	739.705	739.201	N[28]
K[3]	94.069	714.947	710.942	711.194	710.690	K[27]
L[4]	122.340	682.923	678.918	679.170	678.666	L[26]
L[5]	150.611	654.652	650.647	650.899	650.395	L[25]
G[6]	194.867	626.381	622.376	622.628	622.124	G[24]
K[7]	203.898	612.126	608.121	608.373	607.869	K[23]
V[8]	228.665	573.094	569.089	569.341	568.837	V[22]
T[9]	253.927	548.327	544.322	544.574	544.070	T[21]
I[10]	282.198	523.065	519.060	519.312	518.808	I[20]
A[11]	299.958	498.798	494.793	495.045	494.541	A[19]
Q[12]	331.972	477.035	473.030	473.282	472.778	Q[18]
G[13]	346.238	445.020	441.015	441.267	440.763	G[17]
G[14]	360.483	430.765	426.760	427.012	426.508	G[16]
V[15]	385.250	416.509	412.504	412.757	412.253	V[15]
L[16]	413.521	391.742	387.737	387.989	387.486	L[14]
P[17]	437.784	363.471	359.466	359.718	359.215	P[13]
N[18]	466.295	339.208	335.203	335.455	334.951	N[12]
I[19]	494.566	310.697	306.693	306.945	306.441	I[11]
Q[20]	526.581	282.426	278.422	278.673	278.170	Q[10]
A[21]	544.340	250.412	246.407	246.659	246.155	A[9]
V[22]	589.107	232.652	228.648	228.900	228.396	V[8]
L[23]	597.378	207.885	203.881	204.132	203.629	L[7]
L[24]	625.549	179.614	175.609	175.861	175.358	L[6]
P[25]	649.912	151.343	147.338	147.590	147.087	P[5]
K[26]	681.936	127.080	123.075	123.327	122.823	K[4]
K[27]	713.960	95.056	91.052	91.304	90.800	K[3]
T[28]	739.222	63.032	59.028	59.280	58.776	T[2]
E[29]	771.482	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=97.43
- ▶ F104913.dat
- ▶ query=q1338_p1
- ▶ precursor=771.727650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	607.424	2613.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2488.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1978.154	1966.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1905.111	1893.098	1893.106	1891.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.864	1435.872	1433.856	P[13]
T[18]	1862.159	1383.810	1337.791	1338.799	1336.783	T[12]
I[19]	1975.243	1238.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.576	715.435	693.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.905	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=97.43
- ▶ F104913.dat
- ▶ query=q1338_p1
- ▶ precursor=771.727650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	9.504	1533.930	L120
N1	123.084	1485.905	1477.898	1478.402	1477.304	N20
K1	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1309.287	1309.791	1309.781	L25
G16	358.759	1251.795	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
T19	506.840	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	608.909	998.581	990.571	991.075	990.067	A19
G12	662.937	953.060	945.053	945.557	944.549	G18
G13	691.448	899.033	891.023	891.527	890.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	820.035	782.477	774.468	774.972	773.964	L14
T17	874.561	728.935	721.925	722.429	721.421	T15
N18	931.583	677.400	669.390	669.903	668.895	N12
I19	988.125	620.867	612.858	612.862	611.874	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1137.207	494.297	486.288	486.792	485.784	V8
L23	1193.749	434.763	426.754	427.258	426.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.805	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.438	125.058	117.049	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=97.43
- ▶ F104913.dat
- ▶ query=q1338_p1
- ▶ precursor=771.727650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.660	L[29]
N[2]	62.302	990.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.561	L[26]
L[5]	200.479	872.531	867.194	867.530	866.858	L[25]
G[6]	239.487	834.835	829.499	829.835	829.163	G[24]
K[7]	271.529	815.833	810.492	810.828	810.156	K[23]
V[8]	304.552	783.790	778.450	778.786	778.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	389.608	699.389	654.050	654.386	653.714	A[19]
Q[12]	442.294	636.710	630.371	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
P[17]	583.377	484.202	478.863	479.200	478.527	P[13]
N[18]	621.391	451.942	446.602	446.938	446.266	N[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.546	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.150	233.810	234.146	233.474	L[6]
T[25]	869.214	201.493	196.154	196.490	195.818	T[5]
K[26]	908.912	169.100	163.760	164.100	163.429	K[4]
K[27]	951.611	138.406	133.066	133.402	132.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.90
- ▶ F104913.dat
- ▶ query=q1339_p1
- ▶ precursor=1028.634600
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3087.873	0.000	3066.895	L129
N2	345.161	2970.808	2954.789	2955.797	2951.781	N28
K3	373.256	2856.795	2860.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.586	2599.567	2600.575	2598.560	L25
Q6	694.485	2502.500	2486.483	2487.491	2485.475	Q24
K7	812.572	2445.480	2429.462	2430.469	2428.454	K23
V8	911.640	2289.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2190.266	2174.267	2175.275	2173.260	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.869	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.857	1869.117	1869.088	1890.106	1868.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V15	1537.879	1663.015	1646.997	1646.004	1645.989	V15
L16	1651.063	1561.947	1547.928	1548.936	1546.920	L14
P17	1748.116	1450.863	1434.844	1435.852	1433.836	P13
T18	1852.150	1393.810	1377.791	1378.799	1376.783	T12
I19	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.566	813.580	811.492	L7
L24	2499.575	715.439	699.419	700.424	698.405	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.266	489.249	490.267	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2953.895	249.108	233.089	234.097	232.082	T2
E29	3082.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

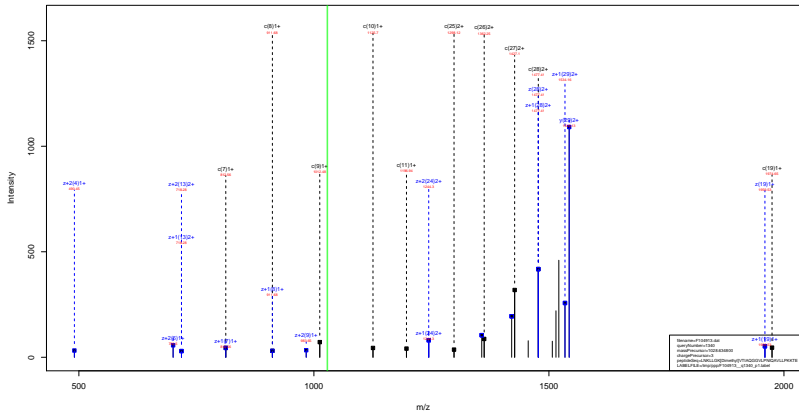
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.90
- ▶ F104913.dat
- ▶ query=q1339_p1
- ▶ precursor=1028.634600
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.936	L128
N12	123.054	1485.905	1477.898	1478.402	1477.394	N08
K13	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.759	1251.755	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
T19	506.849	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A19
G12	662.937	953.065	945.055	945.559	944.551	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.512	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.035	782.477	774.468	774.972	773.964	L14
T17	874.581	728.935	720.925	721.429	720.421	T13
N18	931.583	677.405	669.395	669.900	668.892	N12
I19	988.125	620.867	612.857	613.362	612.354	I11
Q20	1052.154	563.845	555.835	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.311	491.303	A0
V22	1127.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.753	407.257	406.250	L17
L24	1250.291	358.221	350.211	350.715	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.095	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.59
- ▶ F104913.dat
- ▶ query=q1340_p1
- ▶ precursor=1028.634800
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L29
N2	345.161	2970.808	2954.789	2955.797	2951.781	N38
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.585	2599.567	2600.575	2598.560	L25
Q6	694.445	2502.502	2486.483	2487.491	2485.475	Q24
K7	812.572	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2288.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1314.857	1905.111	1889.092	1890.100	1888.084	Q18
G13	1381.589	1777.055	1761.036	1762.044	1760.028	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.015	1646.997	1648.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
P17	1748.116	1450.893	1434.874	1435.882	1433.866	P13
T18	1852.159	1353.810	1337.791	1338.799	1336.783	T12
I19	1975.243	1236.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.336	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.435	699.415	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2953.895	249.108	233.089	234.097	232.082	T2
E29	3082.968	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.59
- ▶ F104913.dat
- ▶ query=q1340_p1
- ▶ precursor=1028.634800
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	56.053	1542.450	1534.440	9.504	1533.936	L128
N12	123.054	1485.905	1477.898	1478.402	1477.394	N20
K13	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.759	1251.755	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
F19	506.849	1095.646	1087.637	1088.141	1087.133	F21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	588.908	988.581	980.571	981.075	980.067	A19
Q12	602.937	953.065	945.055	945.559	944.551	Q18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.512	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.035	782.477	774.468	774.972	773.964	L14
F17	874.581	728.935	717.926	718.430	717.422	F13
N18	931.583	677.400	669.390	669.893	668.885	N12
I19	988.125	620.867	612.858	613.362	612.354	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.311	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L6
P25	1288.817	301.679	293.670	294.174	293.166	P5
K26	1367.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.049	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.18
- ▶ F104913.dat
- ▶ query=q1341_p1
- ▶ precursor=771.728390
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	401.297	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	514.371	2700.639	2684.620	2685.628	2683.612	L[26]
L[5]	627.456	2587.595	2571.576	2572.584	2570.568	L[25]
Q[6]	694.577	2474.470	2458.451	2459.460	2457.444	Q[24]
K[7]	812.572	2317.440	2301.420	2302.428	2300.412	K[23]
V[8]	911.640	2208.354	2192.335	2193.343	2191.327	V[22]
T[9]	1012.688	2100.268	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.869	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.957	1905.111	1889.092	1890.100	1888.084	Q[18]
G[13]	1381.589	1777.055	1761.036	1762.044	1760.028	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.874	1435.882	1433.866	P[13]
T[18]	1892.159	1383.810	1337.791	1338.799	1336.783	T[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	983.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.576	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2951.905	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=28.18
- ▶ F104913.dat
- ▶ query=q1341_p1
- ▶ precursor=771.728390
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1542.450	1534.440	0.504	1533.936	L[26]
N[2]	123.084	1485.908	1477.898	1478.402	1477.304	N[28]
K[3]	201.147	1438.886	1430.877	1421.381	1420.371	K[27]
L[4]	257.689	1350.823	1342.814	1343.317	1342.310	L[26]
L[5]	314.231	1294.281	1286.272	1286.775	1285.768	L[25]
G[6]	342.742	1237.798	1229.789	1230.293	1229.286	G[24]
K[7]	406.789	1209.228	1201.219	1201.723	1200.715	K[23]
V[8]	456.324	1148.181	1137.171	1137.675	1136.667	V[22]
T[9]	506.846	1095.646	1087.637	1088.141	1087.133	T[21]
I[10]	503.390	1045.123	1037.113	1037.617	1036.609	I[20]
A[11]	558.908	998.581	990.571	981.075	980.067	A[19]
Q[12]	602.937	953.066	945.053	945.557	944.549	Q[18]
G[13]	691.448	899.033	881.023	881.527	880.519	G[17]
G[14]	719.959	860.522	852.513	853.017	852.009	G[16]
V[15]	769.493	832.011	824.002	824.506	823.498	V[15]
L[16]	826.035	782.477	774.468	774.972	773.964	L[14]
T[17]	874.561	725.935	717.926	718.430	717.422	T[13]
N[18]	931.583	671.409	663.399	663.903	662.895	N[12]
I[19]	988.125	626.867	618.858	619.362	618.354	I[11]
Q[20]	1052.154	563.945	555.936	556.440	555.432	Q[10]
A[21]	1087.673	499.616	491.607	492.110	491.102	A[9]
V[22]	1137.207	464.297	456.288	456.792	455.784	V[8]
L[23]	1193.749	414.763	406.754	407.258	406.250	L[17]
L[24]	1250.291	358.221	350.211	350.716	349.708	L[6]
P[25]	1298.817	301.679	293.670	294.174	293.166	P[5]
K[26]	1362.865	253.153	245.143	245.647	244.639	K[4]
K[27]	1426.912	189.105	181.096	181.600	180.592	K[3]
T[28]	1477.436	125.058	117.048	117.552	116.544	T[2]
E[29]	1541.958	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

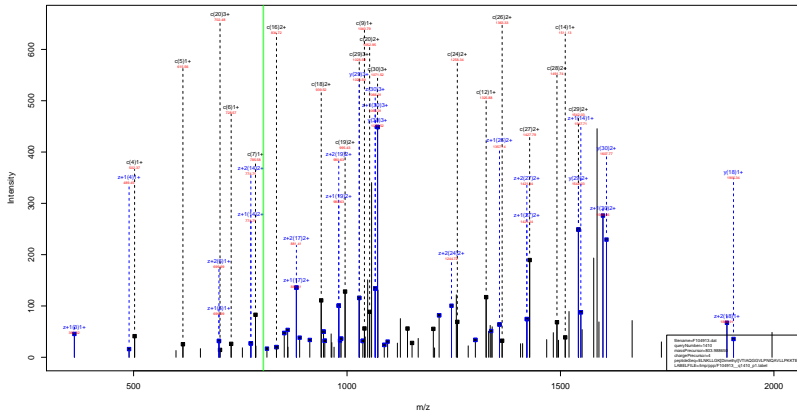
LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=28.18
- ▶ F104913.dat
- ▶ query=q1341_p1
- ▶ precursor=771.728390
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	62.392	990.941	985.601	985.937	985.265	N[28]
K[3]	134.434	952.926	947.587	947.923	947.251	K[27]
L[4]	172.129	900.884	895.545	895.861	895.209	L[26]
L[5]	209.823	863.395	857.859	858.188	857.514	L[25]
G[6]	228.830	825.695	820.155	820.493	819.819	G[24]
K[7]	271.529	806.488	801.148	801.484	800.812	K[23]
V[8]	304.552	763.790	758.450	758.786	758.114	V[22]
T[9]	336.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	659.389	654.050	654.386	653.714	A[19]
Q[12]	442.294	636.720	630.371	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	583.377	484.292	478.953	479.289	478.617	F[13]
Tu[18]	621.391	451.942	446.603	446.938	446.266	Tu[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.213	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.546	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.350	233.810	234.146	233.474	L[6]
P[25]	866.214	201.655	196.116	196.451	195.780	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl} VTIAGGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.59
- ▶ F104913.dat
- ▶ query=q1410_p1
- ▶ precursor=803.988650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E 1	147.076	3211.934	3196.918	0.000	3195.908	E 30
L 2	260.100	3083.962	3067.913	0.000	3066.905	L 29
N 3	374.203	2970.808	2954.799	2955.707	2953.781	N 28
K 4	502.298	2856.705	2840.748	2841.754	2839.730	K 27
L 5	615.382	2728.670	2712.651	2713.659	2711.641	L 26
L 6	728.466	2615.586	2599.587	2600.575	2598.559	L 25
G 7	785.488	2502.502	2486.483	2487.491	2485.475	G 24
K 8	981.614	2345.480	2329.462	2330.469	2328.454	K 23
V 9	1040.663	2239.354	2223.335	2224.343	2222.327	V 22
T 10	1141.730	2160.286	2144.267	2145.275	2143.259	T 21
I 11	1244.516	2089.235	2073.219	2074.227	2072.211	I 20
A 12	1325.851	1976.154	1960.135	1961.143	1959.127	A 19
Q 13	1453.910	1905.117	1889.099	1890.106	1888.090	Q 18
G 14	1510.932	1777.058	1761.039	1762.047	1760.032	G 17
C 15	1587.953	1720.937	1704.918	1705.926	1703.910	C 16
V 16	1687.024	1663.915	1647.897	1648.904	1646.889	V 15
L 17	1780.105	1563.047	1547.928	1548.936	1546.920	L 14
P 18	1877.150	1450.863	1434.844	1435.852	1433.836	P 13
N 19	1991.201	1353.010	1337.791	1338.799	1336.783	N 12
I 20	2104.265	1239.787	1223.768	1224.776	1222.761	I 11
Q 21	2232.344	1126.683	1110.664	1111.672	1109.656	Q 10
A 22	2303.351	998.624	982.606	983.614	981.598	A 9
V 23	2402.449	927.587	911.569	912.576	910.561	V 8
L 24	2515.513	828.519	812.500	813.508	811.492	L 7
L 25	2628.617	715.435	699.416	700.424	698.408	L 6
T 26	2725.670	602.382	586.363	587.370	585.354	T 5
K 27	2853.765	505.295	489.279	490.287	488.271	K 4
K 28	2981.860	377.263	361.184	362.192	360.177	K 3
T 29	3082.908	249.108	233.089	234.097	232.082	T 2
E 30	3211.950	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.59
- ▶ F104913.dat
- ▶ query=q1410_p1
- ▶ precursor=803.988650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E 1	74.042	1606.971	1598.962	0.504	459.456	E 30
L 2	130.504	1542.450	1534.440	0.504	433.930	L 29
N 3	187.605	1485.908	1477.898	1478.402	1477.394	N 28
K 4	251.653	1428.889	1420.877	1421.381	1420.371	K 27
L 5	308.195	1364.830	1356.820	1357.323	1356.313	L 26
L 6	364.737	1308.297	1300.287	1300.791	1299.781	L 25
G 7	381.240	1251.735	1243.745	1244.249	1243.241	G 24
K 8	471.311	1223.244	1215.234	1215.738	1214.731	K 23
V 9	520.845	1146.588	1137.713	1137.678	1136.667	V 22
T 10	573.389	1095.646	1087.637	1088.343	1087.133	T 21
I 11	627.911	1038.152	1037.113	1037.617	1036.609	I 20
A 12	683.429	988.581	980.571	981.075	980.067	A 19
Q 13	727.459	933.062	945.053	945.557	944.549	Q 18
G 14	755.969	889.033	881.023	881.527	880.519	G 17
C 15	794.488	860.522	852.513	853.017	852.009	C 16
V 16	834.014	803.011	804.002	804.506	803.498	V 15
L 17	890.556	782.477	774.468	774.972	773.964	L 14
F 18	939.083	725.935	717.926	718.430	717.421	F 13
N 19	996.104	677.409	669.399	669.903	668.895	N 12
I 20	1052.646	620.387	612.378	612.882	611.874	I 11
Q 21	1118.678	563.848	565.838	566.342	565.334	Q 10
A 22	1152.194	499.816	491.807	492.310	491.302	A 9
V 23	1201.728	464.297	456.288	456.792	455.784	V 8
L 24	1258.270	414.763	406.754	407.258	406.250	L 7
L 25	1314.812	358.221	350.212	350.716	349.708	L 6
T 26	1363.339	301.879	293.870	294.374	293.366	T 5
K 27	1427.386	253.157	245.147	245.647	244.639	K 4
K 28	1491.434	189.105	181.096	181.600	180.592	K 3
T 29	1541.958	125.058	117.048	117.552	116.544	T 2
E 30	1606.479	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=66.59
- ▶ F104913.dat
- ▶ query=q1410_p1
- ▶ precursor=803.988650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
E	1	49.697	1071.050	1066.310	0.672	1065.974	E[30]
L	2	87.392	1028.635	1023.295	0.672	1022.960	L[29]
K	3	125.406	990.941	985.601	985.937	985.265	K[28]
R	4	168.104	952.926	947.587	947.923	947.251	R[27]
L	5	205.799	910.228	904.889	905.252	904.582	L[26]
L	6	243.494	872.531	867.194	867.530	866.858	L[25]
G	7	282.501	834.839	829.499	829.835	829.161	G[24]
K	8	314.543	815.832	810.492	810.828	810.156	K[23]
V	9	347.566	783.790	778.450	778.786	778.114	V[22]
V	10	381.248	750.767	745.427	745.763	745.091	V[21]
I	11	418.943	697.084	691.745	692.081	691.409	I[20]
A	12	442.622	659.389	654.050	654.386	653.714	A[19]
Q	13	485.308	635.710	630.371	630.707	630.035	Q[18]
G	14	504.315	593.024	587.685	588.021	587.349	G[17]
G	15	523.123	574.017	568.678	569.013	568.342	G[16]
V	16	556.345	559.011	549.670	550.006	549.334	V[15]
L	17	594.040	521.987	516.648	516.984	516.312	L[14]
P	18	626.891	484.202	478.963	479.299	478.617	P[13]
N	19	664.405	451.947	446.602	446.938	446.266	N[12]
I	20	702.100	413.927	408.588	408.924	408.252	I[11]
Q	21	744.786	376.213	370.893	371.229	370.557	Q[10]
A	22	788.465	333.546	328.207	328.543	327.871	A[9]
V	23	801.488	309.967	304.628	304.964	304.292	V[8]
L	24	839.183	276.844	271.505	271.841	271.169	L[7]
L	25	876.877	239.150	233.810	234.146	233.474	L[6]
P	26	909.228	201.455	196.116	196.451	195.780	P[5]
K	27	951.627	169.104	163.765	164.101	163.429	K[4]
K	28	994.026	129.409	124.069	124.405	123.733	K[3]
I	29	1028.307	83.708	78.368	78.704	78.032	I[2]
E	30	1071.322	50.025	44.685	45.021	44.349	E[1]

sp | P70696 | H2B1A_MOUSE

ASRLAHYNKRSTITS^{Phospho} RE
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.28
- ▶ F104914.dat
- ▶ query=q1696_p1
- ▶ precursor=518.264020
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
A[1]	59.071	2010.024	2054.085	0.000	2052.997	A[17]
S[2]	179.373	1398.987	1462.969	0.000	1391.966	S[16]
R[3]	332.204	1311.955	1395.936	1896.944	1394.928	R[15]
L[4]	445.288	1755.854	1739.835	1740.843	1738.827	L[14]
A[5]	516.325	1642.770	1626.751	1627.759	1625.747	A[13]
H[6]	653.384	1571.733	1555.714	1556.722	1554.706	H[12]
V[7]	816.447	1434.614	1418.655	1419.663	1417.647	V[11]
W[8]	938.490	1377.610	1255.592	1256.599	1254.586	W[10]
K[9]	1058.585	1157.587	1141.569	1142.557	1140.541	K[9]
R[10]	1214.686	1029.472	1013.454	1014.462	1012.446	R[8]
S[11]	1301.719	873.371	857.353	858.360	856.345	S[7]
T[12]	1402.764	736.139	770.321	771.328	769.313	T[6]
L[13]	1515.850	685.292	669.273	670.281	668.265	L[5]
T[14]	1616.898	572.208	556.189	557.197	555.181	T[4]
S[15]	1783.896	471.152	455.141	456.149	454.133	S[3]
R[16]	1939.997	304.162	288.143	289.151	287.135	R[2]
E[17]	2069.040	148.060	132.042	133.050	131.034	E[1]

sp | P70696 | H2B1A_MOUSE

ASRLAHYNKRSTITS^{Phospho} RE
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.28
- ▶ F104914.dat
- ▶ query=q1696.p1
- ▶ precursor=518.264020
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
A[1]	45.039	1035.516	1027.506	0.504	1027.002	A[17]
S[2]	48.555	992.927	991.588	1.954	993.481	S[16]
R[3]	166.606	956.481	948.472	948.976	947.968	R[15]
L[4]	223.148	878.431	870.421	870.925	869.917	L[14]
A[5]	258.666	823.868	813.879	814.383	813.375	A[13]
H[6]	327.196	786.370	778.361	778.864	777.857	H[12]
V[7]	406.427	717.860	709.851	710.355	709.347	V[11]
W[8]	465.749	638.309	628.299	628.803	627.796	W[10]
K[9]	529.796	579.257	571.278	571.782	570.774	K[9]
R[10]	607.847	515.240	507.231	507.734	506.727	R[8]
S[11]	651.363	457.189	449.180	449.684	448.678	S[7]
T[12]	701.887	393.673	385.664	386.168	385.160	T[0]
I[13]	758.429	343.169	335.160	335.664	334.656	I[9]
T[14]	808.553	286.567	278.558	279.062	278.556	T[4]
S[15]	892.452	236.054	228.044	228.548	227.540	S[3]
R[16]	970.502	182.584	174.575	175.079	174.071	R[2]
E[17]	1035.024	74.534	66.524	67.028	66.021	E[1]

sp | P70696 | H2B1A_MOUSE

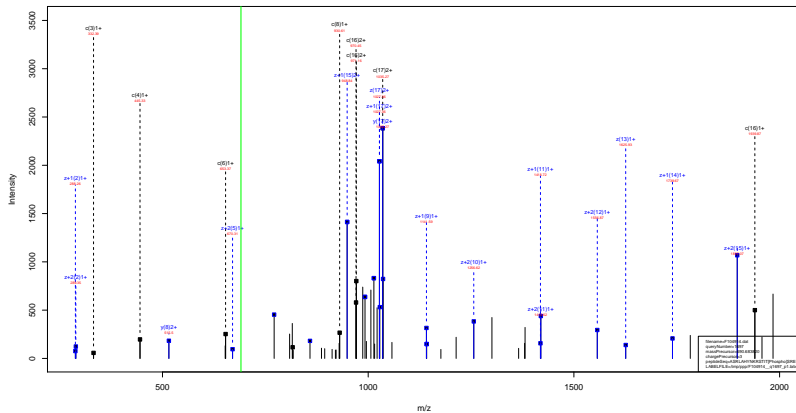
ASRLAHYNKRSTITS ^{Phospho} RE
79.97

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.28
- ▶ F104914.dat
- ▶ query=q1696.p1
- ▶ precursor=518.264020
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
A[1]	50.582	690.680	685.340	0.672	685.004	A[17]
S[2]	59.373	667.000	661.661	0.672	661.325	S[16]
R[3]	111.406	637.990	632.650	632.906	632.314	R[15]
L[4]	149.101	585.956	580.617	580.952	580.281	L[14]
A[5]	172.780	548.261	542.922	543.258	542.586	A[13]
H[6]	218.466	524.582	519.243	519.579	518.907	H[12]
Y[7]	222.821	478.996	473.657	473.992	473.221	Y[11]
N[8]	310.835	424.542	419.203	419.538	418.866	N[10]
K[9]	353.533	386.527	381.188	381.524	380.852	K[9]
R[10]	405.567	343.829	338.489	338.825	338.153	R[8]
S[11]	434.578	291.795	286.456	286.792	286.120	S[7]
T[12]	468.260	262.785	257.445	257.781	257.109	T[6]
L[13]	505.955	229.102	223.762	224.098	223.427	L[5]
T[14]	539.637	191.407	186.068	186.404	185.732	T[4]
S[15]	595.304	157.725	152.385	152.721	152.049	S[3]
R[16]	647.337	102.099	96.719	97.055	96.383	R[2]
E[17]	690.352	50.029	44.685	45.021	44.349	E[1]

sp | P70696 | H2B1A_MOUSE

ASRLAHYNKRSTIT (Phospho) SRE
(79.97)



sp | P70696 | H2B1A_MOUSE

ASRLAHYNKRSTIT (Phospho) SRE
(79.97)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=74.57
- ▶ F104914.dat
- ▶ query=q1697.p1
- ▶ precursor=690.683820
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
A	1	89.071	2070.024	2054.005	0.000	3052.997	A[17]
S	2	178.103	1090.007	1082.990	0.000	1301.960	S[16]
R	3	312.204	3911.955	1895.930	1896.944	1994.920	R[15]
L	4	445.288	1755.934	1739.835	1740.843	1738.827	L[14]
A	5	516.325	1042.770	1626.751	1627.759	1625.743	A[13]
H	6	653.384	1571.733	1355.714	1556.722	1554.706	H[12]
Y	7	816.447	1434.674	1418.655	1419.663	1417.647	Y[11]
T	8	930.490	1271.610	1275.595	1258.599	1254.585	T[10]
K	9	1095.955	1157.857	1141.540	1142.557	1140.541	K[9]
R	10	1214.686	1029.472	1011.454	1014.462	1012.446	R[8]
S	11	1301.719	873.371	857.353	858.360	856.345	S[7]
T	12	1402.766	706.339	770.321	771.328	769.313	T[6]
I	13	1515.850	685.292	669.273	670.281	668.265	I[5]
V	14	1698.834	572.208	556.189	557.197	555.181	V[4]
S	15	1783.806	391.184	375.170	376.183	374.167	S[3]
R	16	1930.997	304.162	288.143	289.151	287.135	R[2]
E	17	2069.040	148.060	132.042	133.050	131.034	E[1]

sp | P70696 | H2B1A_MOUSE

ASRLAHYNKRSTIT (Phospho) SRE
(79.97)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=74.57
- ▶ F104914.dat
- ▶ query=q1697_p1
- ▶ precursor=690.683820
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
A	1	45.039	1035.516	1027.506	0.504	1027.002	A ¹⁷
S	2	68.255	799.997	991.988	0.504	991.484	S ¹⁶
R	3	169.608	956.481	948.472	948.976	241.966	R ¹⁵
L	4	223.148	878.431	870.421	870.925	869.915	L ¹⁴
A	5	258.666	821.888	813.879	814.383	813.375	A ¹³
H	6	327.196	786.370	778.361	778.864	777.857	H ¹²
V	7	408.727	717.840	709.831	710.335	709.327	V ¹¹
T	8	465.240	636.300	628.290	628.793	627.786	T ¹⁰
K	9	529.796	579.267	571.258	571.762	570.754	K ⁹
R	10	607.847	515.240	507.231	507.734	506.727	R ⁸
S	11	651.363	437.189	429.180	429.684	428.676	S ⁷
T	12	701.897	393.673	385.664	386.168	385.160	T ⁶
I	13	758.420	343.149	335.140	335.644	334.636	I ⁵
T	14	868.036	286.607	278.598	279.102	278.094	T ⁴
S	15	892.452	196.100	188.091	188.595	187.587	S ³
R	16	970.502	152.584	144.575	145.079	144.071	R ²
E	17	1035.024	74.534	66.524	67.028	66.021	E ¹

tr | Q80ZM5 | Q80ZM5_MOUSE

RRGASAASS^{Phospho}PAPKARTAAADRTPARPQPE
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.55
- ▶ F104914.dat
- ▶ query=q2651_p1
- ▶ precursor=756.890640
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R 1	174.135	3024.524	3038.505	3050.513	3007.491	R 29
R 2	330.236	2968.422	2952.404	2953.412	2951.398	R 28
G 3	387.258	2712.321	2696.303	2697.310	2695.295	G 27
A 4	458.295	2655.300	2639.281	2640.289	2638.273	A 26
S 5	545.327	2594.262	2568.244	2569.252	2567.236	S 25
A 6	616.354	2597.231	2481.213	2482.220	2480.204	A 24
A 7	687.401	2626.194	2410.175	2411.183	2409.167	A 23
S 8	774.433	2355.156	2339.138	2340.146	2338.130	S 22
S 9	941.431	2268.124	2252.106	2253.114	2251.099	S 21
P 10	1038.484	2101.126	2085.107	2086.115	2084.100	P 20
A 11	1109.521	2034.072	1988.055	1989.062	1987.047	A 19
P 12	1206.574	1933.036	1917.018	1918.026	1916.010	P 18
K 13	1334.669	1835.983	1819.965	1820.973	1818.957	K 17
A 14	1405.708	1707.889	1691.870	1692.878	1690.862	A 16
R 15	1561.807	1636.951	1620.933	1621.940	1619.925	R 15
T 16	1662.855	1480.750	1464.732	1465.739	1463.724	T 14
A 17	1733.892	1478.703	1363.684	1364.692	1362.676	A 13
A 18	1894.929	1308.669	1292.647	1293.655	1291.639	A 12
A 19	1875.968	1237.625	1221.610	1222.617	1220.602	A 11
D 20	1990.993	1166.591	1150.573	1151.580	1149.565	D 10
R 21	2147.094	1051.564	1035.546	1036.553	1034.538	R 9
T 22	2248.142	895.463	879.444	880.452	878.437	T 8
P 23	2345.195	794.416	778.397	779.405	777.389	P 7
A 24	2419.232	697.383	681.364	682.372	680.356	A 6
R 25	2572.333	626.326	610.307	611.315	609.299	R 5
P 26	2669.386	470.225	454.206	455.214	453.198	P 4
Q 27	2797.444	373.172	357.153	358.161	356.145	Q 3
P 28	2894.497	245.113	229.094	230.102	228.087	P 2
E 29	3023.540	148.060	132.042	133.050	131.034	E 1

tr | Q80ZM5 | Q80ZM5_MOUSE

RRGASAASS^{Phospho} PAPPKARTAAADRTPARPQPE
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.55
- ▶ F104914.dat
- ▶ query=q2651_p1
- ▶ precursor=756.890640
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
R	1	67.571	1512.765	1504.756	1505.260	1504.252	R(29)
R	2	165.622	1434.715	1426.705	1427.209	1428.202	R(28)
G	3	194.132	1356.664	1348.655	1349.159	1348.151	G(27)
A	4	229.651	1128.154	1320.144	1320.648	1319.640	A(26)
S	5	273.167	1292.635	1284.626	1285.130	1284.122	S(25)
A	6	308.686	1249.119	1241.113	1241.617	1240.609	A(24)
A	7	344.204	1213.600	1205.591	1206.095	1205.087	A(23)
S	8	387.720	1178.082	1170.073	1170.576	1169.569	S(22)
S	9	471.219	1134.566	1126.557	1127.060	1126.051	S(21)
P	10	519.746	1051.057	1043.057	1043.561	1042.551	P(20)
A	11	555.264	1002.540	994.531	995.035	994.027	A(19)
P	12	603.793	969.022	960.022	960.526	959.518	P(18)
K	13	667.818	918.495	910.486	910.990	909.982	K(17)
A	14	703.357	854.448	846.439	846.942	845.935	A(16)
R	15	761.407	818.929	810.920	811.424	810.416	R(15)
T	16	831.931	740.879	732.869	733.373	732.366	T(14)
A	17	807.450	690.355	682.346	682.849	681.841	A(13)
A	18	902.968	654.836	646.827	647.331	646.321	A(12)
A	19	938.487	619.318	611.308	611.812	610.805	A(11)
D	20	996.000	583.799	575.790	576.294	575.286	D(10)
R	21	1074.051	526.266	518.258	518.761	517.753	R(9)
T	22	1124.575	448.235	440.226	440.730	439.722	T(8)
F	23	1173.103	397.711	389.702	390.206	389.198	F(7)
A	24	1208.620	349.185	341.176	341.680	340.672	A(6)
R	25	1286.670	313.666	305.657	306.161	305.153	R(5)
P	26	1335.196	235.616	227.607	228.110	227.103	P(4)
Q	27	1399.226	187.090	179.080	179.584	178.576	Q(3)
F	28	1447.752	123.060	115.051	115.555	114.547	F(2)
E	29	1512.273	74.534	66.524	67.028	66.021	E(1)

tr | Q80ZM5 | Q80ZM5_MOUSE

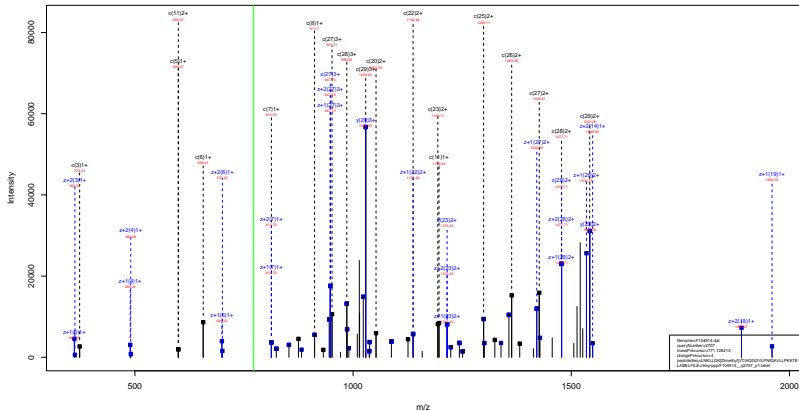
RRGASAASS ^{Phospho} P _{79.97} PAPKARTAAADRTPARPQPE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.55
- ▶ F104914.dat
- ▶ query=q2651_p1
- ▶ precursor=756.890640
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
R	11	58.716	1008.846	1003.506	1003.842	1003.171	R(9)
R	2	110.750	956.813	951.473	951.809	951.137	R(28)
G	3	136.757	904.779	899.439	899.775	899.103	G(27)
A	4	153.436	835.771	880.432	880.768	880.096	A(26)
S	5	182.447	862.092	856.753	857.089	856.417	S(25)
A	6	206.126	833.062	827.722	828.058	827.400	A(24)
A	7	229.805	809.483	804.143	804.500	803.727	A(23)
S	8	258.816	785.724	780.384	780.720	780.048	S(22)
S	9	314.482	756.713	751.373	751.709	751.037	S(21)
P	10	346.813	701.047	695.707	696.043	695.371	P(20)
A	11	370.512	688.696	683.356	683.692	683.020	A(19)
T	12	402.868	646.011	639.671	640.013	639.341	T(18)
K	13	445.561	612.666	607.326	607.662	606.990	K(17)
A	14	469.240	569.968	564.628	564.964	564.292	A(16)
R	15	521.274	546.289	540.949	541.285	540.613	R(15)
T	16	554.956	494.255	488.915	489.251	488.579	T(14)
A	17	578.839	460.572	455.232	455.568	454.897	A(13)
A	18	602.315	436.891	431.551	431.886	431.214	A(12)
A	19	625.994	413.214	407.874	408.211	407.539	A(11)
D	20	664.336	389.535	384.195	384.532	383.860	D(10)
R	21	716.370	351.193	345.853	346.189	345.517	R(9)
T	22	750.824	299.159	293.819	294.156	293.484	T(8)
T	23	782.403	266.471	261.131	261.473	260.801	T(7)
A	24	806.082	233.126	227.786	228.122	227.450	A(6)
R	25	858.116	200.447	204.107	204.443	203.771	R(5)
P	26	890.467	157.413	152.073	152.409	151.737	P(4)
Q	27	933.153	125.062	119.723	120.058	119.387	Q(3)
P	28	965.584	82.376	77.036	77.372	76.700	P(2)
E	29	1008.518	50.925	44.685	45.021	44.349	E(1)

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=107.04
- ▶ F104914.dat
- ▶ query=q2707_p1
- ▶ precursor=771.726210
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L129
N2	345.161	2970.808	2954.789	2955.797	2951.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.585	2599.567	2600.575	2598.559	L25
Q6	656.445	2502.502	2486.483	2487.491	2485.475	Q24
K7	812.572	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2288.354	2273.335	2274.343	2272.327	V22
T9	1017.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.867	1895.111	1889.093	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.015	1646.997	1646.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
F17	1748.116	1450.863	1434.844	1435.852	1433.836	F13
T18	1852.159	1383.810	1377.791	1378.799	1376.783	T12
I19	1975.243	1236.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.336	996.624	980.606	981.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.435	699.415	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2953.895	249.108	233.089	234.097	232.082	T2
E29	3082.968	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=107.04
- ▶ F104914.dat
- ▶ query=q2707_p1
- ▶ precursor=771.726210
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	8.504	1533.992	L128
N12	123.084	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.886	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.292	1300.287	1300.791	1299.783	L125
G16	356.758	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
T19	506.840	1095.646	1087.637	1088.141	1087.133	T121
T110	563.390	1045.123	1037.113	1037.617	1036.609	T120
A111	598.908	988.581	982.133	981.637	980.631	A119
G112	662.937	933.060	945.053	945.557	944.549	G118
G113	691.448	889.033	881.033	891.527	889.519	G117
G114	719.959	860.522	852.513	853.017	852.009	G116
V115	769.493	832.011	824.002	824.506	823.498	V115
L116	830.035	782.477	774.488	774.972	773.964	L114
T117	874.561	728.935	719.928	718.930	717.922	T113
N118	931.583	677.400	669.399	669.903	668.895	N112
I119	988.125	630.987	612.978	612.982	611.974	I111
Q120	1052.154	583.845	555.836	556.340	555.332	Q110
A121	1087.673	499.816	491.807	492.310	491.303	A10
V122	1137.207	494.297	456.288	456.792	455.784	V18
L123	1183.749	414.763	406.754	407.258	406.251	L17
L124	1250.291	358.221	350.212	350.716	349.708	L16
P125	1298.817	301.679	293.670	294.174	293.166	P15
K126	1362.865	253.153	245.143	245.647	244.639	K14
K127	1426.912	189.105	181.096	181.600	180.592	K13
T128	1477.436	125.058	117.048	117.552	116.544	T12
E129	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

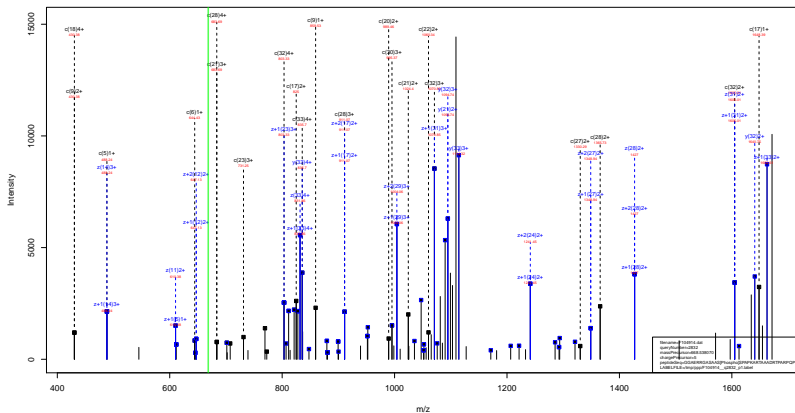
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=107.04
- ▶ F104914.dat
- ▶ query=q2707_p1
- ▶ precursor=771.726210
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.392	990.941	985.601	985.937	985.265	N[20]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.513	867.194	867.530	866.856	L[25]
Q[6]	239.287	834.339	829.499	829.835	829.161	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.154	K[23]
V[8]	304.552	793.700	788.450	788.786	788.114	V[22]
T[9]	338.234	776.767	771.427	771.763	771.091	T[21]
I[10]	375.920	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	699.380	654.050	654.386	653.714	A[19]
Q[12]	442.294	639.711	630.371	630.707	630.035	Q[19]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	583.277	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.939	446.267	T[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.537	327.865	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.156	233.484	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

tr | Q80ZM5 | Q80ZM5_MOUSE

GGAERRGASAAS^{Phospho} SPAPKARTAAADRTPARPQPE
79.97



tr | Q80ZM5 | Q80ZM5_MOUSE

GGAERRGASAAS^{Phospho}_{79.97} SPAPKARTAAADRTPARPQPE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=73.57
- ▶ F104914.dat
- ▶ query=q2832_p1
- ▶ precursor=668.538070
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
G	1	78.055	3338.648	3322.637	0.000	3321.630	G	33
G	2	132.077	3281.625	3265.606	0.000	3264.598	G	32
A	3	203.114	3234.603	3218.585	0.000	3207.577	A	31
E	4	332.150	3153.566	3137.547	0.000	3136.540	E	30
R	5	488.258	3024.528	3008.508	3009.513	3007.497	R	29
R	6	644.359	2868.422	2852.404	2853.412	2851.396	R	28
G	7	701.380	2712.321	2696.303	2697.310	2695.295	G	27
A	8	772.417	2655.300	2639.281	2640.289	2638.273	A	26
S	9	859.449	2584.263	2568.244	2569.252	2567.236	S	25
A	10	930.488	2497.231	2481.213	2482.220	2480.204	A	24
A	11	1001.524	2426.194	2410.175	2411.183	2409.167	A	23
S	12	1108.522	2355.157	2339.138	2340.146	2338.130	S	22
S	13	1255.554	2188.158	2172.139	2173.147	2171.131	S	21
P	14	1352.607	2101.120	2085.107	2086.115	2084.100	P	20
A	15	1423.644	2034.073	1988.055	1989.062	1987.047	A	19
P	16	1529.697	1933.036	1917.018	1918.026	1916.010	P	18
K	17	1648.792	1835.983	1819.965	1820.973	1818.957	K	17
A	18	1719.829	1707.889	1691.870	1692.878	1690.862	A	16
R	19	1875.930	1636.851	1620.833	1621.840	1619.825	R	15
T	20	1976.977	1480.750	1464.732	1465.739	1463.724	T	14
A	21	2048.015	1379.703	1363.684	1364.692	1362.676	A	13
A	22	2119.052	1308.665	1292.647	1293.655	1291.639	A	12
A	23	2190.089	1237.628	1221.610	1222.617	1220.602	A	11
D	24	2305.116	1166.591	1150.573	1151.580	1149.565	D	10
R	25	2401.217	1051.564	1035.546	1036.553	1034.538	R	0
T	26	2562.264	895.463	879.444	880.452	878.437	T	8
P	27	2669.317	784.416	768.397	769.405	767.390	P	7
A	28	2730.354	697.382	681.364	682.372	680.356	A	6
R	29	3898.455	628.326	610.307	611.315	609.299	R	5
P	30	2983.508	470.225	454.206	455.214	453.198	P	4
Q	31	3111.567	373.172	357.153	358.161	356.145	Q	3
P	32	3208.620	245.113	229.094	230.102	228.087	P	2
E	33	3337.662	148.050	132.032	133.040	131.024	E	1

tr | Q80ZM5 | Q80ZM5_MOUSE

GGAERRGASAAS^{Phospho}_{79.97} SPAPKARTAAADRTPARPQPE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=73.57
- ▶ F104914.dat
- ▶ query=q2832_p1
- ▶ precursor=668.538070
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G 1	38.031	1669.827	1661.817	0.504	1661.313	G 33
G 2	66.542	1641.316	1631.307	0.504	1632.803	G 32
A 3	102.061	1612.805	1604.796	0.504	1604.292	A 31
E 4	166.562	1577.287	1569.277	0.504	1569.773	E 30
R 5	244.632	1312.765	1308.759	1565.760	1304.755	R 29
R 6	322.683	1434.715	1426.705	1427.209	1426.202	R 28
G 7	351.194	1336.664	1348.655	1349.159	1348.151	G 27
A 8	389.712	1128.154	1120.144	1320.648	1319.640	A 26
S 9	430.228	1292.635	1284.625	1285.130	1284.122	S 25
A 10	465.747	1349.119	1241.110	1241.614	1240.606	A 24
A 11	501.265	1213.600	1205.591	1206.095	1205.087	A 23
S 12	584.785	1178.082	1170.073	1170.576	1169.569	S 22
S 13	628.201	1094.583	1086.573	1087.577	1086.069	S 21
F 14	676.807	1051.067	1043.057	1043.561	1042.553	F 20
A 15	712.226	1052.540	994.531	995.035	994.027	A 19
F 16	750.824	989.022	929.013	929.516	928.508	F 18
K 17	824.899	918.495	910.486	910.990	909.982	K 17
A 18	860.418	854.448	846.439	846.942	845.935	A 16
R 19	938.469	818.029	810.920	811.424	810.416	R 15
T 20	988.992	740.879	732.869	733.373	732.366	T 14
A 21	1024.511	690.355	682.345	682.849	681.841	A 13
A 22	1060.029	654.835	646.827	647.331	646.323	A 12
A 23	1095.548	619.318	611.308	611.812	610.805	A 11
D 24	1153.061	583.799	575.790	576.294	575.286	D 10
R 25	1231.112	526.286	518.276	518.780	517.773	R 9
T 26	1267.638	448.235	440.225	440.729	439.722	T 8
F 27	1330.162	397.711	389.702	390.206	389.199	F 7
A 28	1365.681	349.185	341.176	341.680	340.672	A 6
R 29	1443.731	311.666	303.657	304.161	303.155	R 5
F 30	1492.258	235.016	227.007	227.511	226.503	F 4
Q 31	1556.297	187.000	179.000	179.504	178.576	Q 3
F 32	1604.813	123.960	115.951	116.455	115.447	F 2
E 33	1669.310	74.534	66.524	67.028	66.021	E 1

tr | Q80ZM5 | Q80ZM5_MOUSE

GGAERRGASAAS ^{Phospho}_{79.97} SPAPKARTAAADRTPARPQPE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=73.57
- ▶ F104914.dat
- ▶ query=q2832_p1
- ▶ precursor=668.538070
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G[1]	25.690	1113.554	1108.214	0.672	1107.878	G[33]
G[2]	44.607	1094.546	1089.207	0.672	1088.871	G[32]
A[3]	66.376	1075.539	1070.260	0.672	1069.864	A[31]
E[4]	111.390	1051.560	1044.521	0.672	1040.125	E[30]
R[5]	163.424	1035.540	1003.506	1003.842	1003.177	R[29]
R[6]	215.458	956.812	951.473	951.809	951.103	R[28]
G[7]	234.465	904.779	899.439	899.775	899.103	G[27]
A[8]	258.144	885.771	880.432	880.768	880.096	A[26]
S[9]	287.155	862.062	856.753	857.089	856.411	S[25]
A[10]	310.824	833.062	827.742	828.078	827.406	A[24]
A[11]	334.513	809.403	804.063	804.399	803.727	A[23]
S[12]	390.179	785.724	780.384	780.720	780.048	S[22]
S[13]	419.189	730.058	724.718	725.054	724.382	S[21]
P[14]	451.540	701.047	695.707	696.043	695.371	P[20]
A[15]	475.219	686.059	683.264	683.602	683.020	A[19]
P[16]	607.870	645.017	639.677	640.013	639.341	P[18]
K[17]	550.289	612.564	607.226	607.562	606.906	K[17]
A[18]	573.948	569.968	564.628	564.964	564.292	A[16]
R[19]	625.981	546.280	540.940	541.285	540.613	R[15]
T[20]	659.664	494.255	488.915	489.251	488.579	T[14]
A[21]	683.343	460.572	455.233	455.569	454.897	A[13]
A[22]	707.622	436.993	431.654	431.990	431.318	A[12]
A[23]	730.701	413.214	407.875	408.211	407.539	A[11]
D[24]	769.043	389.535	384.196	384.532	383.860	D[10]
R[25]	821.077	351.197	345.853	346.189	345.517	R[0]
T[26]	854.760	299.150	293.820	294.156	293.484	T[8]
P[27]	897.111	265.477	260.137	260.473	259.801	P[7]
A[28]	910.790	233.120	227.788	228.122	227.450	A[6]
R[29]	962.823	209.447	204.107	204.443	203.771	R[5]
P[30]	995.174	157.413	152.073	152.409	151.738	P[4]
Q[31]	1037.860	125.062	119.723	120.058	119.387	Q[3]
P[32]	1070.211	82.376	77.036	77.372	76.700	P[2]
E[33]	1113.220	50.020	44.685	45.021	44.349	E[1]

tr | Q80ZM5 | Q80ZM5_MOUSE

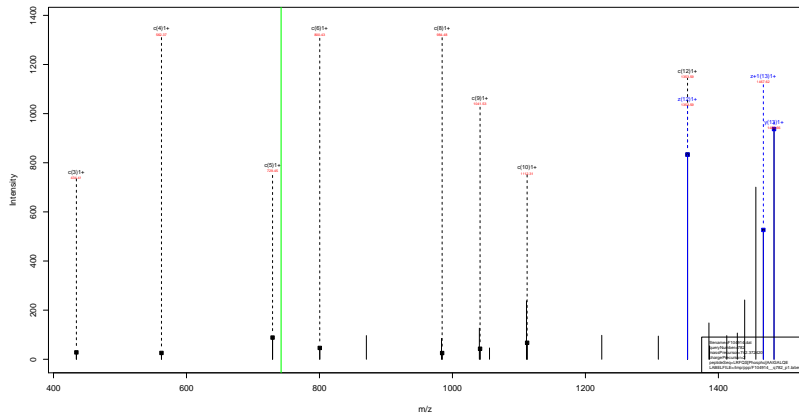
GGAERRGASAAS^{Phospho}_{79.97} SPAPKARTAAADRTPARPQPE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=73.57
- ▶ F104914.dat
- ▶ query=q2832_p1
- ▶ precursor=668.538070
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G 1	19.519	835.417	831.412	0.755	831.160	G 33
G 2	33.775	821.162	817.157	0.755	816.905	G 32
A 3	51.534	806.906	802.902	0.755	802.650	A 31
E 4	83.795	789.147	785.142	0.755	784.890	E 30
R 5	122.820	756.886	752.882	753.134	752.630	R 29
R 6	161.845	717.861	713.856	714.108	713.604	R 28
G 7	178.100	678.835	674.831	675.083	674.399	G 27
A 8	193.850	664.580	660.576	660.828	660.324	A 26
S 9	215.618	646.821	642.816	643.068	642.565	S 25
A 10	233.377	625.053	621.058	621.310	620.807	A 24
A 11	251.136	607.304	603.299	603.551	603.047	A 23
S 12	292.886	589.545	585.540	585.792	585.288	S 22
S 13	314.644	547.795	543.790	544.042	543.538	S 21
P 14	338.907	526.037	522.032	522.284	521.780	P 20
A 15	356.666	501.774	497.769	498.021	497.517	A 19
P 16	380.930	484.015	480.010	480.262	479.758	P 18
K 17	413.953	459.751	455.747	455.999	455.495	K 17
A 18	430.713	427.728	423.723	423.975	423.471	A 16
R 19	469.738	409.968	405.964	406.216	405.712	R 15
T 20	495.000	370.943	366.938	367.190	366.685	T 14
A 21	512.759	345.681	341.676	341.928	341.424	A 13
A 22	530.518	327.922	323.917	324.169	323.665	A 12
A 23	548.278	310.163	306.158	306.410	305.906	A 11
D 24	577.034	292.403	288.398	288.651	288.147	D 10
R 25	616.060	263.647	259.642	259.894	259.390	R 9
T 26	641.322	244.621	240.617	240.869	240.365	T 8
P 27	665.585	199.399	195.395	195.607	195.103	P 7
A 28	683.344	176.990	171.091	171.343	170.840	A 6
R 29	722.869	157.337	153.332	153.584	153.080	R 5
P 30	746.633	118.312	114.307	114.559	114.055	P 4
Q 31	778.647	94.048	90.044	90.296	89.792	Q 3
P 32	802.910	62.034	58.029	58.281	57.777	P 2
E 33	835.171	37.771	33.766	34.018	33.514	E 1

sp | P84244 | H33_MOUSE

LRFQS^{Phospho} AAIGALQE
79.97



sp | P84244 | H33_MOUSE

LRFQS^{Phospho} AAIGALQE
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.30
- ▶ F104914.dat
- ▶ query=q782_p1
- ▶ precursor=742.372420
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	1483.730	1467.712	0.000	1466.700	L[13]
R[2]	287.210	1370.646	1354.628	1355.636	1353.020	R[12]
F[3]	434.287	1214.645	1198.527	1199.534	1197.519	F[11]
Q[4]	562.346	1067.477	1051.458	1052.466	1050.450	Q[10]
S[5]	729.344	939.418	923.400	924.407	922.392	S[9]
A[6]	800.381	772.426	756.403	757.409	755.391	A[9]
A[7]	871.419	701.382	685.364	686.372	684.355	A[7]
I[8]	984.503	630.346	614.327	615.335	613.319	I[8]
G[9]	1041.524	517.267	501.249	502.251	500.235	G[5]
A[10]	1112.561	460.240	444.221	445.229	443.214	A[4]
L[11]	1223.665	389.203	373.184	374.192	372.177	L[11]
Q[12]	1353.704	276.117	260.100	261.108	259.092	Q[9]
E[13]	1482.746	148.060	132.042	133.050	131.034	E[1]

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTK ^{Dimethyl} 28.03 GTGASGSFKLNKKAASGE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.65
- ▶ F104915.dat
- ▶ query=q1503_p1
- ▶ precursor=706.074710
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K 1	146.129	4233.425	4235.400	4216.414	4214.390	K 41
N 2	260.172	4103.330	4087.311	4088.310	4086.301	N 40
N 3	374.215	3909.287	3974.290	3974.276	3972.250	N 39
S 4	461.247	3875.244	3859.226	3860.233	3858.217	S 38
K 5	617.348	3788.212	3772.193	3773.201	3771.185	K 37
T 6	730.422	3632.111	3616.090	3617.100	3615.084	T 36
K 7	858.537	3519.027	3503.000	3504.018	3502.000	K 35
L 8	971.611	3390.932	3374.915	3375.921	3373.905	L 34
G 9	1028.632	3277.848	3261.829	3262.837	3260.821	G 33
L 10	1141.716	3220.820	3204.800	3205.815	3203.800	L 32
K 11	1269.811	3107.742	3091.720	3092.731	3090.716	K 31
S 12	1358.843	3079.647	3063.629	3064.636	3062.621	S 30
L 13	1409.937	2982.615	2976.597	2977.604	2975.589	L 29
V 14	1568.996	2779.531	2763.513	2764.520	2762.505	V 28
S 15	1656.029	2680.463	2664.444	2665.452	2663.436	S 27
K 16	1784.123	2593.431	2577.412	2578.420	2576.404	K 26
G 17	1841.144	2495.386	2489.367	2490.375	2488.360	G 25
L 18	1942.192	2428.344	2392.299	2393.308	2391.293	L 24
L 19	2055.276	2307.267	2291.248	2292.256	2290.240	L 23
V 20	2154.344	2194.183	2178.164	2179.172	2177.156	V 22
Q 21	2252.403	2095.114	2079.090	2080.103	2078.088	Q 21
T 22	2383.451	1987.050	1971.037	1972.045	1970.029	T 20
K 23	2439.577	1899.000	1883.980	1884.997	1882.981	K 19
G 24	2508.599	1799.982	1793.961	1794.971	1792.954	G 18
T 25	2607.646	1652.860	1636.842	1637.849	1635.834	T 17
G 26	2754.668	1551.813	1535.794	1536.802	1534.786	G 16
A 27	2825.705	1494.791	1478.772	1479.780	1477.765	A 15
S 28	2912.737	1423.754	1407.735	1408.743	1406.727	S 14
G 29	2969.750	1336.722	1320.703	1321.711	1319.695	G 13
G 30	3056.792	1235.680	1219.660	1220.668	1218.654	G 12
F 31	3203.859	1192.658	1176.650	1177.658	1175.642	F 11
K 32	3331.954	1045.600	1029.581	1030.589	1028.573	K 10
L 33	3445.038	917.505	901.486	902.494	900.479	L 9
N 34	3559.081	804.421	788.402	789.410	787.394	N 8
K 35	3687.176	699.374	674.359	675.367	673.351	K 7
K 36	3815.271	562.293	546.264	547.272	545.257	K 6
A 37	3896.308	434.188	418.169	419.177	417.162	A 5
A 38	3957.345	363.151	347.132	348.140	346.124	A 4
S 39	4044.377	292.114	276.095	277.103	275.087	S 3
G 40	4101.398	205.082	189.063	190.071	188.055	G 2
E 41	4230.441	148.050	132.042	133.050	131.034	E 1

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTK ^{Dimethyl} 28.03 GTGASGSFKLNKKAASGE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.65
- ▶ F104915.dat
- ▶ query=q1503_p1
- ▶ precursor=706.074710
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	w	#s1	#s2	#s3	AA	
R	3	71.500	2118.210	2108.207	2118.711	2107.710	K(4)
N	2	130.589	2052.189	2044.150	2044.663	2043.655	N(40)
N	3	187.611	1995.147	1987.130	1987.642	1986.634	N(30)
S	4	231.127	1938.126	1930.110	1930.620	1929.612	S(38)
R	5	309.178	1894.810	1886.600	1887.104	1886.096	R(37)
T	6	365.720	1848.569	1840.550	1840.054	1840.040	T(36)
R	7	429.282	1760.017	1752.000	1752.512	1751.504	R(25)
L	8	486.309	1695.970	1687.950	1688.464	1687.456	L(34)
G	9	514.820	1639.428	1631.418	1631.922	1630.914	G(33)
L	10	571.362	1610.917	1602.907	1603.411	1602.404	L(32)
K	11	635.409	1524.376	1546.365	1546.869	1545.862	K(31)
S	12	678.925	1490.327	1480.310	1482.822	1481.814	S(30)
L	13	735.457	1446.811	1438.802	1439.306	1438.298	L(29)
V	14	785.002	1390.269	1382.250	1382.764	1381.756	V(28)
S	15	828.518	1340.735	1332.726	1333.230	1332.222	S(27)
K	16	892.565	1297.219	1289.210	1289.714	1288.706	K(26)
G	17	921.076	1243.172	1225.162	1225.666	1224.658	G(25)
T	18	971.600	1204.961	1196.951	1197.456	1196.448	T(24)
L	19	1028.142	1154.137	1146.128	1146.632	1145.624	L(23)
V	20	1077.676	1097.595	1089.586	1090.090	1089.082	V(22)
Q	21	1141.705	1048.061	1040.051	1040.555	1039.547	Q(21)
T	22	1192.229	1004.031	976.022	976.526	975.518	T(20)
L	23	1270.292	933.508	925.498	926.002	924.994	L(19)
G	24	1298.803	855.444	847.435	847.939	846.931	G(18)
T	25	1349.327	820.934	818.924	819.428	818.420	T(17)
G	26	1377.837	776.410	768.400	768.904	767.897	G(16)
A	27	1413.356	747.899	739.890	740.394	739.386	A(15)
S	28	1456.872	712.381	704.371	704.875	703.867	S(14)
G	29	1495.393	668.869	660.855	661.359	660.351	G(13)
S	30	1528.899	640.354	632.345	632.848	631.841	S(12)
F	31	1602.433	606.838	588.829	589.332	588.325	F(11)
K	32	1696.480	523.304	515.294	515.798	514.790	K(10)
L	33	1723.022	499.256	451.247	451.751	450.743	L(9)
N	34	1789.044	468.714	384.703	385.207	384.201	N(8)
K	35	1844.091	345.697	337.693	338.197	337.170	K(7)
K	36	1908.139	281.645	273.636	274.140	273.132	K(6)
A	37	1943.657	217.598	209.589	210.092	209.084	A(5)
A	38	1979.176	182.079	174.070	174.574	173.566	A(4)
S	39	2022.692	148.567	136.553	137.056	136.048	S(3)
G	40	2051.203	103.045	89.035	89.539	88.531	G(2)
E	41	2115.724	74.534	66.524	67.028	66.021	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTK ^{Dimethyl} 28.03 GTGASGSFKLNKKAASGE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.65
- ▶ F104915.dat
- ▶ query=q1503.p1
- ▶ precursor=706.074710
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	g+1	g+2	e	AA	
R	1	489.261	1411.146	1405.807	1406.143	4805.471	K(4)
N	2	87.395	1368.448	1363.109	1363.445	1362.773	N(4)
N	3	128.410	1330.434	1325.094	1325.430	1324.750	N(3)
S	4	154.420	1292.420	1287.080	1287.416	1286.744	S(8)
R	5	206.454	1263.409	1258.069	1258.405	1257.733	R(37)
T	6	244.149	1231.375	1206.036	1206.372	1205.700	T(6)
R	7	288.647	1173.860	1168.521	1163.177	1168.000	R(25)
L	8	324.542	1130.983	1125.643	1125.979	1125.307	L(34)
G	9	343.549	1093.267	1087.948	1088.284	1087.612	G(3)
L	10	381.244	1074.280	1066.941	1069.277	1068.605	L(32)
K	11	423.642	1036.586	1031.246	1031.582	1030.910	K(31)
S	12	482.959	993.287	988.548	988.884	988.212	S(30)
L	13	490.647	984.877	959.537	959.873	959.201	L(28)
V	14	523.670	927.182	921.842	922.178	921.506	V(38)
S	15	552.681	894.159	888.820	889.155	888.484	S(27)
K	16	595.379	865.148	859.809	860.145	859.473	K(26)
G	17	814.266	822.460	817.111	817.446	816.775	G(25)
T	18	648.869	769.443	764.103	798.439	797.767	T(24)
L	19	685.754	769.760	764.421	764.757	764.085	L(23)
V	20	718.786	732.066	726.726	727.062	726.390	V(22)
Q	21	761.473	699.043	693.703	694.039	693.367	Q(21)
T	22	795.155	656.357	651.017	651.353	650.681	T(20)
L	23	847.187	622.674	617.334	617.670	616.999	L(19)
G	24	866.204	570.632	565.293	565.628	564.957	G(18)
T	25	899.887	551.625	546.285	546.621	545.949	T(17)
G	26	918.894	517.943	512.603	512.939	512.267	G(16)
A	27	942.573	498.935	493.595	493.932	493.260	A(15)
S	28	971.564	475.266	469.927	470.263	469.591	S(14)
G	29	990.571	446.259	440.920	441.256	440.584	G(13)
S	30	1019.602	427.235	421.896	422.232	421.561	S(12)
F	31	1068.624	398.228	392.888	393.224	392.552	F(11)
K	32	1111.323	349.205	343.865	344.201	343.529	K(10)
L	33	1149.217	308.507	303.167	303.503	302.831	L(9)
N	34	1187.832	268.912	263.572	263.908	263.236	N(8)
K	35	1226.730	232.786	227.446	227.784	227.112	K(7)
K	36	1272.428	188.099	182.759	183.096	182.424	K(6)
A	37	1298.107	145.401	140.061	140.397	139.725	A(5)
A	38	1318.786	121.722	116.382	116.718	116.046	A(4)
S	39	1348.797	86.043	80.703	81.039	80.367	S(3)
G	40	1397.804	69.135	63.795	64.131	63.459	G(2)
E	41	1410.818	50.025	44.685	45.021	44.349	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTK^{Dimethyl} 28.03 GTGASGSFKLNKKAASGE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=71.65
- ▶ F104915.dat
- ▶ query=q1503_p1
- ▶ precursor=706.074710
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
R	1	37.280	1058.612	1054.607	1054.859	1054.167	K(4)
N	2	65.798	1026.588	1022.583	1022.835	1022.331	N(4)
N	3	94.309	998.077	994.073	994.324	993.821	N(3)
S	4	118.007	969.566	965.562	965.814	965.310	S(8)
R	5	155.092	947.808	943.804	944.056	943.552	R(37)
I	6	183.263	926.763	924.737	923.581	924.267	I(6)
N	7	215.987	899.513	895.509	895.761	895.257	K(5)
L	8	243.658	848.488	844.484	844.736	844.232	L(34)
G	9	257.614	820.217	816.213	816.465	815.961	G(3)
L	10	286.125	805.965	801.957	802.209	801.705	L(32)
K	11	318.208	777.691	773.686	773.938	773.434	K(31)
S	12	339.666	748.561	744.553	743.918	741.411	S(30)
L	13	368.237	723.909	719.905	720.157	719.653	L(28)
V	14	393.004	695.638	691.634	691.886	691.382	V(26)
S	15	414.702	670.871	666.866	667.118	666.615	S(27)
K	16	446.776	649.113	645.108	645.360	644.857	K(26)
G	17	461.042	617.089	613.085	613.337	612.833	G(25)
T	18	486.303	602.834	598.827	599.081	598.577	T(24)
L	19	514.574	577.572	573.567	573.819	573.315	L(23)
V	20	536.342	549.301	545.296	545.548	545.044	V(22)
Q	21	571.356	524.934	520.929	520.781	520.277	Q(21)
T	22	598.618	492.519	488.515	488.767	488.263	T(20)
K	23	635.650	460.292	456.287	456.539	456.035	K(19)
G	24	663.828	428.225	424.221	424.473	423.969	G(18)
T	25	675.107	413.971	409.966	410.218	409.714	T(17)
G	26	689.422	388.709	384.704	384.956	384.452	G(16)
A	27	707.182	374.453	370.448	370.701	370.197	A(15)
S	28	726.940	356.094	352.089	352.341	351.837	S(14)
G	29	743.126	334.936	330.931	331.183	330.679	G(13)
S	30	764.953	320.681	316.676	316.928	316.424	S(12)
F	31	801.720	298.923	294.918	295.170	294.666	F(11)
K	32	833.744	282.155	278.151	278.403	277.899	K(10)
L	33	862.015	230.132	226.127	226.379	225.875	L(9)
N	34	890.526	208.061	204.056	204.308	203.804	N(8)
K	35	922.549	173.526	169.521	169.773	169.269	K(7)
K	36	954.573	141.326	137.322	137.574	137.070	K(6)
A	37	972.332	109.303	105.298	105.550	105.046	A(5)
A	38	990.092	91.543	87.539	87.791	87.287	A(4)
S	39	1011.850	73.784	69.779	70.031	69.527	S(3)
G	40	1026.105	52.026	48.021	48.273	47.769	G(2)
E	41	1058.366	37.771	33.766	34.018	33.514	E(1)

sp | P43277 | H13_MOUSE

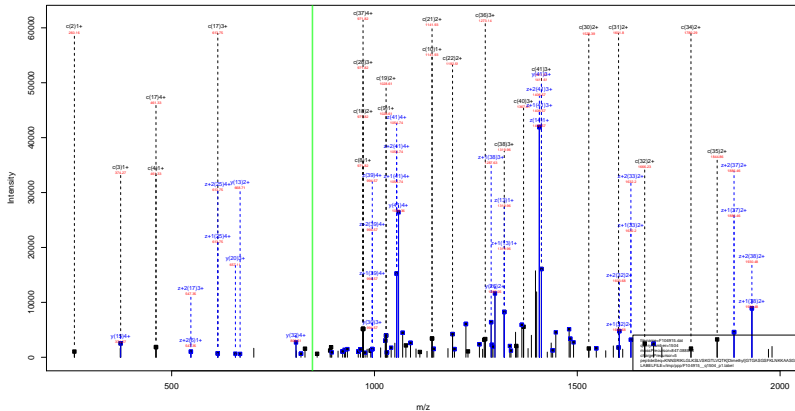
KNNSRIKLGLKSLVSKGTLVQTK ^{Dimethyl} 28.03 GTGASGSFKLNKKAASGE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=71.65
- ▶ F104915.dat
- ▶ query=q1503.p1
- ▶ precursor=706.074710
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA	
K	1	30.032	847.091	843.897	844.089	843.695	K[41]
N	2	52.840	821.472	818.268	818.470	818.066	N[40]
N	3	75.649	798.663	795.459	795.661	795.258	N[39]
S	4	93.055	775.855	772.651	772.852	772.449	S[38]
R	5	124.275	758.448	755.244	755.446	755.043	R[37]
T	6	148.892	727.228	724.024	724.226	723.823	T[36]
K	7	172.511	704.611	701.407	701.609	701.206	K[35]
L	8	195.128	678.992	675.788	675.990	675.587	L[34]
G	9	208.532	656.375	653.172	653.373	652.970	G[33]
L	10	229.149	634.971	631.767	631.969	631.566	L[32]
K	11	254.768	622.354	619.151	619.352	618.949	K[31]
S	12	272.174	596.735	593.532	593.733	593.330	S[30]
L	13	294.791	579.329	576.125	576.327	575.924	L[29]
V	14	314.605	556.712	553.508	553.710	553.307	V[28]
S	15	332.011	536.898	533.695	533.896	533.493	S[27]
K	16	357.630	519.492	516.288	516.490	516.087	K[26]
G	17	388.035	493.873	490.669	490.871	490.468	G[25]
T	18	389.244	432.469	429.265	429.467	429.063	T[24]
L	19	411.861	402.259	400.055	400.257	400.054	L[23]
V	20	431.675	439.642	436.439	436.640	436.237	V[22]
Q	21	457.286	419.829	416.625	416.826	416.423	Q[21]
T	22	477.496	394.217	391.013	391.215	390.812	T[20]
K	23	508.721	374.007	370.804	371.005	370.602	K[19]
G	24	520.126	342.782	339.579	339.780	339.377	G[18]
T	25	540.335	311.376	308.174	308.376	307.973	T[17]
G	26	551.739	311.166	307.963	308.166	307.763	G[16]
A	27	585.947	299.764	296.560	296.762	296.359	A[15]
S	28	583.283	288.561	286.357	286.558	286.155	S[14]
G	29	594.757	268.150	264.946	265.148	264.745	G[13]
S	30	612.164	256.746	253.542	253.744	253.341	S[12]
F	31	641.578	239.340	236.136	236.337	235.934	F[11]
K	32	667.197	209.926	206.722	206.924	206.521	K[10]
L	33	689.813	194.507	191.303	191.505	191.102	L[9]
N	34	712.622	161.690	158.486	158.688	158.285	N[8]
K	35	738.241	138.881	135.678	135.879	135.476	K[7]
K	36	763.860	113.262	110.058	110.260	109.857	K[6]
A	37	778.067	87.643	84.440	84.641	84.238	A[5]
A	38	792.275	73.436	70.232	70.434	70.031	A[4]
S	39	809.681	59.229	56.025	56.226	55.823	S[3]
G	40	821.085	41.822	38.618	38.820	38.417	G[2]
E	41	846.894	30.418	27.214	27.416	27.013	E[1]

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGLTVQTK ^{Dimethyl} 28.03 GTGASGSFKLNKKAASGE



sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTK ^{Dimethyl} 28.03 GTGASGSFKLNKKAASGE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.55
- ▶ F104915.dat
- ▶ query=q1504_p1
- ▶ precursor=847.088850
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	w	g±1	g±2	z	AA	
R	1	146.150	4231.523	4215.460	4216.414	4214.360	R(4)
N	2	260.172	4103.130	4087.111	4088.119	4086.303	N(40)
N	3	374.215	3989.267	3971.288	3974.276	3972.260	N(30)
S	4	461.247	3875.244	3859.225	3860.431	3858.217	S(8)
R	5	617.348	3758.212	3742.193	3743.201	3741.185	R(37)
I	6	720.429	3642.111	3626.062	3627.100	3625.084	I(6)
R	7	858.537	3529.021	3513.000	3514.018	3512.000	R(25)
L	8	971.611	3416.932	3394.913	3395.921	3393.905	L(34)
G	9	1028.632	3277.848	3261.830	3262.837	3260.821	G(33)
L	10	1141.716	3120.826	3104.808	3105.815	3103.800	L(32)
K	11	1269.811	3107.742	3091.724	3092.731	3090.716	K(31)
S	12	1358.933	3079.541	3063.523	3064.536	3062.521	S(30)
L	13	1469.937	2982.615	2975.597	2977.604	2975.589	L(28)
V	14	1568.996	2779.531	2763.513	2764.520	2762.505	V(28)
S	15	1656.020	2680.463	2664.444	2665.452	2663.436	S(27)
K	16	1784.123	2593.431	2577.412	2578.420	2576.404	K(26)
G	17	1841.144	2488.396	2469.317	2470.326	2468.307	G(25)
T	18	1942.132	2408.314	2390.295	2393.303	2391.286	T(24)
L	19	2055.276	2307.267	2291.248	2292.256	2290.240	L(23)
V	20	2154.344	2194.183	2176.164	2179.172	2177.156	V(22)
Q	21	2282.403	2095.114	2079.095	2080.103	2078.088	Q(21)
T	22	2383.451	1997.056	1981.037	1982.046	1980.029	T(20)
K	23	2539.577	1898.009	1884.000	1885.007	1883.991	K(19)
G	24	2595.568	1799.882	1783.863	1784.871	1782.855	G(18)
T	25	2697.646	1692.860	1676.842	1677.849	1675.834	T(17)
G	26	2754.668	1581.813	1565.794	1566.802	1564.786	G(16)
A	27	2825.705	1484.791	1478.772	1479.780	1477.765	A(15)
S	28	2912.717	1374.744	1368.725	1369.743	1406.727	S(14)
G	29	2999.718	1336.722	1320.703	1321.711	1319.695	G(13)
S	30	3056.790	1279.700	1263.682	1264.690	1262.674	S(12)
F	31	3203.859	1192.668	1176.650	1177.658	1175.642	F(11)
K	32	3331.954	1045.600	1029.581	1030.589	1028.573	K(10)
L	33	3445.038	917.505	901.486	902.494	900.479	L(9)
N	34	3559.081	804.421	788.402	789.410	787.394	N(8)
K	35	3673.116	690.378	674.359	675.367	673.352	K(7)
K	36	3815.271	562.283	546.264	547.272	545.257	K(6)
A	37	3898.308	434.188	418.169	419.177	417.161	A(5)
A	38	3957.345	363.151	347.132	348.140	346.124	A(4)
S	39	4044.377	292.114	276.095	277.103	275.087	S(3)
G	40	4111.398	209.084	193.064	194.071	192.055	G(2)
E	41	4230.441	148.060	132.042	133.050	131.034	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTK ^{Dimethyl} 28.03 GTGASGSFKLNKKAASGE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.55
- ▶ F104915.dat
- ▶ query=q1504_p1
- ▶ precursor=847.088850
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	#=1	#=2	z	AA	
R	1	71.560	2118.210	2108.207	2118.711	2107.717	K(4)
N	2	130.589	2052.189	2044.150	2044.663	2043.655	N(40)
N	3	187.611	1995.147	1987.130	1987.642	1986.634	N(30)
S	4	231.127	1938.126	1930.116	1930.620	1929.612	S(38)
R	5	309.176	1894.610	1886.600	1887.104	1886.096	R(37)
T	6	365.720	1848.569	1838.550	1839.054	1838.046	T(36)
R	7	429.767	1760.017	1752.000	1752.512	1751.504	R(25)
L	8	498.306	1695.076	1687.960	1688.464	1687.456	L(34)
G	9	514.620	1639.428	1631.418	1631.922	1630.914	G(33)
L	10	571.302	1610.917	1602.907	1603.411	1602.404	L(32)
K	11	635.409	1524.370	1546.365	1546.869	1545.862	K(31)
S	12	693.626	1490.327	1482.318	1482.822	1481.814	S(30)
L	13	735.667	1446.811	1438.802	1439.306	1438.298	L(29)
V	14	785.002	1390.269	1382.250	1382.764	1381.756	V(28)
S	15	828.518	1340.735	1332.720	1333.230	1332.222	S(27)
K	16	892.565	1297.219	1289.210	1289.714	1288.706	K(26)
G	17	921.076	1231.172	1225.162	1225.666	1224.658	G(25)
T	18	971.600	1094.061	1196.051	1197.155	1196.147	T(24)
L	19	1028.142	1154.137	1146.128	1146.632	1145.624	L(23)
V	20	1077.676	1097.595	1089.586	1090.090	1089.082	V(22)
Q	21	1141.705	1048.061	1040.051	1040.555	1039.547	Q(21)
T	22	1192.229	984.031	976.022	976.526	975.518	T(20)
L	23	1270.292	933.508	925.499	926.002	924.994	L(19)
G	24	1298.652	885.444	847.435	847.939	846.931	G(18)
T	25	1349.327	826.034	818.924	819.428	818.420	T(17)
G	26	1377.637	776.410	768.401	768.904	767.897	G(16)
A	27	1413.356	747.899	739.890	740.394	739.386	A(15)
S	28	1456.672	712.381	704.371	704.875	703.867	S(14)
G	29	1495.918	668.805	660.795	661.299	660.291	G(13)
S	30	1528.899	640.354	632.345	632.848	631.841	S(12)
F	31	1602.433	596.838	588.829	589.332	588.325	F(11)
K	32	1666.480	523.304	515.294	515.798	514.790	K(10)
L	33	1727.022	499.256	451.247	451.751	450.743	L(9)
N	34	1780.044	469.714	394.703	395.206	394.201	N(8)
K	35	1844.091	345.697	337.683	338.187	337.179	K(7)
K	36	1908.139	281.645	273.636	274.140	273.132	K(6)
A	37	1943.657	217.598	209.589	210.092	209.084	A(5)
A	38	1978.176	182.079	174.070	174.574	173.566	A(4)
S	39	2022.662	148.561	138.551	139.055	138.047	S(3)
G	40	2051.203	103.045	88.033	88.536	87.528	G(2)
E	41	2115.724	74.534	66.524	67.028	66.021	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTK ^{Dimethyl} 28.03 GTGASGSFKLNKKAASGE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=75.55
- ▶ F104915.dat
- ▶ query=q1504_p1
- ▶ precursor=847.088850
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	p	s+1	s+2	e	AA	
R	1	49.361	1411.146	1405.807	1406.143	4035.471	K(4)
N	2	87.395	1336.445	1363.109	1363.445	1362.773	N(4)
N	3	125.410	1330.434	1325.094	1325.430	1324.756	N(3)
S	4	154.420	1292.426	1287.080	1287.416	1286.744	S(8)
R	5	206.454	1263.409	1258.069	1258.405	1257.731	R(37)
I	6	244.149	1231.375	1206.036	1206.372	1205.700	I(6)
K	7	289.647	1173.690	1166.341	1166.677	1166.005	K(5)
L	8	324.542	1130.983	1125.643	1125.979	1125.307	L(34)
G	9	343.549	1093.267	1087.948	1088.284	1087.612	G(3)
L	10	381.244	1074.260	1068.941	1069.277	1068.605	L(32)
K	11	423.642	1036.549	1031.246	1031.582	1030.910	K(31)
S	12	482.959	993.887	988.549	988.884	988.212	S(30)
L	13	490.647	964.877	959.537	959.873	959.201	L(28)
V	14	523.670	927.183	921.842	922.178	921.506	V(38)
S	15	552.601	894.159	888.820	889.156	888.484	S(27)
K	16	595.379	865.148	859.809	860.145	859.473	K(26)
G	17	614.386	822.490	817.151	817.486	816.815	G(25)
T	18	643.659	803.443	798.103	798.439	797.767	T(24)
L	19	685.764	769.760	764.421	764.757	764.085	L(23)
V	20	718.786	733.666	728.326	727.662	726.990	V(22)
Q	21	761.473	699.043	693.703	694.039	693.367	Q(21)
T	22	795.155	656.357	651.017	651.353	650.681	T(20)
K	23	847.129	622.674	617.334	617.670	616.999	K(19)
G	24	896.204	579.632	574.293	574.628	574.956	G(18)
T	25	899.887	551.625	546.285	546.621	545.949	T(17)
G	26	918.894	517.943	512.603	512.939	512.267	G(16)
A	27	942.573	498.935	493.595	493.932	493.260	A(15)
S	28	971.584	476.266	469.917	470.253	469.581	S(14)
G	29	990.591	446.259	440.920	441.256	440.584	G(13)
S	30	1019.602	427.235	421.896	422.232	421.561	S(12)
F	31	1066.624	398.228	392.888	393.224	392.552	F(11)
K	32	1111.323	349.205	343.865	344.201	343.529	K(10)
L	33	1149.017	306.507	301.167	301.503	300.831	L(9)
N	34	1187.693	268.912	263.572	263.908	263.236	N(8)
K	35	1229.730	230.796	225.456	225.794	225.122	K(7)
K	36	1272.428	188.099	182.759	183.096	182.424	K(6)
A	37	1296.107	145.401	140.061	140.397	139.725	A(5)
A	38	1319.786	121.722	116.382	116.718	116.046	A(4)
S	39	1348.767	86.043	80.703	81.039	80.367	S(3)
G	40	1367.804	69.133	63.793	64.129	63.457	G(2)
E	41	1410.818	50.025	44.685	45.021	44.349	E(1)

sp | P43277 | H13_MOUSE

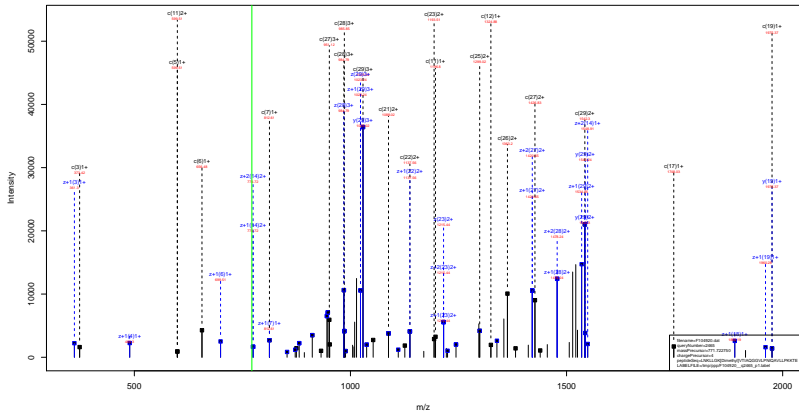
KNNSRIKLGLKSLVSKGTLVQTK ^{Dimethyl} 28.03 GTGASGSFKLNKKAASGE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=75.55
- ▶ F104915.dat
- ▶ query=q1504_p1
- ▶ precursor=847.088850
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	#s1	#s2	#s3	AA	
R	3	37.280	1058.612	1054.607	1054.850	1054.355	K(4)
N	2	65.798	1026.588	1022.583	1022.635	1022.311	N(40)
N	3	94.309	998.077	994.073	994.324	993.821	N(30)
S	4	118.007	969.566	965.562	965.814	965.310	S(38)
R	5	155.092	947.808	943.804	944.056	943.552	R(37)
I	6	183.263	926.763	924.779	925.030	924.527	I(36)
I	7	213.387	908.512	905.507	906.759	906.256	I(25)
L	8	243.658	888.488	884.484	884.736	884.232	L(34)
G	9	257.914	820.217	816.213	816.465	815.961	G(33)
L	10	288.125	805.962	801.957	802.209	801.705	L(32)
K	11	318.208	777.691	773.686	773.938	773.434	K(31)
S	12	339.966	748.581	744.583	744.818	744.311	S(30)
L	13	368.237	723.909	719.905	720.157	719.651	L(28)
V	14	393.004	695.638	691.634	691.886	691.382	V(28)
S	15	414.762	670.871	666.866	667.118	666.614	S(27)
K	16	446.706	649.113	645.108	645.360	644.857	K(26)
G	17	461.042	617.089	613.085	613.337	612.833	G(25)
T	18	488.973	602.834	598.833	599.084	598.577	T(24)
L	19	514.574	577.572	573.567	573.819	573.315	L(23)
V	20	539.342	549.301	545.296	545.548	545.044	V(22)
Q	21	571.356	524.534	520.529	520.781	520.277	Q(21)
T	22	596.618	492.519	488.515	488.767	488.263	T(20)
K	23	635.950	460.252	456.253	456.505	456.001	K(19)
G	24	669.962	428.225	424.221	424.473	423.969	G(18)
T	25	695.187	413.971	409.966	410.218	409.714	T(17)
G	26	669.422	388.709	384.704	384.956	384.452	G(16)
A	27	707.182	374.453	370.449	370.701	370.197	A(15)
S	28	728.940	356.094	352.089	352.341	351.837	S(14)
G	29	743.195	334.936	330.931	331.183	330.679	G(13)
S	30	754.953	320.681	316.676	316.928	316.424	S(12)
F	31	801.720	298.923	294.918	295.170	294.666	F(11)
K	32	833.744	282.155	278.151	278.403	277.899	K(10)
L	33	865.015	230.132	226.127	226.379	225.875	L(9)
T	34	890.526	208.081	204.082	204.334	203.830	T(8)
K	35	922.349	173.350	169.345	169.597	169.093	K(7)
K	36	954.573	141.326	137.322	137.574	137.070	K(6)
A	37	972.332	109.303	105.298	105.550	105.046	A(5)
A	38	990.092	91.543	87.539	87.790	87.287	A(4)
S	39	111.558	73.784	69.779	70.031	69.527	S(3)
G	40	1026.105	52.026	48.021	48.273	47.769	G(2)
E	41	1058.356	37.771	33.766	34.018	33.514	E(1)

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=77.22
- ▶ F104920.dat
- ▶ query=q2465_p1
- ▶ precursor=771.722750
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2935.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	636.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1925.111	1809.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1862.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=77.22
- ▶ F104920.dat
- ▶ query=q2465_p1
- ▶ precursor=771.722750
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L126
N12	123.054	1485.905	1477.898	1478.402	1477.304	N20
K13	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.759	1251.755	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
T19	506.840	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	982.117	981.675	980.667	A19
G12	662.937	933.066	945.053	945.557	944.549	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	830.035	782.477	774.468	774.972	773.964	L14
T17	874.561	728.935	721.925	721.930	721.423	T13
N18	931.583	677.400	669.390	669.903	668.895	N12
I19	988.125	620.867	612.878	612.882	611.874	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.754	407.258	406.251	L17
L24	1250.291	358.221	350.213	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.805	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1474.838	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=77.22
- ▶ F104920.dat
- ▶ query=q2465_p1
- ▶ precursor=771.722750
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	900.941	985.601	985.937	985.265	N[20]
K[3]	125.090	952.920	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.104	867.530	866.898	L[25]
Q[6]	239.887	824.337	820.499	820.835	820.163	Q[24]
K[7]	271.529	815.832	810.402	810.828	810.156	K[23]
V[8]	304.552	783.700	758.450	758.786	758.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.920	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	699.380	654.050	654.386	653.714	A[19]
Q[12]	442.294	630.711	630.374	630.707	630.035	Q[19]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.341	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	583.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.938	446.266	T[12]
I[19]	659.886	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.148	233.476	L[6]
P[25]	866.214	201.455	196.116	196.451	195.780	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.400	121.061	121.402	120.730	K[3]
T[28]	985.293	83.700	78.361	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=63.27
- ▶ F104920.dat
- ▶ query=q2466_p1
- ▶ precursor=771.723940
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[20]
N[2]	245.161	2970.808	2954.789	2938.797	2953.781	N[20]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	597.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	656.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.133	1961.143	1959.127	A[19]
Q[12]	1214.857	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1661.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.908	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=63.27
- ▶ F104920.dat
- ▶ query=q2466_p1
- ▶ precursor=771.723940
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.936	L129
N1	123.054	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.889	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1356.829	1357.333	1356.325	L126
L1	300.216	1308.297	1300.287	1300.791	1299.783	L125
G1	358.759	1251.755	1243.745	1244.249	1243.241	G124
K1	406.799	1223.244	1215.234	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
T1	506.849	1095.646	1087.637	1088.141	1087.133	T121
T1	563.390	1045.123	1037.113	1037.617	1036.609	T120
A1	608.909	998.561	992.551	993.055	992.047	A119
G1	662.937	953.065	945.053	945.557	944.549	G118
G1	691.448	889.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.513	853.017	852.009	G116
V1	769.493	832.011	824.002	824.506	823.498	V115
L1	835.035	782.477	774.468	774.972	773.964	L114
T1	874.561	728.935	721.926	722.430	721.422	T113
N1	911.553	677.400	669.390	669.893	668.885	N112
I1	968.125	620.867	612.858	613.362	612.354	I111
Q1	1052.154	563.845	555.836	556.340	555.332	Q110
A1	1087.673	499.816	491.807	492.310	491.303	A10
V1	1137.207	484.297	476.288	476.792	475.784	V10
L1	1193.749	414.763	406.754	407.258	406.250	L10
L1	1250.291	358.221	350.212	350.716	349.708	L10
P1	1298.817	301.679	293.670	294.174	293.166	P10
K1	1362.865	253.153	245.143	245.647	244.639	K10
K1	1426.912	189.105	181.096	181.600	180.592	K10
T1	1477.436	125.058	117.048	117.552	116.544	T10
E1	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=63.27
- ▶ F104920.dat
- ▶ query=q2466_p1
- ▶ precursor=771.723940
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.577	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	900.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.513	867.194	867.530	866.898	L[25]
Q[6]	239.287	834.839	829.499	829.835	829.163	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	783.700	778.450	778.786	778.114	V[22]
T[9]	338.234	736.767	725.427	725.763	725.091	T[21]
I[10]	375.920	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	699.380	654.050	654.386	653.714	A[19]
Q[12]	442.294	635.711	630.371	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	583.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.939	446.267	T[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.537	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.156	233.484	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=124.21
- ▶ F104920.dat
- ▶ query=q2467_p1
- ▶ precursor=771.724450
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	2067.873	0.000	3056.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	3840.740	3841.754	2839.738	K[27]
L[4]	486.340	3728.670	2712.651	2713.659	3711.643	L[26]
L[5]	599.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	636.445	2502.502	2486.483	2487.491	2485.473	G[24]
K[7]	812.572	2045.480	2429.455	2430.469	2425.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1076.154	1093.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1906.111	1889.090	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1603.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1748.116	1430.883	1434.864	1435.872	1433.856	T[13]
N[18]	1862.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1119.664	1111.672	1109.656	Q[10]
A[21]	2174.328	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	827.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	626.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.050	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=124.21
- ▶ F104920.dat
- ▶ query=q2467_p1
- ▶ precursor=771.724450
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	9.504	1533.930	L128
N12	123.084	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.208	1251.795	1243.745	1244.249	1243.241	G124
K17	406.750	1223.244	1215.234	1215.738	1214.731	K123
V18	456.224	1145.181	1137.171	1137.675	1136.667	V122
T19	506.640	1095.646	1087.637	1088.141	1087.133	T121
T110	563.390	1045.123	1037.113	1037.617	1036.609	T120
A111	598.908	988.581	980.571	981.075	980.067	A119
G112	662.977	933.066	945.053	945.557	944.549	G118
G113	691.448	889.033	881.023	881.527	880.519	G117
G114	719.959	860.522	852.513	853.017	852.009	G116
V115	769.493	832.011	824.002	824.506	823.498	V115
L116	838.035	782.477	774.468	774.972	773.964	L114
T117	874.561	725.935	717.925	718.930	717.922	T115
N118	911.583	677.620	669.399	669.903	668.895	N112
I119	988.125	620.387	612.378	612.882	611.874	I111
Q120	1052.154	563.845	555.836	556.340	555.332	Q110
A121	1087.673	499.816	491.807	492.310	491.303	A10
V122	1137.207	484.297	476.288	476.792	475.784	V18
L123	1193.749	414.763	406.754	407.258	406.251	L17
L124	1250.291	358.221	350.213	350.716	349.708	L16
P125	1298.817	301.678	293.670	294.174	293.166	P15
K126	1362.805	253.153	245.143	245.647	244.639	K14
K127	1426.912	189.105	181.096	181.600	180.592	K13
T128	1477.436	125.058	117.048	117.552	116.544	T12
E129	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

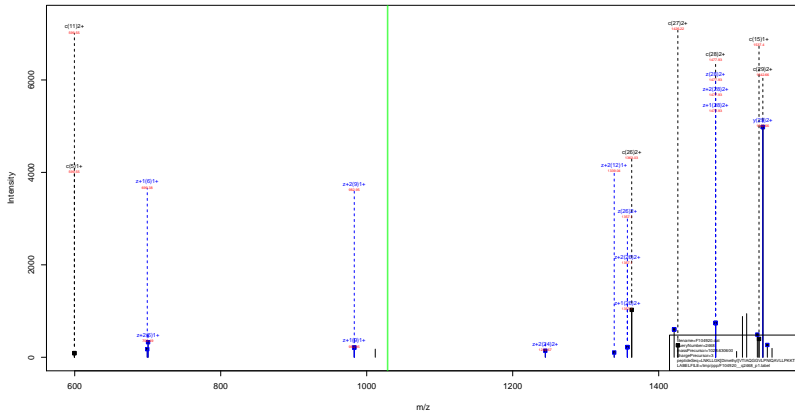
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=124.21
- ▶ F104920.dat
- ▶ query=q2467_p1
- ▶ precursor=771.724450
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	900.941	985.601	985.937	985.265	N[20]
K[3]	125.060	952.920	947.507	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.513	867.104	867.530	866.888	L[25]
Q[6]	239.487	834.839	829.409	829.835	829.163	Q[24]
K[7]	271.529	815.832	810.402	810.828	810.156	K[23]
V[8]	304.552	793.700	788.450	788.786	788.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.920	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	699.380	654.050	654.386	653.714	A[19]
Q[12]	442.294	630.711	630.374	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.341	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	583.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.938	446.266	T[12]
I[19]	659.886	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.810	234.146	233.474	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.400	121.060	121.402	120.730	K[3]
T[28]	985.293	83.700	78.366	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.53
- ▶ F104920.dat
- ▶ query=q2468_p1
- ▶ precursor=1028.630600
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	131.118	2083.892	2067.873	0.000	2066.865	L 29
N 2	245.161	2970.808	2954.789	2955.797	2953.781	N 28
K 3	373.256	2856.765	2840.746	2841.754	2839.738	K 27
L 4	488.240	2738.670	2712.651	2713.659	2711.643	L 26
L 5	599.424	2615.588	2599.567	2600.575	2598.559	L 25
G 6	656.445	2502.502	2486.481	2487.491	2485.475	G 24
K 7	812.572	2448.488	2429.462	2430.469	2428.454	K 23
V 8	911.640	2389.354	2373.335	2374.343	2372.327	V 22
T 9	1012.888	2330.288	2314.267	2315.275	2313.259	T 21
I 10	1125.772	2089.239	2073.219	2074.227	2072.211	I 20
A 11	1196.609	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.887	1925.111	1889.088	1890.106	1888.090	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.910	1720.037	1704.018	1705.026	1703.010	G 16
V 15	1537.979	1663.015	1646.997	1648.004	1646.989	V 15
L 16	1651.063	1563.947	1547.928	1548.936	1546.920	L 14
P 17	1748.116	1450.863	1434.844	1435.852	1433.836	P 13
TW 18	1862.159	1353.810	1337.790	1338.799	1336.783	TW 12
I 19	1975.243	1239.787	1223.768	1224.776	1222.761	I 11
Q 20	2103.301	1120.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.338	998.624	982.606	983.614	981.598	A 9
V 22	2273.407	827.587	911.569	912.576	910.561	V 8
L 23	2386.491	628.519	812.500	813.508	811.492	L 7
L 24	2499.576	435.435	695.416	700.424	698.408	L 6
T 25	2599.638	602.351	586.332	587.340	585.324	T 5
K 26	2724.723	505.298	489.279	490.287	488.271	K 4
K 27	2852.818	377.203	361.184	362.192	360.177	K 3
T 28	2963.865	249.108	233.089	234.097	232.082	T 2
E 29	3082.908	148.060	132.942	133.950	131.934	E 1

sp | Q6GSS7 | H2A2A_MOUSE

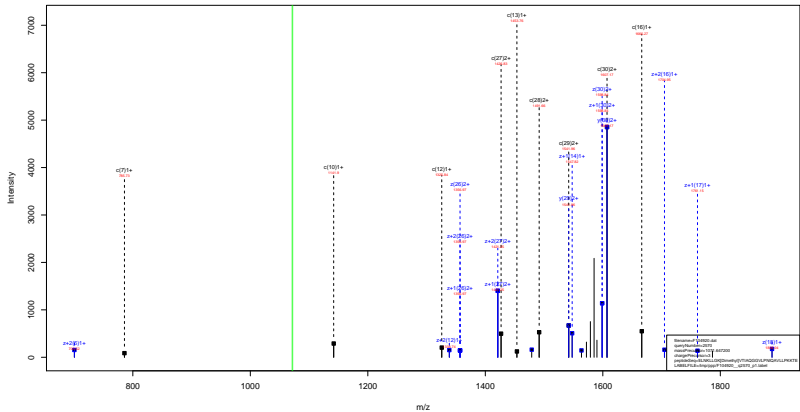
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.53
- ▶ F104920.dat
- ▶ query=q2468_p1
- ▶ precursor=1028.630600
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.394	N020
K13	187.132	1428.889	1420.877	1421.381	1420.373	K027
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.241	G024
K17	406.799	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
F19	506.849	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T020
A11	598.908	988.581	980.571	981.075	980.067	A119
G12	662.937	953.065	945.055	945.559	944.551	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
F17	874.581	728.935	720.925	721.429	720.421	F113
N18	931.583	677.400	669.390	669.893	668.885	N112
I19	988.125	620.867	612.857	613.361	612.353	I111
Q20	1052.154	563.845	555.836	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.311	491.303	A10
V22	1127.207	484.297	476.288	476.792	475.784	V10
L23	1193.749	414.763	406.754	407.258	406.250	L11
L24	1250.291	358.221	350.212	350.716	349.708	L10
P25	1298.817	301.679	293.670	294.174	293.166	P10
K26	1362.865	253.153	245.143	245.647	244.639	K10
K27	1426.912	189.105	181.096	181.600	180.592	K10
T28	1477.436	125.058	117.048	117.552	116.544	T10
E29	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.48
- ▶ F104920.dat
- ▶ query=q2570_p1
- ▶ precursor=1071.647200
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
E	1	147.076	3211.934	3196.918	0.000	3195.908	E	30
L	2	260.150	3083.962	3067.913	0.000	3066.905	L	29
N	3	374.203	2970.808	2954.789	2955.707	2953.781	N	28
K	4	502.298	2856.705	2840.748	2841.754	2839.730	K	27
L	5	615.352	2728.670	2712.651	2713.659	2711.641	L	26
L	6	728.446	2615.586	2599.587	2600.575	2598.559	L	25
G	7	785.488	2502.502	2486.483	2487.491	2485.475	G	24
K	8	941.614	2345.480	2329.462	2330.469	2328.454	K	23
V	9	1050.663	2239.354	2223.335	2224.343	2222.327	V	22
T	10	1141.730	2160.286	2144.267	2145.275	2143.259	T	21
I	11	1254.814	2089.235	2073.216	2074.222	2072.211	I	20
A	12	1325.851	1976.154	1960.135	1961.143	1959.127	A	19
Q	13	1453.910	1905.117	1889.098	1890.106	1888.090	Q	18
G	14	1510.932	1777.058	1761.039	1762.047	1760.032	G	17
C	15	1587.963	1720.037	1704.018	1705.026	1703.010	C	16
V	16	1667.021	1663.015	1646.997	1648.004	1646.989	V	15
L	17	1780.105	1563.947	1547.928	1548.936	1546.920	L	14
P	18	1877.158	1450.861	1434.844	1435.852	1433.836	P	13
N	19	1991.201	1353.810	1337.791	1338.799	1336.783	N	12
I	20	2104.285	1239.767	1223.748	1224.756	1222.741	I	11
Q	21	2232.344	1126.683	1110.664	1111.672	1109.656	Q	10
A	22	2303.351	1088.624	1072.605	1073.614	1071.598	A	9
V	23	2402.449	927.587	911.569	912.576	910.561	V	8
L	24	2515.533	828.519	812.500	813.508	811.492	L	7
L	25	2628.617	715.435	699.416	700.424	698.408	L	6
T	26	2725.670	602.381	586.362	587.370	585.354	T	5
K	27	3853.765	595.295	489.276	490.282	488.277	K	4
K	28	2981.860	377.263	361.244	362.252	360.237	K	3
T	29	3082.908	249.198	233.180	234.187	232.182	T	2
E	30	3211.950	148.060	132.042	133.050	131.034	E	1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.48
- ▶ F104920.dat
- ▶ query=q2570_p1
- ▶ precursor=1071.647200
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E 1	74.042	1606.971	1598.962	0.504	1598.458	E 30
L 2	130.504	1542.450	1534.440	0.504	1533.930	L 29
N 3	187.605	1485.908	1477.898	1478.402	1477.391	N 28
K 4	251.653	1428.889	1429.877	1421.361	1420.371	K 27
L 5	308.136	1364.830	1356.829	1357.333	1356.325	L 26
L 6	364.737	1308.297	1300.287	1300.791	1299.783	L 25
G 7	381.240	1251.735	1243.745	1244.249	1243.241	G 24
K 8	471.311	1223.244	1215.234	1215.738	1214.731	K 23
V 9	520.845	1148.181	1137.171	1137.675	1136.667	V 22
T 10	573.369	1095.646	1087.637	1088.141	1087.133	T 21
I 11	627.911	1045.123	1037.113	1037.617	1036.609	I 20
A 12	683.429	988.581	980.571	981.075	980.067	A 19
Q 13	727.450	933.062	945.053	945.557	944.549	Q 18
G 14	755.969	889.033	881.023	881.527	880.519	G 17
C 15	784.480	860.522	862.513	863.017	862.009	C 16
V 16	834.014	832.011	824.002	824.506	823.497	V 15
L 17	890.556	782.477	774.468	774.972	773.964	L 14
F 18	936.083	725.935	717.926	718.430	717.422	F 13
N 19	996.104	677.409	669.399	669.903	668.895	N 12
I 20	1052.646	620.387	612.378	612.882	611.874	I 11
Q 21	1118.678	563.845	565.836	566.340	565.332	Q 10
A 22	1152.194	499.816	491.807	492.310	491.303	A 9
V 23	1201.728	464.297	456.288	456.792	455.784	V 8
L 24	1258.270	414.763	406.754	407.258	406.250	L 7
L 25	1314.812	358.221	350.212	350.716	349.708	L 6
T 26	1353.328	306.679	298.670	299.174	298.166	T 5
K 27	1427.386	251.153	243.143	243.647	242.639	K 4
K 28	1491.434	189.055	181.046	181.550	180.542	K 3
T 29	1541.958	125.058	117.048	117.552	116.544	T 2
E 30	1606.479	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=135.22
- ▶ F104920.dat
- ▶ query=q2571_p1
- ▶ precursor=803.988030
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E 1	147.076	3212.934	3106.916	0.000	3195.908	E 30
L 2	200.160	3083.892	3067.873	0.000	3056.855	L 29
N 3	314.203	2970.808	2954.789	2935.797	2953.781	N 28
K 4	502.298	2856.765	2840.746	2841.754	2839.735	K 27
L 5	615.382	2728.670	2712.651	2713.659	2711.643	L 26
L 6	728.466	2615.586	2599.567	2600.575	2598.559	L 25
G 7	785.488	2502.500	2486.481	2487.491	2485.475	G 24
K 8	941.614	2445.480	2429.462	2430.469	2428.454	K 23
V 9	1040.663	2289.354	2273.335	2274.343	2272.327	V 22
T 10	1141.730	2190.288	2174.267	2175.275	2173.259	T 21
N 11	1254.814	2089.238	2073.219	2074.227	2072.211	N 20
A 12	1325.851	1976.154	1960.135	1961.143	1959.127	A 19
Q 13	1453.910	1905.117	1889.098	1890.106	1888.090	Q 18
G 14	1510.932	1777.050	1761.030	1762.047	1760.032	G 17
G 15	1567.953	1720.010	1704.000	1705.026	1703.010	G 16
V 16	1667.023	1663.013	1649.007	1648.004	1645.989	V 15
L 17	1780.108	1563.947	1547.928	1548.938	1546.920	L 14
P 18	1877.158	1450.863	1434.844	1435.852	1433.836	P 13
N 19	1991.201	1353.810	1337.791	1338.799	1336.783	N 12
T 20	2104.285	1239.767	1223.748	1224.756	1222.741	T 11
Q 21	2232.244	1126.683	1110.664	1111.672	1109.655	Q 10
A 22	2303.261	999.624	982.606	983.614	981.598	A 9
V 23	2402.449	927.587	911.569	912.576	910.561	V 8
L 24	2515.533	828.519	812.500	813.508	811.492	L 7
L 25	2628.617	715.435	699.416	700.424	698.408	L 6
P 26	2725.670	602.351	586.333	587.340	585.324	P 5
K 27	2833.705	509.266	489.249	490.257	488.241	K 4
K 28	2981.800	377.203	361.184	362.192	360.177	K 3
T 29	3062.908	249.108	233.089	234.097	232.082	T 2
E 30	3211.950	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=135.22
- ▶ F104920.dat
- ▶ query=q2571_p1
- ▶ precursor=803.988030
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E 1	74.042	1606.971	1598.962	0.504	1598.458	E 30
L 2	130.504	1542.450	1534.440	0.504	1533.930	L 29
N 3	187.605	1485.908	1477.898	1470.402	1477.394	N 28
K 4	251.653	1428.889	1420.877	1413.381	1413.371	K 27
L 5	308.195	1364.830	1356.820	1357.333	1356.325	L 26
L 6	364.737	1308.297	1300.287	1300.791	1299.783	L 25
G 7	381.240	1251.735	1243.745	1244.249	1243.241	G 24
K 8	471.311	1223.244	1215.234	1215.738	1214.731	K 23
V 9	530.845	1145.181	1137.171	1137.675	1138.967	V 22
T 10	573.389	1095.646	1087.637	1088.141	1087.133	T 21
I 11	627.931	1045.123	1037.113	1037.617	1039.009	I 20
A 12	683.470	988.581	980.571	981.075	980.067	A 19
Q 13	727.459	933.062	945.053	945.557	944.549	Q 18
G 14	755.969	889.033	881.023	881.527	880.519	G 17
G 15	794.480	869.522	852.513	853.017	852.009	G 16
V 16	834.014	832.011	824.002	824.506	823.498	V 15
L 17	890.556	782.477	774.468	774.972	773.964	L 14
F 18	939.083	725.935	717.926	718.430	717.422	F 13
N 19	996.104	677.409	669.399	669.903	668.895	N 12
I 20	1052.646	620.387	612.378	612.882	611.874	I 11
Q 21	1116.676	563.845	555.836	556.340	555.332	Q 10
A 22	1152.194	499.816	491.807	492.310	491.302	A 9
V 23	1201.728	464.297	456.288	456.792	455.784	V 8
L 24	1258.270	414.763	406.754	407.258	406.250	L 7
L 25	1314.812	358.221	350.212	350.716	349.708	L 6
T 26	1363.339	301.679	293.670	294.174	293.166	T 5
K 27	1427.386	253.153	245.143	245.647	244.639	K 4
K 28	1491.434	189.105	181.096	181.600	180.592	K 3
T 29	1541.958	125.058	117.048	117.552	116.544	T 2
E 30	1606.479	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=135.22
- ▶ F104920.dat
- ▶ query=q2571_p1
- ▶ precursor=803.988030
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
E	1	49.697	1071.650	1066.310	0.672	1065.974	E[30]
L	2	87.302	1028.635	1023.296	0.672	1022.960	L[29]
K	3	125.406	990.941	985.601	0.672	985.265	K[28]
R	4	168.204	952.926	947.587	0.672	947.251	R[27]
L	5	205.799	910.228	904.889	0.672	904.553	L[26]
L	6	243.494	872.531	867.194	0.672	866.858	L[25]
G	7	282.501	834.839	829.499	0.672	829.163	G[24]
K	8	314.543	815.832	810.492	0.672	810.156	K[23]
V	9	347.566	783.790	778.450	0.672	778.114	V[22]
T	10	381.248	750.767	745.427	0.672	745.091	T[21]
I	11	418.943	697.084	691.744	0.672	691.408	I[20]
A	12	442.622	659.389	654.050	0.672	653.714	A[19]
Q	13	485.308	635.711	630.371	0.672	630.035	Q[18]
G	14	504.315	593.024	587.685	0.672	587.349	G[17]
G	15	523.223	574.017	568.678	0.672	568.342	G[16]
V	16	556.345	559.011	549.670	0.672	549.334	V[15]
L	17	594.040	521.987	516.648	0.672	516.312	L[14]
P	18	626.891	484.202	478.863	0.672	478.527	P[13]
N	19	664.405	451.942	446.602	0.672	446.266	N[12]
I	20	702.100	413.927	408.588	0.672	408.252	I[11]
Q	21	744.786	376.213	370.873	0.672	370.537	Q[10]
A	22	788.465	333.546	328.207	0.672	327.871	A[9]
V	23	801.488	309.961	304.622	0.672	304.286	V[8]
L	24	839.183	276.844	271.505	0.672	271.169	L[7]
L	25	876.877	239.150	233.811	0.672	233.474	L[6]
P	26	909.228	201.455	196.116	0.672	195.780	P[5]
K	27	873.827	189.104	183.765	0.672	183.429	K[4]
K	28	994.625	129.420	124.081	0.672	123.745	K[3]
T	29	1028.307	83.708	78.368	0.672	78.032	T[2]
E	30	1071.822	50.025	44.685	0.672	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.10
- ▶ F104921.dat
- ▶ query=q2048_p1
- ▶ precursor=1028.634200
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	2083.892	2067.873	0.000	2066.865	L29
N2	245.161	2970.808	2954.789	2955.797	2953.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	488.240	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.585	2599.567	2600.575	2598.559	L25
G6	656.445	2502.500	2486.481	2487.491	2485.475	G24
K7	812.572	2445.468	2429.450	2430.459	2428.454	K23
V8	911.640	2289.354	2273.335	2274.343	2272.327	V22
I9	1012.688	2130.288	2114.269	2115.275	2113.259	I21
I10	1125.772	2089.239	2073.219	2074.227	2072.211	I20
A11	1196.609	1976.154	1960.135	1961.143	1959.127	A19
Q12	1224.887	1925.111	1889.090	1890.106	1888.090	Q19
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V15	1537.879	1663.015	1646.997	1648.004	1646.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
P17	1748.116	1450.863	1434.844	1435.852	1433.836	P13
TW18	1862.159	1353.810	1337.790	1338.799	1336.783	TW12
I19	2075.243	1239.787	1223.768	1224.776	1222.761	I11
Q20	2103.301	1120.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	827.587	911.569	912.576	910.561	V8
L23	2386.491	628.519	812.500	813.508	811.492	L7
L24	2489.576	435.435	695.416	700.424	698.408	L6
L25	2599.638	602.351	586.332	587.340	585.324	L5
K26	2724.723	505.295	489.279	490.287	488.271	K4
K27	2852.818	377.203	361.184	362.192	360.177	K3
T28	2963.865	249.108	233.089	234.097	232.082	T2
E29	3082.908	148.060	132.942	133.950	131.934	E1

sp | Q6GSS7 | H2A2A_MOUSE

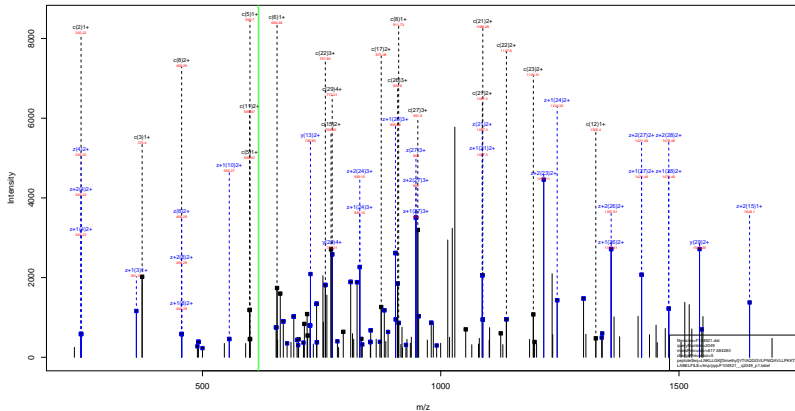
LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.10
- ▶ F104921.dat
- ▶ query=q2048_p1
- ▶ precursor=1028.634200
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.304	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.849	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A119
G12	662.937	933.065	925.055	925.559	924.551	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
F17	874.581	728.935	720.925	721.429	720.421	F113
N18	931.583	677.400	669.390	669.893	668.885	N112
I19	988.125	620.867	612.857	613.361	612.353	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A11	1087.673	499.816	491.807	492.311	491.303	A10
V12	1127.207	484.297	476.288	476.792	475.784	V10
L13	1193.769	414.763	406.754	407.258	406.250	L11
L14	1250.291	358.221	350.212	350.716	349.708	L10
P15	1298.817	301.679	293.670	294.174	293.166	P10
K16	1362.865	253.153	245.143	245.647	244.639	K14
K17	1426.912	189.105	181.096	181.600	180.592	K13
T18	1477.436	125.058	117.048	117.552	116.544	T12
E19	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.31
- ▶ F104921.dat
- ▶ query=q2049_p1
- ▶ precursor=617.584280
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.865	L[29]
N[2]	245.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.705	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	656.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2388.354	2373.335	2374.343	2372.327	V[22]
T[9]	1017.688	2190.288	2174.269	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1195.869	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.093	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.055	1761.036	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.874	1435.882	1433.866	P[13]
Tu[18]	1852.159	1383.810	1337.791	1338.799	1336.783	Tu[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2951.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3087.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.31
- ▶ F104921.dat
- ▶ query=q2049_p1
- ▶ precursor=617.584280
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L126
N12	123.054	1485.905	1477.898	1478.402	1477.304	N020
K13	157.132	1428.889	1420.877	1421.381	1420.373	K027
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	339.759	1251.755	1243.745	1244.249	1243.241	G049
K17	406.799	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
F19	506.640	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T020
A11	596.908	1008.211	990.571	991.075	990.067	A119
G12	602.837	953.062	945.053	945.557	944.549	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	838.035	782.477	774.468	774.972	773.964	L114
F17	874.561	725.935	717.926	718.430	717.422	F113
N18	931.553	677.409	669.399	669.903	668.895	N012
I19	988.125	620.387	612.378	612.882	611.874	I011
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A11	1087.673	499.816	491.807	492.311	491.303	A10
V22	1137.207	484.297	456.288	456.792	455.784	V18
L23	1193.749	414.763	406.753	407.257	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P15
K26	1362.895	253.153	245.143	245.647	244.639	K14
K27	1426.912	199.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.049	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=72.31
- ▶ F104921.dat
- ▶ query=q2049_p1
- ▶ precursor=617.584280
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.035	1021.295	0.672	1022.960	L29
N2	82.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.587	947.923	947.251	K27
L4	163.385	910.228	904.889	905.225	904.553	L26
L5	200.479	872.533	867.194	867.530	866.858	L25
G6	239.487	834.839	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	793.790	758.450	758.786	758.114	V22
Y9	338.234	730.767	725.427	725.763	725.091	Y21
V10	375.929	697.084	691.745	692.081	691.409	V20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	635.710	592.711	630.707	630.336	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.343	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
T19	659.086	413.927	408.588	408.924	408.252	T11
Q20	701.772	376.231	370.893	371.229	370.567	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.807	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P5
K26	908.912	169.104	163.765	164.101	163.429	K4
K27	951.611	126.806	121.468	121.802	120.790	K3
L28	985.293	83.709	78.369	78.704	78.032	L2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=72.31
- ▶ F104921.dat
- ▶ query=q2049_p1
- ▶ precursor=617.584280
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
L	1	33.535	771.728	767.724	0.756	767.472	L	29
N	2	62.046	743.451	739.453	739.705	739.201	N	28
K	3	94.059	714.947	710.942	711.194	710.690	K	27
L	4	122.340	687.923	678.918	678.170	678.666	L	26
L	5	150.611	654.652	650.647	650.899	650.395	L	25
G	6	164.867	626.381	622.376	622.628	622.124	G	24
K	7	203.898	612.126	608.121	608.373	607.869	K	23
V	8	228.665	573.094	569.089	569.341	568.837	V	22
T	9	253.927	548.327	544.322	544.574	544.070	T	21
T	10	262.198	523.065	519.060	519.312	518.808	T	20
A	11	269.958	494.794	490.789	491.041	490.537	A	19
Q	12	331.972	477.035	473.030	473.282	472.778	Q	18
G	13	346.228	445.020	441.015	441.267	440.763	G	17
G	14	360.483	430.765	426.760	427.012	426.508	G	16
V	15	385.250	416.509	412.504	412.757	412.253	V	15
L	16	413.521	391.742	387.737	387.989	387.486	L	14
P	17	437.784	363.471	359.466	359.718	359.215	P	13
N	18	466.295	339.208	335.203	335.455	334.951	N	12
T	19	494.566	310.897	306.891	307.143	306.641	T	11
Q	20	526.381	282.426	278.422	278.673	278.170	Q	10
A	21	544.340	250.412	246.407	246.659	246.155	A	9
V	22	569.107	232.652	228.646	228.898	228.395	V	8
L	23	597.378	207.885	203.881	204.132	203.629	L	7
L	24	625.649	179.614	175.609	175.861	175.358	L	6
P	25	649.912	151.343	147.338	147.590	147.087	P	5
K	26	681.936	127.080	123.075	123.327	122.823	K	4
K	27	713.960	95.056	91.052	91.304	90.800	K	3
T	28	739.222	63.032	59.028	59.280	58.776	T	2
E	29	771.482	37.771	33.766	34.018	33.514	E	1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=84.23
- ▶ F104921.dat
- ▶ query=q2050_p1
- ▶ precursor=771.728780
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1450.863	1434.844	1435.852	1433.836	F[13]
TW[18]	1867.159	1383.810	1337.791	1338.799	1336.783	TW[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2951.905	249.108	233.089	234.097	232.082	T[2]
E[29]	3087.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=84.23
- ▶ F104921.dat
- ▶ query=q2050_p1
- ▶ precursor=771.728780
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L120
N1	123.054	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.889	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1356.829	1357.333	1356.325	L126
L1	300.216	1308.297	1300.287	1300.791	1299.783	L125
G1	358.758	1251.755	1243.745	1244.249	1243.751	G124
K1	406.799	1223.244	1215.234	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
F1	506.848	1095.646	1087.637	1088.141	1087.133	F121
T1	563.390	1045.123	1037.113	1037.617	1036.609	T120
A1	598.908	988.581	980.571	981.075	980.067	A119
G1	662.937	933.065	925.053	925.557	924.549	G118
G1	691.448	889.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.513	853.017	852.009	G116
V1	769.493	832.011	824.002	824.506	823.498	V115
L1	826.035	782.477	774.468	774.972	773.964	L114
F1	874.581	728.935	721.925	722.429	721.421	F113
N1	931.583	677.402	669.392	669.896	668.888	N112
I1	988.125	620.867	612.857	613.361	612.353	I111
Q1	1052.154	563.845	555.835	556.340	555.332	Q110
A1	1087.673	499.816	491.807	492.311	491.303	A10
V1	1137.207	484.297	476.288	476.792	475.784	V10
L1	1193.749	414.763	406.754	407.258	406.250	L10
L1	1250.291	358.221	350.212	350.716	349.708	L10
P1	1298.817	301.679	293.670	294.174	293.166	P10
K1	1362.865	253.153	245.143	245.647	244.639	K10
K1	1426.912	189.105	181.096	181.600	180.592	K10
T1	1477.436	125.058	117.049	117.553	116.545	T10
E1	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=84.23
- ▶ F104921.dat
- ▶ query=q2050_p1
- ▶ precursor=771.728780
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.392	990.941	985.601	985.937	985.265	N[20]
K[3]	129.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.194	867.530	866.898	L[25]
Q[6]	219.487	834.839	829.499	829.835	829.163	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	783.790	778.450	778.786	778.114	V[22]
T[9]	338.234	736.767	731.427	731.763	731.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	659.389	654.050	654.386	653.714	A[19]
Q[12]	442.294	639.713	634.374	634.709	634.035	Q[19]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	563.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.938	446.266	T[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	729.461	333.540	328.201	328.537	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.156	233.484	L[6]
P[25]	866.214	201.455	196.116	196.451	195.780	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.400	121.061	121.402	120.730	K[3]
T[28]	985.293	83.700	78.366	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.02
- ▶ F104921.dat
- ▶ query=q397_p1
- ▶ precursor=483.250220
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
K 6	748.435	391.219	375.200	376.208	374.192	K 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=87.86
- ▶ F104923.dat
- ▶ query=q1944_p1
- ▶ precursor=771.724200
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[20]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[20]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2738.670	2712.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.585	2589.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.133	1961.141	1959.127	A[19]
Q[12]	1244.867	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.863	1474.844	1475.852	1473.836	F[13]
N[18]	1862.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=87.86
- ▶ F104923.dat
- ▶ query=q1944_p1
- ▶ precursor=771.724200
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
L	1	66.093	1542.450	1534.440	9.504	1533.936	L(28)
N	2	123.084	1485.905	1477.898	1478.402	1477.394	N(28)
K	3	187.132	1428.886	1420.877	1421.381		K(27)
L	4	243.674	1364.839	1356.829	1357.333	1356.325	L(26)
L	5	300.216	1308.297	1300.287	1300.791	1299.783	L(25)
G	6	356.758	1251.750	1243.745	1244.249		G(24)
K	7	406.790	1223.244	1215.234	1215.738	1214.731	K(23)
V	8	456.324	1145.181	1137.171	1137.675	1136.667	V(22)
F	9	506.840	1095.646	1087.637	1088.141	1087.133	F(21)
T	10	563.390	1045.123	1037.113	1037.617	1036.609	T(20)
A	11	598.908	988.581	980.571	981.075	980.067	A(19)
Q	12	662.937	933.060	943.053	943.557	944.549	Q(18)
G	13	691.448	889.033	881.023	881.527	880.519	G(17)
G	14	719.959	860.522	852.513	853.017	852.009	G(16)
V	15	769.493	832.011	824.002	824.506	823.498	V(15)
L	16	820.035	782.477	774.468	774.972	773.964	L(14)
F	17	874.561	728.935	717.925	718.430	717.422	F(13)
N	18	931.583	677.400	665.390	665.903	664.895	N(12)
I	19	988.125	620.867	612.858	612.862	611.874	I(11)
Q	20	1052.154	563.845	555.836	556.340	555.332	Q(10)
A	21	1087.673	499.816	491.807	492.310	491.303	A(9)
V	22	1167.267	484.297	456.288	456.792	455.784	V(8)
L	23	1193.749	414.763	406.754	407.258	406.250	L(7)
L	24	1250.291	358.221	350.212	350.716	349.708	L(6)
P	25	1298.817	301.679	293.670	294.174	293.166	P(5)
K	26	1362.805	253.153	245.143	245.647	244.639	K(4)
K	27	1426.912	189.105	181.096	181.600	180.592	K(3)
T	28	1477.436	125.058	117.048	117.552	116.544	T(2)
E	29	1541.958	74.534	66.524	67.028	66.021	E(1)

sp | Q6GSS7 | H2A2A_MOUSE

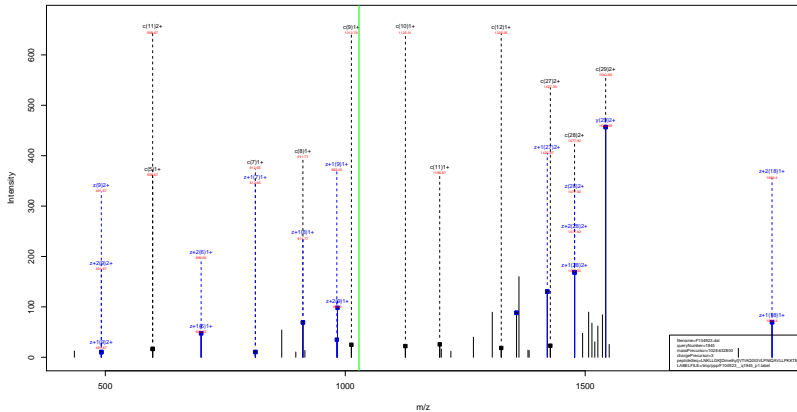
LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=87.86
- ▶ F104923.dat
- ▶ query=q1944_p1
- ▶ precursor=771.724200
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		0.672	1022.960 L 29
N 2	62.392	990.941	985.601	985.937		985.265 N 28
K 3	125.090	952.026	947.587	947.923		947.251 K 27
L 4	162.795	910.229	904.889	905.225	904.553	L 26
L 5	200.479	872.523	867.184	867.520	866.855	L 25
G 6	219.487	834.839	829.499	829.835	829.163	G 24
K 7	271.529	815.832	810.492	810.828	810.156	K 23
V 8	304.552	783.790	778.450	778.786	778.114	V 22
T 9	338.234	730.767	725.427	725.763	725.091	T 21
I 10	375.929	697.084	691.745	692.081	691.409	I 20
A 11	399.608	659.389	654.050	654.386	653.714	A 19
Q 12	442.294	636.720	630.374	630.707	630.035	Q 18
G 13	461.301	593.024	587.685	588.021	587.349	G 17
G 14	480.308	574.017	568.678	569.013	568.342	G 16
V 15	513.331	555.010	549.670	550.006	549.334	V 15
L 16	551.026	521.987	516.648	516.984	516.312	L 14
F 17	583.377	484.292	478.953	479.289	478.617	F 13
Tu 18	621.391	451.942	446.603	446.939	446.267	Tu 12
I 19	659.086	413.927	408.588	408.924	408.252	I 11
Q 20	701.772	376.213	370.893	371.229	370.557	Q 10
A 21	725.451	333.546	328.207	328.543	327.871	A 9
V 22	758.474	309.867	304.528	304.864	304.192	V 8
L 23	796.168	276.844	271.505	271.841	271.169	L 7
L 24	833.863	239.350	233.991	234.326	233.654	L 6
P 25	866.214	201.655	196.116	196.451	195.779	P 5
K 26	908.912	169.104	163.765	164.101	163.429	K 4
K 27	951.611	126.406	121.066	121.402	120.730	K 3
T 28	985.293	83.708	78.368	78.704	78.032	T 2
E 29	1028.307	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=27.97
- ▶ F104923.dat
- ▶ query=q1945_p1
- ▶ precursor=1028.632800
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L129
N2	345.161	2970.808	2954.789	2955.797	2951.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.585	2599.567	2600.575	2598.559	L25
Q6	614.448	2502.502	2486.483	2487.491	2485.475	Q24
K7	712.572	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2248.394	2273.335	2274.343	2272.327	V22
T9	1012.688	2100.288	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.867	1805.111	1889.098	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.015	1646.997	1648.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
F17	1748.116	1450.863	1434.844	1435.852	1433.836	F13
T18	1852.159	1383.810	1337.791	1338.799	1336.783	T12
I19	1975.243	1238.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.336	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.435	699.415	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2951.895	249.108	233.089	234.097	232.082	T2
E29	3082.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

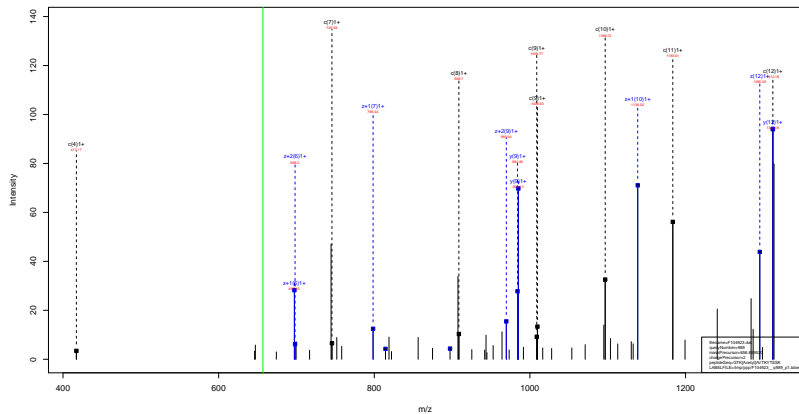
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=27.97
- ▶ F104923.dat
- ▶ query=q1945_p1
- ▶ precursor=1028.632800
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L19
N12	123.054	1485.905	1477.898	1478.402	1477.898	N20
K13	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.750	1251.755	1243.745	1244.249	1243.241	G24
K17	406.790	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
F19	506.840	1095.646	1087.637	1088.141	1087.133	F21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	596.908	988.581	980.571	981.075	980.067	A19
Q12	662.937	933.065	925.055	925.559	924.551	Q18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.512	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.035	782.477	774.468	774.972	773.964	L14
F17	874.581	728.935	720.925	721.429	720.421	F13
N18	931.583	677.400	669.390	669.893	668.885	N12
I19	988.125	620.867	612.857	613.361	612.353	I11
Q20	1052.154	563.845	555.835	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1127.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.753	407.257	406.250	L17
L24	1250.291	358.221	350.211	350.715	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.805	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.095	181.600	180.592	K3
T28	1471.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | P70696 | H2B1A_MOUSE

GTK ^{Acetyl} AVTKYTSSK
42.01



sp | P70696 | H2B1A_MOUSE

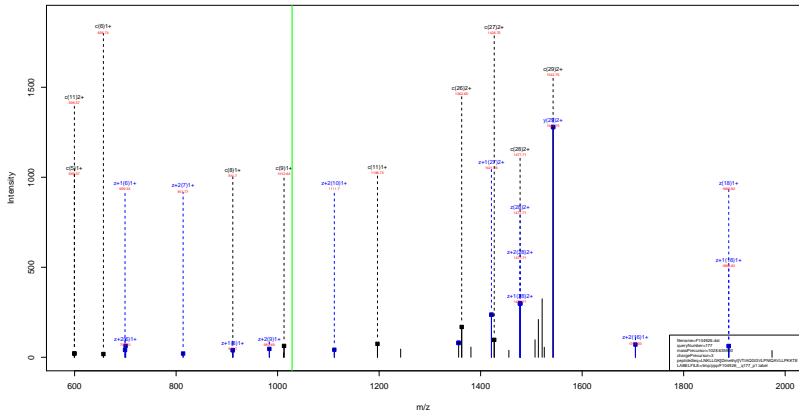
GTK^{Acetyl} 42.01 AVTKYTSSK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.02
- ▶ F104923.dat
- ▶ query=q989_p1
- ▶ precursor=656.859520
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G [1]	75.055	1312.711	1296.692	0.000	1295.084	G [12]
T [2]	178.103	1292.683	1279.674	0.000	1278.963	T [11]
K [3]	266.208	1154.962	1139.623	1139.613	1137.613	K [10]
A [4]	417.246	904.536	898.517	909.525	907.509	A [9]
V [5]	516.314	913.499	897.480	896.468	896.472	V [8]
T [6]	617.302	814.431	798.412	799.420	797.405	T [7]
K [7]	745.457	713.383	697.364	698.372	696.356	K [6]
V [8]	909.520	589.288	589.289	570.277	569.261	V [5]
T [9]	1009.568	422.225	408.206	407.214	405.190	T [4]
S [10]	1096.600	321.177	305.158	306.166	304.150	S [3]
S [11]	1183.632	234.145	218.126	219.134	217.118	S [2]
R [12]	1311.727	147.113	131.094	132.102	130.086	R [1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.66
- ▶ F104926.dat
- ▶ query=q177_p1
- ▶ precursor=1028.635900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	2067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.740	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	999.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	656.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.542	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2389.354	2373.335	2374.343	2372.327	V[22]
T[9]	1012.688	2190.266	2174.267	2175.275	2173.259	T[21]
T[10]	1125.772	2089.238	2073.219	2074.227	2072.211	T[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1214.857	1909.111	1893.098	1894.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1603.015	1648.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1768.116	1450.863	1434.844	1435.852	1433.836	T[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.605	983.614	981.598	A[9]
V[22]	2273.407	827.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	626.519	610.500	613.508	611.492	L[7]
L[24]	2499.575	715.435	695.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

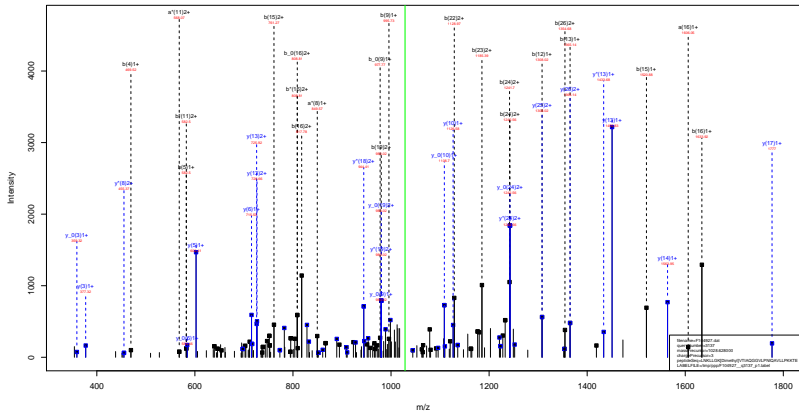
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=30.66
- ▶ F104926.dat
- ▶ query=q177_p1
- ▶ precursor=1028.635900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L120
N1	123.054	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.889	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1356.829	1357.333	1356.325	L126
L1	300.216	1308.297	1300.287	1300.791	1299.783	L125
G1	358.750	1251.755	1243.745	1244.249	1243.241	G124
K1	406.790	1223.244	1215.234	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
F1	506.840	1095.646	1087.637	1088.141	1087.133	F121
T1	563.390	1045.123	1037.113	1037.617	1036.609	T120
A1	598.908	988.581	980.571	981.075	980.067	A119
Q1	662.937	933.060	925.050	925.554	924.546	Q118
G1	691.448	889.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.512	853.017	852.009	G116
V1	769.493	832.011	824.002	824.506	823.498	V115
L1	826.035	782.477	774.468	774.972	773.964	L114
F1	874.581	728.935	720.925	721.429	720.421	F113
N1	931.583	677.400	669.390	669.893	668.885	N112
I1	988.125	620.867	612.857	613.361	612.353	I111
Q1	1052.154	563.845	555.835	556.340	555.332	Q110
A1	1087.673	499.816	491.807	492.311	491.303	A10
V1	1127.207	484.297	476.288	476.792	475.784	V10
L1	1193.769	414.763	406.753	407.257	406.250	L11
L1	1250.291	358.221	350.211	350.715	349.708	L10
P1	1298.817	301.679	293.670	294.174	293.166	P10
K1	1362.865	253.153	245.143	245.647	244.639	K10
K1	1426.912	189.105	181.096	181.600	180.592	K10
T1	1477.436	125.058	117.048	117.552	116.544	T10
E1	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=29.21
- ▶ F104927.dat
- ▶ query=q3137_p1
- ▶ precursor=1028.628000
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	a	a*	a,0	b	b*	b,0	r	y*	y,0	AA
L13	26.000	0.000	0.000	114.000	0.000	0.000	0.000	0.000	0.000	L129
N12	22.000	0.000	0.000	128.000	0.000	0.000	0.000	0.000	0.000	N104
K13	128.000	351.200	0.000	355.200	0.000	0.000	0.000	2878.700	2878.700	K129
L14	441.110	624.200	0.000	449.310	441.200	0.000	0.000	2738.670	2738.640	L128
L15	324.000	581.300	0.000	581.300	0.000	0.000	0.000	2688.200	2688.200	L120
G16	312.000	356.200	0.000	320.210	320.200	0.000	0.000	2550.000	2550.000	G104
K17	187.000	400.300	0.000	705.340	778.310	0.000	0.000	3440.480	3440.400	K123
V18	860.610	840.500	0.000	894.610	877.580	0.000	0.000	2272.920	2272.940	V122
T19	107.000	920.640	0.000	905.640	108.630	0.000	0.000	417.000	417.000	T121
I10	1080.750	1067.700	1067.700	1108.740	1091.710	1066.710	0.000	3087.310	3087.300	I100
A111	1151.700	1124.700	1124.700	1179.700	1162.730	1161.700	0.000	1819.120	1819.120	A109
Q121	1076.000	1020.400	1020.400	1081.840	1076.840	1076.840	0.000	1800.110	1800.000	Q103
G113	1138.800	1103.840	1103.840	1164.860	1161.830	1161.830	0.000	1777.650	1776.630	G107
G14	1181.800	1150.860	1150.860	1204.870	1200.870	1200.870	0.000	1740.600	1740.600	G106
V15	1400.000	1429.910	1429.910	1420.920	1400.910	1400.910	0.000	1664.910	1664.910	V100
L108	1006.041	1000.000	1000.000	1024.030	1017.010	1016.000	0.000	1561.047	1548.000	L104
P117	1103.000	1088.000	1088.000	1121.000	1114.000	1113.000	0.000	1450.863	1433.830	P115
N108	1011.000	1000.000	1000.000	1020.000	1010.000	1009.000	0.000	1335.800	1335.800	N100
I109	1130.210	1082.110	1082.110	1095.210	1094.190	1093.210	0.000	1322.741	1321.797	I101
Q120	1088.000	1061.200	1061.200	1080.000	1069.200	1068.000	0.000	1120.481	1108.650	Q118
A121	1000.011	1000.000	1000.000	1000.000	1000.000	1000.000	0.000	900.000	900.000	A101
V102	1028.500	1001.500	1001.500	1020.500	1009.500	1008.500	0.000	827.587	810.561	V100
L123	1041.000	1021.400	1021.400	1030.400	1021.400	1021.400	0.000	820.510	810.000	L107
L124	1028.000	1017.000	1017.000	1020.000	1010.000	1009.000	0.000	711.438	698.400	L106
P106	1001.000	1000.000	1000.000	1000.000	1000.000	1000.000	0.000	600.000	600.000	P100
K126	1019.011	1001.000	1001.000	1000.000	1000.000	1000.000	0.000	500.000	499.277	K104
K127	1001.000	1000.000	1000.000	1000.000	1000.000	1000.000	0.000	377.203	360.177	K103
L128	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	0.000	200.000	200.000	L102
E104	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	0.000	100.000	100.000	E101

sp | Q6GSS7 | H2A2A_MOUSE

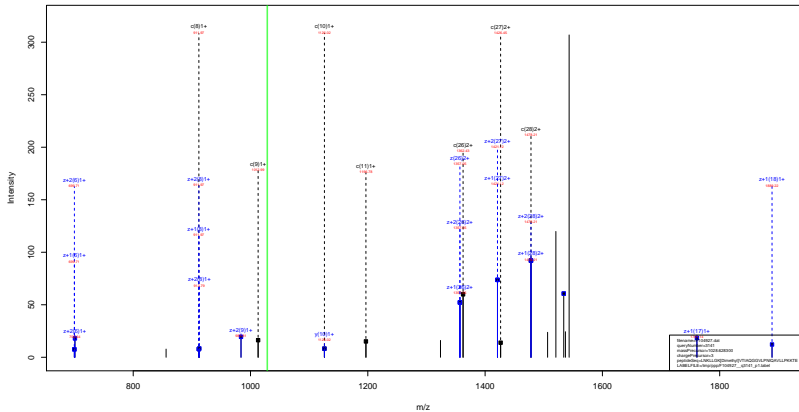
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=29.21
- ▶ F104927.dat
- ▶ query=q3137_p1
- ▶ precursor=1028.628000
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	a	a'	a,Δ	b	b'	b,Δ	y	y'	y,Δ	AA	
L1	45	501	0.500	0.500	07949	0.504	0.500	1561.450	1113.016	413.444	L129
N1	102	517	0.500	0.504	114371	0.500	0.504	1481.580	1471.584	1471.584	N29
K1	119	512	0.504	0.504	119103	0.500	0.504	1523.502	1425.211	1471.611	K27
L14	221	481	0.514	0.504	238180	0.284	0.504	1384.630	1386.120	1310.611	L128
L15	227	490	0.500	0.504	240730	0.284	0.504	1386.390	1386.120	1386.261	L124
G16	236	492	0.504	0.504	242441	0.284	0.504	1251.750	1243.241	1342.740	G24
K17	384	478	0.794	0.504	388170	0.084	0.504	1223.244	1224.731	1124.239	K122
V18	431	511	0.500	0.504	447181	0.284	0.504	1170.170	1136.667	1136.175	V22
T19	458	510	0.510	0.510	469124	0.084	0.510	1075.640	1075.640	1075.640	T121
E19	460	510	0.500	0.510	464891	0.084	0.510	1045.123	1046.609	1046.111	E26
A11	637	427	567.884	567.392	705107	581.082	567.392	916.181	900.181	079.375	A119
G13	640	427	0.510	0.510	654.425	646.711	645.419	951.062	944.549	944.542	G110
G15	668	429	0.500	0.510	669191	0.084	0.510	816.031	816.031	816.031	G127
G14	687.448	427	0.510	0.510	711.446	702.932	702.440	880.522	852.009	051.517	G116
V125	746.982	738.480	737.977	746.980	732.462	731.974	832.011	832.011	832.011	832.011	V125
L168	883.524	786.011	784.510	817.520	800.009	808.517	782.477	771.964	771.472	L114	
P117	852.051	843.517	843.040	886.048	857.515	857.043	725.935	717.422	716.930	P113	
N118	910.172	900.500	900.000	914.910	884.906	884.906	877.420	877.420	877.420	N123	
E19	985.614	857.181	856.691	979.612	971.098	970.599	956.197	951.271	951.271	E111	
Q120	1020.644	1021.130	1020.630	1043.641	1035.120	1034.630	1013.641	1013.131	1013.640	Q118	
A119	1085.182	1086.667	1086.160	1170.180	1160.660	1160.160	1090.667	1090.160	1090.667	A114	
V122	1114.170	1100.170	1100.170	1126.684	1120.180	1119.680	104.170	455.784	455.282	V110	
L123	1117.720	1162.725	1162.233	1185.230	1176.727	1176.230	814.721	810.230	810.730	L117	
L124	1127.740	1120.740	1120.740	1241.778	1233.265	1242.741	100.740	100.740	100.740	L118	
P121	1177.720	1170.720	1170.720	1241.778	1233.265	1242.741	101.720	101.720	101.720	P115	
K130	1240.154	1231.642	1231.150	1334.362	1347.610	1346.150	1251.153	1244.610	1244.147	K114	
K127	1242.410	1233.898	1233.400	1418.396	1431.640	1430.190	1341.410	1334.898	1334.410	K111	
L128	1454.520	1446.010	1445.520	1418.396	1430.610	1429.110	1351.520	1345.010	1344.520	L112	
E129	1510.410	1500.898	1500.400	1510.410	1524.610	1524.110	1434.410	1427.898	1427.410	E111	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.14
- ▶ F104927.dat
- ▶ query=q3141_p1
- ▶ precursor=1028.628300
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L29
N2	345.161	2970.808	2954.789	2955.797	2951.781	N38
K3	373.256	2956.795	2940.746	2941.754	2939.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	509.424	2615.586	2599.567	2600.575	2598.560	L25
Q6	656.445	2302.502	2488.483	2487.491	2485.475	Q24
K7	812.572	2445.480	2429.462	2430.469	2428.454	K23
V8	911.640	2289.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2196.268	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.857	1909.117	1859.098	1908.108	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V15	1537.879	1663.015	1646.997	1648.004	1645.989	V15
L16	1651.063	1561.947	1547.928	1548.936	1546.920	L14
P17	1748.116	1456.863	1434.844	1435.852	1433.836	P13
T18	1852.159	1393.810	1377.791	1378.799	1376.783	T12
I19	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.435	699.416	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.268	489.249	490.257	488.241	K4
K27	2852.818	377.203	361.184	362.192	360.177	K3
T28	2951.895	249.108	233.089	234.097	232.082	T2
E29	3087.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

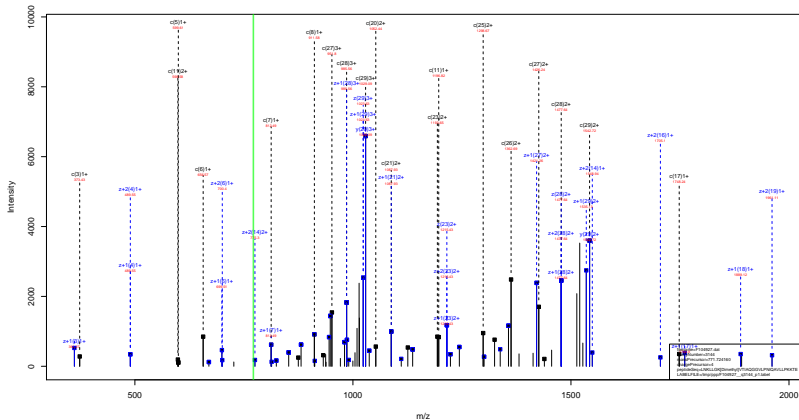
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.14
- ▶ F104927.dat
- ▶ query=q3141_p1
- ▶ precursor=1028.628300
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1542.450	1534.440	0.504	1533.930	L[26]
N[2]	123.084	1485.908	1477.898	1478.402	1477.354	N[28]
K[3]	187.132	1436.886	1420.877	1421.381	1420.373	K[27]
L[4]	243.674	1364.839	1356.829	1357.333	1356.325	L[26]
L[5]	300.216	1308.297	1300.287	1300.791	1299.783	L[25]
G[6]	339.729	1251.755	1243.745	1244.249	1243.241	G[24]
K[7]	406.789	1223.244	1215.234	1215.738	1214.731	K[23]
V[8]	456.324	1145.181	1137.171	1137.675	1136.667	V[22]
T[9]	506.846	1095.646	1087.637	1088.141	1087.133	T[21]
I[10]	563.390	1045.123	1037.113	1037.617	1036.609	I[20]
A[11]	608.608	988.581	980.571	981.075	980.067	A[19]
Q[12]	662.937	933.062	925.052	925.557	924.549	Q[18]
G[13]	691.448	889.033	881.023	881.527	880.519	G[17]
G[14]	719.959	860.522	852.512	853.017	852.009	G[16]
V[15]	769.493	832.011	824.002	824.506	823.498	V[15]
L[16]	826.035	782.477	774.468	774.972	773.964	L[14]
T[17]	874.561	725.935	717.926	718.430	717.422	T[13]
N[18]	911.983	671.409	663.400	663.903	662.895	N[12]
I[19]	968.125	626.867	618.858	619.362	618.354	I[11]
Q[20]	1052.154	563.945	555.936	556.440	555.432	Q[10]
A[21]	1087.673	499.616	491.607	492.110	491.102	A[9]
V[22]	1137.207	464.297	456.288	456.792	455.784	V[8]
L[23]	1183.749	414.763	406.754	407.258	406.250	L[17]
L[24]	1250.291	358.221	350.211	350.715	349.707	L[6]
P[25]	1298.817	301.679	293.670	294.174	293.166	P[5]
K[26]	1362.865	253.153	245.143	245.647	244.639	K[4]
K[27]	1426.912	189.105	181.096	181.600	180.592	K[3]
T[28]	1477.436	125.058	117.048	117.552	116.544	T[2]
E[29]	1541.959	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=107.08
- ▶ F104927.dat
- ▶ query=q3144_p1
- ▶ precursor=771.724160
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L29
N2	345.161	2970.808	2954.789	2955.797	2951.781	N38
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	509.424	2615.585	2599.567	2600.575	2598.560	L25
Q6	656.445	2502.502	2486.483	2487.491	2485.475	Q24
K7	812.572	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2288.354	2273.335	2274.343	2272.327	V22
T9	1017.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.867	1895.111	1889.098	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.015	1646.997	1646.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
F17	1748.116	1450.863	1434.844	1435.852	1433.836	F13
T18	1862.159	1383.810	1337.791	1338.799	1336.783	T12
I19	1975.243	1236.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.336	998.624	982.606	981.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.435	699.415	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2953.895	249.108	233.089	234.097	232.082	T2
E29	3082.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=107.08
- ▶ F104927.dat
- ▶ query=q3144_p1
- ▶ precursor=771.724160
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	8.504	1533.930	L198
N12	123.084	1485.905	1477.898	1478.402	1477.394	N20
K3	187.132	1428.889	1420.877	1421.381	1420.373	K27
L4	243.674	1364.839	1356.829	1357.333	1356.325	L26
L5	300.216	1308.297	1300.287	1300.791	1299.783	L25
G6	358.758	1251.795	1243.745	1244.249	1243.241	G24
K7	406.799	1223.244	1215.234	1215.738	1214.731	K23
V8	456.324	1145.181	1137.171	1137.675	1136.667	V22
F9	506.840	1095.646	1087.637	1088.141	1087.133	F21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	998.581	990.571	991.075	990.067	A19
Q12	662.937	953.060	945.053	945.557	944.549	Q18
G13	691.448	899.033	891.023	891.527	890.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	820.035	782.477	774.468	774.972	773.964	L14
F17	874.561	728.935	721.926	713.917	712.910	F13
N18	931.583	677.400	669.390	669.903	668.895	N12
I19	988.125	620.887	612.878	612.882	611.874	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1137.207	494.297	486.288	486.792	485.784	V8
L23	1193.749	434.763	426.754	427.258	426.251	L17
L24	1250.291	358.221	350.212	350.716	349.708	L6
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=107.08
- ▶ F104927.dat
- ▶ query=q3144_p1
- ▶ precursor=771.724160
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	990.941	985.931	985.265	985.265	N[20]
K[3]	129.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.104	867.530	866.898	L[25]
Q[6]	219.487	834.839	829.499	829.935	829.163	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	783.790	778.450	778.786	778.114	V[22]
T[9]	338.234	736.767	725.427	725.763	725.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	659.389	654.050	654.386	653.714	A[19]
Q[12]	442.294	639.713	630.374	630.707	630.035	Q[19]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	563.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.939	446.267	T[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	729.461	333.540	328.201	328.537	327.865	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.148	233.476	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.400	121.061	121.402	120.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=114.45
- ▶ F104927.dat
- ▶ query=q3145_p1
- ▶ precursor=617.582820
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2738.670	2722.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	638.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1214.857	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1583.947	1547.928	1548.936	1546.920	L[14]
F[17]	1708.916	1450.863	1434.844	1435.852	1433.836	F[13]
N[18]	1862.159	1383.819	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.761	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.500	814.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.249	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=114.45
- ▶ F104927.dat
- ▶ query=q3145_p1
- ▶ precursor=617.582820
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	66.093	1542.850	1534.440	9.504	1533.990	L 20
N 2	123.084	1485.908	1477.898	1478.402	1477.304	N 20
K 3	187.132	1428.888	1420.877	1421.381	1420.373	K 27
L 4	243.674	1364.839	1356.829	1357.333	1356.325	L 26
L 5	300.216	1308.297	1300.287	1300.791	1299.783	L 25
G 6	358.298	1251.795	1243.785	1244.289	1243.281	G 24
K 7	404.789	1223.244	1215.234	1215.738	1214.731	K 23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V 22
T 9	506.848	1095.646	1087.637	1088.141	1087.133	T 21
T 10	563.390	1045.123	1037.113	1037.617	1036.609	T 20
A 11	598.908	980.581	980.571	981.075	980.067	A 19
G 12	662.817	953.062	945.053	945.557	944.549	G 18
G 13	691.448	899.033	881.023	881.527	880.519	G 17
G 14	719.959	860.522	852.513	853.017	852.009	G 16
V 15	769.493	832.011	824.002	824.506	823.498	V 15
L 16	826.935	782.477	774.468	774.972	773.964	L 14
T 17	874.561	725.935	717.926	718.430	717.422	T 13
N 18	931.583	677.425	669.399	669.903	668.895	N 12
I 19	988.125	630.907	612.378	612.882	611.874	I 11
Q 20	1052.154	583.849	575.839	576.343	575.335	Q 10
A 21	1087.673	499.816	491.807	492.310	491.303	A 0
V 22	1137.207	484.297	456.268	456.792	455.785	V 8
L 23	1193.749	414.763	406.754	407.258	406.250	L 7
L 24	1250.291	358.221	350.212	350.716	349.708	L 6
P 25	1298.817	301.678	293.670	294.174	293.166	P 5
K 26	1362.865	253.153	245.143	245.647	244.639	K 4
K 27	1428.912	189.105	181.096	181.600	180.592	K 3
T 28	1477.436	125.058	117.049	117.552	116.544	T 2
E 29	1541.958	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=114.45
- ▶ F104927.dat
- ▶ query=q3145_p1
- ▶ precursor=617.582820
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
L	1	44.377	1028.635	1023.296	0.672	1022.960	L	29
N	2	82.392	990.941	985.601	985.937	985.265	N	28
K	3	125.090	952.926	947.587	947.923	947.251	K	27
L	4	162.795	910.228	904.889	905.225	904.553	L	26
L	5	200.479	872.533	867.194	867.530	866.856	L	25
G	6	219.487	834.839	829.499	829.835	829.163	G	24
K	7	271.529	815.832	810.492	810.828	810.156	K	23
V	8	304.952	761.790	756.450	756.786	756.114	V	22
T	9	338.214	730.767	725.427	725.763	725.091	T	21
I	10	375.929	697.084	691.745	692.081	691.409	I	20
A	11	399.698	659.389	654.050	654.386	653.714	A	19
Q	12	442.294	638.710	630.371	630.707	630.035	Q	18
G	13	461.301	593.024	587.685	588.021	587.349	G	17
G	14	480.308	574.017	568.678	569.013	568.342	G	16
V	15	513.331	555.010	549.670	550.006	549.334	V	15
L	16	551.026	521.987	516.648	516.984	516.312	L	14
P	17	583.377	484.292	478.953	479.289	478.617	P	13
N	18	621.391	451.942	446.602	446.938	446.266	N	12
I	19	659.098	413.927	408.588	408.924	408.252	I	11
Q	20	701.772	376.233	370.893	371.229	370.557	Q	10
A	21	725.451	333.548	328.207	328.543	327.871	A	9
V	22	758.474	309.867	304.528	304.864	304.192	V	8
L	23	796.168	276.844	271.505	271.841	271.169	L	7
L	24	833.861	239.150	233.810	234.146	233.474	L	6
P	25	866.214	201.455	196.116	196.451	195.780	P	5
K	26	928.912	169.104	163.765	164.101	163.429	K	4
K	27	951.611	126.406	121.066	121.402	120.730	K	3
T	28	985.293	83.708	78.368	78.704	78.032	T	2
E	29	1028.397	50.025	44.685	45.021	44.349	E	1

sp | Q6GSS7 | H2A2A_MOUSE

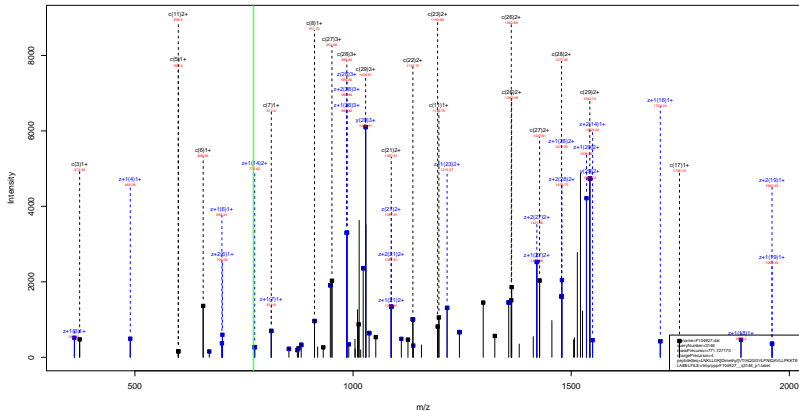
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=114.45
- ▶ F104927.dat
- ▶ query=q3145_p1
- ▶ precursor=617.582820
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
L	1	33.535	771.726	769.724	0.756	769.972	L	29
N	2	62.046	743.451	739.453	739.705	739.201	N	28
K	3	94.059	714.947	710.942	711.194	710.690	K	27
L	4	122.340	687.923	678.918	679.170	678.666	L	26
L	5	150.611	654.652	650.647	650.899	650.395	L	25
G	6	164.867	626.381	622.376	622.628	622.124	G	24
K	7	203.898	612.126	608.121	608.373	607.869	K	23
V	8	228.665	573.094	569.089	569.341	568.837	V	22
T	9	253.927	548.327	544.322	544.574	544.070	T	21
I	10	262.198	523.065	519.060	519.312	518.808	I	20
A	11	269.958	494.794	490.789	491.041	490.537	A	19
Q	12	331.972	477.036	473.030	473.282	472.778	Q	18
G	13	346.228	445.020	441.015	441.267	440.763	G	17
G	14	360.483	430.765	426.760	427.012	426.508	G	16
V	15	385.250	416.509	412.504	412.757	412.253	V	15
L	16	413.521	391.742	387.737	387.989	387.486	L	14
P	17	437.784	363.471	359.466	359.718	359.215	P	13
N	18	466.295	339.208	335.203	335.455	334.951	N	12
I	19	494.566	310.897	306.891	306.945	306.441	I	11
Q	20	526.381	282.426	278.422	278.673	278.170	Q	10
A	21	544.340	250.412	246.407	246.659	246.155	A	9
V	22	569.107	232.652	228.646	228.900	228.396	V	8
L	23	597.378	207.885	203.881	204.132	203.629	L	7
L	24	625.649	179.614	175.609	175.861	175.358	L	6
P	25	649.912	151.343	147.338	147.590	147.087	P	5
K	26	681.936	127.080	123.075	123.327	122.823	K	4
K	27	713.960	95.056	91.052	91.304	90.800	K	3
T	28	739.222	63.032	59.028	59.280	58.776	T	2
E	29	771.482	37.771	33.766	34.018	33.514	E	1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=89.31
- ▶ F104927.dat
- ▶ query=q3146_p1
- ▶ precursor=771.727170
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.098			Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.915	1646.907	1646.904	1645.909	V[15]
L[16]	1651.963	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.864	1435.852	1433.836	P[13]
T[18]	1867.159	1383.810	1367.791	1368.799	1366.783	T[12]
I[19]	1975.243	1298.767	1283.748	1284.756	1282.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	983.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.905	249.108	233.089	234.097	232.082	T[2]
E[29]	3087.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=89.31
- ▶ F104927.dat
- ▶ query=q3146_p1
- ▶ precursor=771.727170
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	9.504	533.930	L120
N12	123.084	1485.905	1477.898	1478.402	1477.394	N08
K13	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.709	1251.795	1243.745	1244.249	1243.241	G24
K17	406.759	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
T19	506.840	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A19
G12	662.937	933.060	925.053	925.557	924.549	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	820.035	782.477	774.468	774.972	773.964	L14
T17	874.561	728.935	721.928	722.432	721.424	T13
N18	931.583	677.400	669.390	669.903	668.895	N12
I19	988.125	620.867	612.858	612.862	611.874	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

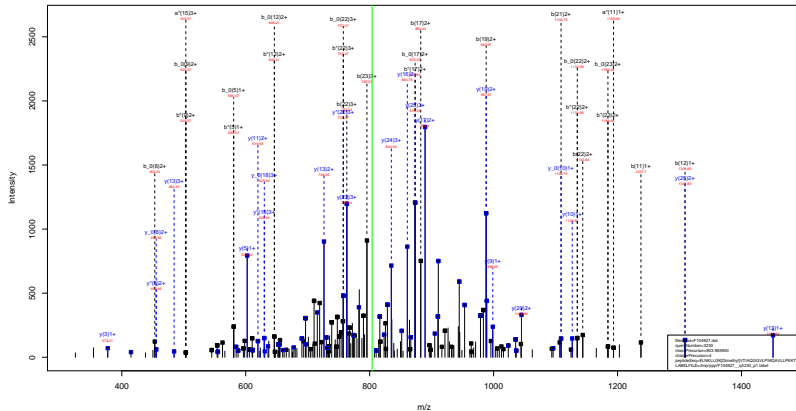
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=89.31
- ▶ F104927.dat
- ▶ query=q3146_p1
- ▶ precursor=771.727170
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[20]
N[2]	82.302	990.941	985.601	985.937	985.265	N[20]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.194	867.530	866.856	L[25]
Q[6]	239.887	824.337	820.499	820.835	820.161	Q[24]
K[7]	271.529	815.832	810.492	810.828	810.154	K[23]
V[8]	304.552	783.700	778.450	778.786	778.114	V[22]
T[9]	338.234	736.767	725.427	725.763	725.091	T[21]
T[10]	375.920	697.084	691.745	692.081	691.409	T[20]
A[11]	399.608	699.380	654.050	654.386	653.714	A[19]
Q[12]	442.294	635.711	630.371	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
F[17]	583.177	484.262	478.923	479.259	478.587	F[13]
T[18]	621.391	451.942	446.603	446.939	446.267	T[12]
T[19]	659.086	413.927	408.588	408.924	408.252	T[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.540	328.201	328.537	327.865	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[9]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.159	233.819	234.156	233.484	L[6]
P[25]	866.214	201.455	196.116	196.451	195.779	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.700	78.360	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=30.71
- ▶ F104927.dat
- ▶ query=q3230_p1
- ▶ precursor=803.983900
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	a	a*	a.D	b	b*	b.D	v	s*	q.D	AA
E	1	205.078	205.078	146.063	146.063	0.000	1.174	1.11	1.01	E
L	2	225.129	0.000	197.129	243.129	0.000	2.05	2.23	3.03	L
N	3	245.182	0.11	181.111	187.177	140.150	4.39	3.69	3.03	N
R	4	265.234	0.00	139.000	145.066	100.044	10.17	1.01	1.01	R
L	5	275.287	553.334	252.355	508.355	581.320	500.345	2.73	2.73	L
L	6	285.340	106.478	665.434	711.440	104.471	693.420	1.01	1.01	L
G	7	295.393	223.445	722.456	186.461	751.435	750.451	2.02	2.02	G
R	8	305.446	179.508	138.500	144.500	100.514	1.01	1.01	1.01	R
V	9	305.446	678.435	197.465	1024.658	1056.630	1005.616	2.00	2.00	V
T	10	309.470	109.520	202.690	1128.704	1107.677	1106.695	2.00	2.00	T
L	11	319.523	1182.746	232.811	1337.781	1305.713	1.01	1.01	1.01	L
A	12	329.576	138.630	130.630	136.630	100.614	1.01	1.01	1.01	A
Q	13	349.629	159.683	150.683	156.683	110.619	1.01	1.01	1.01	Q
G	14	359.682	179.736	170.736	176.736	120.624	1.01	1.01	1.01	G
G	15	369.735	199.789	190.789	196.789	130.629	1.01	1.01	1.01	G
V	16	379.788	219.842	210.842	216.842	140.634	1.01	1.01	1.01	V
L	17	389.841	239.895	230.895	236.895	150.639	1.01	1.01	1.01	L
P	18	399.894	259.948	250.948	256.948	160.644	1.01	1.01	1.01	P
N	19	409.947	279.001	270.001	276.001	170.649	1.01	1.01	1.01	N
E	20	419.954	299.054	290.054	296.054	180.654	1.01	1.01	1.01	E
A	21	429.959	319.107	310.107	316.107	190.659	1.01	1.01	1.01	A
A	22	439.964	339.160	330.160	336.160	200.664	908.624	1.01	1.01	A
V	23	449.969	359.213	350.213	356.213	210.669	918.563	1.01	1.01	V
L	24	459.974	379.266	370.266	376.266	220.674	828.519	1.01	1.01	L
L	25	469.979	399.319	390.319	396.319	230.679	715.435	1.01	1.01	L
P	26	479.984	419.372	410.372	416.372	240.684	1.01	1.01	1.01	P
A	27	489.989	439.425	430.425	436.425	250.689	682.551	585.324	584.340	A
R	28	499.994	459.478	450.478	456.478	260.694	1.01	1.01	1.01	R
R	29	509.999	479.531	470.531	476.531	270.699	377.203	1.01	1.01	R
T	30	519.004	499.584	490.584	496.584	280.704	1.01	1.01	1.01	T
E	31	529.009	519.637	510.637	516.637	290.709	1.01	1.01	1.01	E

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=30.71
- ▶ F104927.dat
- ▶ query=q3230_p1
- ▶ precursor=803.983900
- ▶ chargePrecursor=4
- ▶ itol=0.8

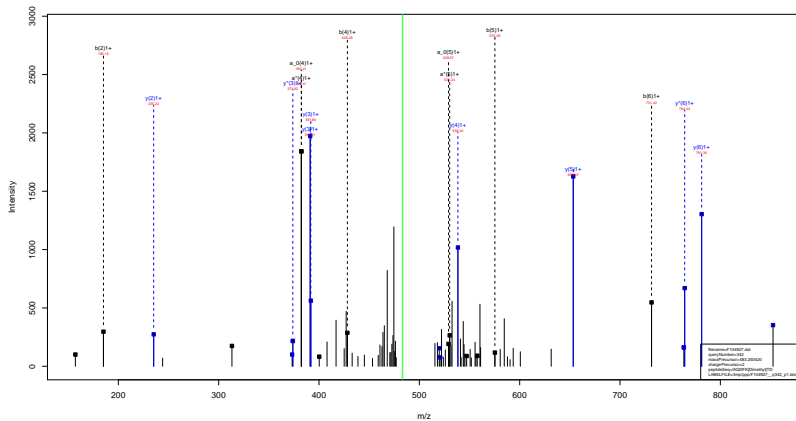
AA	a	a*	a:z	b	b*	b:z	y	y*	y:z	AA
E	31.031	0.304	42.528	46.262	0.304	36.353	30.871	13.848	13.077	E34
L	27.014	0.304	39.059	42.814	0.304	33.593	29.424	13.133	12.362	L29
N	33.059	0.304	44.569	48.302	0.304	38.783	32.059	14.474	13.702	N28
K	22.042	0.304	33.539	37.281	0.304	30.124	24.888	12.037	11.265	K27
L	32.058	0.304	43.553	47.500	0.304	37.008	31.833	13.926	13.154	L26
G	31.037	0.304	42.532	46.267	0.304	36.357	30.874	13.849	13.077	G24
N	33.059	0.304	44.569	48.302	0.304	38.783	32.059	14.474	13.702	N25
V	30.018	0.304	41.518	45.257	0.304	35.368	29.389	13.349	12.577	V22
T	34.068	0.304	45.578	49.517	0.304	39.838	33.108	14.811	14.039	T21
A	12.010	0.304	13.010	14.010	0.304	13.010	14.010	1.010	1.010	A19
Q	31.031	0.304	42.528	46.262	0.304	36.353	30.871	13.848	13.077	Q18
G	31.031	0.304	42.528	46.262	0.304	36.353	30.871	13.848	13.077	G17
L	32.058	0.304	43.553	47.500	0.304	37.008	31.833	13.926	13.154	L16
V	30.018	0.304	41.518	45.257	0.304	35.368	29.389	13.349	12.577	V15
T	34.068	0.304	45.578	49.517	0.304	39.838	33.108	14.811	14.039	T14
P	31.031	0.304	42.528	46.262	0.304	36.353	30.871	13.848	13.077	P13
N	33.059	0.304	44.569	48.302	0.304	38.783	32.059	14.474	13.702	N12
E	31.031	0.304	42.528	46.262	0.304	36.353	30.871	13.848	13.077	E11
Q	31.031	0.304	42.528	46.262	0.304	36.353	30.871	13.848	13.077	Q10
A	12.010	0.304	13.010	14.010	0.304	13.010	14.010	1.010	1.010	A9
V	30.018	0.304	41.518	45.257	0.304	35.368	29.389	13.349	12.577	V8
L	32.058	0.304	43.553	47.500	0.304	37.008	31.833	13.926	13.154	L7
L	32.058	0.304	43.553	47.500	0.304	37.008	31.833	13.926	13.154	L6
P	31.031	0.304	42.528	46.262	0.304	36.353	30.871	13.848	13.077	P5
K	22.042	0.304	33.539	37.281	0.304	30.124	24.888	12.037	11.265	K4
T	34.068	0.304	45.578	49.517	0.304	39.838	33.108	14.811	14.039	T3
L	32.058	0.304	43.553	47.500	0.304	37.008	31.833	13.926	13.154	L2

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03} VTIAGGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=30.71
- ▶ F104927.dat
- ▶ query=q3230_p1
- ▶ precursor=803.983900
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	a	a*	a.D	b	b*	b.D	a'	a'*	a'.D	AA
E1	32.384	0.72	28.38	44.314	0.7	33.31	1001.525	1000.804	1000.525	E150
L1	22.384	0.69	18.38	34.314	0.69	23.31	1002.960	1002.239	1001.960	L150
K1	110.389	104.233	104.38	119.230	114.055	113.23	1113.273	1055.255	104.307	K150
R1	103.387	107.44	107.583	112.426	107.251	106.44	1071.635	1017.251	104.623	R150
L1	100.792	105.116	104.793	109.123	104.446	104.123	1010.228	104.553	104.223	L150
L1	22.487	0.72	18.48	34.414	0.72	23.41	1011.601	1010.880	1010.601	L151
G1	247.484	241.233	241.48	256.230	251.055	250.23	2529.612	234.429	234.102	G151
R1	239.138	234.963	235.13	244.963	240.788	240.13	2412.912	215.963	215.636	R151
V1	132.508	126.352	126.51	131.348	126.173	125.35	1311.881	121.348	121.021	V151
T110	306.241	300.356	300.24	315.312	309.427	308.59	309.359	330.767	325.960	T121
T11	403.306	396.265	397.409	413.264	407.902	407.306	407.084	427.084	421.409	T121
A12	427.015	421.359	421.01	436.947	431.272	430.513	430.343	450.309	445.114	A119
Q13	470.301	464.426	464.30	479.413	473.537	473.03	473.03	493.710	488.035	Q118
Q14	489.308	483.433	483.30	498.540	492.664	492.08	492.08	512.611	507.249	Q117
Q15	508.315	502.440	502.31	517.647	511.771	511.443	514.01	514.01	508.714	Q116
V16	541.138	535.463	535.13	550.670	544.994	544.666	545.010	565.134	560.036	V115
L17	574.134	568.459	568.13	583.364	577.489	577.161	577.161	597.516	592.422	L114
P181	611.384	605.708	605.38	620.713	615.038	614.314	614.314	634.292	629.104	P113
R19	649.389	643.713	643.38	658.720	653.044	652.226	652.226	672.044	666.856	R112
T20	687.397	681.721	681.39	696.454	690.778	689.951	689.951	709.778	704.590	T111
Q21	726.778	721.102	720.77	735.111	729.435	728.707	728.707	748.611	743.423	Q110
A22	751.158	745.482	745.15	760.591	754.915	754.187	754.187	774.611	769.423	A109
V23	780.401	774.725	774.40	789.872	784.196	783.468	783.468	803.291	798.103	V108
L24	824.779	819.103	818.77	834.212	828.536	827.808	827.808	847.631	842.443	L107
L25	860.149	854.473	854.14	869.654	863.978	863.250	863.250	883.671	878.483	L106
L26	894.221	888.545	888.22	903.687	898.011	897.283	897.283	917.506	912.318	L105
K27	930.519	924.843	924.51	940.126	934.450	933.722	933.722	953.643	948.455	K104
R28	970.118	964.442	964.11	981.565	975.889	975.161	975.161	995.664	990.476	R103
L29	1013.310	1007.634	1007.31	1021.611	1015.935	1015.207	1015.207	1035.828	1030.640	L102
E30	1056.315	1050.639	1050.31	1066.648	1060.972	1060.244	1060.244	1080.865	1075.677	E101



sp | P68433 | H31_MOUSE

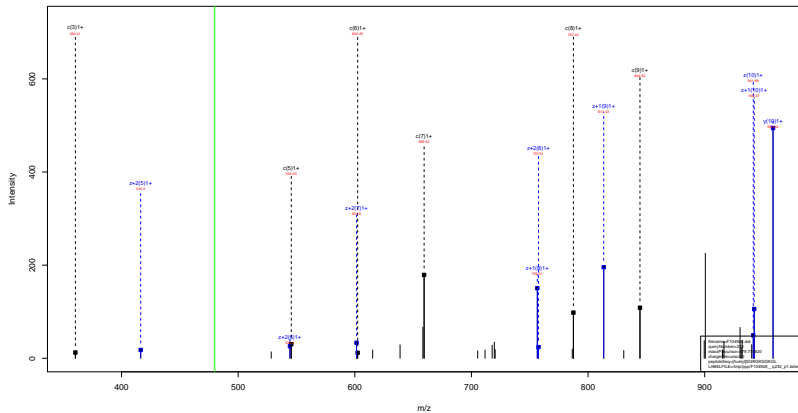
IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=35.61
- ▶ F104927.dat
- ▶ query=q342_p1
- ▶ precursor=483.250420
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	a	y*	a β	b	b*	b β	y	y*	y β	AA
T 1	483.250	0.000	0.000	114.073	0.000	0.000	852.410	0.000	0.000	T8
A 2	157.134	0.000	0.000	185.128	0.000	0.000	852.410	0.000	0.000	A7
Q 3	295.192	298.195	0.000	313.187	296.160	0.000	781.373	764.346	763.362	Q6
D 4	400.219	383.193	382.208	428.214	411.187	411.201	653.314	636.288	635.304	D5
F 5	547.287	530.261	529.277	515.282	558.256	557.272	538.287	521.261	520.277	F4
R 6	713.314	695.288	695.302	731.409	714.383	713.398	301.219	315.192	314.208	R3
T 7	304.461	787.435	786.451	823.456	815.430	814.446	235.092	0.000	217.082	T2
D 8	913.488	892.462	891.478	943.483	935.457	934.473	138.193	0.000	118.034	D3

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

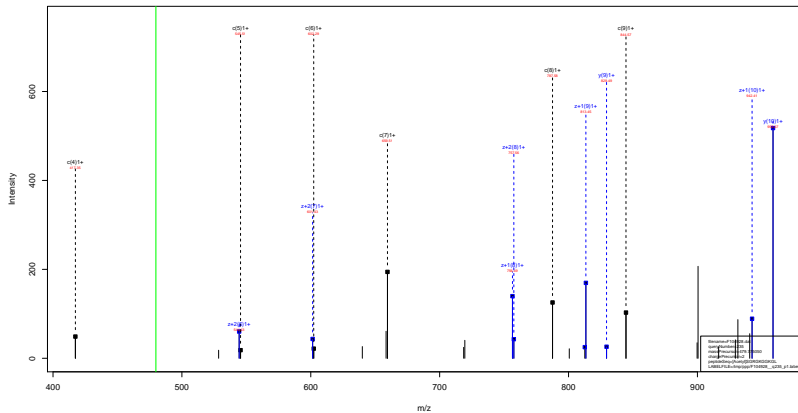
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- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.03
- ▶ F104928.dat
- ▶ query=q232_p1
- ▶ precursor=479.774820
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.516	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
Q[4]	417.220	616.378	600.359	601.367	599.351	Q[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	389.123	373.105	374.112	372.097	G[2]
L[10]	957.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

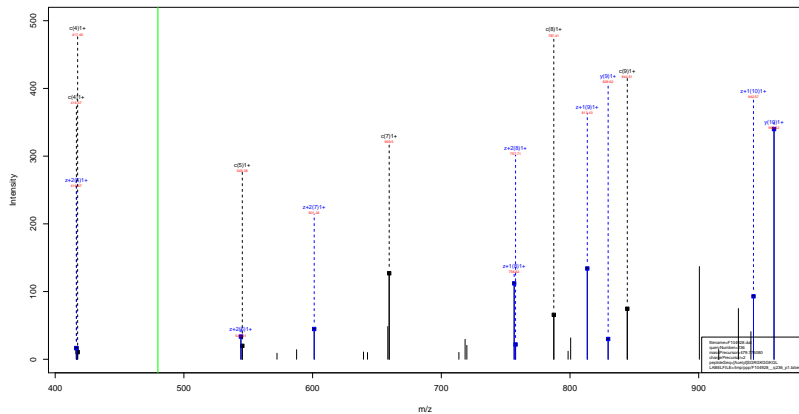
[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.34
- ▶ F104928.dat
- ▶ query=q235_p1
- ▶ precursor=479.775050
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.516	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
Q[4]	417.220	616.378	600.359	601.367	599.351	Q[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	389.123	373.105	374.112	372.097	G[2]
L[10]	957.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.26
- ▶ F104928.dat
- ▶ query=q236_p1
- ▶ precursor=479.775080
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.518	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
G[4]	417.220	616.378	600.359	601.367	599.351	G[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	189.123	173.105	174.112	172.097	G[2]
L[10]	937.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.23
- ▶ F104928.dat
- ▶ query=q238_p1
- ▶ precursor=479.775270
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.516	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
Q[4]	417.220	616.378	600.359	601.367	599.351	Q[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	389.123	373.105	374.112	372.097	G[2]
L[10]	957.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.15
- ▶ F104928.dat
- ▶ query=q239_p1
- ▶ precursor=320.186780
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.516	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
Q[4]	417.220	616.378	600.359	601.367	599.351	Q[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	189.123	173.105	174.112	172.097	G[2]
L[10]	957.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

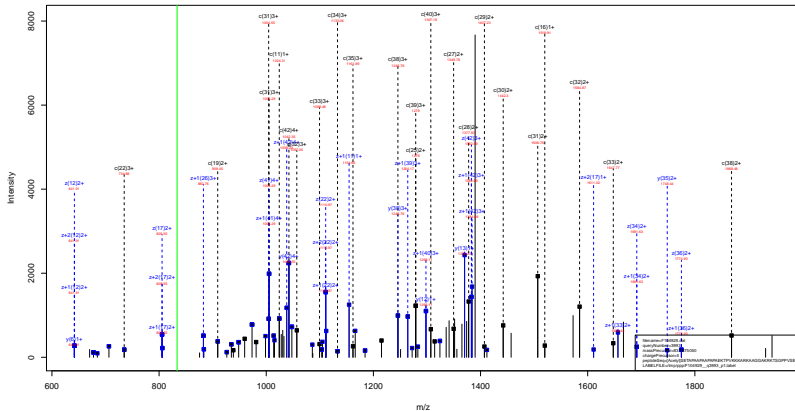
[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.15
- ▶ F104928.dat
- ▶ query=q239_p1
- ▶ precursor=320.186780
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	479.775	471.766	0.504	471.262	S[10]
G[2]	102.553	415.254	407.244	0.504	406.740	G[9]
R[3]	180.603	386.743	378.734	379.238	378.230	R[8]
G[4]	209.114	308.092	300.683	301.187	300.179	G[7]
K[5]	273.161	280.182	272.172	272.676	271.668	K[6]
G[6]	301.672	216.134	208.125	208.629	207.621	G[5]
G[7]	330.183	187.624	179.614	180.118	179.110	G[4]
K[8]	394.230	139.114	131.103	131.607	130.600	K[3]
G[9]	422.741	95.065	87.056	87.560	86.552	G[2]
L[10]	479.283	66.555	58.545	59.049	58.041	L[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.24
- ▶ F104929.dat
- ▶ query=q3993.p1
- ▶ precursor=833.675050
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4164.825	4148.306	0.000	4147.200	S[42]
E	2	276.119	4035.283	4019.264	0.000	4018.250	E[41]
L	3	377.167	3906.240	3890.221	0.000	3889.213	L[40]
A	4	449.204	3805.192	3789.174	0.000	3788.166	A[39]
P	5	545.257	3734.155	3718.136	0.000	3717.129	P[38]
A	6	616.294	3637.102	3621.084	0.000	3620.076	A[37]
A	7	667.331	3566.065	3550.047	0.000	3549.039	A[36]
P	8	764.384	3495.028	3479.009	0.000	3478.001	P[35]
A	9	852.421	3397.975	3381.957	0.000	3380.949	A[34]
A	10	926.458	3326.938	3310.920	0.000	3309.912	A[33]
P	11	1023.511	3255.901	3239.882	0.000	3238.875	P[32]
A	12	1094.548	3158.848	3142.830	0.000	3141.822	A[31]
P	13	1161.600	3087.811	3071.793	0.000	3070.785	P[30]
A	14	1262.638	2990.759	2974.740	0.000	2973.732	A[29]
E	15	1307.680	2919.721	2903.703	0.000	2902.695	E[28]
R	16	1519.775	2790.678	2774.660	0.000	2773.652	R[27]
L	17	1620.823	2682.584	2646.565	0.000	2645.557	L[26]
P	18	1717.876	2601.536	2545.517	0.000	2544.510	P[25]
V	19	1816.944	2464.483	2448.465	0.000	2447.457	V[24]
K	20	1945.030	2305.415	2349.396	0.000	2348.388	K[23]
K	21	2073.124	2237.360	2221.341	0.000	2220.334	K[22]
K	22	2201.229	2109.295	2093.276	0.000	2092.269	K[21]
A	23	2272.266	1981.130	1965.111	0.000	1964.104	A[20]
R	24	2438.367	1910.083	1894.074	0.000	1893.066	R[19]
K	25	2556.462	1753.992	1737.973	0.000	1736.965	K[18]
A	26	2627.499	1625.897	1609.878	0.000	1608.870	A[17]
A	27	2688.536	1524.860	1538.841	0.000	1537.833	A[16]
G	28	2755.588	1483.823	1467.804	0.000	1466.796	G[15]
G	29	2812.579	1428.801	1410.783	0.000	1411.790	G[14]
A	30	2883.616	1369.780	1353.761	0.000	1352.753	A[13]
K	31	3011.711	1298.743	1282.724	0.000	1283.732	K[12]
R	32	3167.812	1170.649	1154.629	0.000	1153.621	R[11]
R	33	3295.907	1014.547	998.528	0.000	997.520	R[10]
L	34	3398.955	896.482	870.463	0.000	871.441	L[9]
S	35	3483.987	785.404	769.385	0.000	770.363	S[8]
G	36	3541.009	698.372	682.353	0.000	683.361	G[7]
P	37	3638.061	641.350	625.332	0.000	626.340	P[6]
P	38	3735.114	544.288	528.270	0.000	529.287	P[5]
V	39	3834.182	447.245	431.226	0.000	432.234	V[4]
S	40	3921.214	348.177	332.158	0.000	333.166	S[3]
E	41	4050.257	261.144	245.126	0.000	246.134	E[2]
L	42	4183.341	132.100	116.083	0.000	117.091	L[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.24
- ▶ F104929.dat
- ▶ query=q3993.p1
- ▶ precursor=833.675050
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2082.666	2074.657	0.504	2074.153	S[42]
E	2	138.563	2018.145	2010.136	0.504	2006.632	E[41]
T	3	189.087	1953.624	1945.614	0.504	1945.110	T[40]
A	4	224.206	1893.103	1885.093	0.504	1884.583	A[39]
F	5	293.132	1829.581	1821.572	0.504	1820.056	F[38]
A	6	358.650	1819.055	1811.045	0.504	1810.542	A[37]
A	7	344.169	1783.536	1775.527	0.504	1775.023	A[36]
F	8	392.695	1748.018	1740.008	0.504	1739.504	F[35]
A	9	428.214	1699.491	1691.482	0.504	1690.978	A[34]
A	10	463.733	1653.973	1655.963	0.504	1655.459	A[33]
P	11	532.259	1628.454	1620.443	0.504	1619.941	P[32]
A	12	547.777	1579.928	1571.918	0.504	1571.415	A[31]
F	13	596.304	1544.409	1536.400	0.504	1535.896	F[30]
A	14	631.822	1495.883	1487.874	0.504	1487.370	A[29]
E	15	666.344	1460.364	1452.353	0.504	1451.851	E[28]
R	16	700.393	1396.843	1388.834	1.008	1387.330	R[27]
T	17	810.915	1331.796	1323.786	1324.790	1323.282	T[26]
F	18	859.441	1281.272	1273.262	1273.766	1272.758	F[25]
V	19	908.976	1232.745	1224.736	1225.240	1224.732	V[24]
K	20	973.023	1183.211	1175.202	1175.706	1174.696	K[23]
R	21	1023.977	1139.364	1111.154	1111.658	1110.650	R[22]
K	22	1103.118	1055.116	1047.107	1047.611	1046.603	K[21]
A	23	1136.637	991.069	983.059	983.563	982.556	A[20]
R	24	1214.687	935.550	947.541	948.045	947.037	R[19]
K	25	1278.735	877.500	889.490	889.994	888.986	K[18]
A	26	1314.253	813.492	805.443	805.947	804.939	A[17]
A	27	1349.772	749.334	759.324	759.828	758.820	A[16]
G	28	1378.283	742.435	734.406	734.910	733.902	G[15]
G	29	1406.793	713.904	705.895	706.399	705.391	G[14]
A	30	1442.312	685.394	677.384	677.888	676.880	A[13]
K	31	1506.359	649.875	641.866	642.370	641.362	K[12]
R	32	1584.410	585.807	577.818	578.322	577.314	R[11]
R	33	1648.457	507.777	499.788	500.791	499.783	R[10]
T	34	1698.981	443.728	435.739	436.244	435.236	T[9]
S	35	1742.497	393.206	385.196	385.700	384.692	S[8]
G	36	1771.028	349.690	341.680	342.184	341.176	G[7]
F	37	1819.234	321.179	313.170	313.673	312.666	F[6]
F	38	1868.061	272.862	264.843	265.347	264.339	F[5]
V	39	1917.595	224.120	216.111	216.621	215.612	V[4]
S	40	1961.111	174.592	166.583	167.086	166.078	S[3]
E	41	2025.632	131.076	123.067	123.570	122.562	E[2]
L	42	2082.174	66.555	58.545	59.049	58.041	L[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.24
- ▶ F104929.dat
- ▶ query=q3993.p1
- ▶ precursor=833.675050
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1388.760	1383.440	0.672	1383.104	S 42
E 2	92.711	1345.760	1340.426	0.672	1340.090	E 41
T 3	126.394	1302.762	1297.412	0.672	1297.076	T 40
A 4	150.073	1260.760	1263.729	0.672	1263.393	A 39
P 5	182.424	1245.390	1240.050	0.672	1239.714	P 38
A 6	206.103	1213.030	1207.699	0.672	1207.363	A 37
A 7	229.782	1189.360	1184.020	0.672	1183.684	A 36
P 8	262.133	1165.681	1160.341	0.672	1160.005	P 35
A 9	285.812	1133.330	1127.990	0.672	1127.654	A 34
A 10	309.491	1109.051	1104.311	0.672	1103.975	A 33
P 11	341.842	1085.972	1080.632	0.672	1080.296	P 32
A 12	365.521	1051.621	1048.281	0.672	1047.945	A 31
P 13	397.872	1029.942	1024.602	0.672	1024.266	P 30
A 14	421.551	997.591	992.251	0.672	991.916	A 29
E 15	464.205	973.912	968.572	0.672	968.236	E 28
R 16	607.283	939.960	934.620	925.894	925.222	R 27
T 17	540.946	885.199	882.860	883.196	882.524	T 26
P 18	573.297	854.517	849.177	849.513	848.841	P 25
V 19	606.320	822.160	816.820	817.162	816.490	V 24
K 20	649.018	789.143	783.804	784.140	783.468	K 23
K 21	687.126	746.445	741.105	741.441	740.769	K 22
K 22	734.414	703.747	698.407	698.743	698.071	K 21
A 23	735.094	661.048	655.709	656.045	655.373	A 20
R 24	810.127	637.309	632.030	632.366	631.694	R 19
K 25	852.826	585.139	579.696	580.332	579.660	K 18
A 26	876.505	542.637	537.298	537.634	536.962	A 17
A 27	900.184	518.958	513.619	513.954	513.282	A 16
G 28	918.191	495.279	489.940	490.276	489.604	G 15
G 29	938.198	475.272	470.932	471.268	470.596	G 14
A 30	961.877	457.265	451.925	452.261	451.589	A 13
K 31	1004.575	413.588	408.248	408.582	407.910	K 12
R 32	1056.609	390.887	385.548	385.884	385.212	R 11
K 33	1099.307	338.854	333.514	333.850	333.178	K 10
T 34	1112.590	296.151	290.811	291.152	290.480	T 9
S 35	1162.601	262.473	257.133	257.469	256.797	S 8
G 36	1181.008	233.462	228.123	228.459	227.787	G 7
P 37	1213.359	214.455	209.115	209.451	208.779	P 6
P 38	1245.710	182.104	176.765	177.100	176.429	P 5
V 39	1278.732	149.753	144.414	144.750	144.078	V 4
S 40	1307.743	116.780	111.439	111.777	111.105	S 3
E 41	1355.757	87.220	82.380	82.716	82.044	E 2
L 42	1388.452	44.705	39.366	39.702	39.030	L 1

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=47.24
- ▶ F104929.dat
- ▶ query=q3993.p1
- ▶ precursor=833.675050
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	37.525	1041.837	1037.832	0.755	1037.580	S[42]
E	2	69.785	1005.576	1005.571	0.755	1005.319	E[41]
T	3	95.047	977.315	973.311	0.755	973.059	T[40]
A	4	112.506	952.054	948.049	0.755	947.797	A[39]
P	5	137.070	934.294	930.290	0.755	930.038	P[38]
A	6	154.829	910.031	906.026	0.755	905.774	A[37]
A	7	172.588	892.272	888.267	0.755	888.015	A[36]
P	8	190.351	874.513	870.508	0.755	870.256	P[35]
A	9	214.811	859.249	855.245	0.755	855.003	A[34]
A	10	232.570	832.490	828.485	0.755	828.233	A[33]
P	11	256.633	814.731	810.726	0.755	810.474	P[32]
A	12	274.392	790.468	786.463	0.755	786.211	A[31]
P	13	298.656	772.709	768.704	0.755	768.452	P[30]
A	14	316.415	748.445	744.440	0.755	744.188	A[29]
E	15	348.675	730.686	726.681	0.755	726.429	E[28]
K	16	380.699	699.423	694.420	0.755	694.169	K[27]
T	17	405.961	666.403	662.397	0.755	662.145	T[26]
P	18	430.224	641.140	637.135	0.755	636.883	P[25]
V	19	454.991	616.876	612.872	0.755	612.620	V[24]
K	20	487.015	592.100	588.105	0.755	587.853	K[23]
K	21	519.039	566.085	562.081	0.755	561.833	K[22]
K	22	551.063	539.060	534.057	0.755	533.809	K[21]
A	23	568.522	496.030	492.033	0.755	491.781	A[20]
R	24	607.847	478.279	474.274	0.755	474.022	R[19]
K	25	639.871	439.253	435.249	0.755	434.997	K[18]
A	26	657.630	407.230	403.225	0.755	402.973	A[17]
A	27	675.390	389.470	385.466	0.755	385.214	A[16]
E	28	699.245	371.711	367.706	0.755	367.454	E[15]
G	29	703.900	357.450	353.451	0.755	353.199	G[14]
A	30	721.660	343.200	339.196	0.755	338.944	A[13]
K	31	753.683	325.441	321.436	0.755	321.184	K[12]
R	32	792.709	293.417	289.413	0.755	289.161	R[11]
K	33	824.732	254.392	250.387	0.755	250.139	K[10]
T	34	849.094	222.368	218.364	0.755	218.112	T[9]
S	35	871.752	191.100	187.102	0.755	186.850	S[8]
G	36	886.908	175.348	171.344	0.755	171.092	G[7]
P	37	910.271	161.093	157.088	0.755	156.836	P[6]
P	38	934.534	136.830	132.825	0.755	132.573	P[5]
V	39	959.301	112.567	108.562	0.755	108.310	V[4]
S	40	981.059	87.800	83.795	0.755	83.543	S[3]
E	41	1013.320	66.943	62.937	0.755	62.705	E[2]
L	42	1041.591	33.781	29.776	0.755	29.524	L[1]

sp | P43274 | H14_MOUSE

S^(Phospho)_(79.97) ETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.73
- ▶ F104929.dat
- ▶ query=q4002_p1
- ▶ precursor=841.263200
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	185.932	4302.261	4188.262	0.000	4185.254	S[42]
E	2	314.075	4035.263	4019.264	0.000	4018.256	E[41]
T	3	415.122	3936.240	3890.231	0.000	3889.213	T[40]
A	4	486.160	3805.192	3789.174	0.000	3788.166	A[39]
P	5	553.212	3734.155	3718.148	0.000	3717.120	P[38]
A	6	654.248	3637.102	3621.094	0.000	3620.076	A[37]
A	7	725.287	3566.065	3550.047	0.000	3549.039	A[36]
F	8	822.339	3495.028	3479.009	0.000	3478.000	F[35]
A	9	893.376	3397.075	3381.057	0.000	3380.040	A[34]
A	10	954.414	3326.038	3310.020	0.000	3309.012	A[33]
P	11	1061.466	3255.001	3239.002	0.000	3238.000	P[32]
A	12	1132.503	3158.048	3142.030	0.000	3141.022	A[31]
F	13	1226.556	3087.011	3071.003	0.000	3070.000	F[30]
A	14	1306.593	3090.959	3074.940	0.000	3073.932	A[29]
E	15	1420.616	2919.721	2903.703	0.000	2902.695	E[28]
K	16	1557.731	2790.079	2774.060	2775.068	2773.050	K[27]
T	17	1669.719	2692.564	2686.555	2687.573	2685.557	T[26]
F	18	1755.811	2561.536	2545.517	2546.525	2544.510	F[25]
V	19	1834.900	2464.483	2448.465	2449.473	2447.457	V[24]
K	20	1982.995	2305.415	2289.396	2290.404	2288.388	K[23]
K	21	2111.090	2237.340	2221.321	2222.309	2220.294	K[22]
K	22	2239.188	2109.225	2093.206	2094.214	2092.198	K[21]
A	23	2310.222	1981.130	1965.111	1966.119	1964.104	A[20]
R	24	2466.323	1910.093	1894.074	1895.082	1893.066	R[19]
K	25	2594.410	1753.960	1737.973	1738.981	1736.965	K[18]
A	26	2665.455	1625.897	1609.878	1610.886	1608.870	A[17]
A	27	2736.492	1524.860	1508.841	1509.849	1507.833	A[16]
G	28	2793.513	1483.823	1467.804	1468.812	1466.796	G[15]
G	29	2850.535	1426.801	1410.783	1411.790	1409.775	G[14]
A	30	2901.572	1369.780	1353.761	1354.769	1352.753	A[13]
K	31	3049.667	1298.743	1282.724	1283.732	1281.716	K[12]
R	32	3205.768	1170.648	1154.629	1155.637	1153.621	R[11]
K	33	3333.863	1014.547	998.528	999.536	997.520	K[10]
T	34	3434.911	898.462	879.433	879.441	895.425	T[9]
S	35	3521.943	795.404	780.385	779.393	798.377	S[8]
G	36	3578.964	698.372	682.353	683.361	681.345	G[7]
F	37	3676.017	641.350	625.332	626.340	624.324	F[6]
P	38	3773.070	544.298	528.279	529.287	527.271	P[5]
V	39	3872.118	447.245	431.226	432.234	430.218	V[4]
S	40	3959.170	348.177	332.158	333.166	331.150	S[3]
E	41	4088.213	261.144	245.126	246.134	244.118	E[2]
L	42	4201.297	132.102	116.083	117.091	115.075	L[1]

sp | P43274 | H14_MOUSE

S^(Phospho)_(79.97) ETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.73
- ▶ F104929.dat
- ▶ query=q4002.p1
- ▶ precursor=841.263200
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z-1	z+2	z	AA	
S	1	93.020	2101.644	2091.639	0.504	2091.131	S[42]
E	2	157.541	2018.145	2010.136	0.504	2009.632	E[41]
T	3	208.005	1953.624	1945.614	0.504	1945.110	T[40]
A	4	243.583	1901.100	1895.090	0.504	1894.587	A[39]
P	5	282.110	1867.581	1860.572	0.504	1859.066	P[38]
A	6	327.658	1819.055	1811.045	0.504	1810.542	A[37]
A	7	383.147	1783.536	1775.527	0.504	1775.023	A[36]
F	8	411.673	1748.018	1740.008	0.504	1739.504	F[35]
A	9	447.192	1699.491	1691.482	0.504	1690.978	A[34]
A	10	482.710	1663.972	1655.963	0.504	1655.460	A[33]
P	11	519.289	1628.454	1620.445	0.504	1619.941	P[32]
A	12	566.755	1579.928	1571.918	0.504	1571.415	A[31]
F	13	615.282	1544.409	1536.400	0.504	1535.896	F[30]
A	14	650.800	1495.883	1487.874	0.504	1487.370	A[29]
E	15	715.322	1460.364	1452.355	0.504	1451.851	E[28]
K	16	779.369	1399.843	1387.834	1388.338	1387.336	K[27]
T	17	809.893	1331.306	1323.786	1324.290	1323.282	T[26]
F	18	878.419	1281.272	1273.262	1273.766	1272.758	F[25]
V	19	927.953	1232.745	1224.736	1225.240	1224.232	V[24]
K	20	992.001	1183.211	1175.202	1175.706	1174.698	K[23]
K	21	1056.048	1119.164	1111.154	1111.658	1110.650	K[22]
K	22	1120.568	1078.110	1047.107	1047.611	1046.603	K[21]
A	23	1155.615	991.068	983.059	983.563	982.555	A[20]
R	24	1233.665	935.500	947.541	948.045	947.037	R[19]
K	25	1297.713	877.500	890.490	890.994	889.986	K[18]
A	26	1333.211	813.452	805.443	805.947	804.939	A[17]
A	27	1388.750	777.934	769.925	770.429	769.421	A[16]
G	28	1397.260	742.415	734.406	734.910	733.902	G[15]
G	29	1425.771	713.004	705.895	706.399	705.391	G[14]
A	30	1461.290	685.394	677.384	677.888	676.880	A[13]
K	31	1525.337	649.875	641.866	642.370	641.362	K[12]
R	32	1603.388	585.807	577.818	578.322	577.314	R[11]
K	33	1667.925	550.777	498.788	500.274	499.266	K[10]
T	34	1717.959	443.725	435.730	436.234	435.230	T[9]
S	35	1761.475	393.206	385.196	385.700	384.692	S[8]
G	36	1789.986	349.690	341.680	342.184	341.176	G[7]
F	37	1838.512	321.179	313.170	313.673	312.666	F[6]
P	38	1887.039	272.662	264.643	265.147	264.139	P[5]
V	39	1936.573	224.156	216.117	216.621	215.613	V[4]
S	40	1980.080	174.592	166.583	167.086	166.078	S[3]
E	41	2044.610	131.076	123.070	123.570	122.563	E[2]
L	42	2101.152	66.555	58.545	59.049	58.041	L[1]

sp | P43274 | H14_MOUSE

S^(Phospho)_(79.97) ETAPAAPAAPAPAEEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.73
- ▶ F104929.dat
- ▶ query=q4002.p1
- ▶ precursor=841.263200
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	62.349	1401.432	1396.002	0.672	1395.756	S 42
E 2	105.303	1345.766	1340.426	0.672	1340.050	E 41
T 3	139.046	1300.791	1297.412	0.672	1297.076	T 40
A 4	182.276	1254.869	1249.729	0.672	1249.391	A 39
P 5	195.076	1240.390	1240.050	0.672	1239.714	P 38
A 6	218.795	1213.030	1207.609	0.672	1207.363	A 37
A 7	242.434	1189.360	1184.020	0.672	1183.684	A 36
P 8	274.785	1165.681	1160.341	0.672	1160.005	P 35
A 9	298.464	1133.130	1127.990	0.672	1127.654	A 34
A 10	322.143	1109.651	1104.311	0.672	1103.975	A 33
P 11	354.494	1085.972	1080.632	0.672	1080.296	P 32
A 12	378.173	1053.621	1048.281	0.672	1047.945	A 31
P 13	410.524	1029.942	1024.602	0.672	1024.266	P 30
A 14	434.203	997.591	992.251	0.672	991.916	A 29
E 15	477.217	973.912	968.572	0.672	968.236	E 28
K 16	519.915	950.666	945.326	0.672	944.990	K 27
V 17	553.596	928.190	882.860	853.196	882.524	V 26
P 18	585.949	884.517	849.177	849.513	848.841	P 25
V 19	618.971	822.166	816.826	817.162	816.496	V 24
K 20	661.670	789.143	783.804	784.140	783.466	K 23
K 21	704.368	746.445	741.105	741.441	740.769	K 22
K 22	747.066	703.747	698.407	698.743	698.071	K 21
A 23	779.745	661.048	655.708	656.045	655.371	A 20
R 24	822.779	637.369	632.030	632.366	631.694	R 19
K 25	865.477	585.135	579.996	580.332	579.660	K 18
A 26	889.156	542.637	537.298	537.634	536.962	A 17
A 27	912.836	518.958	513.619	513.954	513.283	A 16
G 28	931.813	495.379	489.940	490.276	489.604	G 15
G 29	950.550	470.277	470.912	471.268	470.596	G 14
A 30	974.529	467.265	451.925	452.261	451.589	A 13
K 31	1017.227	433.588	428.248	428.582	427.910	K 12
R 32	1069.261	390.897	385.548	385.884	385.217	R 11
K 33	1111.959	338.954	333.514	333.850	333.179	K 10
T 34	1153.842	296.155	290.816	291.152	290.480	T 9
S 35	1174.052	262.471	257.133	257.469	256.797	S 8
G 36	1193.660	233.462	228.123	228.459	227.797	G 7
P 37	1226.011	214.455	209.115	209.451	208.779	P 6
P 38	1258.361	182.104	176.765	177.100	176.429	P 5
V 39	1291.384	149.753	144.414	144.750	144.078	V 4
S 40	1320.995	116.730	111.391	111.727	111.055	S 3
E 41	1393.209	81.429	82.389	82.118	82.044	E 2
L 42	1401.104	44.705	39.366	39.702	39.030	L 1

sp | P43274 | H14_MOUSE

S^(Phospho)_(79.97) ETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=46.73
- ▶ F104929.dat
- ▶ query=q4002.p1
- ▶ precursor=841.263200
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	47.034	1051.326	1047.321	0.755	1047.069	S[42]
E	2	79.274	1000.570	1005.571	0.755	1005.319	E[41]
T	3	104.536	977.315	973.311	0.755	973.060	T[40]
A	4	122.205	952.564	948.569	0.755	947.791	A[39]
F	5	146.559	934.294	930.290	0.755	930.038	F[38]
A	6	164.318	910.031	906.026	0.755	905.774	A[37]
A	7	182.077	892.272	888.267	0.755	888.015	A[36]
P	8	200.340	874.513	870.508	0.755	870.250	P[35]
A	9	224.100	856.249	846.245	0.755	845.993	A[34]
A	10	241.859	833.490	828.485	0.755	828.231	A[33]
P	11	266.122	814.731	810.726	0.755	810.474	P[32]
A	12	283.881	790.468	786.463	0.755	786.211	A[31]
P	13	308.145	772.708	768.704	0.755	768.451	P[30]
A	14	325.904	748.445	744.440	0.755	744.188	A[29]
E	15	358.164	730.686	726.681	0.755	726.429	E[28]
K	16	390.138	698.423	694.420	0.684	694.167	K[27]
L	17	415.450	666.401	662.397	0.622	662.145	L[26]
P	18	430.713	641.140	637.135	0.637	636.883	P[25]
V	19	464.480	616.870	612.872	0.613	612.620	V[24]
K	20	496.504	592.100	588.105	0.588	587.853	K[23]
K	21	528.528	560.085	556.081	0.556	555.829	K[22]
K	22	560.552	528.062	524.057	0.524	523.805	K[21]
K	23	578.311	496.039	492.033	0.492	491.781	K[20]
R	24	617.336	478.279	474.274	0.474	474.022	R[19]
K	25	649.360	438.253	435.249	0.435	434.997	K[18]
A	26	667.119	407.230	403.225	0.403	402.973	A[17]
A	27	684.878	389.470	385.466	0.385	385.214	A[16]
G	28	699.134	371.711	367.706	0.367	367.454	G[15]
G	29	713.389	357.456	353.451	0.353	353.199	G[14]
A	30	731.148	343.200	339.196	0.339	338.944	A[13]
K	31	763.172	325.441	321.436	0.321	321.184	K[12]
R	32	802.197	293.417	289.413	0.289	289.161	R[11]
K	33	834.221	254.392	250.387	0.250	250.135	K[10]
V	34	850.483	222.368	218.364	0.218	218.112	V[9]
S	35	882.241	197.309	193.302	0.193	193.054	S[8]
G	36	895.697	175.340	171.344	0.171	171.092	G[7]
P	37	910.760	161.093	157.088	0.157	156.836	P[6]
F	38	944.023	138.830	132.825	0.133	132.573	F[5]
V	39	968.790	112.567	108.562	0.108	108.310	V[4]
S	40	990.548	87.800	83.795	0.084	83.543	S[3]
E	41	1022.809	66.042	62.037	0.062	61.785	E[2]
L	42	1051.080	33.783	29.778	0.033	29.524	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.16
- ▶ F104929.dat
- ▶ query=q4008_p1
- ▶ precursor=706.740390
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4235.367	4219.369	0.000	4218.362	S[43]
E	3	278.119	4106.345	4090.355	0.000	4089.315	E[43]
T	3	377.167	3977.362	3961.294	0.000	3960.270	T[41]
A	4	448.204	3870.255	3860.230	0.000	3859.238	A[40]
P	5	545.257	3805.217	3789.199	0.000	3788.191	P[39]
A	6	616.294	3708.165	3692.146	0.000	3691.138	A[38]
A	7	687.331	3637.126	3621.109	0.000	3620.101	A[37]
P	8	784.384	3566.090	3550.072	0.000	3549.064	P[36]
A	9	855.421	3489.038	3473.019	0.000	3472.011	A[35]
A	10	926.458	3398.001	3381.982	0.000	3380.974	A[34]
P	11	1023.511	3326.963	3310.944	0.000	3309.937	P[33]
A	12	1094.548	3229.911	3213.892	0.000	3212.884	A[32]
P	13	1165.600	3158.874	3142.855	0.000	3141.847	P[31]
V	14	1236.669	3081.821	3065.803	0.000	3064.794	V[30]
E	15	1419.711	2982.752	2966.734	0.000	2965.726	E[29]
K	16	1547.806	2833.710	2817.691	2818.699	2816.683	K[28]
T	17	1648.854	2705.615	2689.596	2690.604	2688.588	T[27]
P	18	1745.907	2604.567	2588.548	2589.556	2587.541	P[26]
V	19	1844.975	2507.514	2491.496	2492.504	2490.488	V[25]
R	20	1973.078	2408.446	2392.427	2393.436	2391.419	R[24]
K	21	2101.105	2280.351	2264.332	2265.340	2263.324	K[23]
R	22	2229.200	2152.258	2136.239	2137.247	2135.230	R[22]
A	23	2300.297	2024.161	2008.142	2009.150	2007.134	A[21]
K	24	2428.392	1953.124	1937.105	1938.113	1936.097	K[20]
K	25	2526.467	1825.029	1809.010	1810.018	1808.002	K[19]
T	26	2657.538	1808.934	1800.915	1801.923	1800.906	T[18]
G	27	2714.556	1595.888	1579.868	1580.875	1578.860	G[17]
A	28	2785.593	1538.885	1522.846	1523.854	1521.838	A[16]
A	29	2856.631	1467.828	1451.809	1452.817	1450.801	A[15]
A	30	2927.668	1396.791	1380.772	1381.780	1379.764	A[14]
C	31	2984.689	1325.754	1309.735	1310.743	1308.727	C[13]
K	32	3112.784	1268.732	1252.713	1253.721	1251.706	K[12]
R	33	3268.888	1140.637	1124.618	1125.626	1123.611	R[11]
K	34	3386.980	984.538	968.517	969.525	967.509	K[10]
A	35	3488.017	856.441	840.422	841.430	839.415	A[9]
S	36	3555.049	785.404	780.385	779.393	788.377	S[8]
G	37	3632.071	698.372	693.353	692.361	691.345	G[7]
P	38	3709.124	641.366	625.312	626.340	624.325	P[6]
P	39	3806.176	544.298	528.279	529.287	527.271	P[5]
V	40	3905.245	447.245	431.226	432.234	430.218	V[4]
S	41	3992.277	348.177	332.158	333.166	331.150	S[3]
E	42	4121.319	261.144	245.126	246.134	244.118	E[2]
L	43	4234.403	132.102	118.083	117.091	115.075	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.16
- ▶ F104929.dat
- ▶ query=q4008.p1
- ▶ precursor=706.740390
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2118.197	2110.188	0.504	2109.685	S(43)
E	2	138.563	1833.076	2045.047	0.504	2045.161	E(42)
T	3	189.087	1989.155	1981.145	0.504	1980.941	T(41)
A	4	224.606	1936.931	1930.622	0.504	1930.118	A(40)
F	5	273.132	1903.112	1895.103	0.504	1894.509	F(39)
A	6	308.650	1854.586	1846.577	0.504	1846.073	A(38)
A	7	344.169	1819.067	1811.058	0.504	1810.554	A(37)
P	8	382.695	1783.549	1775.540	0.504	1775.036	P(36)
A	9	429.214	1748.022	1747.013	0.504	1746.509	A(35)
A	10	463.733	1699.504	1691.495	0.504	1690.991	A(34)
F	11	512.259	1663.985	1655.976	0.504	1655.472	F(33)
A	12	547.777	1615.469	1607.450	0.504	1606.946	A(32)
F	13	586.304	1579.940	1571.930	0.504	1571.427	F(31)
V	14	645.838	1533.424	1522.405	0.504	1522.901	V(30)
E	15	710.359	1488.908	1473.870	0.504	1473.367	E(29)
K	16	774.407	1441.399	1439.349	1409.853	1408.845	K(28)
T	17	824.931	1383.311	1345.302	1345.806	1344.798	T(27)
F	18	873.457	1332.787	1294.778	1295.262	1294.274	F(26)
V	19	922.994	1254.261	1246.251	1246.755	1245.747	V(25)
K	20	987.039	1208.244	1199.717	1197.221	1199.213	K(24)
K	21	1051.086	1140.679	1132.670	1133.174	1132.166	K(23)
K	22	1115.134	1078.632	1068.622	1069.126	1068.118	K(22)
K	23	1156.652	1012.584	1004.575	1005.079	1004.071	A(21)
K	24	1214.700	977.066	965.056	966.560	968.552	K(20)
K	25	1278.748	913.018	903.009	905.513	904.199	K(19)
T	26	1329.271	845.971	840.961	841.465	840.457	T(18)
G	27	1387.782	798.447	790.437	790.941	789.934	G(17)
A	28	1393.300	769.936	761.927	762.431	761.423	A(16)
A	29	1428.819	734.418	726.408	726.912	725.904	A(15)
A	30	1464.337	698.899	690.890	691.394	690.386	A(14)
C	31	1492.848	663.386	655.377	655.879	654.871	C(13)
K	32	1556.896	634.870	626.860	627.364	626.356	K(12)
R	33	1634.946	603.822	562.813	563.317	562.309	R(11)
K	34	1698.994	492.772	484.762	485.266	484.258	K(10)
A	35	1734.512	428.724	420.715	421.219	420.211	A(9)
S	36	1778.628	363.206	361.189	361.703	360.695	S(8)
G	37	1806.530	349.690	341.680	342.184	341.176	G(7)
F	38	1855.065	321.179	313.170	313.673	312.666	F(6)
F	39	1903.592	272.652	264.643	265.147	264.139	F(5)
V	40	1953.126	254.129	246.117	246.621	245.613	V(4)
S	41	1986.642	174.592	166.583	167.086	166.078	S(3)
E	42	2003.683	118.076	123.987	124.479	123.469	E(2)
L	43	2117.705	66.555	58.545	59.049	58.041	L(1)

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.16
- ▶ F104929.dat
- ▶ query=q4008_p1
- ▶ precursor=706.740390
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z	z+1	z+2	z	AA
S	1	60.697	1412.467	1407.128	0.672	1406.792	S[42]
E	2	62.711	1399.451	1364.714	0.672	1363.776	E[24]
T	3	126.594	1325.439	1321.099	0.672	1320.763	T[41]
A	4	150.073	1292.756	1287.417	0.672	1287.081	A[40]
P	5	162.424	1269.077	1263.738	0.672	1263.402	P[39]
A	6	206.103	1236.720	1231.387	0.672	1231.051	A[38]
A	7	229.782	1211.047	1207.708	0.672	1207.372	A[37]
P	8	262.133	1189.560	1184.229	0.672	1183.693	P[36]
A	9	285.812	1157.017	1151.678	0.672	1151.342	A[35]
A	10	309.491	1133.338	1127.999	0.672	1127.663	A[34]
P	11	341.842	1109.059	1104.320	0.672	1103.984	P[33]
A	12	365.521	1077.308	1071.969	0.672	1071.633	A[32]
P	13	397.872	1051.620	1046.290	0.672	1047.954	P[31]
V	14	430.694	1021.371	1015.939	0.672	1015.560	V[30]
E	15	474.009	988.250	982.910	0.672	982.550	E[29]
K	16	516.607	945.241	939.902	940.238	939.566	K[28]
T	17	550.290	902.547	897.204	897.539	896.868	T[27]
P	18	582.640	868.861	863.521	863.857	863.189	P[26]
V	19	615.663	836.510	831.170	831.506	830.829	V[25]
K	20	658.302	803.467	798.147	798.483	797.811	K[24]
K	21	701.000	760.789	755.449	755.785	755.113	K[23]
K	22	743.758	718.090	712.751	713.087	712.415	K[22]
A	23	767.437	675.392	670.052	670.388	669.716	A[21]
K	24	810.136	651.713	646.373	646.709	646.037	K[20]
K	25	852.834	609.015	603.675	604.011	603.339	K[19]
T	26	894.916	566.310	560.977	561.313	560.641	T[18]
G	27	905.524	533.034	527.204	527.630	526.958	G[17]
A	28	929.203	513.626	508.287	508.623	507.951	A[16]
A	29	952.882	489.947	484.608	484.944	484.272	A[15]
A	30	976.561	466.260	460.920	461.265	460.591	A[14]
G	31	995.568	442.580	437.250	437.586	436.914	G[13]
K	32	1038.266	423.587	418.243	418.579	417.907	K[12]
R	33	1090.300	380.884	375.544	375.880	375.208	R[11]
K	34	1132.998	328.850	323.511	323.847	323.175	K[10]
A	35	1156.677	286.157	280.812	281.148	280.476	A[0]
S	36	1185.688	262.473	257.133	257.469	256.797	S[8]
G	37	1204.695	211.462	206.123	206.459	205.787	G[7]
P	38	1237.046	214.451	209.115	209.451	208.779	P[6]
P	39	1269.397	182.104	176.765	177.100	176.425	P[5]
V	40	1302.420	149.753	144.414	144.750	144.078	V[4]
S	41	1331.430	116.730	111.391	111.727	111.055	S[3]
E	42	1374.445	87.720	82.380	82.716	82.044	E[2]
L	43	1412.139	44.705	39.366	39.702	39.030	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.16
- ▶ F104929.dat
- ▶ query=q4008_p1
- ▶ precursor=706.740390
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1059.602	1055.598	0.755	1065.346	S[43]
E[2]	69.785	1027.342	1023.337	0.755	1023.085	E[42]
T[3]	95.047	995.081	991.076	0.755	990.824	T[41]
A[4]	112.806	969.819	965.814	0.755	965.562	A[40]
P[5]	137.070	952.060	948.055	0.755	947.803	P[39]
A[6]	154.829	927.797	923.792	0.755	923.540	A[38]
A[7]	172.588	903.537	906.033	0.755	905.781	A[37]
P[8]	190.251	882.278	882.273	0.755	888.021	P[36]
A[9]	214.611	868.015	864.010	0.755	863.758	A[35]
A[10]	232.370	850.256	846.251	0.755	845.999	A[34]
P[11]	256.633	832.496	828.492	0.755	828.240	P[33]
A[12]	274.392	828.233	804.228	0.755	803.976	A[32]
P[13]	298.656	790.474	787.469	0.755	786.212	P[31]
V[14]	323.423	766.211	762.206	0.755	761.954	V[30]
E[15]	355.683	741.444	737.439	0.755	737.187	E[29]
K[16]	387.707	709.183	705.178	705.430	704.926	K[28]
T[17]	412.969	677.159	673.154	673.406	672.903	T[27]
P[18]	437.232	651.897	647.893	648.145	647.641	P[26]
V[19]	461.999	627.634	623.629	623.881	623.377	V[25]
K[20]	494.023	602.897	598.892	599.114	598.610	K[24]
K[21]	526.047	579.243	569.230	567.000	566.597	K[23]
K[22]	558.070	538.819	534.815	535.067	534.561	K[22]
A[23]	575.830	506.796	502.791	503.043	503.539	A[21]
K[24]	607.854	489.036	485.032	485.284	484.780	K[20]
K[25]	639.877	457.013	453.008	453.260	452.756	K[19]
T[26]	665.139	434.889	420.964	423.236	420.732	T[18]
A[27]	673.385	399.727	395.723	395.914	395.470	A[17]
A[28]	697.154	385.472	381.467	381.719	381.215	A[16]
A[29]	714.913	367.712	363.708	363.960	363.456	A[15]
A[30]	732.672	349.953	345.948	346.200	345.696	A[14]
G[31]	749.928	332.194	328.189	328.441	327.937	G[13]
K[32]	778.951	317.938	313.934	314.186	313.682	K[12]
K[33]	817.977	285.915	281.910	282.162	281.658	K[11]
A[34]	836.661	268.889	264.884	265.117	264.613	A[10]
A[35]	857.790	214.866	210.861	211.113	210.609	A[9]
S[36]	889.518	197.106	193.102	193.354	192.850	S[8]
G[37]	903.773	175.948	171.944	171.506	171.002	G[7]
P[38]	928.036	161.093	157.088	157.340	156.836	P[6]
P[39]	952.300	136.830	132.825	133.077	132.573	P[5]
V[40]	977.067	112.567	108.562	108.814	108.310	V[4]
S[41]	998.825	87.800	83.795	84.047	83.543	S[3]
E[42]	1031.085	66.042	62.037	62.289	61.785	E[2]
L[43]	1059.356	33.781	29.776	30.028	29.524	L[1]

sp | P43277 | H13_MOUSE

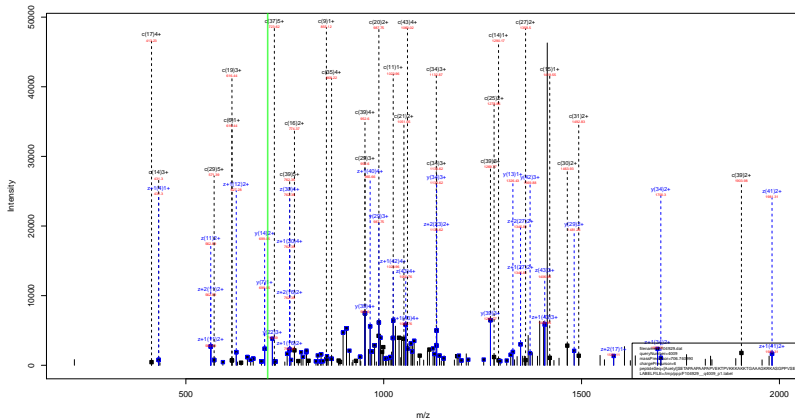
[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=44.16
- ▶ F104929.dat
- ▶ query=q4008_p1
- ▶ precursor=706.740390
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	847.883	844.600	0.806	844.478	S[43]
E[2]	56.030	827.075	818.871	0.806	818.669	E[42]
Y[3]	76.239	796.266	793.063	0.806	792.861	Y[41]
A[4]	90.447	776.051	772.853	0.806	772.651	A[40]
P[5]	109.857	761.849	758.646	0.806	758.444	P[39]
A[6]	124.065	742.439	739.235	0.806	739.033	A[38]
A[7]	138.272	728.231	725.028	0.806	724.826	A[37]
P[8]	157.683	714.024	710.820	0.806	710.619	P[36]
A[9]	171.890	694.613	691.410	0.806	691.208	A[35]
A[10]	186.097	680.406	677.202	0.806	677.001	A[34]
P[11]	203.308	666.199	662.995	0.806	662.793	P[33]
A[12]	219.715	646.789	643.584	0.806	643.383	A[32]
P[13]	239.126	632.581	629.377	0.806	629.175	P[31]
V[14]	258.940	613.170	609.966	0.806	609.765	V[30]
E[15]	284.748	593.356	590.153	0.806	589.951	E[29]
K[16]	310.367	567.548	564.344	564.344	564.142	K[28]
T[17]	330.577	541.929	538.725	538.927	538.523	T[27]
P[18]	349.967	521.719	518.516	518.717	518.314	P[26]
V[19]	369.801	502.309	499.105	499.307	498.903	V[25]
K[20]	395.420	482.495	479.291	479.493	479.090	K[24]
K[21]	421.839	456.878	453.672	453.874	453.471	K[23]
K[22]	446.058	431.257	428.053	428.254	427.852	K[22]
A[23]	460.365	405.630	402.424	402.626	402.223	A[21]
K[24]	486.484	391.431	388.227	388.428	388.025	K[20]
K[25]	512.103	365.812	362.608	362.809	362.406	K[19]
T[26]	532.313	340.193	336.989	337.190	336.787	T[18]
G[27]	543.717	319.983	316.779	316.981	316.578	G[17]
A[28]	557.925	308.579	305.375	305.577	305.173	A[16]
A[29]	572.132	294.371	291.168	291.369	290.966	A[15]
A[30]	586.339	280.164	276.960	277.162	276.759	A[14]
G[31]	597.744	265.957	262.753	262.954	262.551	G[13]
K[32]	623.363	254.552	251.348	251.550	251.147	K[12]
R[33]	654.583	228.933	225.730	225.931	225.528	R[11]
K[34]	680.202	197.713	194.509	194.711	194.308	K[10]
A[35]	694.409	172.094	168.890	169.092	168.689	A[9]
S[36]	711.816	157.887	154.683	154.884	154.481	S[8]
G[37]	723.220	140.480	137.276	137.478	137.075	G[7]
P[38]	742.631	129.076	125.872	126.074	125.671	P[6]
P[39]	762.041	109.665	106.462	106.663	106.260	P[5]
V[40]	781.855	90.255	87.051	87.253	86.849	V[4]
S[41]	799.261	70.844	67.237	67.439	67.036	S[3]
E[42]	825.070	53.035	49.831	50.033	49.629	E[2]
L[43]	847.687	37.226	34.022	34.224	33.821	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL



sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.31
- ▶ F104929.dat
- ▶ query=q4009_p1
- ▶ precursor=706.740990
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	147.076	4235.387	4219.369	0.000	4218.362	S[43]
E	2	278.319	4198.345	4030.335	0.000	4039.315	E[42]
T	3	377.167	3977.302	3951.294	0.000	3960.270	T[41]
A	4	448.204	3870.255	3850.236	0.000	3859.228	A[40]
F	5	545.257	3805.217	3789.199	0.000	3788.191	F[39]
A	6	616.294	3708.165	3692.146	0.000	3691.138	A[38]
A	7	657.231	3637.125	3621.109	0.000	3620.101	A[37]
P	8	784.284	3556.090	3530.072	0.000	3549.064	P[36]
A	9	855.421	3469.038	3453.019	0.000	3452.011	A[35]
A	10	926.458	3398.001	3381.982	0.000	3380.974	A[34]
P	11	1023.511	3326.963	3310.944	0.000	3309.937	P[33]
A	12	1094.548	3259.911	3243.892	0.000	3242.884	A[32]
P	13	1167.600	3198.874	3182.855	0.000	3181.847	P[31]
V	14	1290.669	3091.821	3085.803	0.000	3084.795	V[30]
E	15	1419.711	2992.752	2986.734	0.000	2985.726	E[29]
K	16	1547.806	2833.710	2817.691	2818.699	2816.683	K[28]
T	17	1648.854	2705.615	2689.596	2690.604	2688.588	T[27]
P	18	1745.907	2604.567	2588.548	2589.556	2587.541	P[26]
V	19	1844.975	2507.514	2491.496	2492.504	2490.488	V[25]
R	20	1973.078	2408.446	2392.427	2393.435	2391.418	R[24]
K	21	2101.105	2280.351	2264.332	2265.340	2263.324	K[23]
K	22	2229.200	2152.258	2136.239	2137.247	2135.230	K[22]
A	23	2300.297	2024.161	2008.142	2009.150	2007.134	A[21]
K	24	2428.392	1953.124	1937.105	1938.113	1936.097	K[20]
K	25	2526.487	1825.020	1809.001	1810.010	1808.002	K[19]
T	26	2657.538	1706.934	1690.915	1691.923	1689.906	T[18]
G	27	2714.556	1595.888	1579.868	1580.875	1578.860	G[17]
A	28	2785.593	1538.885	1522.866	1523.874	1521.858	A[16]
A	29	2856.631	1467.828	1451.809	1452.817	1450.801	A[15]
A	30	2927.668	1396.791	1380.772	1381.780	1379.764	A[14]
C	31	2984.689	1325.754	1309.735	1310.743	1308.727	C[13]
K	32	3112.784	1208.724	1252.713	1253.721	1251.706	K[12]
R	33	3268.888	1140.637	1124.618	1125.626	1123.611	R[11]
K	34	3396.980	984.538	968.517	969.525	967.509	K[10]
A	35	3488.017	856.441	840.422	841.430	839.413	A[9]
S	36	3555.049	735.404	719.385	720.393	718.377	S[8]
G	37	3632.071	698.372	682.353	683.361	681.345	G[7]
P	38	3709.124	641.306	625.287	626.295	624.279	P[6]
P	39	3806.176	544.298	528.279	529.287	527.271	P[5]
V	40	3905.245	447.245	431.226	432.234	430.218	V[4]
S	41	3992.277	348.177	332.158	333.166	331.150	S[3]
E	42	4121.319	261.144	245.125	246.134	244.118	E[2]
L	43	4234.403	132.102	116.083	117.091	115.075	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.31
- ▶ F104929.dat
- ▶ query=q4009_p1
- ▶ precursor=706.740990
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
E	1	74.042	2118.197	2110.188	0.504	2109.686	E[43]
E	2	138.563	2051.676	2043.667	0.504	2043.163	E[42]
T	3	189.087	1988.155	1981.145	0.504	1980.641	T[41]
A	4	224.606	1928.631	1920.622	0.504	1920.118	A[40]
F	5	273.132	1903.112	1895.103	0.504	1894.599	F[39]
A	6	308.650	1834.586	1826.577	0.504	1826.073	A[38]
A	7	344.169	1819.067	1811.058	0.504	1810.554	A[37]
F	8	382.695	1783.549	1775.540	0.504	1775.036	F[36]
A	9	428.214	1755.022	1747.013	0.504	1746.509	A[35]
A	10	463.733	1699.504	1691.495	0.504	1690.991	A[34]
F	11	512.259	1663.965	1655.956	0.504	1655.452	F[33]
A	12	547.777	1615.439	1607.430	0.504	1606.926	A[32]
F	13	586.304	1579.940	1571.931	0.504	1571.427	F[31]
V	14	645.338	1533.414	1525.405	0.504	1524.901	V[30]
E	15	710.359	1481.880	1473.870	0.504	1473.367	E[29]
K	16	774.407	1417.359	1409.349	1409.853	1408.848	K[28]
T	17	824.911	1353.311	1345.302	1345.806	1344.798	T[27]
F	18	873.437	1302.787	1294.778	1295.282	1294.274	F[26]
V	19	922.954	1254.261	1246.251	1246.755	1245.748	V[25]
K	20	987.039	1204.727	1196.717	1197.221	1196.213	K[24]
K	21	1051.086	1140.679	1132.670	1133.174	1132.166	K[23]
K	22	1115.134	1076.632	1068.622	1069.126	1068.118	K[22]
A	23	1150.652	1012.584	1004.575	1005.079	1004.071	A[21]
K	24	1214.700	977.066	969.056	969.560	968.552	K[20]
K	25	1278.747	913.018	905.008	905.513	904.505	K[19]
T	26	1320.271	848.971	840.961	841.465	840.457	T[18]
G	27	1357.782	798.447	790.437	790.941	789.934	G[17]
A	28	1383.300	769.936	761.927	762.431	761.423	A[16]
A	29	1428.819	734.419	726.408	726.912	725.904	A[15]
A	30	1464.337	690.099	690.603	691.107	690.388	A[14]
C	31	1492.848	663.380	655.371	655.875	654.867	C[13]
K	32	1556.896	634.978	626.860	627.364	626.356	K[12]
R	33	1634.946	570.822	562.813	563.317	562.309	R[11]
K	34	1698.994	492.772	484.762	485.266	484.258	K[10]
A	35	1734.512	428.724	420.715	421.219	420.211	A[9]
S	36	1778.028	393.205	385.195	385.700	384.692	S[8]
G	37	1806.539	349.689	341.680	342.184	341.176	G[7]
F	38	1855.065	321.179	313.170	313.673	312.666	F[6]
F	39	1903.592	272.652	264.643	265.147	264.139	F[5]
V	40	1953.126	234.129	218.117	218.621	215.613	V[4]
S	41	1986.642	174.592	166.583	167.086	166.078	S[3]
E	42	2003.163	118.076	123.067	123.570	122.562	E[2]
L	43	2117.705	66.555	58.545	59.049	58.041	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=45.31
- ▶ F104929.dat
- ▶ query=q4009_p1
- ▶ precursor=706.740990
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	60.697	1412.498	1407.128	0.672	1406.792	S[42]
S[2]	62.711	1369.453	1369.414	0.672	1369.078	S[43]
T[3]	126.394	1326.439	1321.099	0.672	1320.763	T[41]
A[4]	150.073	1292.756	1287.417	0.672	1287.081	A[40]
F[5]	162.424	1269.077	1263.738	0.672	1263.402	F[39]
A[6]	206.103	1238.720	1231.387	0.672	1231.051	A[38]
A[7]	229.782	1213.047	1207.708	0.672	1207.372	A[37]
F[8]	262.133	1189.368	1184.029	0.672	1183.693	F[36]
A[9]	285.812	1157.017	1151.678	0.672	1151.342	A[35]
A[10]	309.491	1133.338	1127.999	0.672	1127.663	A[34]
F[11]	341.842	1109.659	1104.320	0.672	1103.984	F[33]
A[12]	365.521	1077.308	1071.969	0.672	1071.633	A[32]
P[13]	397.872	1053.629	1048.290	0.672	1047.954	P[31]
V[14]	430.694	1031.278	1015.939	0.672	1015.603	V[30]
E[15]	474.909	988.256	982.916	0.672	982.580	E[29]
K[16]	516.607	945.261	939.902	940.238	939.566	K[28]
T[17]	550.290	902.547	897.204	897.539	896.868	T[27]
P[18]	582.640	868.861	863.521	863.857	863.185	P[26]
V[19]	615.663	826.519	821.179	821.506	820.834	V[25]
K[20]	658.302	803.487	798.147	798.483	797.811	K[24]
K[21]	701.090	760.789	755.449	755.785	755.113	K[23]
K[22]	743.758	718.090	712.751	713.087	712.415	K[22]
A[23]	787.437	675.392	670.052	670.388	669.716	A[21]
K[24]	810.136	651.713	646.373	646.709	646.037	K[20]
K[25]	852.824	609.015	603.675	604.011	603.339	K[19]
T[26]	886.516	566.316	560.977	561.313	560.641	T[18]
G[27]	905.524	533.636	527.296	527.632	526.960	G[17]
A[28]	929.203	513.626	508.287	508.623	507.951	A[16]
A[29]	952.882	489.947	484.608	484.944	484.272	A[15]
A[30]	976.561	466.269	460.929	461.265	460.593	A[14]
G[31]	995.568	442.589	437.250	437.586	436.914	G[13]
K[32]	1038.266	423.587	418.248	418.579	417.907	K[12]
R[33]	1090.300	380.884	375.544	375.880	375.208	R[11]
K[34]	1132.998	328.850	323.511	323.847	323.175	K[10]
A[35]	1156.677	286.157	280.817	281.148	280.476	A[0]
S[36]	1185.688	262.473	257.133	257.469	256.797	S[8]
G[37]	1204.695	213.462	208.123	208.459	207.787	G[7]
F[38]	1237.046	214.451	209.115	209.451	208.779	F[6]
F[39]	1269.397	182.104	176.765	177.100	176.429	F[5]
V[40]	1302.420	149.753	144.414	144.750	144.078	V[4]
S[41]	1331.430	116.730	111.391	111.727	111.055	S[3]
E[42]	1374.445	87.720	82.380	82.716	82.044	E[2]
L[43]	1412.139	44.705	39.366	39.702	39.030	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=45.31
- ▶ F104929.dat
- ▶ query=q4009_p1
- ▶ precursor=706.740990
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1059.602	1055.598	0.755	1055.346	S 42
E 2	69.785	1027.342	1023.337	0.755	1023.085	E 42
T 3	95.047	995.081	991.076	0.755	990.824	T 41
A 4	112.806	969.819	965.814	0.755	965.562	A 40
P 5	127.070	952.060	948.055	0.755	947.803	P 39
A 6	154.820	927.797	923.792	0.755	923.540	A 38
A 7	172.588	910.037	906.033	0.755	905.781	A 37
P 8	196.251	892.276	888.271	0.755	888.019	P 36
A 9	214.811	868.015	864.010	0.755	863.758	A 35
A 10	232.570	850.250	846.251	0.755	845.999	A 34
P 11	256.633	832.496	828.492	0.755	828.240	P 33
A 12	274.302	808.233	804.228	0.755	803.976	A 32
P 13	298.056	790.473	786.468	0.755	786.216	P 31
V 14	323.423	766.211	762.206	0.755	761.954	V 30
E 15	353.683	743.444	739.439	0.755	739.187	E 29
K 16	387.707	709.183	705.178	705.430	704.926	K 28
T 17	412.969	677.159	673.154	673.406	672.903	T 27
P 18	437.232	651.897	647.893	648.145	647.641	P 26
V 19	461.999	627.634	623.629	623.881	623.377	V 25
K 20	494.023	600.267	598.002	599.114	598.913	K 24
K 21	526.047	570.843	566.839	567.090	566.587	K 23
K 22	558.070	538.819	534.815	535.067	534.563	K 22
A 23	578.830	506.796	502.791	503.043	502.539	A 21
K 24	607.854	489.030	485.032	485.284	484.780	K 20
K 25	639.877	457.013	453.008	453.260	452.756	K 19
T 26	665.139	434.989	430.984	431.236	430.732	T 18
G 27	679.395	395.727	395.727	395.974	395.470	G 17
A 28	697.154	385.472	381.467	381.719	381.215	A 16
A 29	714.913	367.712	363.708	363.960	363.456	A 15
A 30	732.672	349.953	345.948	346.200	345.696	A 14
G 31	746.928	332.194	328.189	328.441	327.937	G 13
K 32	778.951	317.698	313.694	313.946	313.442	K 12
K 33	817.974	289.911	281.910	282.162	281.658	K 11
K 34	850.001	246.889	242.885	243.137	242.633	K 10
A 35	867.760	214.899	210.891	211.113	210.609	A 9
S 36	889.518	197.100	193.102	193.354	192.850	S 8
G 37	903.773	175.348	171.344	171.596	171.092	G 7
P 38	926.036	161.093	157.088	157.340	156.836	P 6
P 39	952.300	139.839	132.826	133.077	132.573	P 5
V 40	977.067	112.507	108.502	108.814	108.310	V 4
S 41	998.825	87.800	83.795	84.047	83.543	S 3
E 42	1031.085	66.042	62.037	62.289	61.785	E 2
L 43	1059.356	33.781	29.776	30.028	29.524	L 1

sp | P43277 | H13_MOUSE

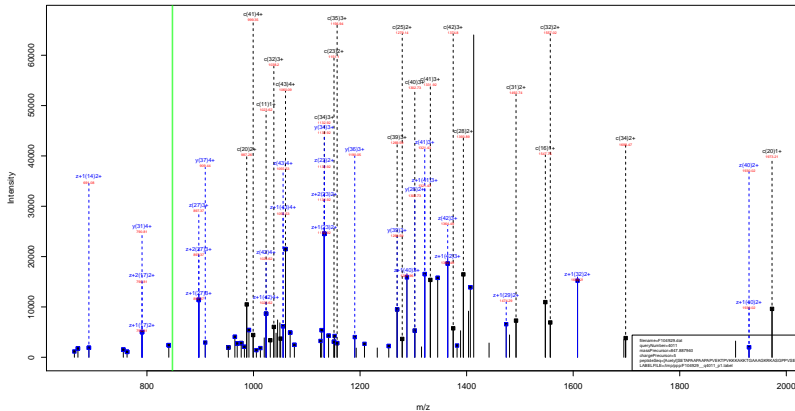
[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=45.31
- ▶ F104929.dat
- ▶ query=q4009_p1
- ▶ precursor=706.740990
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	847.883	844.680	0.806	844.478	S[43]
E[2]	56.030	822.075	818.871	0.806	818.669	E[42]
Y[3]	76.239	796.266	793.063	0.806	792.861	Y[41]
A[4]	90.447	776.051	772.853	0.806	772.651	A[40]
P[5]	109.857	761.849	758.646	0.806	758.444	P[39]
A[6]	124.065	742.439	739.235	0.806	739.033	A[38]
A[7]	138.272	728.231	725.028	0.806	724.826	A[37]
P[8]	157.683	714.024	710.820	0.806	710.619	P[36]
A[9]	171.890	694.613	691.410	0.806	691.208	A[35]
A[10]	186.097	680.406	677.202	0.806	677.001	A[34]
T[11]	203.308	666.199	662.995	0.806	662.793	T[33]
A[12]	219.715	646.789	643.584	0.806	643.383	A[32]
P[13]	239.126	632.581	629.377	0.806	629.175	P[31]
V[14]	258.940	613.170	609.966	0.806	609.765	V[30]
E[15]	284.748	593.356	590.153	0.806	589.951	E[29]
K[16]	310.367	567.948	564.744	564.546	564.342	K[28]
T[17]	330.577	541.929	538.725	538.927	538.523	T[27]
P[18]	349.987	521.719	518.516	518.717	518.314	P[26]
V[19]	369.801	502.309	499.105	499.307	498.903	V[25]
K[20]	395.420	482.895	479.291	479.493	479.090	K[24]
K[21]	421.839	456.878	453.672	453.874	453.471	K[23]
K[22]	446.058	431.257	428.053	428.254	427.852	K[22]
A[23]	460.365	405.638	402.434	402.636	402.233	A[21]
K[24]	486.484	391.431	388.227	388.428	388.025	K[20]
K[25]	512.103	365.812	362.608	362.809	362.406	K[19]
T[26]	532.313	340.193	336.989	337.190	336.787	T[18]
G[27]	543.717	319.983	316.779	316.981	316.578	G[17]
A[28]	557.925	308.579	305.375	305.577	305.173	A[16]
A[29]	572.132	294.371	291.168	291.369	290.966	A[15]
A[30]	586.339	280.164	276.960	277.162	276.759	A[14]
G[31]	597.744	265.957	262.753	262.954	262.551	G[13]
K[32]	623.363	254.552	251.348	251.550	251.147	K[12]
R[13]	654.583	228.933	225.730	225.931	225.528	R[11]
K[34]	680.202	197.713	194.509	194.711	194.308	K[10]
A[35]	694.409	172.094	168.890	169.092	168.689	A[9]
S[36]	711.816	157.887	154.683	154.884	154.481	S[8]
G[37]	723.220	140.480	137.276	137.478	137.075	G[7]
P[38]	742.631	129.076	125.872	126.074	125.671	P[6]
P[39]	762.041	109.665	106.462	106.663	106.260	P[5]
V[40]	781.855	90.255	87.051	87.253	86.849	V[4]
S[41]	799.261	70.441	67.237	67.439	67.036	S[3]
E[42]	825.070	53.035	49.831	50.033	49.629	E[2]
L[43]	847.687	37.226	34.022	34.224	33.821	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL



sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.60
- ▶ F104929.dat
- ▶ query=q4011.p1
- ▶ precursor=847.887940
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4235.361	4218.360	0.000	4218.361	S[43]
E	2	276.119	4190.345	4090.130	0.000	4089.310	E[42]
T	3	377.167	3077.302	3961.294	0.000	3960.276	T[41]
A	4	448.204	3676.255	3860.236	0.000	3859.228	A[40]
F	5	545.257	3805.217	3789.199	0.000	3788.191	F[39]
A	6	616.294	3708.165	3692.146	0.000	3691.138	A[38]
A	7	667.331	3837.128	3621.109	0.000	3620.101	A[37]
P	8	784.384	3560.090	3550.072	0.000	3549.064	P[36]
A	9	895.421	3469.038	3451.019	0.000	3450.011	A[35]
A	10	926.458	3398.001	3381.982	0.000	3380.974	A[34]
P	11	1023.511	3326.963	3310.945	0.000	3309.937	P[33]
A	12	1094.548	3229.911	3213.892	0.000	3212.884	A[32]
P	13	1191.600	3158.874	3142.855	0.000	3141.847	P[31]
V	14	1290.669	3081.821	3045.802	0.000	3044.794	V[30]
E	15	1410.711	2962.752	2946.734	0.000	2945.726	E[29]
K	16	1547.806	2833.710	2817.691	281.869	2816.683	K[28]
V	17	1648.854	2705.615	2689.596	2690.604	2688.588	V[27]
P	18	1745.907	2604.567	2588.548	2589.556	2587.541	P[26]
V	19	1844.976	2507.514	2491.495	2492.504	2490.488	V[25]
K	20	1973.070	2409.440	2393.421	2393.436	2391.413	K[24]
K	21	2101.165	2280.351	2264.332	2265.340	2263.324	K[23]
K	22	2229.260	2152.256	2136.237	2137.245	2135.230	K[22]
A	23	2300.297	2024.161	2008.142	2009.150	2007.135	A[21]
K	24	2428.392	1953.124	1937.105	1938.113	1936.097	K[20]
K	25	2556.487	1825.029	1809.010	1810.018	1808.002	K[19]
T	26	2657.536	1766.934	1680.915	1681.923	1679.906	T[18]
G	27	2714.556	1595.880	1579.860	1580.875	1578.860	G[17]
A	28	2785.593	1518.860	1522.840	1523.854	1521.838	A[16]
A	29	2856.631	1467.828	1451.809	1452.817	1450.801	A[15]
A	30	2927.668	1396.791	1380.772	1381.780	1379.764	A[14]
G	31	2984.689	1325.754	1309.735	1310.743	1308.727	G[13]
K	32	3112.784	1266.715	1250.713	1253.721	1251.705	K[12]
R	33	3268.885	1140.637	1124.618	1125.626	1123.611	R[11]
K	34	3396.980	984.530	968.517	969.525	967.509	K[10]
A	35	3468.017	856.441	840.422	841.430	839.415	A[0]
S	36	3555.049	785.404	769.385	770.393	768.377	S[0]
G	37	3612.071	698.372	682.353	683.361	681.345	G[0]
P	38	3700.124	641.360	625.339	626.346	624.330	P[0]
P	39	3808.178	544.266	528.270	529.287	527.271	P[0]
V	40	3905.245	447.245	431.226	432.234	430.218	V[0]
S	41	3992.277	348.177	332.158	333.166	331.150	S[0]
E	42	4121.319	261.144	245.125	246.134	244.118	E[0]
L	43	4234.403	132.102	116.083	117.091	115.075	L[0]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.60
- ▶ F104929.dat
- ▶ query=q4011_p1
- ▶ precursor=847.887940
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2118.197	2110.188	0.504	2109.684	E[43]
E	2	188.563	2051.676	2045.667	0.504	2045.163	E[42]
T	3	189.087	1988.355	1981.145	0.504	1980.641	F[41]
A	4	224.606	1918.631	1930.622	0.504	1930.118	A[40]
F	5	273.132	1903.112	1895.103	0.504	1894.599	F[39]
A	6	308.650	1834.586	1846.577	0.504	1846.073	A[38]
A	7	344.169	1819.067	1811.058	0.504	1810.554	A[37]
F	8	382.695	1783.549	1775.540	0.504	1775.036	F[36]
A	9	428.214	1735.022	1727.013	0.504	1726.509	A[35]
A	10	463.733	1699.504	1691.495	0.504	1690.991	A[34]
F	11	512.259	1663.985	1655.976	0.504	1655.472	F[33]
A	12	547.777	1615.459	1607.450	0.504	1606.946	A[32]
F	13	586.304	1579.940	1571.931	0.504	1571.427	F[31]
V	14	645.838	1538.424	1530.415	0.504	1529.911	V[30]
E	15	710.359	1489.898	1473.870	0.504	1473.367	E[29]
K	16	774.407	1441.369	1439.349	1409.853	1408.845	K[28]
T	17	804.911	1383.311	1345.302	1345.806	1344.798	T[27]
F	18	873.457	1302.787	1294.778	1295.262	1294.254	F[26]
V	19	927.974	1254.261	1246.252	1246.756	1245.748	V[25]
K	20	987.039	1204.244	1196.237	1197.241	1196.233	K[24]
K	21	1051.086	1140.679	1132.670	1133.174	1132.166	K[23]
K	22	1115.134	1076.632	1068.622	1069.126	1068.118	K[22]
A	23	1150.652	1012.584	1004.575	1005.079	1004.071	A[21]
K	24	1214.700	977.066	968.056	968.560	968.552	K[20]
K	25	1278.747	913.018	905.009	905.513	904.505	K[19]
T	26	1320.271	848.971	840.961	841.465	840.457	T[18]
G	27	1357.782	798.447	790.437	790.941	789.934	G[17]
A	28	1393.300	769.916	761.927	762.431	761.423	A[16]
A	29	1428.810	734.419	728.408	726.912	725.904	A[15]
A	30	1454.327	699.899	690.890	691.394	690.386	A[14]
G	31	1492.848	663.380	655.371	655.875	654.867	G[13]
K	32	1556.896	634.870	628.859	627.364	626.356	K[12]
R	33	1634.946	670.822	562.813	563.317	562.309	R[11]
K	34	1698.994	692.772	484.762	485.266	484.258	K[10]
A	35	1734.512	428.724	420.715	421.219	420.211	A[9]
S	36	1778.628	393.206	385.197	385.701	384.693	S[8]
G	37	1895.519	349.689	341.680	342.184	341.176	G[7]
F	38	1955.065	321.179	313.170	313.673	312.666	F[6]
F	39	1983.592	272.652	264.643	265.147	264.139	F[5]
V	40	1953.126	254.126	218.117	218.621	215.613	V[4]
S	41	1986.642	174.592	166.583	167.086	166.078	S[3]
E	42	2003.683	113.076	123.987	124.491	123.483	E[2]
L	43	2117.705	66.555	58.545	59.049	58.041	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=35.60
- ▶ F104929.dat
- ▶ query=q4011_p1
- ▶ precursor=847.887940
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	60.697	1412.461	1407.128	0.672	1406.702	S[42]
E[2]	62.711	1309.451	1364.114	0.672	1363.776	E[42]
T[3]	126.594	1326.430	1321.099	0.672	1320.763	T[41]
A[4]	150.073	1292.756	1287.417	0.672	1287.081	A[40]
F[5]	162.424	1269.077	1263.738	0.672	1263.402	F[39]
A[6]	206.103	1236.726	1231.387	0.672	1231.051	A[38]
A[7]	229.762	1213.041	1207.708	0.672	1207.372	A[37]
P[8]	262.133	1189.368	1184.029	0.672	1183.693	P[36]
A[9]	285.812	1157.017	1151.678	0.672	1151.342	A[35]
A[10]	309.491	1133.338	1127.999	0.672	1127.663	A[34]
P[11]	341.842	1109.659	1104.320	0.672	1103.984	P[33]
A[12]	365.521	1077.308	1071.969	0.672	1071.633	A[32]
P[13]	397.872	1053.620	1048.280	0.672	1047.954	P[31]
V[14]	430.224	1031.273	1015.639	0.672	1015.303	V[30]
E[15]	473.909	988.250	982.916	0.672	982.580	E[29]
K[16]	516.607	945.241	939.902	940.238	939.566	K[28]
T[17]	550.290	902.547	897.204	897.539	896.868	T[27]
P[18]	582.640	868.861	863.521	863.857	863.185	P[26]
V[19]	615.663	836.510	831.170	831.506	830.834	V[25]
K[20]	658.302	803.467	798.147	798.483	797.811	K[24]
K[21]	701.000	760.789	755.449	755.785	755.113	K[23]
K[22]	743.758	718.000	712.751	713.087	712.415	K[22]
A[23]	767.437	675.392	670.052	670.388	669.716	A[21]
K[24]	810.136	651.713	646.373	646.709	646.037	K[20]
K[25]	852.834	609.015	603.675	604.011	603.339	K[19]
T[26]	896.516	566.316	560.977	561.313	560.641	T[18]
G[27]	905.524	533.634	527.294	527.630	526.958	G[17]
A[28]	929.203	513.626	508.287	508.623	507.951	A[16]
A[29]	952.882	469.947	464.608	464.944	464.272	A[15]
A[30]	976.561	466.260	460.920	461.255	460.591	A[14]
G[31]	965.568	442.580	437.250	437.586	436.914	G[13]
K[32]	1038.266	423.587	418.243	418.579	417.907	K[12]
R[33]	1050.300	380.884	375.544	375.880	375.208	R[11]
K[34]	1132.998	328.850	323.511	323.847	323.175	K[10]
A[35]	1156.677	286.157	280.812	281.148	280.476	A[0]
S[36]	1185.688	262.473	257.133	257.469	256.797	S[8]
G[37]	1204.695	213.462	208.123	208.459	207.787	G[7]
P[38]	1237.046	214.453	209.115	209.451	208.779	P[6]
P[39]	1269.397	182.104	176.765	177.100	176.425	P[5]
V[40]	1302.420	149.753	144.414	144.750	144.078	V[4]
S[41]	1331.430	116.730	111.391	111.727	111.055	S[3]
E[42]	1374.445	87.720	82.380	82.716	82.044	E[2]
L[43]	1412.139	44.705	39.366	39.702	39.030	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=35.60
- ▶ F104929.dat
- ▶ query=q4011.p1
- ▶ precursor=847.887940
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	37.925	1059.602	1055.598	0.755	1055.346	S 42
E 2	69.785	1027.342	1023.337	0.755	1023.085	E 42
T 3	95.047	995.081	991.076	0.755	990.824	T 41
A 4	112.806	969.819	965.814	0.755	965.562	A 40
P 5	127.070	952.060	948.055	0.755	947.803	P 39
A 6	154.820	927.797	923.792	0.755	923.540	A 38
A 7	172.588	910.837	906.833	0.755	906.581	A 37
P 8	190.351	890.270	886.273	0.755	886.021	P 36
A 9	214.611	868.015	864.010	0.755	863.758	A 35
A 10	232.370	850.250	846.251	0.755	845.999	A 34
P 11	256.633	832.490	828.492	0.755	828.240	P 33
A 12	274.392	808.233	804.238	0.755	803.976	A 32
P 13	298.656	790.474	786.469	0.755	786.217	P 31
V 14	323.423	766.211	762.206	0.755	761.954	V 30
E 15	355.683	741.444	737.439	0.755	737.187	E 29
K 16	387.707	709.183	705.178	705.430	704.926	K 28
T 17	412.969	677.159	673.154	673.406	672.903	T 27
P 18	437.232	651.897	647.893	648.145	647.641	P 26
V 19	461.999	627.634	623.629	623.881	623.377	V 25
K 20	484.423	602.967	598.962	599.114	598.611	K 24
K 21	526.047	570.843	566.839	567.090	566.587	K 23
K 22	558.070	538.819	534.815	535.067	534.563	K 22
A 23	578.830	506.796	502.791	503.043	502.539	A 21
K 24	607.854	489.030	485.032	485.284	484.780	K 20
K 25	639.877	457.013	453.008	453.260	452.756	K 19
T 26	665.139	434.989	430.984	431.236	430.732	T 18
G 27	679.395	395.727	395.727	395.974	395.470	G 17
A 28	697.154	385.472	381.467	381.719	381.215	A 16
A 29	714.913	367.712	363.708	363.960	363.456	A 15
A 30	732.672	349.953	345.948	346.200	345.696	A 14
G 31	746.928	332.194	328.189	328.441	327.937	G 13
K 32	778.951	317.698	313.694	313.946	313.442	K 12
K 33	817.974	285.915	281.910	282.162	281.658	K 11
K 34	850.001	246.889	242.885	243.137	242.633	K 10
A 35	867.760	214.899	210.891	211.113	210.609	A 9
S 36	889.518	197.100	193.102	193.354	192.850	S 8
G 37	903.773	175.348	171.344	171.596	171.092	G 7
P 38	924.626	161.093	157.088	157.340	156.836	P 6
P 39	952.300	139.839	132.826	133.077	132.573	P 5
V 40	977.067	112.507	108.502	108.814	108.310	V 4
S 41	998.825	87.800	83.795	84.047	83.543	S 3
E 42	1031.085	66.042	62.037	62.289	61.785	E 2
L 43	1059.356	33.781	29.776	30.028	29.524	L 1

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.17
- ▶ F104929.dat
- ▶ query=q4012.p1
- ▶ precursor=1059.608400
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.070	4235.397	4219.386	0.000	4218.361	S[43]
E	2	276.110	4106.345	4090.326	0.000	4089.310	E[42]
T	3	377.167	3977.302	3961.284	0.000	3960.276	T[41]
A	4	448.204	3876.255	3860.236	0.000	3859.228	A[40]
P	5	545.257	3805.217	3789.199	0.000	3788.191	P[39]
A	6	616.294	3708.165	3692.146	0.000	3691.139	A[38]
A	7	687.331	3617.128	3601.109	0.000	3600.101	A[37]
P	8	784.384	3566.093	3550.072	0.000	3549.064	P[36]
A	9	855.421	3469.038	3453.019	0.000	3452.011	A[35]
A	10	926.458	3398.001	3381.982	0.000	3380.974	A[34]
P	11	1023.511	3328.963	3312.945	0.000	3309.937	P[33]
A	12	1094.548	3229.911	3213.892	0.000	3212.884	A[32]
P	13	1190.600	3158.874	3142.855	0.000	3141.847	P[31]
V	14	1260.669	3061.821	3045.802	0.000	3044.794	V[30]
E	15	1419.711	2962.782	2946.764	0.000	2945.756	E[29]
K	16	1547.806	2833.710	2817.691	2818.699	2816.683	K[28]
T	17	1648.854	2705.615	2689.596	2690.604	2688.588	T[27]
P	18	1745.907	2604.567	2588.548	2589.556	2587.541	P[26]
V	19	1844.075	2507.514	2491.495	2492.504	2490.488	V[25]
K	20	1973.070	2408.448	2392.427	2393.435	2391.421	K[24]
K	21	2101.185	2280.351	2264.332	2265.340	2263.324	K[23]
K	22	2229.280	2152.256	2136.237	2137.245	2135.230	K[22]
A	23	2300.297	2034.161	2008.142	2009.150	2007.135	A[21]
K	24	2428.392	1953.124	1937.105	1938.113	1936.097	K[20]
K	25	2556.487	1825.029	1809.010	1810.018	1808.002	K[19]
T	26	2675.535	1696.934	1680.913	1681.922	1679.906	T[18]
G	27	2714.556	1595.888	1579.868	1580.875	1578.860	G[17]
A	28	2795.593	1538.805	1522.846	1523.854	1521.838	A[16]
A	29	2856.631	1467.828	1451.809	1452.817	1450.801	A[15]
A	30	2927.668	1396.791	1380.772	1381.780	1379.764	A[14]
G	31	2984.689	1325.754	1309.735	1310.743	1308.727	G[13]
R	32	3112.784	1208.732	1252.711	1253.721	1251.705	R[12]
R	33	3268.885	1140.637	1124.618	1125.626	1123.611	R[11]
K	34	3396.980	984.536	968.517	969.525	967.509	K[10]
A	35	3468.017	856.441	840.422	841.430	839.415	A[9]
S	36	3555.049	785.404	769.385	770.393	768.377	S[8]
G	37	3612.071	698.372	682.353	683.361	681.345	G[7]
S	38	3709.124	647.356	625.337	626.345	624.329	S[6]
P	39	3805.178	544.298	528.279	529.287	527.271	P[5]
V	40	3905.245	447.245	431.226	432.234	430.218	V[4]
S	41	3992.277	348.177	332.158	333.166	331.150	S[3]
E	42	4121.319	261.144	245.125	246.134	244.118	E[2]
L	43	4234.403	132.102	116.083	117.091	115.075	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.17
- ▶ F104929.dat
- ▶ query=q4012.p1
- ▶ precursor=1059.608400
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2118.197	2110.188	0.504	2109.686	S[43]
E	2	138.563	1933.070	2045.667	0.504	2045.163	E[42]
T	3	189.087	1909.155	1981.143	0.504	1980.541	T[41]
A	4	224.606	1938.631	1930.622	0.504	1930.118	A[40]
F	5	273.132	1903.112	1895.103	0.504	1894.599	F[39]
A	6	308.650	1854.586	1846.577	0.504	1846.073	A[38]
A	7	344.169	1819.067	1811.058	0.504	1810.554	A[37]
F	8	382.695	1783.549	1775.540	0.504	1775.036	F[36]
A	9	420.214	1739.022	1727.013	0.504	1726.509	A[35]
A	10	463.733	1699.504	1691.495	0.504	1690.991	A[34]
F	11	512.250	1663.985	1655.976	0.504	1655.472	F[33]
A	12	547.777	1615.469	1607.450	0.504	1606.946	A[32]
F	13	586.304	1579.940	1571.931	0.504	1571.427	F[31]
V	14	645.830	1534.424	1526.415	0.504	1525.911	V[30]
E	15	710.359	1481.880	1473.870	0.504	1473.367	E[29]
K	16	774.407	1417.359	1409.349	1409.853	1408.848	K[28]
T	17	824.911	1353.311	1345.302	1345.806	1344.798	T[27]
F	18	873.457	1302.787	1294.778	1295.282	1294.271	F[26]
V	19	922.994	1254.261	1246.251	1246.755	1245.748	V[25]
K	20	997.039	1204.227	1195.217	1195.721	1194.713	K[24]
K	21	1051.086	1140.679	1132.670	1133.174	1132.166	K[23]
K	22	1115.134	1078.632	1068.622	1069.126	1068.118	K[22]
A	23	1180.652	1012.584	1004.575	1005.079	1004.071	A[21]
K	24	1214.700	977.066	969.056	969.560	968.552	K[20]
K	25	1278.747	913.018	905.009	905.513	904.505	K[19]
T	26	1320.271	848.971	840.961	841.465	840.457	T[18]
G	27	1357.782	798.447	790.437	790.941	789.934	G[17]
A	28	1393.300	769.936	761.927	762.431	761.423	A[16]
A	29	1428.819	734.419	726.408	726.912	725.904	A[15]
A	30	1454.337	698.899	690.889	691.394	690.386	A[14]
C	31	1492.860	663.380	655.371	655.875	654.867	C[13]
K	32	1556.896	634.870	626.860	627.364	626.356	K[12]
R	33	1634.946	610.822	602.813	603.317	602.309	R[11]
K	34	1698.994	492.772	484.762	485.266	484.258	K[10]
A	35	1734.512	428.724	420.715	421.219	420.211	A[9]
S	36	1778.028	363.206	355.197	355.701	354.693	S[8]
G	37	1809.539	349.690	341.680	342.184	341.177	G[7]
F	38	1855.065	321.179	313.170	313.673	312.666	F[6]
F	39	1903.592	272.652	264.643	265.147	264.139	F[5]
V	40	1953.126	254.129	246.119	246.623	245.615	V[4]
S	41	1986.642	174.592	166.583	167.087	166.079	S[3]
L	42	2003.153	131.076	123.067	123.570	122.562	L[2]
L	43	2117.705	66.555	58.545	59.049	58.041	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=36.17
- ▶ F104929.dat
- ▶ query=q4012.p1
- ▶ precursor=1059.608400
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	49.607	1412.467	1407.128	0.672	1406.792	S[42]
E2	92.711	1309.451	1304.114	0.672	1303.778	E[42]
T3	126.994	1326.439	1321.099	0.672	1320.763	T[41]
A4	150.073	1202.796	1287.417	0.672	1287.081	A[40]
P5	182.424	1269.077	1263.738	0.672	1263.402	P[39]
A6	206.103	1236.726	1231.387	0.672	1231.051	A[38]
A7	229.782	1213.047	1207.708	0.672	1207.372	A[37]
P8	262.133	1199.369	1194.029	0.672	1193.693	P[36]
A9	285.812	1157.017	1151.678	0.672	1151.342	A[35]
A10	309.491	1133.338	1127.999	0.672	1127.663	A[34]
P11	341.842	1109.659	1104.320	0.672	1103.984	P[33]
A12	365.521	1077.308	1071.969	0.672	1071.633	A[32]
P13	389.212	1053.629	1048.290	0.672	1047.954	P[31]
V14	430.894	1021.279	1015.939	0.672	1015.603	V[30]
E15	473.909	988.256	982.916	0.672	982.580	E[29]
K16	516.607	945.241	939.902	940.238	939.566	K[28]
T17	550.290	902.543	897.204	897.539	896.803	T[27]
P18	582.640	868.861	863.521	863.857	863.189	P[26]
V19	615.663	836.510	831.170	831.506	830.834	V[25]
K20	658.302	803.487	798.147	798.483	797.811	K[24]
K21	701.000	760.789	755.449	755.785	755.113	K[23]
K22	743.798	718.090	712.751	713.087	712.415	K[22]
A23	787.437	675.392	670.052	670.388	669.716	A[21]
K24	810.136	651.713	646.373	646.709	646.037	K[20]
K25	852.834	609.015	603.675	604.011	603.339	K[19]
T26	895.516	566.319	560.979	561.315	560.643	T[18]
G27	905.524	532.634	527.294	527.630	526.958	G[17]
A28	929.203	513.266	508.287	508.623	507.951	A[16]
A29	952.882	489.947	484.608	484.944	484.272	A[15]
A30	976.561	466.268	460.929	461.265	460.593	A[14]
G31	995.568	442.589	437.250	437.586	436.914	G[13]
K32	1038.266	423.882	418.243	418.579	417.907	K[12]
K33	1099.308	389.984	384.344	384.680	384.008	K[11]
K34	1132.998	328.850	323.511	323.847	323.175	K[10]
A35	1156.077	288.152	280.812	281.148	280.476	A[9]
S36	1185.688	262.473	257.133	257.469	256.797	S[8]
G37	1204.695	233.462	228.123	228.459	227.787	G[7]
P38	1237.646	214.455	208.115	208.451	207.779	P[6]
P39	1269.297	182.104	176.765	177.101	176.429	P[5]
V40	1302.420	149.753	144.414	144.750	144.078	V[4]
S41	1331.430	116.739	111.391	111.727	111.055	S[3]
E42	1374.445	87.720	82.380	82.716	82.044	E[2]
L43	1412.139	44.705	39.366	39.702	39.030	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.76
- ▶ F104929.dat
- ▶ query=q4014_p1
- ▶ precursor=849.278800
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4242.946	4226.537	0.000	4225.319	S[42]
E	2	276.119	4113.303	4097.284	0.000	4096.270	E[41]
L	3	377.167	3984.260	3968.242	0.000	3967.234	L[40]
A	4	449.204	3863.211	3847.194	0.000	3846.186	A[39]
P	5	545.257	3812.170	3796.157	0.000	3795.149	P[38]
A	6	616.294	3715.123	3699.104	0.000	3698.096	A[37]
E	7	745.336	3644.088	3628.067	0.000	3627.059	E[36]
T	8	846.384	3515.043	3499.024	0.000	3498.017	T[35]
A	9	917.421	3413.995	3397.977	0.000	3396.969	A[34]
A	10	988.458	3342.958	3326.940	0.000	3325.932	A[33]
P	11	1085.511	3271.921	3255.903	0.000	3254.895	P[32]
A	12	1156.548	3174.888	3158.850	0.000	3157.842	A[31]
P	13	1253.601	3103.831	3087.813	0.000	3086.805	P[30]
V	14	1352.669	3006.779	2990.760	0.000	2989.752	V[29]
E	15	1451.722	2907.710	2891.691	0.000	2890.684	E[28]
R	16	1609.807	2778.666	2762.649	0.000	2761.641	R[27]
S	17	1698.839	2690.573	2674.554	20.35	2673.546	S[26]
P	18	1793.892	2563.541	2547.522	2548.530	2546.514	P[25]
A	19	1864.929	2466.488	2450.469	2451.477	2449.461	A[24]
R	20	1993.024	2395.451	2379.432	2380.440	2378.424	R[23]
R	21	2121.119	2287.366	2271.347	2282.345	2280.329	R[22]
R	22	2269.214	2139.261	2123.242	2124.250	2122.234	R[21]
T	23	2350.261	2031.166	1995.147	1996.155	1994.139	T[20]
T	24	2451.309	1910.118	1894.099	1895.107	1893.092	T[19]
R	25	2579.404	1809.070	1793.052	1794.060	1792.044	R[18]
R	26	2707.499	1688.020	1664.957	1665.965	1663.949	R[17]
A	27	2778.536	1552.861	1536.862	1537.870	1535.854	A[16]
A	28	2838.557	1441.841	1405.825	1406.833	1404.817	A[15]
A	29	2906.595	1424.822	1408.803	1409.811	1407.795	A[14]
A	30	2977.632	1353.785	1337.766	1338.774	1336.758	A[13]
R	31	3105.727	1282.748	1266.729	1267.737	1265.721	R[12]
R	32	3261.828	1154.653	1138.634	1139.642	1137.626	R[11]
R	33	3389.923	998.552	982.533	983.541	981.525	R[10]
A	34	3460.960	870.457	854.438	855.446	853.430	A[9]
T	35	3562.008	799.420	783.401	784.409	782.393	T[8]
G	36	3616.029	698.372	682.353	683.361	681.345	G[7]
P	37	3718.082	641.350	625.332	626.340	624.324	P[6]
P	38	3813.135	544.298	528.279	529.287	527.271	P[5]
V	39	3912.203	447.245	431.226	432.234	430.218	V[4]
S	40	3999.235	348.177	332.158	333.166	331.150	S[3]
E	41	4128.278	261.144	245.126	246.134	244.118	E[2]
L	42	4241.302	132.100	116.083	117.091	115.075	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.76
- ▶ F104929.dat
- ▶ query=q4014_p1
- ▶ precursor=849.278800
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2121.676	2113.667	0.504	2113.163	S(42)
E	2	138.563	2057.155	2049.146	0.504	2048.642	E(41)
T	3	189.087	1992.634	1984.624	0.504	1984.121	T(40)
A	4	224.606	1942.110	1934.101	0.504	1933.596	A(39)
P	5	293.132	1896.591	1888.582	0.504	1888.078	P(38)
A	6	358.650	1850.065	1842.056	0.504	1841.552	A(37)
E	7	373.172	1822.547	1814.537	0.504	1814.033	E(36)
T	8	423.696	1778.025	1770.016	0.504	1769.512	T(35)
A	9	459.214	1707.501	1699.492	0.504	1698.988	A(34)
A	10	494.733	1671.983	1663.973	0.504	1663.470	A(33)
P	11	543.259	1626.464	1618.455	0.504	1617.951	P(32)
A	12	578.778	1587.938	1579.929	0.504	1579.425	A(31)
P	13	607.304	1552.419	1544.410	0.504	1543.906	P(30)
V	14	676.830	1503.893	1495.884	0.504	1495.380	V(29)
E	15	741.360	1454.359	1446.349	0.504	1445.845	E(28)
T	16	805.887	1399.837	1391.828	0.504	1391.324	T(27)
S	17	848.923	1325.360	1317.781	1318.285	1311.277	S(26)
P	18	897.449	1282.274	1274.265	1274.768	1273.761	P(25)
A	19	932.968	1233.748	1225.739	1226.242	1225.234	A(24)
K	20	997.015	1188.229	1190.220	1190.724	1189.716	K(23)
K	21	1061.063	1134.182	1126.172	1126.676	1125.668	K(22)
K	22	1125.110	1070.134	1062.125	1062.629	1061.621	K(21)
T	23	1175.614	1006.087	998.077	998.581	997.573	T(20)
T	24	1226.159	955.563	947.553	948.057	947.049	T(19)
K	25	1290.206	905.039	897.030	897.533	896.526	K(18)
K	26	1354.253	840.991	832.982	833.486	832.478	K(17)
A	27	1383.772	776.944	768.935	769.438	768.431	A(16)
G	28	1418.292	741.425	733.416	733.920	732.912	G(15)
A	29	1453.801	712.915	704.905	705.409	704.401	A(14)
A	30	1489.319	677.396	669.387	669.891	668.884	A(13)
K	31	1553.367	641.878	633.868	634.372	633.364	K(12)
R	32	1633.418	677.830	669.821	670.325	669.317	R(11)
K	33	1695.465	609.779	601.770	602.274	601.266	K(10)
A	34	1730.984	435.752	427.743	428.247	427.239	A(9)
T	35	1781.507	400.213	392.204	392.708	391.700	T(8)
G	36	1816.018	349.690	341.680	342.184	341.176	G(7)
P	37	1858.545	321.179	313.170	313.673	312.666	P(6)
P	38	1897.673	272.652	264.643	265.147	264.139	P(5)
V	39	1956.605	224.126	216.117	216.621	215.613	V(4)
S	40	2000.121	174.592	166.583	167.086	166.078	S(3)
E	41	2064.642	131.076	123.067	123.570	122.562	E(2)
L	42	2121.184	66.555	58.545	59.049	58.041	L(1)

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.76
- ▶ F104929.dat
- ▶ query=q4014_p1
- ▶ precursor=849.278800
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1414.767	1409.447	0.672	1409.111	S 42
E 2	92.711	1371.773	1366.433	0.672	1366.097	E 41
T 3	126.394	1226.767	1221.401	0.672	1221.065	T 40
A 4	150.974	1295.076	1289.736	0.672	1289.400	A 39
P 5	182.424	1271.307	1266.057	0.672	1265.721	P 38
A 6	206.103	1239.048	1233.706	0.672	1233.370	A 37
E 7	269.117	1215.367	1210.027	0.672	1209.691	E 36
T 8	282.800	1172.353	1167.013	0.672	1166.677	T 35
A 9	306.470	1138.670	1133.330	0.672	1132.994	A 34
A 10	330.158	1114.991	1109.651	0.672	1109.315	A 33
P 11	352.508	1091.312	1085.972	0.672	1085.636	P 32
A 12	386.188	1058.961	1053.621	0.672	1053.285	A 31
P 13	418.538	1035.282	1029.942	0.672	1029.606	P 30
V 14	451.561	1002.931	997.591	0.672	997.256	V 29
E 15	484.275	969.303	964.589	0.672	964.213	E 28
R 16	517.274	936.894	921.554	921.890	921.310	R 27
S 17	556.284	884.195	878.856	879.192	878.520	S 26
P 18	598.635	855.185	849.845	850.181	849.510	P 25
A 19	622.314	822.834	817.495	817.831	817.150	A 24
K 20	665.613	799.155	793.816	794.151	793.480	K 23
K 21	707.721	756.457	751.117	751.453	750.781	K 22
K 22	750.409	713.758	708.419	708.755	708.081	K 21
T 23	784.092	671.060	665.721	666.057	665.385	T 20
T 24	817.774	637.378	632.038	632.374	631.702	T 19
K 25	860.473	603.669	598.355	598.691	598.019	K 18
K 26	903.171	560.997	555.657	555.993	555.321	K 17
A 27	926.850	518.298	512.959	513.295	512.623	A 16
G 28	945.257	494.817	489.280	489.616	488.944	G 15
A 29	969.536	475.612	470.273	470.609	469.937	A 14
A 30	993.215	451.933	446.594	446.930	446.258	A 13
K 31	1035.914	428.254	422.915	423.250	422.579	K 12
R 32	1087.947	385.550	380.210	380.552	379.880	R 11
K 33	1130.646	343.522	338.183	338.518	337.844	K 10
A 34	1154.325	290.824	285.484	285.820	285.144	A 9
T 35	1188.007	267.143	261.803	262.141	261.466	T 8
G 36	1207.015	233.462	228.123	228.459	227.787	G 7
P 37	1239.305	214.455	209.115	209.451	208.779	P 6
P 38	1271.716	182.104	176.765	177.100	176.429	P 5
V 39	1304.739	149.753	144.414	144.750	144.075	V 4
S 40	1333.750	116.738	111.399	111.737	111.065	S 3
E 41	1376.764	87.220	82.380	82.716	82.044	E 2
L 42	1414.450	44.705	39.366	39.702	39.030	L 1

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=64.76
- ▶ F104929.dat
- ▶ query=q4014_p1
- ▶ precursor=849.278800
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA
S[1]	37.525	1061.342	1057.337	0.755	1057.089	S[42]
E[2]	69.785	1029.881	1025.077	0.755	1024.825	E[41]
T[3]	95.047	996.821	992.016	0.755	992.564	T[40]
A[4]	112.506	971.559	967.554	0.755	967.302	A[39]
P[5]	137.070	953.799	949.795	0.755	949.543	P[38]
A[6]	154.829	929.539	925.531	0.755	925.280	A[37]
E[7]	187.090	913.777	907.772	0.755	907.520	E[36]
T[8]	212.351	879.516	875.512	0.755	875.260	T[35]
A[9]	230.111	854.258	850.250	0.755	849.999	A[34]
A[10]	247.870	830.499	832.490	0.755	832.235	A[33]
P[11]	272.133	818.736	814.731	0.755	814.479	P[32]
A[12]	289.892	794.473	790.468	0.755	790.216	A[31]
P[13]	314.156	778.713	772.709	0.755	772.457	P[30]
V[14]	338.923	752.450	748.445	0.755	748.193	V[29]
E[15]	371.183	727.683	723.678	0.755	723.426	E[28]
R[16]	403.207	699.422	691.418	691.670	691.166	R[27]
S[17]	424.965	663.359	659.394	659.646	659.142	S[26]
P[18]	449.228	641.641	637.636	637.888	637.384	P[25]
A[19]	466.988	617.377	613.373	613.625	613.121	A[24]
K[20]	499.011	599.618	595.613	595.605	595.362	K[23]
K[21]	531.035	567.394	563.590	563.842	563.338	K[22]
K[22]	563.059	539.571	533.566	531.818	531.314	K[21]
T[23]	588.321	503.547	499.542	499.794	499.290	T[20]
T[24]	613.583	478.285	474.280	474.532	474.028	T[19]
K[25]	645.606	453.023	449.018	449.270	448.766	K[18]
K[26]	677.630	429.990	426.995	427.247	426.743	K[17]
A[27]	695.389	388.976	384.971	385.223	384.719	A[16]
T[28]	709.845	371.218	367.212	367.464	366.960	T[15]
A[29]	727.604	356.961	352.956	353.208	352.704	A[14]
A[30]	745.103	339.202	335.197	335.449	334.945	A[13]
K[31]	777.167	321.442	317.438	317.690	317.186	K[12]
R[32]	816.212	289.410	285.414	285.666	285.162	R[11]
K[33]	848.236	250.393	246.389	246.641	246.137	K[10]
A[34]	865.995	218.370	214.365	214.617	214.113	A[9]
T[35]	891.257	200.610	196.606	196.858	196.354	T[9]
G[36]	905.513	175.348	171.344	171.596	171.092	G[7]
P[37]	929.776	161.093	157.088	157.340	156.836	P[6]
P[38]	954.039	136.830	132.825	133.077	132.573	P[5]
V[39]	978.806	112.507	108.502	108.814	108.310	V[4]
S[40]	1005.564	87.800	83.795	84.047	83.543	S[3]
E[41]	1032.825	66.943	62.937	63.289	63.785	E[2]
L[42]	1061.096	33.781	29.776	30.028	29.524	L[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKT^{Phospho 79.97}PVKKKARKAAGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.41
- ▶ F104929.dat
- ▶ query=q4017_p1
- ▶ precursor=849.668400
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4244.201	4226.273	0.000	4227.266	S[42]
E	2	276.119	4115.249	4099.230	0.000	4096.222	E[41]
T	3	377.167	3998.206	3970.188	0.000	3969.180	T[40]
A	4	448.204	3885.159	3860.140	0.000	3860.132	A[39]
F	5	585.207	3814.122	3798.103	0.000	3797.096	F[38]
A	6	616.204	3717.085	3701.050	0.000	3700.042	A[37]
A	7	687.211	3646.032	3630.013	0.000	3629.005	A[36]
F	8	784.204	3574.995	3558.976	0.000	3557.968	F[35]
A	9	855.211	3477.942	3461.923	0.000	3460.915	A[34]
A	10	926.204	3406.905	3390.887	0.000	3389.879	A[33]
P	11	1023.511	3335.868	3319.849	0.000	3318.841	P[32]
A	12	1094.548	3238.815	3222.796	0.000	3221.788	A[31]
F	13	1161.600	3167.778	3151.759	0.000	3150.751	F[30]
A	14	1262.633	3070.725	3054.706	0.000	3053.698	A[29]
E	15	1391.680	2999.688	2983.669	0.000	2982.661	E[28]
K	16	1519.775	2970.645	2954.626	2865.614	2853.603	K[27]
T	17	1700.789	2742.580	2726.531	2727.539	2725.524	T[26]
F	18	1797.842	2661.536	2645.517	2646.525	2644.510	F[25]
V	19	1896.910	2664.483	2648.465	2649.473	2647.457	V[24]
K	20	2025.005	2365.415	2349.396	2350.404	2348.388	K[23]
K	21	2153.100	2237.300	2221.281	2222.289	2220.274	K[22]
K	22	2281.195	2109.225	2093.206	2094.214	2092.199	K[21]
A	23	2352.232	1981.130	1965.111	1966.119	1964.104	A[20]
R	24	2508.333	1910.093	1894.074	1895.082	1893.066	R[19]
K	25	2636.428	1753.992	1737.973	1738.981	1736.965	K[18]
A	26	2707.465	1625.897	1609.878	1610.886	1608.870	A[17]
A	27	2778.502	1354.860	1338.841	1339.849	1337.833	A[16]
G	28	2835.524	1481.823	1465.804	1468.812	1466.796	G[15]
G	29	2892.546	1420.801	1410.783	1411.790	1409.775	G[14]
A	30	2963.583	1369.789	1353.761	1354.769	1352.753	A[13]
K	31	3091.676	1298.743	1282.724	1283.732	1281.716	K[12]
K	32	3247.779	1170.648	1154.629	1155.637	1153.621	K[11]
K	33	3376.874	1014.547	998.528	999.536	997.520	K[10]
T	34	3476.921	886.462	870.433	871.441	869.425	T[9]
S	35	3563.953	785.404	769.385	770.393	768.377	S[8]
G	36	3620.975	698.372	682.353	683.361	681.345	G[7]
F	37	3718.028	641.350	625.332	626.340	624.324	F[6]
F	38	3813.080	544.296	528.277	529.285	527.271	F[5]
V	39	3914.149	447.245	431.226	432.234	430.218	V[4]
S	40	4001.181	348.177	332.158	333.166	331.150	S[3]
E	41	4110.223	261.144	245.126	246.134	244.118	E[2]
L	42	4243.307	132.102	116.083	117.091	115.075	L[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKT^{Phospho 79.97}PVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.41
- ▶ F104929.dat
- ▶ query=q4017_p1
- ▶ precursor=849.668400
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2122.640	2114.640	0.504	2114.136	S[42]
E	2	138.563	2058.128	2050.110	0.504	2049.615	E[41]
L	3	189.087	1993.607	1985.597	0.504	1985.084	L[40]
A	4	234.608	1929.083	1921.071	0.504	1924.576	A[39]
P	5	273.132	1867.564	1859.555	0.504	1859.051	P[38]
A	6	308.650	1809.038	1801.029	0.504	1805.525	A[37]
A	7	344.169	1823.519	1815.510	0.504	1815.000	A[36]
P	8	392.695	1758.001	1750.992	0.504	1759.488	P[35]
A	9	428.214	1730.479	1721.465	0.504	1730.961	A[34]
A	10	483.733	1703.956	1695.947	0.504	1699.441	A[33]
P	11	512.259	1668.437	1660.428	0.504	1659.924	P[32]
A	12	547.777	1619.911	1611.902	0.504	1611.398	A[31]
P	13	596.304	1594.392	1576.383	0.504	1575.879	P[30]
A	14	631.822	1535.866	1527.857	0.504	1527.351	A[29]
E	15	666.344	1500.348	1492.338	0.504	1491.834	E[28]
R	16	709.391	1435.826	1427.817	1429.321	1427.311	R[27]
L	17	850.898	1371.729	1363.760	1364.273	1363.265	L[26]
P	18	899.425	1381.272	1273.262	1273.766	1272.758	P[25]
V	19	948.959	1232.745	1224.736	1225.240	1224.232	V[24]
K	20	1013.006	1183.211	1175.202	1175.706	1174.698	K[23]
R	21	1077.054	1110.684	1111.154	1111.658	1110.650	R[22]
K	22	1143.193	1058.116	1047.107	1047.611	1046.602	K[21]
A	23	1176.620	991.069	983.059	983.563	982.555	A[20]
R	24	1254.670	955.550	947.541	948.045	947.037	R[19]
K	25	1318.718	877.520	869.490	869.994	868.986	K[18]
A	26	1354.236	813.452	805.443	805.947	804.939	A[17]
G	27	1389.755	777.024	769.928	770.428	769.420	G[16]
G	28	1418.266	742.415	734.406	734.910	733.902	G[15]
G	29	1446.776	715.904	705.895	706.399	705.391	G[14]
A	30	1482.295	685.394	677.384	677.888	676.880	A[13]
K	31	1546.342	649.875	641.866	642.370	641.362	K[12]
R	32	1624.393	585.827	577.818	578.322	577.314	R[11]
K	33	1688.440	507.792	499.788	500.291	499.283	K[10]
L	34	1738.954	445.729	437.720	438.224	437.217	L[9]
S	35	1782.480	393.206	385.196	385.700	384.692	S[8]
G	36	1810.991	349.690	341.680	342.184	341.176	G[7]
P	37	1859.517	317.179	313.170	313.673	312.666	P[6]
P	38	1908.044	272.652	264.643	265.147	264.139	P[5]
V	39	1957.578	224.136	216.127	216.631	215.623	V[4]
S	40	2001.094	174.582	166.573	167.088	166.079	S[3]
E	41	2065.615	131.070	123.060	123.570	122.561	E[2]
L	42	2122.157	66.555	58.546	59.049	58.041	L[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKT^{Phospho 79.97}PVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.41
- ▶ F104929.dat
- ▶ query=q4017_p1
- ▶ precursor=849.668400
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1415.435	1410.096	0.672	1409.760	S[42]
E	2	92.711	1372.421	1367.082	0.672	1366.740	E[41]
T	3	126.394	1329.407	1324.067	0.672	1323.731	T[40]
A	4	150.078	1286.391	1280.385	0.672	1280.040	A[39]
P	5	182.424	1272.045	1266.706	0.672	1266.370	P[38]
A	6	206.103	1239.684	1234.355	0.672	1234.019	A[37]
A	7	229.782	1216.015	1210.676	0.672	1210.340	A[36]
P	8	262.133	1192.330	1186.997	0.672	1186.661	P[35]
A	9	285.812	1159.985	1154.646	0.672	1154.310	A[34]
A	10	309.491	1136.300	1130.967	0.672	1130.631	A[33]
P	11	341.842	1112.627	1107.288	0.672	1106.952	P[32]
A	12	365.521	1080.276	1074.937	0.672	1074.601	A[31]
P	13	397.872	1056.597	1051.258	0.672	1050.922	P[30]
A	14	421.551	1024.240	1018.907	0.672	1018.571	A[29]
E	15	464.505	1000.567	995.226	0.672	994.892	E[28]
R	16	607.263	971.561	967.214	0.672	966.879	R[27]
T	17	587.601	914.855	909.515	909.851	909.179	T[26]
P	18	599.952	854.517	849.177	849.513	848.841	P[25]
V	19	632.975	822.160	816.820	817.162	816.490	V[24]
K	20	675.673	789.143	783.804	784.140	783.468	K[23]
K	21	738.372	746.445	741.105	741.441	740.769	K[22]
K	22	761.070	703.747	698.407	698.743	698.071	K[21]
A	23	784.749	661.048	655.709	656.045	655.373	A[20]
R	24	836.783	637.309	632.030	632.366	631.694	R[19]
K	25	879.481	585.135	579.666	580.332	579.666	K[18]
A	26	903.160	542.637	537.298	537.634	536.967	A[17]
A	27	926.839	519.895	513.619	513.954	513.283	A[16]
G	28	945.246	495.379	489.980	490.278	489.604	G[15]
G	29	964.853	475.272	470.532	471.268	470.596	G[14]
A	30	988.532	457.205	451.925	452.261	451.589	A[13]
K	31	1031.231	433.589	428.246	428.582	427.910	K[12]
R	32	1083.264	390.887	385.548	385.884	385.212	R[11]
K	33	1125.963	338.854	333.514	333.850	333.176	K[10]
T	34	1159.645	296.151	290.816	291.152	290.480	T[9]
S	35	1188.656	262.473	257.133	257.469	256.797	S[8]
G	36	1207.663	233.462	228.123	228.459	227.787	G[7]
P	37	1240.014	214.455	209.115	209.451	208.779	P[6]
P	38	1272.365	182.104	176.765	177.100	176.429	P[5]
V	39	1305.388	149.753	144.414	144.750	144.078	V[4]
S	40	1334.398	116.780	111.393	111.727	111.055	S[3]
E	41	1377.413	87.220	82.380	82.716	82.044	E[2]
L	42	1415.107	44.705	39.366	39.702	39.030	L[1]

sp | P43274 | H14_MOUSE

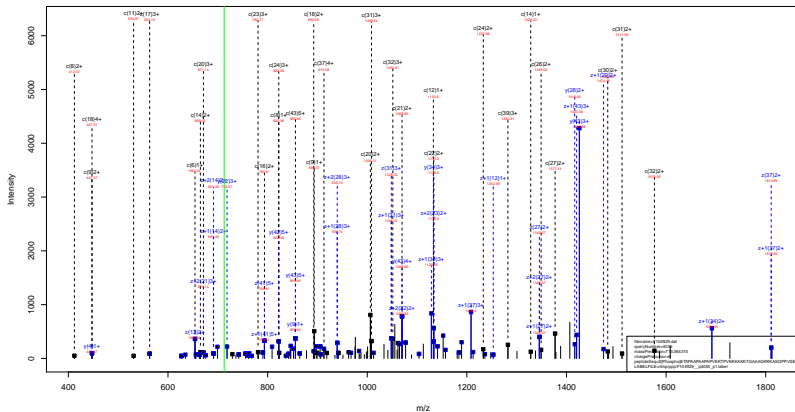
[Acetyl]SETAPAAPAAPAPAEKT^{Phospho 79.97}PVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.41
- ▶ F104929.dat
- ▶ query=q4017_p1
- ▶ precursor=849.668400
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1061.828	1057.824	0.755	1057.572	S[42]
E	2	69.785	1029.568	1025.563	0.755	1025.311	E[41]
T	3	95.047	997.307	993.302	0.755	993.050	T[40]
A	4	112.805	972.045	968.040	0.755	967.788	A[39]
P	5	137.070	954.286	950.281	0.755	950.029	P[38]
A	6	154.829	930.023	926.018	0.755	925.766	A[37]
A	7	172.588	912.263	908.259	0.755	908.007	A[36]
T	8	196.351	894.504	890.499	0.755	890.247	T[35]
A	9	214.111	870.241	866.236	0.755	865.984	A[34]
A	10	232.170	852.482	848.477	0.755	848.225	A[33]
P	11	256.633	834.722	830.718	0.755	830.466	P[32]
A	12	274.392	810.459	806.454	0.755	806.203	A[31]
P	13	298.650	792.700	788.695	0.755	788.443	P[30]
A	14	316.415	768.437	764.432	0.755	764.180	A[29]
E	15	348.675	750.677	746.673	0.755	746.421	E[28]
K	16	380.939	732.417	728.412	0.755	728.160	K[27]
T	17	425.953	688.393	684.388	0.755	684.136	T[26]
P	18	460.216	641.140	637.135	0.755	636.883	P[25]
V	19	474.983	616.876	612.872	0.755	612.620	V[24]
K	20	507.007	592.109	588.105	0.755	587.853	K[23]
K	21	539.031	560.085	556.081	0.755	555.829	K[22]
K	22	571.054	528.062	524.057	0.755	523.805	K[21]
R	23	588.814	496.838	492.833	0.755	492.581	R[20]
R	24	627.839	478.279	474.274	0.755	474.022	R[19]
K	25	659.063	439.253	435.249	0.755	434.997	K[18]
A	26	677.622	407.230	403.225	0.755	402.973	A[17]
A	27	695.381	389.470	385.466	0.755	385.214	A[16]
G	28	709.636	371.711	367.706	0.755	367.454	G[15]
G	29	723.892	357.456	353.451	0.755	353.199	G[14]
A	30	741.851	341.693	337.688	0.755	337.444	A[13]
K	31	773.075	323.441	321.436	0.755	321.188	K[12]
R	32	812.700	291.417	289.413	0.755	289.161	R[11]
K	33	844.724	254.392	250.387	0.755	250.135	K[10]
T	34	869.986	222.368	218.364	0.755	218.112	T[9]
S	35	891.744	197.105	193.102	0.755	192.850	S[8]
G	36	905.999	175.348	171.344	0.755	171.092	G[7]
P	37	930.262	161.093	157.088	0.755	156.836	P[6]
P	38	954.526	136.830	132.825	0.755	132.573	P[5]
V	39	979.293	112.567	108.562	0.755	108.310	V[4]
S	40	1001.051	87.800	83.795	0.755	83.543	S[3]
E	41	1033.311	66.042	62.037	0.755	61.785	E[2]
L	42	1061.582	33.781	29.776	0.755	29.524	L[1]

sp | P43277 | H13_MOUSE

S (Phospho) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL
(79.97)



sp | P43277 | H13_MOUSE

S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.37
- ▶ F104929.dat
- ▶ query=q4035_p1
- ▶ precursor=713.064310
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	185.032	4273.343	4257.324	0.000	4256.317	S[43]
E	2	314.075	4198.345	4090.208	0.000	4089.310	E[42]
T	3	413.122	3977.302	3961.264	0.000	3960.270	T[41]
A	4	498.160	3876.255	3860.216	0.000	3859.228	A[40]
P	5	583.212	3805.217	3789.199	0.000	3788.191	P[39]
A	6	654.249	3708.165	3692.146	0.000	3691.138	A[38]
A	7	725.287	3637.128	3621.109	0.000	3620.101	A[37]
P	8	822.319	3540.080	3524.072	0.000	3523.064	P[36]
A	9	893.376	3449.030	3433.019	0.000	3432.011	A[35]
A	10	964.414	3388.001	3381.982	0.000	3380.974	A[34]
P	11	1061.466	3326.963	3310.945	0.000	3309.937	P[33]
A	12	1132.503	3229.911	3213.892	0.000	3212.884	A[32]
P	13	1209.558	3158.874	3142.855	0.000	3141.847	P[31]
V	14	1328.625	3081.821	3065.802	0.000	3064.794	V[30]
E	15	1457.667	2982.752	2966.734	0.000	2965.726	E[29]
K	16	1585.762	2833.710	2817.691	2818.699	2818.681	K[28]
T	17	1686.810	2705.615	2689.596	2690.604	2688.588	T[27]
P	18	1781.863	2604.567	2588.548	2589.556	2587.541	P[26]
V	19	1882.931	2507.514	2491.495	2492.504	2490.488	V[25]
K	20	2011.028	2408.446	2392.427	2393.435	2391.411	K[24]
K	21	2139.121	2308.351	2294.332	2295.340	2293.324	K[23]
K	22	2267.216	2152.256	2136.237	2137.245	2135.230	K[22]
A	23	2386.263	2004.161	2008.142	2009.150	2007.135	A[21]
K	24	2499.348	1933.128	1937.105	1938.113	1936.107	K[20]
K	25	2594.443	1825.029	1809.010	1810.018	1808.002	K[19]
T	26	2695.491	1696.924	1680.915	1681.923	1679.906	T[18]
G	27	2752.512	1595.888	1579.888	1580.875	1579.860	G[17]
A	28	2823.549	1538.865	1522.846	1523.854	1521.838	A[16]
A	29	2894.586	1467.828	1451.809	1452.817	1450.801	A[15]
A	30	2965.623	1396.791	1380.772	1381.780	1379.764	A[14]
G	31	3022.645	1325.754	1309.735	1310.743	1308.727	G[13]
R	32	3189.748	1268.721	1253.713	1253.721	1251.706	R[12]
R	33	3306.841	1140.637	1124.618	1125.626	1123.611	R[11]
K	34	3434.936	984.538	968.517	969.525	967.509	K[10]
A	35	3505.973	856.441	840.422	841.430	839.415	A[9]
S	36	3593.005	785.404	769.385	770.393	768.377	S[8]
G	37	3650.027	698.372	682.353	683.361	681.345	G[7]
P	38	3747.078	641.352	625.333	626.340	624.324	P[6]
P	39	3844.132	544.298	528.279	529.287	527.271	P[5]
V	40	3943.200	447.245	431.226	432.234	430.218	V[4]
S	41	4030.233	348.177	332.158	333.166	331.150	S[3]
E	42	4199.275	261.144	245.126	246.134	244.118	E[2]
L	43	4272.289	132.102	116.083	117.091	115.075	L[1]

sp | P43277 | H13_MOUSE

S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=55.37
- ▶ F104929.dat
- ▶ query=q4035.p1
- ▶ precursor=713.064310
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	63.600	2137.175	2126.160	0.504	2126.660	E[43]
E	2	157.541	2053.676	2045.667	0.504	2045.161	E[42]
T	3	268.998	1969.725	1961.748	0.504	1960.641	F[41]
A	4	263.583	1938.631	1930.627	0.504	1930.110	A[40]
F	5	292.110	1903.112	1895.103	0.504	1894.590	F[39]
A	6	327.620	1854.506	1846.577	0.504	1846.073	A[38]
A	7	363.147	1810.087	1811.058	0.504	1810.554	A[37]
F	8	411.673	1783.549	1775.540	0.504	1775.036	F[36]
A	9	447.192	1735.022	1727.013	0.504	1726.509	A[35]
A	10	482.710	1690.504	1691.485	0.504	1690.991	A[34]
F	11	531.237	1663.985	1655.976	0.504	1655.472	F[33]
A	12	566.755	1615.459	1607.450	0.504	1606.946	A[32]
F	13	615.282	1579.940	1571.931	0.504	1571.427	F[31]
V	14	664.816	1531.414	1523.402	0.504	1522.900	V[30]
E	15	729.337	1493.893	1473.870	0.504	1473.366	E[29]
K	16	791.385	1417.359	1409.349	1409.853	1408.845	K[28]
T	17	843.909	1353.311	1345.302	1345.806	1344.798	T[27]
F	18	892.435	1302.787	1294.778	1295.282	1294.274	F[26]
V	19	941.969	1254.261	1246.251	1246.755	1245.747	V[25]
K	20	1006.017	1204.744	1196.737	1197.241	1196.233	K[24]
K	21	1070.064	1140.678	1132.670	1133.174	1132.166	K[23]
K	22	1134.112	1076.632	1068.622	1069.126	1068.118	K[22]
A	23	1189.630	1012.584	1004.576	1005.079	1004.071	A[21]
K	24	1233.678	977.066	969.056	969.560	968.552	K[20]
K	25	1277.725	913.018	905.009	905.513	904.505	K[19]
T	26	1348.249	858.591	850.583	841.665	840.657	T[18]
G	27	1376.760	798.447	790.437	790.941	789.934	G[17]
A	28	1432.278	769.630	761.927	762.431	761.423	A[16]
A	29	1447.797	734.418	726.408	726.912	725.904	A[15]
A	30	1483.315	698.899	690.890	691.394	690.386	A[14]
G	31	1511.856	663.386	655.371	655.875	654.867	G[13]
K	32	1575.874	634.870	626.860	627.364	626.356	K[12]
R	33	1653.924	570.822	562.813	563.317	562.309	R[11]
K	34	1717.972	492.772	484.762	485.266	484.258	K[10]
A	35	1753.490	428.724	420.715	421.219	420.211	A[9]
S	36	1787.206	393.206	385.198	385.702	384.694	S[8]
G	37	1825.517	349.690	341.680	342.184	341.176	G[7]
F	38	1874.043	321.175	313.170	313.673	312.666	F[6]
F	39	1922.570	272.652	264.643	265.147	264.139	F[5]
V	40	1972.104	224.136	216.117	216.621	215.613	V[4]
S	41	2015.630	174.592	166.583	167.086	166.079	S[3]
E	42	2080.141	131.076	123.067	123.570	122.562	E[2]
L	43	2138.663	66.555	58.545	59.049	58.041	L[1]

sp | P43277 | H13_MOUSE

S (Phospho) (79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=55.37
- ▶ F104929.dat
- ▶ query=q4035_p1
- ▶ precursor=713.064310
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	62.340	1425.119	1419.780	0.672	1419.444	S[43]
E	3	105.983	1389.453	1384.114	0.672	1383.776	E[42]
I	3	139.046	1320.430	1321.099	0.672	1320.761	I[41]
A	4	162.725	1262.756	1267.417	0.672	1267.081	A[40]
F	5	195.076	1209.077	1203.738	0.672	1203.400	F[39]
A	6	218.755	1236.726	1231.387	0.672	1231.051	A[38]
A	7	242.434	1213.047	1207.708	0.672	1207.372	A[37]
P	8	274.785	1189.368	1184.029	0.672	1183.693	P[36]
A	9	298.464	1157.017	1151.678	0.672	1151.342	A[35]
A	10	322.143	1133.338	1127.999	0.672	1127.663	A[34]
P	11	354.494	1109.659	1104.320	0.672	1103.984	P[33]
A	12	378.173	1077.308	1071.969	0.672	1071.633	A[32]
P	13	410.524	1053.620	1048.290	0.672	1047.954	P[31]
V	14	443.546	1021.276	1023.959	0.672	1023.623	V[30]
E	15	486.561	989.256	982.916	0.672	982.580	E[29]
K	16	529.299	948.241	939.902	940.238	939.566	K[28]
T	17	562.941	907.543	897.204	897.539	896.868	T[27]
P	18	595.292	868.861	863.521	863.857	863.185	P[26]
V	19	627.915	836.510	831.170	831.506	830.834	V[25]
K	20	671.014	793.467	788.147	788.483	787.811	K[24]
K	21	713.712	760.789	755.449	755.785	755.113	K[23]
K	22	756.410	718.090	712.751	713.087	712.415	K[22]
A	23	780.089	675.392	670.052	670.388	669.716	A[21]
K	24	822.788	651.713	646.373	646.709	646.037	K[20]
K	25	865.466	609.015	603.675	604.011	603.339	K[19]
T	26	899.168	566.310	560.970	561.310	560.641	T[18]
G	27	918.176	530.430	527.294	527.630	526.959	G[17]
A	28	941.855	513.626	508.287	508.623	507.951	A[16]
A	29	985.534	489.847	484.608	484.944	484.272	A[15]
A	30	989.213	466.268	460.929	461.265	460.593	A[14]
G	31	1068.220	442.589	437.250	437.586	436.914	G[13]
K	32	1065.918	423.569	418.289	418.579	417.907	K[12]
R	33	1102.954	380.884	375.544	375.880	375.209	R[11]
K	34	1145.650	328.850	323.511	323.847	323.175	K[10]
A	35	1169.329	286.152	280.812	281.148	280.476	A[0]
S	36	1198.340	262.473	257.133	257.469	256.797	S[8]
G	37	1217.347	233.462	228.123	228.459	227.787	G[7]
P	38	1249.076	214.455	209.115	209.451	208.779	P[6]
P	39	1282.049	182.194	176.795	177.193	176.425	P[5]
V	40	1315.072	149.753	144.414	144.750	144.078	V[4]
S	41	1344.082	116.730	111.391	111.727	111.055	S[3]
E	42	1387.097	87.720	82.380	82.716	82.044	E[2]
L	43	1424.791	44.705	39.366	39.702	39.030	L[1]

sp | P43277 | H13_MOUSE

S (Phospho) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL
(79.97)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=55.37
- ▶ F104929.dat
- ▶ query=q4035_p1
- ▶ precursor=713.064310
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	47.034	1069.091	1065.087	0.755	1064.835	S 43
E 2	19.274	1057.842	1053.837	0.755	1053.585	E 42
T 3	104.536	995.081	991.076	0.755	990.824	T 41
A 4	122.295	969.819	965.814	0.755	965.562	A 40
F 5	146.559	952.060	948.055	0.755	947.803	F 39
A 6	164.318	927.797	923.792	0.755	923.540	A 38
A 7	182.077	910.037	906.033	0.755	905.781	A 37
F 8	208.340	892.278	888.273	0.755	888.021	F 36
A 9	224.100	868.015	864.010	0.755	863.758	A 35
A 10	241.859	850.256	846.251	0.755	845.999	A 34
F 11	266.122	832.496	828.492	0.755	828.240	F 33
A 12	283.881	808.233	804.228	0.755	803.976	A 32
F 13	308.145	790.474	786.469	0.755	786.217	F 31
V 14	333.912	766.211	762.206	0.755	761.954	V 30
E 15	355.172	741.444	737.439	0.755	737.187	E 29
K 16	367.196	708.181	705.176	705.430	704.928	K 28
T 17	422.458	677.159	673.154	673.406	672.903	T 27
F 18	446.721	651.897	647.893	648.145	647.641	F 26
V 19	471.488	627.634	623.629	623.881	623.377	V 25
K 20	503.512	602.867	598.862	599.114	598.611	K 24
K 21	535.536	570.841	566.836	567.090	566.587	K 23
K 22	567.559	538.819	534.815	535.067	534.561	K 22
A 23	585.119	506.799	502.794	503.043	502.539	A 21
K 24	617.342	489.038	485.032	485.284	484.781	K 20
K 25	649.366	457.013	453.008	453.260	452.756	K 19
T 26	674.628	424.989	420.984	421.236	420.732	T 18
E 27	688.883	399.727	395.722	395.974	395.471	E 17
A 28	706.643	385.472	381.467	381.719	381.215	A 16
A 29	724.402	367.712	363.708	363.960	363.456	A 15
A 30	742.161	349.953	345.948	346.200	345.696	A 14
G 31	756.417	332.194	328.189	328.441	327.937	G 13
K 32	788.440	317.938	313.934	314.186	313.682	K 12
R 33	827.886	295.915	291.910	292.162	291.658	R 11
K 34	859.689	246.889	242.885	243.137	242.633	K 10
A 35	877.249	214.866	210.861	211.113	210.609	A 9
S 36	899.007	197.109	193.102	193.354	192.850	S 8
G 37	913.262	175.360	171.344	171.596	171.092	G 7
F 38	937.525	161.093	157.088	157.340	156.836	F 6
F 39	961.788	136.830	132.825	133.077	132.573	F 5
V 40	113.567	108.369	108.114	108.366	107.862	V 4
S 41	1008.314	87.800	83.795	84.047	83.543	S 3
E 42	1040.574	66.042	62.037	62.289	61.785	E 2
L 43	1068.845	33.781	29.776	30.028	29.524	L 1

sp | P43277 | H13_MOUSE

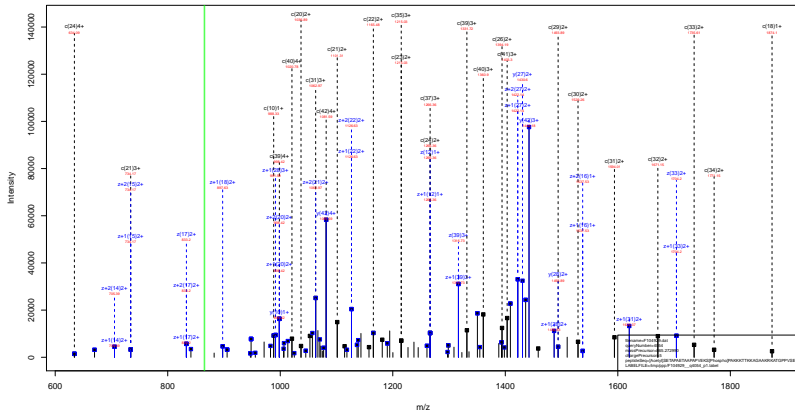
S (Phospho)
(79.97) ETAPAAPAAPAPVEKTPVKKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=55.37
- ▶ F104929.dat
- ▶ query=q4035_p1
- ▶ precursor=713.064310
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.812	855.474	852.271	0.806	852.069	S[43]
E[2]	63.021	822.075	818.371	0.806	818.569	E[42]
T[3]	81.230	795.256	791.063	0.806	792.861	T[41]
A[4]	98.038	776.057	772.853	0.806	772.851	A[40]
P[5]	117.448	761.849	758.646	0.806	758.444	P[39]
A[6]	131.656	742.439	739.235	0.806	739.033	A[38]
A[7]	145.863	728.231	725.028	0.806	724.826	A[37]
P[8]	165.274	714.024	710.820	0.806	710.619	P[36]
A[9]	179.481	694.613	691.410	0.806	691.208	A[35]
A[10]	193.689	680.406	677.202	0.806	677.001	A[34]
P[11]	213.099	666.199	662.995	0.806	662.793	P[33]
A[12]	227.307	646.788	643.584	0.806	643.383	A[32]
P[13]	246.717	632.581	629.377	0.806	629.175	P[31]
V[14]	266.531	613.170	609.966	0.806	609.765	V[30]
E[15]	262.139	593.356	590.153	0.806	589.951	E[29]
K[10]	317.988	567.548	564.344	564.546	564.142	K[28]
T[17]	338.168	541.929	538.725	538.927	538.523	T[27]
P[18]	357.578	521.719	518.516	518.717	518.314	P[26]
V[19]	377.392	502.309	499.105	499.307	498.903	V[25]
K[20]	403.011	482.495	479.291	479.493	479.090	K[24]
K[21]	426.630	456.876	453.672	453.874	453.471	K[23]
K[22]	454.249	431.257	428.053	428.255	427.852	K[22]
A[24]	468.456	405.638	402.434	402.636	402.233	A[21]
K[24]	494.075	391.431	388.227	388.428	388.025	K[20]
K[25]	519.694	365.812	362.608	362.809	362.406	K[19]
T[26]	539.904	340.193	336.989	337.190	336.787	T[18]
G[27]	551.308	319.983	316.779	316.981	316.578	G[17]
A[28]	565.516	308.579	305.375	305.577	305.173	A[16]
A[29]	579.723	294.371	291.168	291.369	290.966	A[15]
A[30]	593.931	280.164	276.960	277.162	276.759	A[14]
G[31]	605.135	265.957	262.753	262.954	262.551	G[13]
K[32]	630.354	234.352	231.148	231.350	231.147	K[12]
K[33]	662.174	208.931	205.727	205.911	205.528	K[11]
K[34]	687.793	197.713	194.509	194.711	194.308	K[10]
A[35]	702.000	172.094	168.890	169.092	168.689	A[9]
S[36]	719.407	157.887	154.683	154.884	154.481	S[8]
G[37]	730.811	140.480	137.276	137.478	137.075	G[7]
P[38]	750.222	129.076	125.872	126.074	125.671	P[6]
P[39]	769.632	109.665	106.462	106.663	106.260	P[5]
V[40]	789.446	90.255	87.051	87.253	86.849	V[4]
S[41]	806.852	70.441	67.237	67.439	67.036	S[3]
E[42]	832.661	53.035	49.831	50.033	49.629	E[2]
L[43]	855.278	37.226	34.022	34.224	33.821	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL_{79.97}



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL _{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=82.33
- ▶ F104929.dat
- ▶ query=q4054_p1
- ▶ precursor=865.272990
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.079	4322.312	4306.293	0.000	4305.285	S[42]
E	2	276.119	4193.269	4177.251	0.000	4176.243	E[41]
T	3	377.167	4064.227	4048.208	0.000	4047.200	T[40]
A	4	448.204	3935.179	3919.160	0.000	3918.152	A[39]
P	5	545.257	3802.142	3786.123	0.000	3785.115	P[38]
A	6	616.294	3705.089	3779.070	0.000	3778.063	A[37]
E	7	745.336	3724.052	3708.033	0.000	3707.026	E[36]
T	8	846.384	3595.009	3579.991	0.000	3577.983	T[35]
A	9	817.421	3493.962	3477.943	0.000	3476.935	A[34]
A	10	908.458	3422.925	3406.906	0.000	3405.898	A[33]
P	11	1085.511	3351.888	3335.869	0.000	3334.861	P[32]
A	12	1156.548	3254.835	3238.816	0.000	3237.808	A[31]
P	13	1253.601	3183.798	3167.779	0.000	3166.771	P[30]
V	14	1352.669	3086.745	3070.726	0.000	3069.718	V[29]
E	15	1481.712	2987.677	2971.658	0.000	2970.650	E[28]
R	16	1609.807	2938.634	2922.615	2683.623	2841.607	R[27]
S	17	1776.806	2730.539	2714.520	2715.528	2713.512	S[26]
P	18	1873.858	2563.541	2547.522	2548.530	2546.514	P[25]
A	19	1964.895	2466.488	2450.469	2451.477	2449.461	A[24]
K	20	2072.960	2395.451	2379.432	2380.440	2378.424	K[23]
K	21	2201.085	2297.398	2281.379	2282.385	2280.370	K[22]
R	22	2329.189	2139.301	2123.282	2124.290	2122.274	R[21]
T	23	2430.228	2011.166	1995.147	1996.155	1994.139	T[20]
T	24	2531.275	1910.118	1894.099	1895.107	1893.092	T[19]
K	25	2659.370	1809.070	1793.052	1794.060	1792.044	K[18]
K	26	2787.465	1680.976	1664.957	1665.965	1663.949	K[17]
K	27	2838.502	1532.880	1536.862	1537.870	1535.854	K[16]
G	28	2915.524	1493.843	1477.824	1478.832	1476.816	G[15]
A	29	2986.561	1424.822	1408.803	1409.811	1407.795	A[14]
A	30	3057.598	1353.785	1337.766	1338.774	1336.758	A[13]
K	31	3185.693	1292.748	1266.729	1267.737	1265.721	K[12]
R	32	3341.794	1154.653	1138.634	1139.642	1137.626	R[11]
K	33	3469.899	908.552	982.533	983.541	981.525	K[10]
A	34	3560.926	779.457	763.438	764.446	762.430	A[9]
T	35	3641.974	799.420	783.401	784.409	782.393	T[8]
G	36	3686.995	698.372	682.353	683.361	681.345	G[7]
P	37	3798.048	641.330	625.312	626.320	624.304	P[6]
P	38	3893.101	544.288	528.270	529.278	527.271	P[5]
V	39	3992.159	447.245	431.226	432.234	430.218	V[4]
S	40	4079.201	348.177	332.158	333.166	331.150	S[3]
E	41	4208.244	261.144	245.126	246.134	244.118	E[2]
L	42	4321.228	132.022	116.003	117.011	115.005	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=82.33
- ▶ F104929.dat
- ▶ query=q4054_p1
- ▶ precursor=865.272990
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2161.660	2153.650	0.504	2153.140	S(42)
E	2	138.563	2097.138	2089.129	0.504	2088.625	E(41)
T	3	189.087	2032.617	2024.608	0.504	2024.104	T(40)
A	4	224.206	1968.093	1974.084	0.504	1973.580	A(39)
P	5	293.133	1846.579	1838.569	0.504	1838.066	P(38)
A	6	358.650	1880.048	1890.039	0.504	1889.535	A(37)
E	7	373.172	1864.530	1854.520	0.504	1854.010	E(36)
T	8	423.696	1798.008	1789.999	0.504	1789.495	T(35)
A	9	459.214	1747.485	1739.475	0.504	1738.971	A(34)
A	10	494.733	1711.966	1703.957	0.504	1703.453	A(33)
P	11	543.259	1676.447	1656.438	0.504	1655.935	P(32)
A	12	578.778	1627.021	1619.912	0.504	1619.408	A(31)
P	13	607.304	1592.402	1584.393	0.504	1583.889	P(30)
V	14	676.830	1543.876	1535.867	0.504	1535.363	V(29)
E	15	741.360	1494.342	1486.333	0.504	1485.820	E(28)
T	16	805.887	1429.821	1421.811	1422.315	1421.309	T(27)
S	17	888.906	1488.343	1357.334	1358.268	1351.260	S(26)
P	18	937.433	1282.274	1274.265	1274.768	1273.761	P(25)
A	19	972.951	1233.748	1225.739	1226.242	1225.234	A(24)
K	20	1036.999	1198.220	1190.220	1190.724	1189.716	K(23)
K	21	1101.046	1134.303	1126.172	1126.076	1125.069	K(22)
R	22	1165.094	1070.134	1062.115	1062.629	1061.621	R(21)
T	23	1215.617	1006.087	998.077	998.581	997.573	T(20)
T	24	1266.141	955.563	947.553	948.057	947.049	T(19)
K	25	1330.189	905.039	897.030	897.533	896.526	K(18)
K	26	1394.236	840.991	832.982	833.486	832.478	K(17)
A	27	1443.855	776.344	766.335	766.838	765.831	A(16)
G	28	1458.266	741.825	733.416	733.920	732.912	G(15)
A	29	1493.784	712.915	704.905	705.409	704.401	A(14)
A	30	1529.303	677.396	669.387	669.891	668.883	A(13)
K	31	1593.350	641.879	633.868	634.372	633.364	K(12)
R	32	1671.401	677.890	669.881	670.385	669.377	R(11)
K	33	1735.448	609.779	601.770	602.274	601.266	K(10)
A	34	1770.967	435.752	427.743	428.247	427.239	A(9)
T	35	1821.491	400.213	392.204	392.708	391.700	T(8)
G	36	1890.001	349.690	341.680	342.184	341.176	G(7)
P	37	1888.526	321.179	313.170	313.673	312.666	P(6)
P	38	1887.064	272.862	264.853	265.357	264.350	P(5)
V	39	1996.588	224.120	216.111	216.615	215.612	V(4)
S	40	2040.104	174.592	166.583	167.086	166.079	S(3)
E	41	2104.626	131.076	123.067	123.570	122.563	E(2)
L	42	2161.168	66.555	58.545	59.049	58.041	L(1)

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL _{79.97}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=82.33
- ▶ F104929.dat
- ▶ query=q4054_p1
- ▶ precursor=865.272990
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1441.442	1436.103	0.672	1435.767	S 42
E 2	92.711	1398.429	1393.086	0.672	1392.752	E 41
T 3	126.394	1355.414	1350.074	0.672	1349.738	T 40
A 4	150.073	1312.751	1316.392	0.672	1316.056	A 39
P 5	182.424	1298.052	1292.713	0.672	1292.377	P 38
A 6	206.103	1265.701	1260.362	0.672	1260.026	A 37
E 7	269.117	1242.027	1236.663	0.672	1236.347	E 36
T 8	282.800	1199.000	1193.666	0.672	1193.332	T 35
A 9	306.479	1165.325	1159.989	0.672	1159.655	A 34
A 10	330.158	1141.646	1136.307	0.672	1135.971	A 33
P 11	362.508	1117.967	1112.628	0.672	1112.292	P 32
A 12	386.188	1085.616	1080.277	0.672	1079.941	A 31
P 13	418.538	1061.937	1056.598	0.672	1056.262	P 30
V 14	451.561	1029.589	1024.247	0.672	1023.911	V 29
E 15	484.275	996.364	991.224	0.672	990.888	E 28
R 16	517.274	963.540	948.210	948.546	947.874	R 27
S 17	552.940	910.851	905.512	905.848	905.176	S 26
P 18	625.291	855.185	849.845	850.181	849.510	P 25
A 19	648.970	822.834	817.495	817.831	817.150	A 24
K 20	691.668	799.155	793.816	794.151	793.480	K 23
K 21	734.367	756.457	751.117	751.453	750.781	K 22
K 22	777.665	713.754	708.419	708.755	708.081	K 21
T 23	810.747	671.060	665.721	666.057	665.381	T 20
T 24	844.430	637.378	632.038	632.374	631.702	T 19
K 25	887.126	603.697	598.358	598.691	598.019	K 18
K 26	929.827	560.997	555.657	555.993	555.321	K 17
A 27	953.506	518.296	512.959	513.295	512.622	A 16
G 28	972.513	484.813	479.280	479.616	478.944	G 15
A 29	996.192	475.612	470.273	470.609	469.937	A 14
A 30	1019.871	451.933	446.594	446.930	446.258	A 13
K 31	1062.569	428.254	422.915	423.250	422.579	K 12
R 32	1114.603	385.550	380.210	380.552	379.880	R 11
K 33	1157.301	313.522	308.183	308.518	307.844	K 10
A 34	1189.580	290.824	285.484	285.820	285.144	A 9
T 35	1214.663	267.145	261.805	262.141	261.469	T 8
G 36	1233.670	233.462	228.123	228.459	227.787	G 7
P 37	1266.021	214.455	209.115	209.451	208.779	P 6
P 38	1298.372	182.104	176.765	177.100	176.429	P 5
V 39	1331.295	149.753	144.414	144.750	144.076	V 4
S 40	1360.405	116.783	111.403	111.727	111.053	S 3
E 41	1403.419	87.220	82.380	82.716	82.044	E 2
L 42	1441.114	44.705	39.366	39.702	39.030	L 1

sp | P43276 | H15_MOUSE

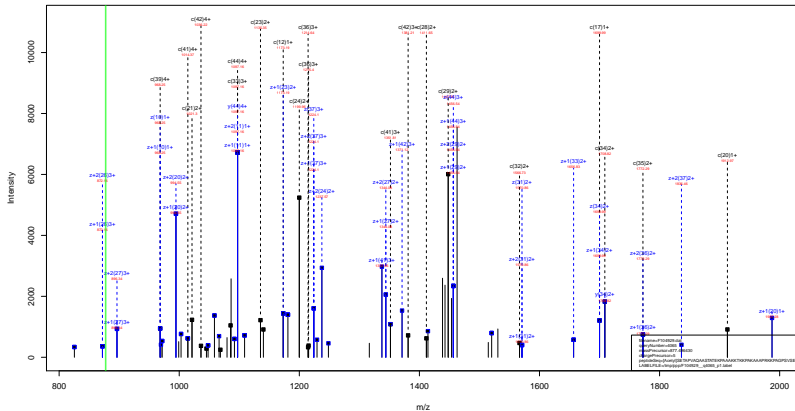
[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL _{79.97}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=82.33
- ▶ F104929.dat
- ▶ query=q4054.p1
- ▶ precursor=865.272990
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	37.525	1081.333	1077.329	0.755	1077.077	S[42]
E	2	69.785	1049.073	1045.060	0.755	1044.816	E[41]
T	3	95.047	1019.813	1012.807	0.755	1012.559	T[40]
A	4	112.506	991.550	987.546	0.755	987.296	A[39]
P	5	137.070	973.791	969.786	0.755	969.534	P[38]
A	6	154.829	949.529	945.523	0.755	945.271	A[37]
E	7	187.090	931.769	927.764	0.755	927.512	E[36]
T	8	212.351	899.509	895.503	0.755	895.251	T[35]
A	9	230.111	874.249	870.243	0.755	869.991	A[34]
A	10	247.870	856.487	852.482	0.755	852.230	A[33]
P	11	272.133	838.727	834.723	0.755	834.471	P[32]
A	12	289.892	814.464	810.459	0.755	810.208	A[31]
P	13	314.156	796.705	792.700	0.755	792.448	P[30]
V	14	338.923	772.442	768.437	0.755	768.185	V[29]
E	15	371.183	747.675	743.670	0.755	743.418	E[28]
R	16	403.207	719.416	711.409	0.755	711.157	R[27]
S	17	444.957	683.350	679.346	0.755	679.134	S[26]
P	18	469.220	641.641	637.636	0.755	637.384	P[25]
A	19	486.979	617.377	613.373	0.755	613.121	A[24]
K	20	519.003	599.618	595.613	0.755	595.362	K[23]
K	21	551.027	567.399	563.394	0.755	563.142	K[22]
K	22	583.050	535.571	531.566	0.755	531.314	K[21]
T	23	608.312	503.547	499.542	0.755	499.290	T[20]
T	24	633.574	478.285	474.280	0.755	474.028	T[19]
K	25	665.598	453.023	449.018	0.755	448.766	K[18]
K	26	697.622	420.990	416.985	0.755	416.733	K[17]
A	27	715.381	388.976	384.971	0.755	384.719	A[16]
T	28	729.836	371.218	367.212	0.755	366.960	T[15]
A	29	747.596	356.961	352.956	0.755	352.704	A[14]
K	30	765.155	339.202	335.197	0.755	334.945	K[13]
R	31	797.179	321.442	317.438	0.755	317.186	R[12]
R	32	836.204	289.410	285.414	0.755	285.162	R[11]
K	33	868.228	250.393	246.389	0.755	246.137	K[10]
A	34	885.987	218.370	214.365	0.755	214.113	A[9]
T	35	911.249	200.610	196.606	0.755	196.354	T[8]
G	36	925.504	175.348	171.344	0.755	171.092	G[7]
P	37	949.767	161.093	157.088	0.755	156.836	P[6]
P	38	974.031	136.830	132.825	0.755	132.573	P[5]
V	39	998.798	112.507	108.502	0.755	108.250	V[4]
S	40	1020.556	87.800	83.795	0.755	83.543	S[3]
E	41	1032.816	66.943	62.937	0.755	62.705	E[2]
L	42	1081.087	33.751	29.776	0.755	29.524	L[1]

sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAAS~~T~~ATEKPA~~A~~AKKTKKPAKAAAPRKKPAGPSVSEL



sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAASSTATEKPAAAKTKKPAKAAAPRKKPAGPSVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.14
- ▶ F104929.dat
- ▶ query=q4065_p1
- ▶ precursor=877.496430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4383.438	4387.417	0.000	4386.408	S[44]
E	2	276.119	4254.903	4236.375	0.000	4237.367	E[43]
T	3	377.107	4125.351	4109.332	0.000	4108.324	T[42]
A	4	448.204	4024.303	4008.284	0.000	4007.276	A[41]
P	5	545.257	3883.266	3872.247	0.000	3870.239	P[40]
V	6	644.275	3766.213	3646.194	0.000	3659.187	V[39]
A	7	715.362	3757.145	3741.126	0.000	3740.118	A[38]
Q	8	843.421	3688.108	3670.089	3671.097	3669.081	Q[37]
A	9	914.458	3558.049	3542.030	3543.038	3541.022	A[36]
A	10	985.495	3487.012	3470.993	3472.001	3469.985	A[35]
S	11	1077.557	3415.975	3399.956	3400.964	3399.948	S[34]
I	12	1173.575	3328.943	3312.924	3313.932	3311.916	I[33]
A	13	1244.612	3227.895	3211.876	3212.884	3211.868	A[32]
T	14	1345.659	3158.858	3140.839	3141.847	3139.831	T[31]
E	15	1474.702	3025.810	3030.797	3040.799	3038.784	E[30]
K	16	1602.797	2926.768	2910.749	2911.757	2909.741	K[29]
P	17	1699.850	2798.673	2782.654	2783.662	2781.646	P[28]
A	18	1770.887	2703.626	2686.601	2688.609	2684.594	A[27]
A	19	1841.924	2630.583	2614.564	2615.572	2613.556	A[26]
A	20	1912.961	2559.546	2543.527	2544.535	2542.519	A[25]
K	21	2041.056	2488.509	2472.490	2473.498	2471.482	K[24]
K	22	2180.151	2360.414	2344.395	2345.403	2343.387	K[23]
T	23	2270.199	2232.319	2216.300	2217.308	2215.292	T[22]
K	24	2388.254	2111.271	2115.252	2116.260	2114.244	K[21]
K	25	2526.389	2003.176	1987.157	1988.165	1986.149	K[20]
P	26	2623.441	1875.081	1859.062	1860.070	1858.054	P[19]
A	27	2694.476	1778.038	1762.019	1763.027	1761.011	A[18]
K	28	2822.573	1706.991	1690.972	1691.980	1689.964	K[17]
A	29	2893.611	1578.896	1562.877	1563.885	1561.870	A[16]
A	30	2964.648	1397.859	1401.840	1402.848	1400.832	A[15]
A	31	3035.685	1436.822	1420.803	1421.811	1419.795	A[14]
P	32	3132.738	1395.785	1349.766	1350.774	1348.758	P[13]
R	33	3288.839	1368.732	1252.713	1253.721	1251.705	R[12]
K	34	3416.934	1112.631	1096.612	1097.620	1095.604	K[11]
K	35	3545.029	884.536	968.517	969.525	967.509	K[10]
P	36	3642.081	856.441	840.422	841.430	839.414	P[9]
A	37	3713.118	759.388	743.370	744.377	742.361	A[8]
G	38	3770.140	688.351	672.332	673.340	671.324	G[7]
P	39	3867.193	631.330	615.311	616.319	614.303	P[6]
S	40	3954.225	634.277	518.258	519.266	517.250	S[5]
V	41	4053.293	447.245	431.226	432.234	430.218	V[4]
V	42	4100.225	348.177	332.158	333.166	331.150	V[3]
E	43	4209.268	293.144	285.125	286.134	284.118	E[2]
L	44	4382.482	132.102	118.083	117.091	115.075	L[1]

sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAASSTATEKPAAAKTKKPAKAAAPRKKPAGPSVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.14
- ▶ F104929.dat
- ▶ query=q4065_p1
- ▶ precursor=877.496430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.063	202.222	2184.713	0.504	2183.704	S44
E	2	138.553	2127.700	2219.691	0.504	2219.187	E43
T	3	189.087	2063.179	2055.170	0.504	2054.666	T42
A	4	224.606	2012.655	2004.649	0.504	2004.142	A41
P	5	273.132	1977.137	1969.127	0.504	1968.623	P40
V	6	322.666	1940.616	1942.603	0.504	1942.597	V39
A	7	368.185	1879.076	1871.067	0.504	1870.561	A28
Q	8	422.214	1843.557	1835.548	1836.052	1835.044	Q37
A	9	457.733	1779.528	1771.519	1772.023	1771.015	A36
A	10	493.251	1744.010	1736.000	1736.504	1735.490	A35
S	11	536.767	1708.491	1700.482	1700.986	1699.978	S34
T	12	587.291	1654.975	1656.968	1657.470	1656.462	T33
A	13	622.809	1614.451	1606.444	1606.946	1605.931	A32
T	14	673.333	1578.933	1570.923	1571.427	1570.419	T31
E	15	727.855	1528.409	1520.399	1520.903	1519.895	E30
K	16	801.902	1463.887	1455.878	1456.382	1455.374	K29
P	17	850.426	1399.361	1391.351	1391.855	1391.347	P28
A	18	885.947	1351.314	1343.304	1343.808	1342.800	A27
A	19	921.466	1315.785	1307.776	1308.280	1307.272	A26
A	20	956.984	1280.276	1272.267	1272.771	1271.763	A25
K	21	1021.032	1244.759	1236.749	1237.252	1236.245	K24
K	22	1085.079	1180.710	1172.701	1173.205	1172.197	K23
K	23	1135.503	1108.654	1100.644	1101.148	1100.150	K22
K	24	1199.650	1066.139	1058.130	1058.634	1057.626	K21
K	25	1263.698	1002.092	994.082	994.586	993.578	K20
P	26	1312.224	938.044	930.035	930.539	929.531	P19
A	27	1347.743	889.518	881.508	882.012	881.005	A18
K	28	1411.790	853.999	845.990	846.494	845.486	K17
A	29	1447.309	789.952	781.942	782.446	781.438	A16
A	30	1482.827	754.433	746.424	746.928	745.920	A15
A	31	1518.346	718.915	710.905	711.409	710.401	A14
P	32	1566.872	683.396	675.387	675.891	674.883	P13
R	33	1644.923	634.870	626.860	627.364	626.356	R12
K	34	1708.970	550.939	542.930	543.434	542.426	K11
K	35	1773.018	492.172	484.162	484.666	483.658	K10
P	36	1821.544	428.724	420.715	421.219	420.211	P0
A	37	1857.063	380.198	372.188	372.692	371.685	A0
G	38	1885.574	344.679	336.670	337.174	336.166	G7
P	39	1924.100	310.169	302.159	302.663	301.655	P0
S	40	1977.616	287.542	280.533	281.037	280.029	S0
V	41	2027.150	224.126	216.117	216.621	215.613	V0
S	42	2070.666	174.592	166.583	167.087	166.079	S0
E	43	2125.188	131.076	123.067	123.570	122.562	E0
L	44	2181.710	66.555	58.545	59.049	58.041	L0

sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAASSTATEKPAAAKTKKPAKAAAPRKKPAGPSVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.14
- ▶ F104929.dat
- ▶ query=q4065_p1
- ▶ precursor=877.496430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	48.697	1461.817	1456.477	0.672	1456.141	S44
E	2	92.711	1418.803	1413.463	0.672	1413.127	E43
T	3	126.394	1375.788	1370.449	0.672	1370.113	T42
A	4	150.073	1332.766	1327.426	0.672	1327.090	A41
P	5	182.424	1318.427	1313.087	0.672	1312.751	P40
V	6	215.447	1286.016	1280.737	0.672	1280.400	V39
A	7	239.126	1253.051	1247.713	0.672	1247.377	A28
Q	8	261.812	1229.374	1224.034	1224.370	1223.099	Q37
A	9	305.491	1186.688	1181.348	1181.684	1181.012	A36
A	10	329.170	1163.009	1157.669	1158.005	1157.331	A35
S	11	358.180	1130.330	1113.990	1134.326	1133.054	S34
T	12	391.863	1102.319	1104.989	1126.315	1104.644	T33
A	13	415.542	1076.637	1071.297	1071.633	1070.901	A32
T	14	449.225	1052.957	1047.618	1047.954	1047.282	T31
E	15	462.239	1019.275	1013.935	1014.271	1013.599	E30
K	16	534.937	976.261	970.921	971.257	970.591	K29
P	17	567.268	933.562	928.222	928.559	927.881	P28
A	18	599.967	892.211	895.872	896.208	895.530	A27
A	19	614.646	877.532	872.193	872.529	871.857	A26
A	20	638.325	853.853	848.514	848.850	848.178	A25
K	21	661.024	830.174	824.835	825.171	824.499	K24
K	22	723.722	787.476	782.136	782.472	781.801	K23
T	23	787.808	744.778	739.438	739.774	739.103	T22
K	24	830.103	711.095	705.755	706.092	705.420	K21
K	25	842.801	668.397	663.057	663.393	662.721	K20
P	26	878.152	625.699	620.359	620.695	620.023	P19
A	27	908.831	593.348	588.008	588.344	587.672	A18
K	28	941.529	560.669	554.329	554.665	554.001	K17
A	29	965.208	528.970	523.631	523.967	523.295	A16
A	30	988.887	503.291	497.952	498.288	497.616	A15
A	31	1012.566	479.612	474.273	474.609	473.937	A14
P	32	1044.917	455.913	450.574	450.910	450.238	P13
K	33	1096.951	423.582	418.243	418.579	417.907	K12
K	34	1139.649	371.549	366.209	366.545	365.873	K11
K	35	1152.988	329.850	323.511	323.847	323.175	K10
P	36	1214.699	286.152	280.812	281.148	280.476	P10
A	37	1238.378	251.801	246.461	246.797	246.125	A10
G	38	1257.385	230.122	224.782	225.118	224.446	G17
P	39	1289.736	211.115	205.775	206.111	205.439	P16
S	40	1318.746	176.984	171.644	171.980	171.308	S15
V	41	1351.769	149.753	144.414	144.750	144.078	V14
S	42	1380.780	116.730	111.391	111.727	111.055	S13
E	43	1423.794	87.200	82.360	82.716	82.044	E12
L	44	1461.489	44.705	39.366	39.702	39.030	L11

sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAASTATEKPAAAKTKKPAKAAAPRKKPAGPSVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.14
- ▶ F104929.dat
- ▶ query=q4065_p1
- ▶ precursor=877.496430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1096.614	1092.610	0.755	1092.358	S 44
E 2	69.785	1064.354	1060.349	0.755	1060.099	E 43
T 3	95.047	1032.093	1028.088	0.755	1027.839	T 42
A 4	112.506	1000.831	1002.827	0.755	1002.575	A 41
F 5	137.076	969.072	965.067	0.755	964.315	F 40
V 6	161.537	934.820	930.804	0.755	930.552	V 39
A 7	179.596	946.042	936.037	0.755	935.785	A 38
Q 8	211.611	922.282	918.278	918.530	918.026	Q 37
A 9	229.370	890.268	886.263	886.515	886.011	A 36
A 10	247.129	872.508	868.504	868.756	868.252	A 35
S 11	268.887	854.749	850.744	850.996	850.493	S 34
T 12	294.149	833.901	828.988	829.238	828.735	T 33
A 13	311.908	807.229	803.225	803.976	803.473	A 32
T 14	337.170	789.970	785.965	786.217	785.713	T 31
E 15	369.431	764.708	760.703	760.955	760.451	E 30
K 16	401.455	732.447	728.443	728.695	728.191	K 29
F 17	425.718	706.424	696.419	696.671	696.167	F 28
A 18	443.077	679.160	672.156	672.408	671.904	A 27
A 19	461.236	658.401	654.396	654.648	654.145	A 26
A 20	478.996	640.642	636.637	636.889	636.385	A 25
K 21	511.019	622.883	618.878	619.130	618.626	K 24
K 22	543.043	590.850	586.854	587.106	586.602	K 23
T 23	568.305	568.835	564.830	565.082	564.578	T 22
K 24	600.228	533.571	529.566	529.820	529.315	K 21
K 25	632.353	502.540	497.545	497.797	497.293	K 20
P 26	666.616	469.256	465.251	465.773	465.269	P 19
A 27	674.375	445.263	441.258	441.510	441.006	A 18
K 28	706.399	427.503	423.499	423.751	423.247	K 17
A 29	724.158	395.480	391.475	391.727	391.223	A 16
A 30	741.917	372.220	367.216	367.468	366.964	A 15
A 31	759.077	359.961	355.956	356.208	355.705	A 14
P 32	783.940	342.202	338.197	338.449	337.945	P 31
R 33	822.965	317.938	313.934	314.186	313.682	R 12
K 34	854.989	278.913	274.909	275.160	274.657	K 11
K 35	887.013	246.889	242.885	243.137	242.633	K 10
P 36	911.276	214.866	210.861	211.113	210.609	P 9
A 37	924.035	199.601	195.596	195.848	195.344	A 9
G 38	943.290	172.843	168.839	169.091	168.587	G 7
P 39	967.554	158.588	154.583	154.835	154.331	P 6
S 40	989.312	134.325	130.320	130.572	130.068	S 5
V 41	1014.079	112.567	108.562	108.814	108.310	V 4
S 42	1035.837	87.800	83.795	84.047	83.543	S 3
E 43	1048.097	66.047	62.037	62.289	61.785	E 2
L 44	1096.368	33.781	29.776	30.028	29.524	L 1

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.51
- ▶ F104930.dat
- ▶ query=q4362_p1
- ▶ precursor=823.673160
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.079	4114.325	4098.306	0.000	4097.206	S[42]
E	2	276.119	3985.282	3969.263	0.000	3968.256	E[41]
A	3	347.156	3856.240	3840.221	0.000	3839.213	A[40]
A	4	418.193	3727.198	3711.179	0.000	3710.171	A[39]
P	5	515.246	3714.165	3698.147	0.000	3697.139	P[38]
A	6	598.283	3617.133	3601.094	0.000	3600.086	A[37]
A	7	657.320	3546.075	3530.057	0.000	3529.049	A[36]
P	8	754.373	3475.038	3459.020	0.000	3458.012	P[35]
A	9	825.410	3377.998	3361.967	0.000	3360.959	A[34]
A	10	896.447	3306.948	3290.930	0.000	3289.922	A[33]
A	11	967.484	3235.911	3219.891	0.000	3218.885	A[32]
P	12	1064.537	3164.874	3148.856	0.000	3147.848	P[31]
P	13	1161.590	3093.837	3077.803	0.000	3076.795	P[30]
A	14	1232.627	2970.769	2954.750	0.000	2953.742	A[29]
E	15	1303.664	2899.732	2883.713	0.000	2882.705	E[28]
R	16	1489.765	2770.689	2754.670	2755.678	2753.666	R[27]
A	17	1560.802	2642.594	2626.575	2627.583	2625.568	A[26]
P	18	1657.854	2571.557	2555.538	2556.546	2554.530	P[25]
A	19	1728.892	2474.504	2458.485	2459.493	2457.478	A[24]
K	20	1856.988	2403.467	2387.448	2388.456	2386.441	K[23]
K	21	1985.081	2275.372	2259.353	2260.361	2258.346	K[22]
K	22	2113.178	2147.277	2131.258	2132.266	2130.251	K[21]
A	23	2184.214	2019.182	2003.163	2004.171	2002.156	A[20]
A	24	2255.251	1948.145	1932.126	1933.134	1931.119	A[19]
K	25	2363.346	1877.098	1861.079	1862.087	1860.068	K[18]
K	26	2511.441	1749.013	1733.994	1734.002	1731.989	K[17]
P	27	2628.493	1620.918	1604.899	1605.907	1603.891	P[16]
A	28	2679.530	1523.868	1507.849	1508.854	1506.839	A[15]
G	29	2726.552	1452.828	1436.809	1437.817	1435.802	G[14]
V	30	2835.620	1395.807	1379.788	1380.796	1378.780	V[13]
R	31	2991.721	1296.738	1280.720	1281.727	1279.712	R[12]
R	32	3147.823	1140.637	1124.618	1125.626	1123.611	R[11]
R	33	3275.918	894.536	968.517	969.525	967.509	R[10]
A	34	3268.955	856.441		841.430	839.415	A[9]
S	35	3433.987	795.404	769.385	770.393	768.377	S[8]
G	36	3491.008	698.372	682.353	683.361	681.345	G[7]
P	37	3588.051	641.330	625.312	626.320	624.304	P[6]
P	38	3685.114	544.298	528.279	529.287	527.271	P[5]
V	39	3784.182	447.265	431.246	432.254	430.238	V[4]
S	40	3871.214	348.177	332.158	333.166	331.150	S[3]
E	41	4000.257	261.144	245.126	246.134	244.118	E[2]
L	42	4113.341	132.022	116.003	117.011	115.075	L[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.51
- ▶ F104930.dat
- ▶ query=q4362_p1
- ▶ precursor=823.673160
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2057.666	2049.657	0.504	2049.153	S(42)
E	2	138.563	1093.145	1985.135	0.504	1984.631	E(41)
A	3	174.082	1028.623	1020.614	0.504	1020.110	A(40)
A	4	269.600	1093.165	1085.085	0.504	1084.562	A(39)
T	5	298.122	1057.565	1049.517	0.504	1049.011	T(38)
A	6	293.645	1050.060	1041.051	0.504	1040.547	A(37)
A	7	336.164	1773.541	1765.532	0.504	1765.028	A(36)
F	8	377.690	1738.023	1730.013	0.504	1729.510	F(35)
A	9	413.209	1059.496	1051.457	0.504	1050.953	A(34)
A	10	448.727	1053.978	1045.989	0.504	1045.485	A(33)
A	11	484.246	1018.459	1010.430	0.504	1009.946	A(32)
F	12	532.772	1582.941	1574.931	0.504	1574.427	F(31)
F	13	581.290	1534.414	1526.405	0.504	1525.901	F(30)
A	14	616.817	1485.888	1477.879	0.504	1477.375	A(29)
E	15	661.336	1450.369	1442.359	0.504	1441.856	E(28)
R	16	745.386	1386.840	1377.829	0.504	1377.325	R(27)
A	17	780.904	1321.301	1313.791	1314.295	1313.287	A(26)
F	18	829.431	1286.362	1278.275	1278.777	1277.769	F(25)
A	19	864.949	1237.756	1229.746	1230.250	1229.242	A(24)
K	20	928.997	1202.237	1194.228	1194.732	1193.724	K(23)
K	21	993.044	1136.190	1130.180	1130.684	1129.676	K(22)
K	22	1057.092	1074.142	1066.133	1066.637	1065.629	K(21)
A	23	1092.610	1010.095	1002.085	1002.589	1001.581	A(20)
A	24	1138.120	974.576	966.567	967.071	966.063	A(19)
K	25	1192.176	939.050	931.040	931.542	930.544	K(18)
K	26	1269.228	875.010	867.001	867.505	866.497	K(17)
F	27	1304.750	810.983	802.973	803.477	802.469	F(16)
A	28	1340.269	767.435	759.427	759.931	758.923	A(15)
G	29	1388.780	726.918	718.908	719.412	718.404	G(14)
V	30	1418.314	698.407	690.398	690.902	689.894	V(13)
R	31	1496.364	648.873	640.863	641.367	640.359	R(12)
R	32	1574.415	610.822	602.813	603.317	602.309	R(11)
R	33	1633.442	602.772	604.762	605.266	604.258	R(10)
A	34	1673.961	428.724	420.715	421.219	420.211	A(9)
S	35	1717.497	391.206	383.196	383.700	382.692	S(8)
G	36	1746.028	349.690	341.680	342.184	341.176	G(7)
F	37	1764.534	321.179	313.170	313.673	312.666	F(6)
F	38	1843.680	272.652	264.643	265.147	264.139	F(5)
V	39	1892.595	224.126	216.117	216.621	215.613	V(4)
S	40	1936.111	174.592	166.583	167.086	166.078	S(3)
E	41	2000.632	131.076	123.067	123.570	122.562	E(2)
L	42	2057.174	66.555	58.545	59.049	58.041	L(1)

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAACKKPAGVRRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=35.51
- ▶ F104930.dat
- ▶ query=q4362_p1
- ▶ precursor=823.673160
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1372.113	1366.774	0.672	1366.438	S[42]
E	2	92.711	1329.099	1323.759	0.672	1323.421	E[41]
A	3	126.390	1286.085	1280.745	0.672	1280.409	A[40]
A	4	160.069	1242.406	1237.066	0.672	1236.730	A[39]
P	5	172.420	1238.722	1233.387	0.672	1233.051	P[38]
A	6	196.099	1206.376	1201.036	0.672	1200.700	A[37]
A	7	219.778	1182.697	1177.357	0.672	1177.021	A[36]
P	8	252.129	1159.018	1153.678	0.672	1153.342	P[35]
A	9	275.808	1126.667	1121.327	0.672	1120.991	A[34]
A	10	299.487	1102.988	1097.648	0.672	1097.312	A[33]
A	11	323.166	1079.309	1073.969	0.672	1073.633	A[32]
P	12	355.517	1055.630	1050.290	0.672	1049.954	P[31]
P	13	387.898	1023.279	1017.939	0.672	1017.603	P[30]
A	14	411.547	999.928	985.588	0.672	985.252	A[29]
E	15	454.301	967.249	961.909	0.672	961.573	E[28]
R	16	497.260	924.339	918.895	919.231	918.559	R[27]
A	17	520.939	881.538	876.197	876.533	875.861	A[26]
P	18	553.290	857.857	852.518	852.854	852.182	P[25]
A	19	576.969	825.508	820.167	820.503	819.831	A[24]
K	20	619.667	801.827	796.488	796.824	796.152	K[23]
K	21	662.365	759.129	753.789	754.125	753.453	K[22]
K	22	705.064	716.431	711.091	711.427	710.751	K[21]
A	23	728.743	673.732	668.393	668.729	668.053	A[20]
A	24	752.422	650.053	644.714	645.050	644.378	A[19]
K	25	795.120	626.374	621.035	621.371	620.699	K[18]
K	26	837.818	583.676	578.336	578.672	578.000	K[17]
P	27	880.516	540.978	535.638	535.974	535.302	P[16]
K	28	893.848	508.927	503.587	503.923	503.251	K[15]
G	29	912.355	484.948	479.608	479.944	479.272	G[14]
V	30	945.878	465.940	460.601	460.937	460.265	V[13]
R	31	997.912	432.918	427.578	427.914	427.242	R[12]
R	32	1040.946	389.884	375.544	375.880	375.208	R[11]
K	33	1092.644	358.860	353.511	353.847	353.175	K[10]
A	34	1118.323	286.152	280.812	281.148	280.476	A[9]
S	35	1145.334	262.473	257.133	257.469	256.797	S[8]
G	36	1184.341	233.462	228.123	228.459	227.787	G[7]
P	37	1198.692	214.455	209.115	209.451	208.779	P[6]
P	38	1229.043	182.194	176.705	177.041	176.429	P[5]
V	39	1262.066	149.753	144.414	144.750	144.078	V[4]
S	40	1291.076	116.739	111.399	111.737	111.065	S[3]
E	41	1334.090	87.220	82.380	82.716	82.044	E[2]
L	42	1371.705	44.705	39.366	39.702	39.030	L[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAACKKAGVRRKASGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=35.51
- ▶ F104930.dat
- ▶ query=q4362.p1
- ▶ precursor=823.673160
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
S	1	37.525	1029.337	1025.332	0.755	1026.090	S	42
E	2	69.785	997.076	993.071	0.755	992.815	E	41
A	3	87.544	954.815	950.811	0.755	946.559	A	40
A	4	105.904	947.056	943.051	0.755	942.799	A	39
P	5	120.567	929.297	925.292	0.755	925.040	P	38
A	6	147.326	905.034	901.029	0.755	900.777	A	37
A	7	165.086	887.274	883.270	0.755	883.019	A	36
P	8	189.349	866.515	865.510	0.755	865.256	P	35
A	9	207.108	849.252	841.247	0.755	840.999	A	34
A	10	224.867	827.493	823.488	0.755	823.235	A	33
A	11	242.627	809.733	805.729	0.755	805.477	A	32
P	12	266.890	791.974	787.969	0.755	787.717	P	31
P	13	291.153	767.711	763.706	0.755	763.454	P	30
A	14	308.912	743.448	739.443	0.755	739.191	A	29
E	15	341.173	725.688	721.684	0.755	721.432	E	28
K	16	373.197	691.423	689.423	689.075	689.171	K	27
A	17	390.956	661.404	657.399	657.051	657.147	A	26
P	18	415.219	643.645	639.640	639.692	639.388	P	25
A	19	432.978	619.381	615.377	615.620	615.125	A	24
K	20	465.002	601.622	597.618	597.669	597.366	K	23
K	21	497.026	569.598	565.594	565.646	565.342	K	22
K	22	529.050	537.573	533.570	533.622	533.318	K	21
A	23	546.809	505.551	501.546	501.789	501.294	A	20
A	24	564.568	467.792	463.787	464.030	463.535	A	19
K	25	596.592	470.032	466.028	466.280	465.776	K	18
K	26	628.616	438.009	434.004	434.256	433.752	K	17
P	27	652.879	405.985	401.980	402.232	401.728	P	16
A	28	670.638	381.722	377.717	377.969	377.465	A	15
G	29	684.893	363.963	359.958	360.210	359.705	G	14
V	30	709.661	349.707	345.702	345.954	345.450	V	13
R	31	748.686	324.940	320.935	321.187	320.683	R	12
R	32	787.711	285.915	281.910	282.162	281.658	R	11
K	33	819.735	246.889	242.885	243.137	242.633	K	10
A	34	837.494	214.866	210.861	211.113	210.609	A	9
S	35	859.252	197.100	193.102	193.354	192.850	S	8
G	36	873.867	175.349	171.344	171.596	171.092	G	7
P	37	897.771	161.093	157.088	157.340	156.836	P	6
P	38	922.034	136.830	132.825	133.077	132.573	P	5
V	39	946.801	112.567	108.562	108.814	108.310	V	4
S	40	968.559	87.800	83.795	84.047	83.543	S	3
E	41	1030.620	66.042	62.037	62.289	61.785	E	2
L	42	1029.091	33.781	29.776	30.028	29.524	L	1

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.44
- ▶ F104930.dat
- ▶ query=q4399_p1
- ▶ precursor=847.885670
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	147.076	4235.387	4219.369	0.000	4218.362	A[43]
E	3	278.119	4198.345	4030.335	0.000	4089.315	E[43]
T	3	377.167	3977.362	3961.294	0.000	3960.270	T[41]
A	4	448.204	3870.255	3860.230	0.000	3859.238	A[40]
P	5	545.257	3805.217	3789.199	0.000	3788.191	P[39]
A	6	616.294	3708.165	3692.146	0.000	3691.138	A[38]
A	7	667.331	3637.126	3621.109	0.000	3620.101	A[37]
P	8	784.384	3566.090	3550.072	0.000	3549.064	P[36]
A	9	855.421	3469.038	3453.019	0.000	3452.011	A[35]
A	10	926.458	3398.001	3381.982	0.000	3380.974	A[34]
P	11	1023.511	3326.963	3310.944	0.000	3309.935	P[33]
A	12	1094.548	3229.911	3213.892	0.000	3212.884	A[32]
P	13	1161.600	3138.874	3142.855	0.000	3141.847	P[31]
V	14	1290.669	3061.821	3045.803	0.000	3044.794	V[30]
E	15	1419.711	2962.752	2946.734	0.000	2945.726	E[29]
K	16	1547.806	2833.710	2817.691	2818.699	2816.683	K[28]
T	17	1648.854	2705.615	2689.596	2690.604	2688.588	T[27]
P	18	1745.907	2604.567	2588.548	2589.556	2587.541	P[26]
V	19	1844.975	2507.514	2491.496	2492.504	2490.488	V[25]
R	20	1973.078	2408.446	2392.427	2393.435	2391.418	R[24]
K	21	2101.105	2280.351	2264.332	2265.340	2263.324	K[23]
K	22	2229.200	2152.258	2136.239	2137.247	2135.230	K[22]
A	23	2300.297	2024.161	2008.142	2009.150	2007.134	A[21]
K	24	2428.392	1953.124	1937.105	1938.113	1936.097	K[20]
K	25	2526.487	1825.020	1809.001	1810.010	1808.002	K[19]
T	26	2657.538	1706.934	1690.915	1691.923	1689.906	T[18]
G	27	2714.556	1595.888	1579.868	1580.875	1578.860	G[17]
A	28	2785.593	1538.885	1522.846	1523.854	1521.838	A[16]
A	29	2856.631	1467.828	1451.809	1452.817	1450.801	A[15]
A	30	2927.668	1396.791	1380.772	1381.780	1379.764	A[14]
G	31	2984.689	1325.754	1309.735	1310.743	1308.727	G[13]
K	32	3112.784	1268.732	1252.713	1253.721	1251.706	K[12]
R	33	3268.888	1140.637	1124.618	1125.625	1123.610	R[11]
K	34	3396.980	984.538	968.519	969.525	967.509	K[10]
A	35	3488.017	856.441	840.422	841.430	839.413	A[9]
S	36	3555.049	785.404	769.385	770.393	768.377	S[8]
G	37	3632.071	698.372	682.353	683.361	681.345	G[7]
P	38	3709.124	641.366	625.347	626.354	624.339	P[6]
P	39	3806.176	544.298	528.279	529.287	527.271	P[5]
V	40	3905.245	447.245	431.226	432.234	430.218	V[4]
S	41	3992.277	348.177	332.158	333.166	331.150	S[3]
E	42	4121.319	261.144	245.125	246.134	244.118	E[2]
L	43	4234.403	132.102	116.083	117.091	115.075	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.44
- ▶ F104930.dat
- ▶ query=q4399.p1
- ▶ precursor=847.885670
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2118.197	2110.188	0.504	2109.684	E[43]
E	2	138.563	2051.076	2045.667	0.504	2045.163	E[42]
T	3	189.087	1988.355	1981.143	0.504	1980.641	F[41]
A	4	224.606	1930.631	1930.622	0.504	1930.118	A[40]
F	5	273.132	1903.112	1895.103	0.504	1894.599	F[39]
A	6	308.650	1854.586	1846.577	0.504	1846.073	A[38]
A	7	344.169	1819.067	1811.058	0.504	1810.554	A[37]
F	8	382.695	1783.549	1775.540	0.504	1775.036	F[36]
A	9	428.214	1759.105	1757.093	0.504	1756.589	A[35]
A	10	463.733	1699.504	1691.495	0.504	1690.991	A[34]
F	11	512.259	1663.965	1655.976	0.504	1655.472	F[33]
A	12	547.777	1615.459	1607.450	0.504	1606.946	A[32]
F	13	586.304	1579.940	1571.930	0.504	1571.427	F[31]
V	14	645.838	1538.424	1522.405	0.504	1522.901	V[30]
E	15	710.359	1489.880	1473.870	0.504	1473.367	E[29]
K	16	774.407	1447.359	1439.349	1409.853	1408.845	K[28]
T	17	804.911	1383.311	1345.302	1345.806	1344.798	T[27]
F	18	873.457	1302.787	1294.778	1295.262	1294.271	F[26]
V	19	927.974	1254.261	1246.251	1246.755	1245.746	V[25]
K	20	987.039	1204.244	1196.237	1197.241	1196.231	K[24]
K	21	1051.086	1140.679	1132.670	1133.174	1132.166	K[23]
K	22	1115.134	1076.632	1068.622	1069.126	1068.118	K[22]
A	23	1180.652	1012.584	1004.575	1005.079	1004.071	A[21]
K	24	1214.700	977.066	969.056	969.560	968.552	K[20]
K	25	1278.141	913.018	905.009	905.513	904.505	K[19]
T	26	1320.271	848.971	840.961	841.465	840.457	T[18]
G	27	1357.782	798.447	790.437	790.941	789.934	G[17]
A	28	1393.300	769.936	761.927	762.431	761.423	A[16]
A	29	1428.819	734.419	726.408	726.912	725.904	A[15]
A	30	1454.337	698.099	690.089	691.094	690.086	A[14]
C	31	1492.848	663.380	655.371	655.875	654.867	C[13]
K	32	1556.896	634.970	626.959	627.964	626.956	K[12]
R	33	1634.946	670.822	562.813	563.817	562.809	R[11]
K	34	1698.994	692.772	484.762	485.266	484.259	K[10]
A	35	1734.512	428.724	420.715	421.219	420.211	A[9]
S	36	1778.028	393.206	385.197	386.202	385.194	S[8]
G	37	1895.539	349.689	341.680	342.184	341.177	G[7]
F	38	1855.065	321.179	313.170	313.673	312.666	F[6]
F	39	1903.592	272.652	264.643	265.147	264.139	F[5]
V	40	1953.126	254.129	246.119	246.623	245.615	V[4]
S	41	1986.642	174.592	166.583	167.086	166.078	S[3]
E	42	2003.183	133.076	125.067	125.570	124.562	E[2]
L	43	2117.705	66.555	58.545	59.049	58.041	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.44
- ▶ F104930.dat
- ▶ query=q4399_p1
- ▶ precursor=847.885670
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	60.697	1412.461	1407.126	0.672	1406.792	S 42
E 2	62.711	1309.451	1364.114	0.672	1363.474	E 43
T 3	126.594	1325.430	1321.099	0.672	1320.763	T 41
A 4	150.073	1292.756	1287.417	0.672	1287.081	A 40
P 5	162.424	1269.077	1263.738	0.672	1263.402	P 39
A 6	206.103	1236.720	1231.387	0.672	1231.051	A 38
A 7	229.782	1213.047	1207.708	0.672	1207.372	A 37
P 8	262.133	1199.560	1194.225	0.672	1193.890	P 36
A 9	285.812	1157.017	1151.678	0.672	1151.342	A 35
A 10	309.491	1133.338	1127.999	0.672	1127.663	A 34
P 11	341.842	1109.659	1104.320	0.672	1103.984	P 33
A 12	365.521	1077.308	1071.969	0.672	1071.633	A 32
P 13	397.872	1053.620	1048.290	0.672	1047.954	P 31
V 14	430.094	1021.373	1015.935	0.672	1015.600	V 30
E 15	473.909	988.250	982.916	0.672	982.580	E 29
K 16	516.607	945.241	939.902	940.238	939.566	K 28
T 17	550.290	902.547	897.204	897.539	896.868	T 27
P 18	582.640	868.861	863.521	863.857	863.189	P 26
V 19	615.663	836.510	831.170	831.506	830.834	V 25
K 20	658.302	803.467	798.147	798.483	797.811	K 24
K 21	701.000	760.789	755.449	755.785	755.113	K 23
K 22	743.758	718.000	712.751	713.087	712.415	K 22
A 23	767.437	675.392	670.052	670.388	669.716	A 21
K 24	810.136	651.713	646.373	646.709	646.037	K 20
K 25	852.834	609.015	603.675	604.011	603.339	K 19
T 26	894.916	566.318	560.977	561.313	560.641	T 18
G 27	905.524	533.634	527.294	527.630	526.958	G 17
A 28	929.203	513.626	508.287	508.623	507.951	A 16
A 29	952.882	489.947	484.608	484.944	484.272	A 15
A 30	976.561	466.260	460.920	461.255	460.583	A 14
G 31	995.568	442.580	437.240	437.576	436.904	G 13
K 32	1038.256	423.587	418.243	418.579	417.907	K 12
R 33	1050.300	380.884	375.544	375.880	375.208	R 11
K 34	1132.998	328.850	323.511	323.847	323.175	K 10
A 35	1156.677	286.157	280.812	281.148	280.476	A 0
S 36	1185.688	262.473	257.133	257.469	256.797	S 8
G 37	1204.695	233.462	228.123	228.459	227.787	G 7
P 38	1237.046	214.451	209.115	209.451	208.779	P 6
P 39	1269.397	182.104	176.765	177.100	176.429	P 5
V 40	1302.420	149.753	144.414	144.750	144.078	V 4
S 41	1331.430	116.730	111.391	111.727	111.055	S 3
E 42	1374.445	87.720	82.380	82.716	82.044	E 2
L 43	1412.139	44.705	39.366	39.702	39.030	L 1

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=50.44
- ▶ F104930.dat
- ▶ query=q4399.p1
- ▶ precursor=847.885670
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	37.925	1059.602	1055.598	0.755	1055.346	S 42
E 2	69.785	1027.352	1023.337	0.755	1023.085	E 42
T 3	95.047	995.081	991.076	0.755	990.824	T 41
A 4	112.806	969.819	965.814	0.755	965.562	A 40
P 5	127.070	952.060	948.055	0.755	947.803	P 39
A 6	154.820	927.797	923.792	0.755	923.540	A 38
A 7	172.588	910.837	906.833	0.755	905.781	A 37
P 8	196.851	892.576	888.573	0.755	888.321	P 36
A 9	214.611	868.015	864.010	0.755	863.758	A 35
A 10	232.370	850.250	846.251	0.755	845.999	A 34
P 11	256.633	832.490	828.492	0.755	828.240	P 33
A 12	274.392	808.233	804.238	0.755	803.976	A 32
P 13	298.656	790.474	786.469	0.755	786.217	P 31
V 14	323.423	766.211	762.206	0.755	761.954	V 30
E 15	355.683	741.444	737.439	0.755	737.187	E 29
K 16	387.707	709.183	705.178	705.430	704.926	K 28
T 17	412.969	677.159	673.154	673.406	672.903	T 27
P 18	437.232	651.897	647.893	648.145	647.641	P 26
V 19	461.999	627.634	623.629	623.881	623.377	V 25
K 20	484.223	602.967	598.962	599.114	598.611	K 24
K 21	526.047	570.843	566.839	567.090	566.587	K 23
K 22	558.070	538.819	534.815	535.067	534.563	K 22
A 23	578.830	506.796	502.791	503.043	502.539	A 21
K 24	607.854	489.030	485.032	485.284	484.780	K 20
K 25	639.877	457.013	453.008	453.260	452.756	K 19
T 26	665.139	434.989	430.984	431.236	430.732	T 18
K 27	679.395	395.727	395.722	395.974	395.470	K 17
A 28	697.154	385.472	381.467	381.719	381.215	A 16
A 29	714.913	367.712	363.708	363.960	363.456	A 15
A 30	732.672	349.953	345.948	346.200	345.696	A 14
G 31	746.928	332.194	328.189	328.441	327.937	G 13
K 32	778.951	317.698	313.694	313.946	313.442	K 12
K 33	817.974	285.915	281.910	282.162	281.658	K 11
K 34	850.001	246.889	242.885	243.137	242.633	K 10
A 35	867.760	214.899	210.891	211.113	210.609	A 9
S 36	889.518	197.100	193.102	193.354	192.850	S 8
G 37	903.773	175.348	171.344	171.596	171.092	G 7
P 38	924.026	161.093	157.088	157.340	156.836	P 6
V 39	952.300	139.839	132.826	133.077	132.573	V 5
V 40	977.067	112.507	108.502	108.814	108.310	V 4
S 41	998.825	87.800	83.795	84.047	83.543	S 3
E 42	1031.085	66.042	62.037	62.289	61.785	E 2
L 43	1059.356	33.781	29.776	30.028	29.524	L 1

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.40
- ▶ F104930.dat
- ▶ query=q4401_p1
- ▶ precursor=847.886180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	147.076	4236.387	4219.369	0.000	4218.362	A[43]
E	3	278.119	4198.345	4099.336	0.000	4099.311	E[43]
T	3	377.167	3977.362	3961.204	0.000	3960.270	T[41]
A	4	448.204	3876.255	3860.236	0.000	3859.238	A[40]
P	5	545.257	3805.217	3789.199	0.000	3788.191	P[39]
A	6	616.294	3708.165	3692.146	0.000	3691.138	A[38]
A	7	667.331	3637.126	3621.108	0.000	3620.101	A[37]
P	8	784.384	3566.090	3550.072	0.000	3549.064	P[36]
A	9	855.421	3469.038	3453.019	0.000	3452.011	A[35]
A	10	926.458	3398.001	3381.982	0.000	3380.974	A[34]
P	11	1023.511	3326.963	3310.944	0.000	3309.937	P[33]
A	12	1094.548	3229.911	3213.892	0.000	3212.884	A[32]
P	13	1161.600	3138.874	3142.855	0.000	3141.847	P[31]
V	14	1290.669	3061.821	3045.803	0.000	3044.796	V[30]
E	15	1419.711	2962.752	2946.734	0.000	2945.726	E[29]
K	16	1547.806	2833.710	2817.691	2818.699	2816.683	K[28]
V	17	1648.854	2705.615	2689.596	2690.604	2688.589	V[27]
P	18	1745.907	2604.567	2588.548	2589.556	2587.541	P[26]
V	19	1844.975	2507.514	2491.496	2492.504	2490.488	V[25]
R	20	1973.078	2408.446	2392.427	2393.435	2391.418	R[24]
K	21	2101.105	2280.353	2264.334	2265.340	2263.324	K[23]
R	22	2229.200	2152.258	2136.239	2137.245	2135.230	R[22]
A	23	2300.297	2024.161	2008.142	2009.150	2007.135	A[21]
K	24	2428.392	1953.124	1937.105	1938.113	1936.097	K[20]
K	25	2526.487	1825.029	1809.010	1810.018	1808.002	K[19]
T	26	2657.538	1706.934	1690.915	1691.923	1689.907	T[18]
G	27	2714.556	1595.888	1579.868	1580.875	1578.860	G[17]
A	28	2785.593	1538.885	1522.866	1523.874	1521.858	A[16]
A	29	2856.631	1467.828	1451.809	1452.817	1450.801	A[15]
A	30	2927.668	1396.791	1380.772	1381.780	1379.764	A[14]
C	31	2984.689	1325.754	1309.735	1310.743	1308.727	C[13]
K	32	3112.784	1268.732	1252.713	1253.721	1251.706	K[12]
R	33	3268.888	1140.637	1124.618	1125.626	1123.611	R[11]
K	34	3396.980	984.538	968.517	969.525	967.509	K[10]
A	35	3488.017	856.441	840.422	841.430	839.413	A[9]
S	36	3555.049	785.404	769.385	770.393	768.377	S[8]
C	37	3612.074	698.375	682.356	683.363	681.347	C[7]
P	38	3709.124	641.350	625.331	626.340	624.323	P[6]
P	39	3806.176	544.298	528.279	529.287	527.271	P[5]
V	40	3905.245	447.245	431.226	432.234	430.218	V[4]
S	41	3992.277	348.177	332.158	333.166	331.150	S[3]
E	42	4121.319	261.144	245.126	246.134	244.118	E[2]
L	43	4234.403	132.102	116.083	117.091	115.075	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=37.40
- ▶ F104930.dat
- ▶ query=q4401_p1
- ▶ precursor=847.886180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2118.197	2110.188	0.504	2109.686	E[43]
E	2	138.563	2051.676	2045.667	0.504	2045.163	E[42]
T	3	189.087	1988.355	1981.345	0.504	1980.841	F[41]
A	4	224.606	1928.631	1920.622	0.504	1920.118	A[40]
F	5	273.132	1903.112	1895.103	0.504	1894.599	F[39]
A	6	308.650	1854.586	1846.577	0.504	1846.073	A[38]
A	7	344.169	1819.067	1811.058	0.504	1810.554	A[37]
F	8	382.695	1783.549	1775.540	0.504	1775.036	F[36]
A	9	428.214	1755.022	1747.013	0.504	1746.509	A[35]
A	10	463.733	1699.504	1691.495	0.504	1690.991	A[34]
F	11	512.259	1663.985	1655.976	0.504	1655.472	F[33]
A	12	547.777	1615.459	1607.450	0.504	1606.946	A[32]
F	13	586.304	1579.940	1571.931	0.504	1571.427	F[31]
V	14	645.838	1533.414	1525.405	0.504	1524.901	V[30]
E	15	710.359	1481.880	1473.870	0.504	1473.367	E[29]
K	16	774.407	1447.359	1439.349	1409.853	1408.848	K[28]
T	17	804.911	1383.311	1345.302	1345.806	1344.798	T[27]
F	18	873.457	1302.787	1294.778	1295.282	1294.271	F[26]
V	19	927.974	1254.261	1246.251	1246.755	1245.746	V[25]
K	20	987.039	1204.991	1196.977	1197.241	1195.231	K[24]
K	21	1051.086	1140.679	1132.670	1133.174	1132.166	K[23]
K	22	1115.134	1078.632	1068.622	1069.126	1068.118	K[22]
A	23	1156.652	1012.584	1004.575	1005.079	1004.071	A[21]
K	24	1214.700	977.066	969.056	969.560	968.552	K[20]
K	25	1278.747	913.018	905.009	905.513	904.505	K[19]
T	26	1320.271	848.971	840.961	841.965	840.957	T[18]
G	27	1357.782	798.447	790.437	790.941	789.934	G[17]
A	28	1393.300	769.936	761.927	762.431	761.423	A[16]
A	29	1428.819	734.419	726.408	726.912	725.904	A[15]
A	30	1454.337	698.899	690.889	691.394	690.386	A[14]
C	31	1492.848	663.380	655.371	655.875	654.867	C[13]
K	32	1556.896	634.910	626.898	627.394	626.386	K[12]
R	33	1634.946	670.822	562.813	563.317	562.309	R[11]
K	34	1698.994	692.772	684.762	685.266	684.258	K[10]
A	35	1734.512	428.724	420.715	421.219	420.211	A[9]
S	36	1778.628	393.205	385.195	385.700	384.692	S[8]
G	37	1808.510	349.690	341.680	342.184	341.176	G[7]
F	38	1855.005	321.179	313.170	313.673	312.666	F[6]
F	39	1903.592	272.652	264.643	265.147	264.139	F[5]
V	40	1953.126	254.129	246.119	246.621	245.613	V[4]
S	41	1996.642	174.592	166.583	167.086	166.078	S[3]
E	42	2003.183	133.076	125.067	125.570	124.562	E[2]
L	43	2117.705	66.555	58.545	59.049	58.041	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=37.40
- ▶ F104930.dat
- ▶ query=q4401_p1
- ▶ precursor=847.886180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	60.697	1412.467	1407.126	0.672	1406.792	S[42]
T	2	62.711	1359.451	1364.114	0.672	1363.442	T[43]
T	3	126.594	1325.432	1321.099	0.672	1320.763	T[41]
A	4	150.073	1292.756	1287.417	0.672	1287.081	A[40]
P	5	162.424	1269.077	1263.738	0.672	1263.402	P[39]
A	6	206.103	1236.720	1231.367	0.672	1231.051	A[38]
A	7	229.162	1213.041	1207.708	0.672	1207.372	A[37]
P	8	262.133	1189.368	1184.629	0.672	1183.993	P[36]
A	9	285.812	1157.017	1151.678	0.672	1151.342	A[35]
A	10	309.491	1133.338	1127.999	0.672	1127.663	A[34]
P	11	341.842	1109.659	1104.920	0.672	1103.984	P[33]
A	12	365.521	1077.300	1071.969	0.672	1071.633	A[32]
P	13	397.872	1053.620	1048.869	0.672	1047.954	P[31]
V	14	430.694	1021.278	1015.939	0.672	1015.603	V[30]
E	15	473.909	988.256	982.916	0.672	982.580	E[29]
K	16	516.607	945.241	939.902	940.238	0.93556	K[28]
T	17	559.290	902.547	897.204	897.539	896.868	T[27]
P	18	582.640	868.861	863.521	863.857	863.189	P[26]
V	19	615.663	836.510	831.170	831.506	830.834	V[25]
K	20	658.382	803.467	798.147	798.483	797.811	K[24]
K	21	701.090	760.789	755.449	755.785	755.113	K[23]
K	22	743.758	718.090	712.751	713.087	712.415	K[22]
A	23	767.437	675.392	670.052	670.388	669.716	A[21]
K	24	810.136	651.713	646.373	646.709	646.037	K[20]
K	25	852.834	609.015	603.675	604.011	603.339	K[19]
T	26	895.536	566.316	560.977	561.313	560.641	T[18]
G	27	905.524	533.634	527.294	527.630	526.958	G[17]
A	28	929.203	513.626	508.287	508.623	507.951	A[16]
A	29	952.882	489.947	484.608	484.944	484.272	A[15]
A	30	976.561	466.269	460.929	461.265	460.593	A[14]
G	31	995.568	442.589	437.250	437.586	436.914	G[13]
K	32	1038.256	423.587	418.248	418.579	417.907	K[12]
R	33	1090.300	380.884	375.544	375.880	375.208	R[11]
K	34	1132.998	328.850	323.511	323.847	323.175	K[10]
A	35	1156.677	286.157	280.812	281.148	280.476	A[0]
S	36	1185.688	262.473	257.133	257.469	256.797	S[8]
G	37	1204.695	233.462	228.123	228.459	227.787	G[7]
P	38	1237.046	214.453	209.115	209.451	208.779	P[6]
P	39	1269.397	182.104	176.765	177.100	176.429	P[5]
V	40	1302.420	149.753	144.414	144.750	144.078	V[4]
S	41	1331.430	116.730	111.391	111.727	111.055	S[3]
E	42	1374.445	87.720	82.380	82.716	82.044	E[2]
L	43	1412.139	44.705	39.366	39.702	39.030	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=37.40
- ▶ F104930.dat
- ▶ query=q4401.p1
- ▶ precursor=847.886180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	37.525	1059.602	1055.598	0.755	1055.346	S[42]
E12	69.785	1027.342	1023.337	0.755	1023.085	E[42]
T13	95.047	995.081	991.076	0.755	990.824	T[41]
A14	112.806	969.819	965.814	0.755	965.562	A[40]
P15	127.070	952.060	948.055	0.755	947.803	P[39]
A16	154.820	927.797	923.792	0.755	923.540	A[38]
A17	172.588	910.837	906.833	0.755	905.781	A[37]
P18	196.351	899.270	895.265	0.755	895.021	P[36]
A19	214.611	888.015	884.010	0.755	883.758	A[35]
A10	232.370	850.250	846.251	0.755	845.999	A[34]
P11	256.633	832.490	828.492	0.755	828.240	P[33]
A12	274.392	808.233	804.238	0.755	803.976	A[32]
T13	298.656	790.474	786.469	0.755	786.211	T[31]
V14	323.423	776.211	762.206	0.755	761.954	V[30]
E15	355.683	741.444	737.439	0.755	737.181	E[29]
K16	387.707	709.183	705.178	705.430	704.928	K[28]
T17	412.969	677.159	673.154	673.406	672.903	T[27]
P18	437.232	651.897	647.893	648.145	647.641	P[26]
V19	461.999	627.634	623.629	623.881	623.377	V[25]
K20	494.023	602.367	598.362	599.114	598.611	K[24]
K21	526.047	570.843	566.839	567.090	566.587	K[23]
K22	558.070	538.819	534.815	535.067	534.563	K[22]
A23	578.830	506.796	502.791	503.043	502.539	A[21]
K24	607.854	489.030	485.032	485.284	484.780	K[20]
K25	639.877	457.013	453.008	453.260	452.756	K[19]
T26	669.239	434.989	430.984	431.236	430.732	T[18]
G27	679.395	399.727	395.722	395.974	395.470	G[17]
A28	697.154	385.472	381.467	381.719	381.215	A[16]
A29	714.913	367.712	363.708	363.960	363.456	A[15]
A30	732.672	349.953	345.948	346.200	345.696	A[14]
G31	746.928	332.194	328.189	328.441	327.937	G[13]
K32	778.951	317.638	313.634	313.886	313.382	K[12]
K33	817.974	289.915	285.910	286.162	285.658	K[11]
K34	850.001	246.889	242.885	243.137	242.633	K[10]
A35	867.760	214.899	210.891	211.113	210.609	A[9]
S36	889.518	197.100	193.102	193.354	192.850	S[8]
G37	903.773	175.348	171.344	171.596	171.092	G[7]
P38	924.026	161.093	157.088	157.340	156.836	P[6]
P39	952.300	139.839	135.826	136.077	135.573	P[5]
V40	977.067	112.507	108.502	108.814	108.310	V[4]
S41	998.825	87.800	83.795	84.047	83.543	S[3]
E42	1031.085	66.042	62.037	62.289	61.785	E[2]
L43	1059.356	33.781	29.776	30.028	29.524	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.25
- ▶ F104930.dat
- ▶ query=q4402_p1
- ▶ precursor=706.739730
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4235.367	4219.369	0.000	4218.361	S[43]
E	3	278.119	4106.341	4030.335	0.000	4089.313	E[43]
T	3	377.167	3977.302	3951.294	0.000	3940.270	T[41]
A	4	448.204	3870.255	3850.230	0.000	3859.238	A[40]
P	5	545.257	3805.217	3789.199	0.000	3788.191	P[39]
A	6	616.294	3708.165	3692.146	0.000	3691.138	A[38]
A	7	667.311	3637.126	3621.109	0.000	3620.101	A[37]
P	8	784.384	3566.090	3550.072	0.000	3549.064	P[36]
A	9	855.421	3469.038	3453.019	0.000	3452.011	A[35]
A	10	926.458	3398.001	3381.982	0.000	3380.974	A[34]
P	11	1023.511	3326.963	3310.944	0.000	3309.937	P[33]
A	12	1094.548	3229.911	3213.892	0.000	3212.884	A[32]
P	13	1165.600	3138.874	3142.855	0.000	3141.847	P[31]
V	14	1236.659	3041.821	3045.803	0.000	3044.794	V[30]
E	15	1419.711	2962.752	2946.734	0.000	2945.726	E[29]
K	16	1547.806	2833.710	2817.691	2818.699	2810.683	K[28]
V	17	1648.854	2705.615	2689.596	2690.604	2688.588	V[27]
P	18	1745.907	2604.567	2588.548	2589.556	2587.541	P[26]
V	19	1843.976	2507.514	2491.496	2492.504	2490.488	V[25]
K	20	1973.070	2408.446	2392.427	2393.435	2391.418	K[24]
K	21	2101.105	2280.351	2264.332	2265.340	2263.324	K[23]
K	22	2229.200	2152.258	2136.239	2137.247	2135.230	K[22]
A	23	2300.297	2024.161	2008.142	2009.150	2007.134	A[21]
K	24	2428.392	1953.124	1937.105	1938.113	1936.097	K[20]
K	25	2526.487	1825.020	1809.001	1810.010	1808.002	K[19]
T	26	2657.538	1706.934	1690.915	1691.923	1689.906	T[18]
G	27	2714.556	1595.888	1579.868	1580.875	1578.860	G[17]
A	28	2785.593	1538.885	1522.846	1523.854	1521.838	A[16]
A	29	2856.631	1467.828	1451.809	1452.817	1450.801	A[15]
A	30	2927.668	1396.791	1380.772	1381.780	1379.764	A[14]
C	31	2984.689	1325.754	1309.735	1310.743	1308.727	C[13]
K	32	3112.784	1206.722	1190.713	1191.721	1189.704	K[12]
R	33	3268.885	1140.637	1124.618	1125.626	1123.610	R[11]
K	34	3396.980	984.538	968.517	969.525	967.509	K[10]
A	35	3488.017	856.441	840.422	841.430	839.413	A[9]
S	36	3555.049	785.404	769.385	770.393	768.377	S[8]
G	37	3632.071	698.372	682.353	683.361	681.345	G[7]
P	38	3709.124	641.304	625.282	626.290	624.274	P[6]
P	39	3806.176	544.298	528.279	529.287	527.271	P[5]
V	40	3905.245	447.245	431.226	432.234	430.218	V[4]
S	41	3992.277	348.177	332.158	333.166	331.150	S[3]
E	42	4121.319	261.144	245.126	246.134	244.118	E[2]
L	43	4234.403	132.102	116.083	117.091	115.075	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.25
- ▶ F104930.dat
- ▶ query=q4402_p1
- ▶ precursor=706.739730
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2118.197	2110.188	0.504	2109.684	E[43]
E	2	138.563	2051.676	2045.667	0.504	2045.163	E[42]
T	3	189.087	1988.355	1981.345	0.504	1980.841	F[41]
A	4	224.606	1928.631	1920.622	0.504	1920.118	A[40]
F	5	273.132	1903.112	1895.103	0.504	1894.599	F[39]
A	6	308.650	1854.586	1846.577	0.504	1846.073	A[38]
A	7	344.169	1819.067	1811.058	0.504	1810.554	A[37]
F	8	382.695	1783.549	1775.540	0.504	1775.036	F[36]
A	9	420.214	1745.022	1727.013	0.504	1726.509	A[35]
A	10	463.733	1699.504	1691.495	0.504	1690.991	A[34]
F	11	512.259	1663.985	1655.976	0.504	1655.472	F[33]
A	12	547.777	1615.459	1607.450	0.504	1606.946	A[32]
F	13	586.304	1579.940	1571.931	0.504	1571.427	F[31]
V	14	645.838	1538.424	1530.415	0.504	1529.911	V[30]
E	15	710.359	1488.880	1473.870	0.504	1473.367	E[29]
K	16	774.407	1417.359	1409.349	1409.853	1408.848	K[28]
T	17	824.911	1353.311	1345.302	1345.806	1344.799	T[27]
F	18	873.457	1302.787	1294.778	1295.282	1294.274	F[26]
V	19	922.994	1254.261	1246.251	1246.755	1245.748	V[25]
K	20	987.039	1193.241	1196.717	1197.221	1196.214	K[24]
K	21	1051.086	1140.679	1132.670	1133.174	1132.166	K[23]
K	22	1115.134	1076.632	1068.622	1069.126	1068.118	K[22]
A	23	1150.652	1012.584	1004.575	1005.079	1004.071	A[21]
K	24	1214.700	977.066	969.056	969.560	968.553	K[20]
K	25	1278.711	913.018	905.009	905.513	904.505	K[19]
T	26	1320.271	845.911	840.961	841.465	840.457	T[18]
G	27	1357.782	798.447	790.437	790.941	789.934	G[17]
A	28	1393.300	769.936	761.927	762.431	761.423	A[16]
A	29	1428.819	734.419	726.408	726.912	725.904	A[15]
A	30	1454.237	698.899	690.890	691.394	690.386	A[14]
C	31	1492.888	663.380	655.371	655.875	654.867	C[13]
K	32	1556.896	634.870	626.860	627.364	626.356	K[12]
R	33	1634.946	670.823	662.813	663.317	662.309	R[11]
K	34	1698.994	632.772	624.762	625.266	624.258	K[10]
A	35	1734.512	428.724	420.715	421.219	420.211	A[9]
S	36	1778.628	393.206	385.197	385.700	384.692	S[8]
G	37	1830.539	349.689	341.680	342.184	341.176	G[7]
F	38	1855.065	321.179	313.170	313.673	312.666	F[6]
F	39	1903.592	272.652	264.643	265.147	264.139	F[5]
V	40	1953.126	234.129	218.117	218.621	217.613	V[4]
S	41	1996.642	174.592	166.583	167.086	166.078	S[3]
E	42	2061.613	133.076	125.067	125.570	124.562	E[2]
L	43	2117.705	66.555	58.545	59.049	58.041	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.25
- ▶ F104930.dat
- ▶ query=q4402_p1
- ▶ precursor=706.739730
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	60.697	1412.467	1407.128	0.672	1406.792	S 43
S 2	62.111	1369.453	1364.114	0.672	1363.737	S 42
T 3	126.594	1320.430	1321.099	0.672	1320.763	T 41
A 4	150.073	1292.758	1287.417	0.672	1287.081	A 40
F 5	162.424	1269.077	1263.738	0.672	1263.402	F 39
A 6	206.103	1236.720	1231.387	0.672	1231.051	A 38
A 7	229.782	1211.041	1207.708	0.672	1207.372	A 37
P 8	262.133	1189.560	1184.225	0.672	1183.890	P 36
A 9	285.812	1157.017	1151.678	0.672	1151.342	A 35
A 10	309.491	1133.338	1127.999	0.672	1127.663	A 34
P 11	341.842	1109.659	1104.320	0.672	1103.984	P 33
A 12	365.521	1077.308	1071.969	0.672	1071.633	A 32
P 13	387.872	1051.620	1046.290	0.672	1047.954	P 31
V 14	430.694	1021.370	1015.639	0.672	1015.660	V 30
E 15	473.009	988.250	982.916	0.672	982.580	E 29
K 16	516.607	945.241	939.902	940.238	939.566	K 28
T 17	550.290	902.547	897.204	897.539	896.869	T 27
P 18	582.640	868.861	863.521	863.857	863.189	P 26
V 19	615.663	836.510	831.170	831.506	830.834	V 25
K 20	658.302	793.467	788.147	788.483	787.811	K 24
K 21	701.090	760.789	755.449	755.785	755.113	K 23
K 22	743.758	718.090	712.751	713.087	712.415	K 22
A 23	767.437	675.392	670.052	670.388	669.716	A 21
K 24	810.136	651.713	646.373	646.709	646.037	K 20
K 25	852.824	609.015	603.675	604.011	603.339	K 19
T 26	896.516	566.310	560.977	561.313	560.641	T 18
G 27	905.524	533.634	527.294	527.630	526.958	G 17
A 28	929.203	513.626	508.287	508.623	507.951	A 16
A 29	952.882	469.947	464.608	464.944	464.272	A 15
A 30	976.561	466.260	460.920	461.255	460.591	A 14
G 31	985.568	442.580	437.250	437.586	436.914	G 13
K 32	1038.266	423.587	418.243	418.579	417.907	K 22
R 33	1090.300	380.884	375.544	375.880	375.208	R 11
K 34	1132.998	328.850	323.511	323.847	323.175	K 10
A 35	1156.677	286.157	280.812	281.148	280.476	A 0
S 36	1185.688	262.473	257.133	257.469	256.797	S 8
G 37	1204.695	231.462	226.123	226.459	225.787	G 7
P 38	1237.046	214.451	209.115	209.451	208.779	P 6
P 39	1269.397	182.104	176.765	177.100	176.425	P 5
V 40	1302.420	149.753	144.414	144.750	144.078	V 4
S 41	1331.430	116.730	111.391	111.727	111.055	S 3
E 42	1374.445	87.720	82.380	82.716	82.044	E 2
L 43	1412.139	44.705	39.366	39.702	39.030	L 1

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=64.25
- ▶ F104930.dat
- ▶ query=q4402.p1
- ▶ precursor=706.739730
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	97.525	1059.602	1055.598	0.755	1055.346	S[43]
E[2]	69.785	1027.342	1023.337	0.755	1023.085	E[42]
T[3]	95.047	995.081	991.076	0.755	990.824	T[41]
A[4]	112.806	969.819	965.814	0.755	965.562	A[40]
P[5]	137.070	952.060	948.055	0.755	947.803	P[39]
A[6]	154.826	927.797	923.792	0.755	923.540	A[38]
A[7]	172.588	910.037	906.033	0.755	905.781	A[37]
P[8]	198.851	892.278	888.273	0.755	888.021	P[36]
A[9]	214.611	868.015	864.010	0.755	863.758	A[35]
A[10]	232.370	850.256	846.251	0.755	845.999	A[34]
P[11]	258.633	832.496	828.492	0.755	828.240	P[33]
A[12]	274.392	808.233	804.228	0.755	803.976	A[32]
P[13]	298.656	790.474	786.469	0.755	786.217	P[31]
V[14]	323.423	762.211	762.206	0.755	761.954	V[30]
E[15]	355.683	741.444	737.439	0.755	737.187	E[29]
K[16]	387.707	709.183	705.178	0.755	704.926	K[28]
T[17]	412.969	677.159	673.154	0.755	672.903	T[27]
P[18]	437.232	651.897	647.893	0.755	647.641	P[26]
V[19]	461.999	627.634	623.629	0.755	623.377	V[25]
K[20]	494.223	602.899	598.894	0.755	598.642	K[24]
K[21]	526.047	570.843	566.838	0.755	566.586	K[23]
K[22]	558.070	538.819	534.815	0.755	534.563	K[22]
A[23]	575.830	506.796	502.791	0.755	502.539	A[21]
K[24]	607.854	489.036	485.032	0.755	484.780	K[20]
K[25]	639.877	457.013	453.008	0.755	452.756	K[19]
T[26]	665.139	424.989	420.984	0.755	420.732	T[18]
G[27]	679.895	399.727	395.723	0.755	395.471	G[17]
A[28]	697.154	385.472	381.467	0.755	381.215	A[16]
A[29]	714.913	367.712	363.708	0.755	363.456	A[15]
A[30]	732.672	349.953	345.948	0.755	345.696	A[14]
G[31]	746.928	332.194	328.189	0.755	327.937	G[13]
K[32]	778.951	317.938	313.934	0.755	313.682	K[12]
K[33]	817.977	285.915	281.910	0.755	281.658	K[11]
G[34]	850.911	246.889	242.885	0.755	242.633	G[10]
A[36]	867.790	214.865	210.861	0.755	210.609	A[9]
S[36]	889.518	197.106	193.102	0.755	192.850	S[0]
G[37]	903.773	175.348	171.344	0.755	171.092	G[7]
P[38]	928.036	161.093	157.089	0.755	156.836	P[6]
P[39]	952.308	136.830	132.825	0.755	132.573	P[5]
V[40]	977.067	112.567	108.562	0.755	108.310	V[4]
S[41]	998.325	87.800	83.795	0.755	83.543	S[1]
E[42]	1031.085	66.042	62.037	0.755	61.785	E[2]
L[43]	1059.356	33.781	29.776	0.755	29.524	L[1]

sp | P43277 | H13_MOUSE

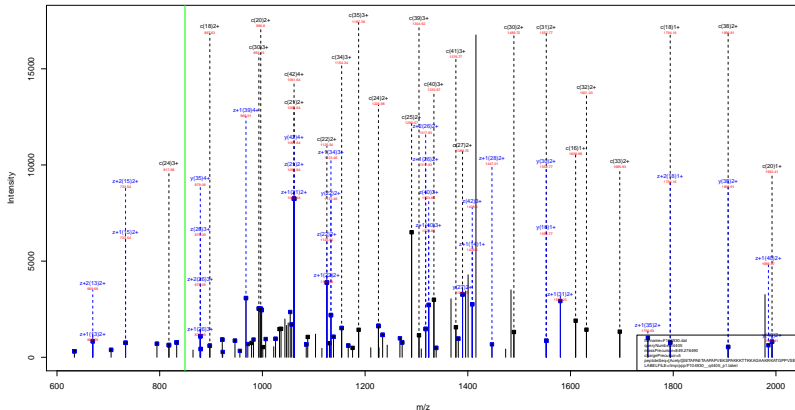
[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=64.25
- ▶ F104930.dat
- ▶ query=q4402_p1
- ▶ precursor=706.739730
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	847.883	844.600	0.806	844.478	S[43]
E[2]	56.030	822.075	818.871	0.806	818.669	E[42]
Y[3]	76.239	796.266	793.063	0.806	792.861	Y[41]
A[4]	90.447	776.051	772.853	0.806	772.651	A[40]
P[5]	109.857	761.849	758.646	0.806	758.444	P[39]
A[6]	124.065	742.439	739.235	0.806	739.033	A[38]
A[7]	138.272	728.231	725.028	0.806	724.826	A[37]
P[8]	157.683	714.024	710.820	0.806	710.619	P[36]
A[9]	171.890	694.613	691.410	0.806	691.208	A[35]
A[10]	186.097	680.406	677.202	0.806	677.001	A[34]
P[11]	203.308	666.199	662.995	0.806	662.793	P[33]
A[12]	219.715	646.789	643.584	0.806	643.383	A[32]
P[13]	239.126	632.581	629.377	0.806	629.175	P[31]
V[14]	258.940	613.170	609.966	0.806	609.765	V[30]
E[15]	284.748	593.356	590.153	0.806	589.951	E[29]
K[16]	310.367	567.948	564.744	564.546	564.342	K[28]
T[17]	330.577	541.929	538.725	538.927	538.523	T[27]
P[18]	349.987	521.719	518.516	518.717	518.314	P[26]
V[19]	369.801	502.309	499.105	499.307	498.903	V[25]
K[20]	395.420	482.895	479.291	479.493	479.090	K[24]
K[21]	421.839	456.876	453.672	453.874	453.471	K[23]
K[22]	448.058	431.257	428.053	428.254	427.852	K[22]
A[23]	460.365	405.638	402.434	402.636	402.233	A[21]
K[24]	486.484	391.431	388.227	388.428	388.025	K[20]
K[25]	512.103	365.812	362.608	362.809	362.406	K[19]
T[26]	532.313	340.193	336.989	337.190	336.787	T[18]
G[27]	543.717	319.983	316.779	316.981	316.578	G[17]
A[28]	557.925	308.579	305.375	305.577	305.173	A[16]
A[29]	572.132	294.371	291.168	291.369	290.966	A[15]
A[30]	586.339	280.164	276.960	277.162	276.759	A[14]
G[31]	597.744	265.957	262.753	262.954	262.551	G[13]
K[32]	623.363	254.552	251.348	251.550	251.147	K[12]
R[13]	654.583	228.931	225.730	225.931	225.528	R[11]
K[34]	680.202	197.713	194.509	194.711	194.308	K[10]
A[35]	694.409	172.094	168.890	169.092	168.689	A[9]
S[36]	711.816	157.887	154.683	154.884	154.481	S[8]
G[37]	723.220	140.480	137.276	137.478	137.075	G[7]
P[38]	742.631	129.076	125.872	126.074	125.671	P[6]
P[39]	762.041	109.665	106.462	106.663	106.260	P[5]
V[40]	781.855	90.255	87.051	87.253	86.849	V[4]
S[41]	799.261	70.841	67.237	67.439	67.036	S[3]
E[42]	825.070	53.035	49.831	50.033	49.629	E[2]
L[43]	847.687	37.226	34.022	34.224	33.821	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKTTTKAGAAKRKATGPPVSEL



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.81
- ▶ F104930.dat
- ▶ query=q4405_p1
- ▶ precursor=849.276490
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4242.946	4226.537	0.000	4225.319	S[42]
E	2	276.119	4113.303	4097.284	0.000	4096.270	E[41]
L	3	377.167	3984.260	3968.242	0.000	3967.234	L[40]
A	4	449.204	3863.211	3847.194	0.000	3846.184	A[39]
P	5	545.257	3812.170	3796.157	0.000	3795.149	P[38]
A	6	616.294	3715.123	3699.104	0.000	3698.096	A[37]
E	7	745.336	3644.088	3628.067	0.000	3627.059	E[36]
T	8	846.384	3515.043	3499.024	0.000	3498.017	T[35]
A	9	917.421	3413.995	3397.977	0.000	3396.969	A[34]
A	10	988.458	3342.958	3326.940	0.000	3325.932	A[33]
P	11	1085.511	3271.921	3255.903	0.000	3254.895	P[32]
A	12	1156.548	3174.868	3158.850	0.000	3157.842	A[31]
P	13	1253.601	3103.831	3087.813	0.000	3086.805	P[30]
V	14	1352.669	3006.779	2990.760	0.000	2989.752	V[29]
E	15	1451.722	2907.710	2891.691	0.000	2890.684	E[28]
R	16	1609.807	2778.666	2762.649	0.000	2761.641	R[27]
S	17	1698.839	2690.573	2674.554	20.35	2673.546	S[26]
P	18	1793.892	2563.541	2547.522	2548.530	2546.514	P[25]
A	19	1864.929	2466.488	2450.469	2451.477	2449.461	A[24]
R	20	1993.024	2395.451	2379.432	2380.440	2378.424	R[23]
R	21	2121.119	2287.366	2271.347	2282.345	2280.329	R[22]
R	22	2269.214	2139.291	2123.272	2124.280	2122.264	R[21]
T	23	2350.261	2011.166	1995.147	1996.155	1994.139	T[20]
T	24	2451.309	1910.118	1894.099	1895.107	1893.092	T[19]
R	25	2579.404	1809.070	1793.052	1794.060	1792.044	R[18]
R	26	2707.499	1688.070	1664.057	1665.065	1663.049	R[17]
A	27	2778.536	1552.861	1536.842	1537.870	1535.854	A[16]
G	28	2835.557	1441.841	1425.826	1426.833	1424.817	G[15]
A	29	2906.595	1424.822	1408.803	1409.811	1407.795	A[14]
A	30	2977.632	1383.785	1337.766	1338.774	1336.758	A[13]
R	31	3105.727	1282.748	1266.729	1267.737	1265.721	R[12]
R	32	3261.828	1154.653	1138.634	1139.642	1137.626	R[11]
R	33	3389.923	998.552	982.533	983.541	981.525	R[10]
A	34	3460.960	870.457	854.438	855.446	853.430	A[9]
T	35	3562.008	799.420	783.401	784.409	782.393	T[8]
G	36	3616.029	698.372	682.353	683.361	681.345	G[7]
P	37	3718.082	641.350	625.332	626.340	624.324	P[6]
P	38	3813.135	544.296	528.279	529.287	527.271	P[5]
V	39	3912.203	447.245	431.228	432.234	430.218	V[4]
S	40	3999.235	348.177	332.158	333.166	331.150	S[3]
E	41	4128.278	261.144	245.126	246.134	244.118	E[2]
L	42	4241.302	132.100	116.083	117.091	115.075	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=85.81
- ▶ F104930.dat
- ▶ query=q4405_p1
- ▶ precursor=849.276490
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2121.676	2113.667	0.504	2113.163	S(42)
E	2	138.563	2057.155	2049.146	0.504	2048.642	E(41)
T	3	189.087	1992.634	1984.624	0.504	1984.121	T(40)
A	4	224.206	1824.110	1816.101	0.504	1815.596	A(39)
P	5	293.135	1906.591	1898.582	0.504	1898.076	P(38)
A	6	358.650	1858.065	1850.056	0.504	1849.552	A(37)
E	7	373.172	1822.547	1814.537	0.504	1814.033	E(36)
T	8	423.696	1758.025	1750.016	0.504	1749.512	T(35)
A	9	459.214	1707.501	1699.492	0.504	1698.988	A(34)
A	10	494.733	1671.983	1663.973	0.504	1663.470	A(33)
P	11	543.259	1636.464	1628.455	0.504	1627.951	P(32)
A	12	578.778	1587.938	1579.929	0.504	1579.425	A(31)
P	13	627.304	1552.419	1544.410	0.504	1543.906	P(30)
V	14	676.830	1503.893	1495.884	0.504	1495.380	V(29)
E	15	741.360	1434.369	1446.349	0.504	1445.845	E(28)
T	16	805.887	1389.837	1381.828	1383.312	1381.324	T(27)
S	17	848.423	1325.300	1317.781	1318.285	1317.277	S(26)
P	18	897.449	1282.274	1274.265	1274.768	1273.761	P(25)
A	19	932.968	1233.748	1225.738	1226.242	1225.234	A(24)
K	20	997.015	1198.229	1190.220	1190.724	1189.717	K(23)
K	21	1061.063	1134.182	1126.172	1126.676	1125.668	K(22)
K	22	1125.110	1070.134	1062.125	1062.629	1061.621	K(21)
T	23	1175.514	1006.087	998.077	998.581	997.573	T(20)
T	24	1226.158	955.563	947.553	948.057	947.049	T(19)
K	25	1290.206	905.019	897.030	897.533	896.526	K(18)
K	26	1354.253	840.991	832.982	833.486	832.478	K(17)
A	27	1389.772	776.944	768.935	769.438	768.431	A(16)
G	28	1448.282	741.425	733.416	733.920	732.912	G(15)
A	29	1453.801	712.915	704.905	705.409	704.401	A(14)
A	30	1489.319	677.396	669.387	669.891	668.883	A(13)
K	31	1553.367	641.879	633.868	634.372	633.364	K(12)
K	32	1631.418	677.830	669.821	670.325	669.317	K(11)
K	33	1695.465	609.779	601.770	602.274	601.266	K(10)
A	34	1730.984	435.732	427.723	428.227	427.219	A(9)
T	35	1781.507	400.213	392.204	392.708	391.700	T(8)
G	36	1816.018	349.690	341.680	342.184	341.176	G(7)
P	37	1868.545	321.179	313.170	313.673	312.666	P(6)
P	38	1907.071	272.652	264.643	265.147	264.139	P(5)
V	39	1959.602	224.120	216.111	216.615	215.607	V(4)
S	40	2000.121	174.592	166.583	167.086	166.078	S(3)
E	41	2064.642	131.076	123.067	123.570	122.562	E(2)
L	42	2121.184	66.555	58.545	59.049	58.041	L(1)

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=85.81
- ▶ F104930.dat
- ▶ query=q4405_p1
- ▶ precursor=849.276490
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1414.767	1409.447	0.672	1409.111	E[42]
E	2	92.711	1371.773	1366.433	0.672	1366.097	E[41]
T	3	126.394	1328.756	1323.419	0.672	1323.083	T[40]
A	4	159.073	1285.770	1280.430	0.672	1280.093	A[39]
F	5	192.424	1271.397	1266.057	0.672	1265.721	F[38]
A	6	206.103	1239.048	1233.706	0.672	1233.370	A[37]
E	7	269.117	1215.367	1210.027	0.672	1209.691	E[36]
T	8	282.800	1172.353	1167.013	0.672	1166.677	T[35]
A	9	306.470	1138.670	1133.330	0.672	1132.994	A[34]
A	10	330.158	1114.991	1109.651	0.672	1109.315	A[33]
P	11	362.508	1091.312	1085.972	0.672	1085.636	P[32]
A	12	386.188	1058.961	1053.621	0.672	1053.285	A[31]
F	13	418.538	1035.262	1029.942	0.672	1029.606	F[30]
V	14	451.561	1002.931	997.591	0.672	997.256	V[29]
E	15	484.275	969.303	964.963	0.672	964.227	E[28]
R	16	517.274	936.894	921.554	921.890	921.219	R[27]
S	17	566.284	884.195	878.856	879.192	878.520	S[26]
P	18	598.635	855.185	849.845	850.181	849.510	P[25]
A	19	622.314	822.834	817.495	817.831	817.150	A[24]
K	20	665.013	799.155	793.816	794.151	793.480	K[23]
K	21	707.711	766.457	761.117	761.453	760.781	K[22]
K	22	750.409	733.754	728.419	728.755	728.081	K[21]
T	23	784.092	671.060	665.721	666.057	665.385	T[20]
T	24	817.774	637.378	632.038	632.374	631.702	T[19]
K	25	860.473	603.695	598.355	598.691	598.019	K[18]
K	26	903.171	569.997	565.657	565.993	565.321	K[17]
A	27	945.869	536.298	531.959	532.295	531.623	A[16]
C	28	945.857	494.817	489.480	489.816	489.144	C[15]
A	29	989.536	475.612	470.273	470.609	469.937	A[14]
A	30	993.215	451.933	446.594	446.930	446.258	A[13]
K	31	1035.914	428.254	422.915	423.250	422.578	K[12]
R	32	1067.947	385.550	380.210	380.552	379.880	R[11]
K	33	1130.646	333.522	328.183	328.518	327.847	K[10]
A	34	1154.325	290.824	285.484	285.820	285.149	A[9]
T	35	1188.007	267.145	261.805	262.141	261.469	T[8]
G	36	1207.015	233.462	228.123	228.459	227.787	G[7]
P	37	1239.305	214.455	209.115	209.451	208.779	P[6]
P	38	1271.716	182.104	176.765	177.100	176.429	P[5]
V	39	1304.739	149.753	144.414	144.750	144.078	V[4]
S	40	1333.750	116.783	111.443	111.777	111.095	S[3]
E	41	1376.764	87.220	82.380	82.716	82.044	E[2]
L	42	1414.459	44.705	39.366	39.702	39.030	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=85.81
- ▶ F104930.dat
- ▶ query=q4405_p1
- ▶ precursor=849.276490
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	37.525	1061.342	1057.337	0.755	1057.085	S[42]
E	2	69.785	1029.861	1025.077	0.755	1024.825	E[41]
T	3	95.047	996.821	992.816	0.755	992.564	T[40]
A	4	112.506	971.559	967.554	0.755	967.302	A[39]
P	5	137.070	953.799	949.795	0.755	949.543	P[38]
A	6	154.829	929.539	925.531	0.755	925.280	A[37]
E	7	187.090	913.777	907.772	0.755	907.520	E[36]
T	8	212.351	879.516	875.512	0.755	875.260	T[35]
A	9	230.111	854.258	850.250	0.755	849.999	A[34]
A	10	247.870	839.495	832.490	0.755	832.239	A[33]
P	11	272.133	818.736	814.731	0.755	814.479	P[32]
A	12	289.892	794.473	790.468	0.755	790.216	A[31]
P	13	314.156	778.713	772.709	0.755	772.457	P[30]
V	14	338.923	752.450	748.445	0.755	748.193	V[29]
E	15	371.183	727.683	723.678	0.755	723.426	E[28]
R	16	403.207	699.422	693.418	691.670	691.166	R[27]
S	17	424.965	663.359	659.394	659.646	659.142	S[26]
P	18	449.228	641.641	637.636	637.888	637.384	P[25]
A	19	466.988	617.377	613.373	613.625	613.121	A[24]
K	20	499.011	599.618	595.613	595.905	595.362	K[23]
K	21	531.035	567.399	563.590	563.842	563.338	K[22]
K	22	563.059	539.571	533.566	531.818	531.314	K[21]
T	23	588.321	503.547	499.542	499.794	499.290	T[20]
T	24	613.583	478.285	474.280	474.532	474.028	T[19]
K	25	645.606	453.023	449.018	449.270	448.766	K[18]
K	26	677.630	429.990	426.990	426.995	427.247	K[17]
A	27	695.389	388.976	384.971	385.223	384.719	A[16]
T	28	709.845	371.218	367.212	367.464	366.960	T[15]
A	29	727.404	356.961	352.956	353.208	352.704	A[14]
K	30	745.103	339.202	335.197	335.449	334.945	K[13]
R	31	777.167	321.442	317.438	317.690	317.186	R[12]
R	32	816.212	289.410	285.414	285.666	285.162	R[11]
K	33	848.236	250.393	246.389	246.641	246.137	K[10]
A	34	885.995	218.370	214.365	214.617	214.113	A[9]
T	35	891.257	200.610	196.606	196.858	196.354	T[9]
G	36	905.513	175.348	171.344	171.596	171.092	G[7]
P	37	929.776	161.093	157.088	157.340	156.836	P[6]
P	38	954.039	136.830	132.825	133.077	132.573	P[5]
V	39	978.806	112.507	108.502	108.814	108.310	V[4]
S	40	1005.564	87.800	83.795	84.047	83.543	S[3]
E	41	1032.825	66.943	62.937	63.289	62.785	E[2]
L	42	1061.096	33.781	29.776	30.028	29.524	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.84
- ▶ F104930.dat
- ▶ query=q4407_p1
- ▶ precursor=707.898920
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S	147.079	4342.346	4226.327	0.000	4225.319	S[42]
E	276.119	4113.303	4097.284	0.000	4096.270	E[41]
L	377.167	3894.260	3968.242	0.000	3967.234	L[40]
A	449.204	3683.213	3661.194	0.000	3660.186	A[39]
P	545.257	3512.170	3490.157	0.000	3489.149	P[38]
A	616.294	3715.123	3699.104	0.000	3698.096	A[37]
E	745.336	3644.086	3628.067	0.000	3627.059	E[36]
Y	846.384	3515.043	3499.024	0.000	3498.017	Y[35]
A	917.421	3413.995	3397.977	0.000	3396.969	A[34]
A	988.458	3342.958	3328.940	0.000	3327.932	A[33]
P	1085.511	3271.921	3255.903	0.000	3254.895	P[32]
A	1156.548	3174.868	3158.850	0.000	3157.842	A[31]
P	1253.601	3103.831	3087.813	0.000	3086.805	P[30]
V	1352.669	3036.779	2999.760	0.000	2998.752	V[29]
E	1451.722	2967.740	2891.691	0.000	2890.684	E[28]
R	1609.807	2778.668	2762.649	2763.657	2761.641	R[27]
S	1698.839	2650.573	2634.554	2635.562	2633.546	S[26]
P	1793.892	2563.541	2547.522	2548.530	2546.514	P[25]
A	1864.929	2466.498	2450.469	2451.477	2449.461	A[24]
K	1993.024	2395.451	2379.432	2380.440	2378.424	K[23]
K	2121.119	2297.398	2281.379	2282.386	2280.370	K[22]
K	2269.214	2139.351	2123.342	2124.350	2122.344	K[21]
T	2350.261	2011.166	1995.147	1996.155	1994.139	T[20]
T	2451.309	1910.118	1894.099	1895.107	1893.092	T[19]
K	2579.404	1809.070	1793.052	1794.060	1792.044	K[18]
K	2707.499	1680.976	1664.957	1665.965	1663.949	K[17]
K	2778.536	1532.881	1516.862	1517.870	1515.854	K[16]
G	2838.557	1493.843	1485.825	1486.833	1484.817	G[15]
A	2906.595	1424.822	1408.803	1409.811	1407.795	A[14]
A	2977.632	1353.785	1337.766	1338.774	1336.758	A[13]
K	3105.727	1292.748	1266.729	1267.737	1265.721	K[12]
R	3261.826	1154.653	1138.634	1139.642	1137.626	R[11]
R	3369.823	998.552	982.533	983.541	981.525	R[10]
A	3460.969	929.529	854.438	855.446	853.430	A[9]
T	3562.008	799.420	783.401	784.409	782.393	T[8]
G	3616.029	698.372	682.353	683.361	681.345	G[7]
P	3718.082	641.350	625.332	626.340	624.324	P[6]
P	3813.135	544.298	528.279	529.287	527.271	P[5]
V	3912.202	447.246	431.226	432.234	430.218	V[4]
S	3999.235	348.177	332.158	333.166	331.150	S[3]
E	4128.278	261.144	245.126	246.134	244.118	E[2]
L	4241.302	132.022	116.003	117.011	115.975	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.84
- ▶ F104930.dat
- ▶ query=q4407_p1
- ▶ precursor=707.898920
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2121.676	2113.667	0.504	2113.163	S(42)
E	2	138.563	2057.155	2049.146	0.504	2048.642	E(41)
T	3	189.087	1992.634	1984.624	0.504	1984.121	T(40)
A	4	224.206	1928.113	1920.103	0.504	1919.599	A(39)
P	5	293.135	1906.591	1898.582	0.504	1898.078	P(38)
A	6	308.650	1858.065	1850.056	0.504	1849.552	A(37)
E	7	373.172	1822.547	1814.537	0.504	1814.033	E(36)
T	8	423.696	1758.025	1750.016	0.504	1749.512	T(35)
A	9	459.214	1707.501	1699.492	0.504	1698.988	A(34)
A	10	494.733	1671.983	1663.973	0.504	1663.470	A(33)
P	11	543.259	1608.464	1600.455	0.504	1602.951	P(32)
A	12	578.778	1587.938	1579.929	0.504	1579.425	A(31)
P	13	607.304	1552.419	1544.410	0.504	1543.906	P(30)
V	14	676.830	1503.893	1495.884	0.504	1495.380	V(29)
E	15	741.269	1454.367	1446.358	0.504	1445.854	E(28)
T	16	805.407	1389.837	1381.828	1383.332	1383.332	T(27)
S	17	848.923	1325.360	1317.781	1318.285	1317.277	S(26)
P	18	897.449	1282.274	1274.265	1274.768	1273.761	P(25)
A	19	932.968	1233.748	1225.738	1226.242	1225.234	A(24)
K	20	997.015	1188.220	1180.210	1180.724	1180.716	K(23)
K	21	1067.063	1134.182	1126.172	1126.676	1125.668	K(22)
K	22	1125.110	1070.134	1062.125	1062.629	1061.621	K(21)
T	23	1175.634	1006.087	998.077	998.581	997.573	T(20)
T	24	1226.158	955.563	947.553	948.057	947.049	T(19)
K	25	1290.206	905.039	897.030	897.533	896.526	K(18)
K	26	1354.253	840.991	832.982	833.486	832.478	K(17)
A	27	1389.772	776.944	768.935	769.438	768.431	A(16)
G	28	1438.292	741.425	733.416	733.920	732.912	G(15)
A	29	1453.801	712.915	704.905	705.409	704.401	A(14)
A	30	1489.319	677.396	669.387	669.891	668.883	A(13)
K	31	1553.367	641.876	633.868	634.372	633.364	K(12)
K	32	1623.416	677.890	669.821	670.325	669.317	K(11)
K	33	1663.453	609.770	601.760	602.274	601.266	K(10)
A	34	1730.984	435.752	427.743	428.227	427.219	A(9)
T	35	1781.507	400.213	392.204	392.708	391.700	T(8)
G	36	1818.018	349.690	341.680	342.184	341.176	G(7)
P	37	1888.545	231.179	223.170	223.673	222.666	P(6)
P	38	1907.071	272.862	264.853	265.357	264.350	P(5)
V	39	1958.602	224.120	216.111	216.621	215.612	V(4)
S	40	2000.121	174.592	166.583	167.086	166.079	S(3)
E	41	2064.642	131.076	123.067	123.570	122.563	E(2)
L	42	2121.184	66.555	58.545	59.049	58.041	L(1)

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=35.84
- ▶ F104930.dat
- ▶ query=q4407_p1
- ▶ precursor=707.898920
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1414.767	1409.447	0.672	1409.111	S 42
E 2	92.711	1371.773	1366.433	0.672	1366.097	E 41
T 3	126.394	1226.767	1221.070	0.672	1220.734	T 40
A 4	150.974	1295.076	1289.736	0.672	1289.400	A 39
P 5	182.424	1271.397	1266.057	0.672	1265.721	P 38
A 6	206.103	1239.048	1233.706	0.672	1233.370	A 37
E 7	269.117	1215.367	1210.027	0.672	1209.691	E 36
T 8	282.800	1172.353	1167.013	0.672	1166.677	T 35
A 9	306.470	1138.670	1133.330	0.672	1132.994	A 34
A 10	330.158	1114.991	1109.651	0.672	1109.315	A 33
P 11	352.508	1091.312	1085.972	0.672	1085.636	P 32
A 12	386.188	1058.961	1053.621	0.672	1053.285	A 31
P 13	418.538	1035.282	1029.942	0.672	1029.606	P 30
V 14	451.561	1002.931	997.591	0.672	997.256	V 29
E 15	484.575	969.508	964.168	0.672	963.832	E 28
R 16	517.274	926.894	921.554	921.890	921.310	R 27
S 17	566.284	884.190	878.856	879.192	878.520	S 26
P 18	598.635	855.185	849.845	850.181	849.510	P 25
A 19	622.314	822.834	817.495	817.831	817.159	A 24
K 20	665.013	799.155	793.816	794.151	793.480	K 23
K 21	707.741	766.457	751.117	751.453	750.781	K 22
K 22	750.469	733.751	728.410	728.746	728.380	K 21
T 23	784.092	671.060	665.721	666.057	665.385	T 20
T 24	817.774	637.378	632.038	632.374	631.702	T 19
K 25	860.473	603.699	598.359	598.691	598.019	K 18
K 26	903.171	560.997	555.657	555.993	555.321	K 17
A 27	926.850	518.206	512.959	513.295	512.623	A 16
G 28	945.857	484.817	479.580	479.916	479.244	G 15
A 29	989.536	475.612	470.273	470.609	469.937	A 14
A 30	993.215	451.933	446.594	446.930	446.258	A 13
K 31	1035.914	428.254	422.915	423.250	422.578	K 12
R 32	1087.947	385.550	380.210	380.552	379.880	R 11
K 33	1130.646	343.522	338.183	338.518	337.844	K 10
A 34	1154.325	290.824	285.484	285.820	285.148	A 9
T 35	1188.097	267.145	261.805	262.141	261.469	T 8
G 36	1207.015	233.462	228.123	228.459	227.787	G 7
P 37	1239.305	214.455	209.115	209.451	208.779	P 6
P 38	1271.716	182.104	176.765	177.100	176.429	P 5
V 39	1304.739	149.753	144.414	144.750	144.078	V 4
S 40	1333.262	116.738	111.399	111.737	111.065	S 3
E 41	1376.764	87.220	82.380	82.716	82.044	E 2
L 42	1414.459	44.705	39.366	39.702	39.030	L 1

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=35.84
- ▶ F104930.dat
- ▶ query=q4407_p1
- ▶ precursor=707.898920
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1061.342	1057.337	0.755	1057.085	S[42]
E	2	69.785	1029.081	1025.077	0.755	1024.825	E[41]
T	3	95.047	996.821	992.816	0.755	992.564	T[40]
A	4	112.808	971.561	967.554	0.755	967.302	A[39]
F	5	137.070	951.799	949.795	0.755	949.543	F[38]
A	6	154.829	929.538	925.531	0.755	925.280	A[37]
E	7	187.090	911.777	907.772	0.755	907.520	E[36]
T	8	212.351	879.516	875.512	0.755	875.260	T[35]
A	9	239.111	854.255	850.250	0.755	849.999	A[34]
A	10	267.870	836.495	832.490	0.755	832.238	A[33]
P	11	292.133	818.736	814.731	0.755	814.479	P[32]
A	12	299.892	794.473	790.468	0.755	790.216	A[31]
F	13	314.156	776.713	772.709	0.755	772.457	F[30]
V	14	338.923	752.450	748.445	0.755	748.193	V[29]
E	15	371.183	727.883	723.878	0.755	723.626	E[28]
R	16	403.207	699.421	695.416	0.755	695.164	R[27]
S	17	424.965	681.359	659.394	659.646	659.142	S[26]
P	18	449.228	641.641	637.636	637.888	637.384	P[25]
A	19	466.988	617.377	613.373	613.625	613.123	A[24]
K	20	499.011	599.618	595.613	595.865	595.362	K[23]
K	21	531.035	587.394	583.390	583.642	583.139	K[22]
K	22	563.059	579.571	575.566	575.818	575.314	K[21]
T	23	588.321	503.547	499.542	499.794	499.290	T[20]
T	24	613.583	478.285	474.280	474.532	474.028	T[19]
K	25	645.606	453.023	449.018	449.270	448.766	K[18]
K	26	677.630	429.999	425.995	427.247	426.743	K[17]
A	27	695.389	389.976	384.971	385.223	384.719	A[16]
G	28	709.648	371.219	367.212	367.464	366.960	G[15]
A	29	727.404	356.961	352.956	353.208	352.704	A[14]
A	30	745.163	339.202	335.197	335.449	334.945	A[13]
K	31	777.187	321.442	317.436	317.690	317.186	K[12]
R	32	816.212	289.419	285.414	285.666	285.162	R[11]
K	33	848.236	295.393	246.389	246.641	246.137	K[10]
A	34	885.995	219.379	214.369	214.617	214.113	A[9]
T	35	891.257	200.610	196.606	196.858	196.354	T[8]
G	36	905.513	175.348	171.344	171.596	171.092	G[7]
F	37	929.776	161.097	157.088	157.340	156.836	F[6]
P	38	954.039	136.830	132.825	133.077	132.573	P[5]
V	39	973.806	112.567	108.562	108.814	108.310	V[4]
S	40	1000.564	87.800	83.795	84.047	83.543	S[3]
E	41	1032.825	65.042	62.037	62.289	61.785	E[2]
L	42	1061.096	33.781	29.776	30.028	29.524	L[1]

sp | P43276 | H15_MOUSE

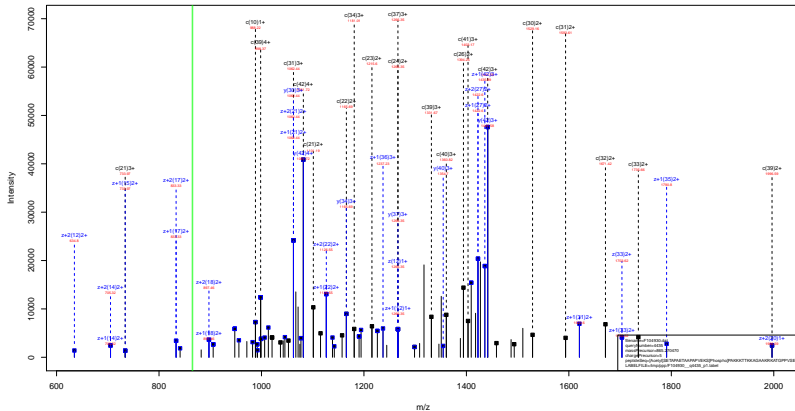
[Acetyl]SETAPAETAAPAPVEKSPAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=35.84
- ▶ F104930.dat
- ▶ query=q4407_p1
- ▶ precursor=707.898920
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	849.275	846.071	0.806	845.870	S[42]
E[2]	56.030	823.466	820.263	0.806	820.061	E[41]
T[3]	76.239	797.858	794.454	0.806	794.253	T[40]
N[4]	87.447	777.548	774.245	0.806	774.243	N[39]
P[5]	109.357	743.241	740.037	0.806	739.836	P[38]
A[6]	124.065	743.830	740.627	0.806	740.425	A[37]
E[7]	149.873	729.623	726.419	0.806	726.218	E[36]
T[8]	170.083	703.814	700.611	0.806	700.409	T[35]
A[9]	184.290	683.605	680.401	0.806	680.200	A[34]
A[10]	198.497	669.397	666.194	0.806	665.992	A[33]
P[11]	217.908	655.190	651.986	0.806	651.785	P[32]
A[12]	232.115	635.780	632.576	0.806	632.374	A[31]
P[13]	251.526	621.572	618.368	0.806	618.167	P[30]
V[14]	271.340	602.162	598.958	0.806	598.756	V[29]
E[15]	297.148	582.346	579.144	0.806	578.943	E[28]
K[16]	322.767	556.539	553.336	583.537	553.134	K[27]
S[17]	340.174	530.920	527.717	527.918	527.515	S[26]
P[18]	359.584	513.514	510.310	510.512	510.109	P[25]
A[19]	373.792	494.103	490.900	491.101	490.698	A[24]
K[20]	399.411	479.696	476.492	476.894	476.491	K[23]
K[21]	425.030	454.277	451.073	451.275	450.872	K[22]
K[22]	450.649	428.658	425.454	425.656	425.253	K[21]
T[23]	470.858	403.039	399.835	400.037	399.634	T[20]
T[24]	491.068	382.829	379.626	379.827	379.424	T[19]
K[25]	518.687	362.620	359.416	359.618	359.215	K[18]
K[26]	542.806	337.001	333.797	333.999	333.596	K[17]
A[27]	556.513	311.382	308.178	308.380	307.977	A[16]
G[28]	567.917	297.175	293.971	294.172	293.769	G[15]
A[29]	582.125	285.770	282.566	282.768	282.365	A[14]
A[30]	596.332	271.563	268.359	268.561	268.157	A[13]
K[31]	621.951	257.355	254.152	254.353	253.950	K[12]
R[32]	653.171	231.736	228.533	228.734	228.331	R[11]
K[33]	678.790	200.516	197.312	197.514	197.111	K[10]
A[34]	692.998	174.897	171.693	171.895	171.492	A[9]
V[35]	713.207	160.690	157.486	157.688	157.284	V[8]
G[36]	724.612	140.480	137.276	137.478	137.075	G[7]
P[37]	744.022	129.076	125.872	126.074	125.671	P[6]
P[38]	763.433	100.665	106.462	106.663	106.260	P[5]
V[39]	783.246	90.255	87.051	87.253	86.849	V[4]
S[40]	800.653	70.441	67.237	67.439	67.036	S[3]
E[41]	826.461	53.035	49.831	50.033	49.629	E[2]
L[42]	849.078	27.226	24.022	24.224	23.821	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL
79.97



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL _{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.43
- ▶ F104930.dat
- ▶ query=q4435_p1
- ▶ precursor=865.270470
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
E	1	147.076	4322.312	4306.293	0.000	4305.285	S[42]
E	2	276.119	4193.269	4177.251	0.000	4176.243	E[41]
T	3	377.187	4064.227	4048.209	0.000	4047.201	T[40]
A	4	445.204	3903.179	3947.160	0.000	3946.153	A[39]
P	5	545.257	3892.142	3876.123	0.000	3875.115	P[38]
A	6	616.294	3795.089	3779.070	0.000	3778.063	A[37]
E	7	745.330	3724.052	3708.033	0.000	3707.026	E[36]
T	8	846.384	3595.009	3579.991	0.000	3577.983	T[35]
A	9	917.421	3493.962	3477.943	0.000	3476.935	A[34]
A	10	988.458	3422.925	3406.906	0.000	3405.898	A[33]
P	11	1085.511	3351.888	3335.869	0.000	3334.861	P[32]
A	12	1156.548	3254.835	3238.816	0.000	3237.808	A[31]
F	13	1253.601	3183.798	3167.779	0.000	3166.771	F[30]
V	14	1352.665	3096.745	3070.726	0.000	3069.718	V[29]
E	15	1461.712	2967.677	2971.658	0.000	2970.650	E[28]
R	16	1609.807	2898.634	2842.615	2843.623	2841.607	R[27]
S	17	1776.895	2730.539	2714.520	2715.528	2713.512	S[26]
P	18	1873.858	2563.541	2547.522	2548.530	2546.514	P[25]
A	19	1944.895	2466.488	2450.469	2451.477	2449.461	A[24]
K	20	2072.990	2395.451	2379.432	2380.440	2378.424	K[23]
K	21	2201.085	2267.396	2251.337	2252.345	2250.329	K[22]
R	22	2329.189	2199.361	2123.241	2124.250	2122.234	R[21]
T	23	2430.226	2071.166	1995.147	1996.155	1994.130	T[20]
T	24	2531.275	1910.118	1894.099	1895.107	1893.092	T[19]
K	25	2659.370	1809.070	1793.051	1794.060	1792.044	K[18]
K	26	2787.465	1680.976	1664.957	1665.965	1663.949	K[17]
A	27	2885.502	1552.881	1536.862	1537.870	1535.854	A[16]
A	28	2915.524	1491.843	1465.824	1466.833	1464.817	A[15]
A	29	2985.581	1424.822	1408.803	1409.811	1407.795	A[14]
A	30	3057.598	1363.795	1337.766	1338.774	1336.758	A[13]
K	31	3185.693	1262.748	1266.729	1267.737	1265.721	K[12]
R	32	3341.794	1154.653	1138.634	1139.642	1137.626	R[11]
K	33	3469.899	998.552	982.533	983.541	981.525	K[10]
A	34	3540.928	876.437	874.430	883.446	883.438	A[9]
T	35	3641.974	799.420	783.401	784.409	782.393	T[8]
G	36	3698.995	698.372	682.353	683.361	681.345	G[7]
P	37	3796.048	641.350	625.332	626.340	624.324	P[6]
F	38	3893.101	544.298	528.279	529.287	527.271	F[5]
V	39	3992.160	447.245	431.226	432.234	430.218	V[4]
S	40	4079.201	368.177	352.158	353.166	351.150	S[3]
E	41	4208.244	283.144	245.126	246.134	244.118	E[2]
L	42	4321.228	132.102	116.083	117.091	115.075	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAR_{79.97}KRATGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=85.43
- ▶ F104930.dat
- ▶ query=q4435_p1
- ▶ precursor=865.270470
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2161.660	2153.650	0.504	2153.140	S(42)
E	2	138.563	2097.138	2089.129	0.504	2088.625	E(41)
T	3	189.087	2032.617	2024.608	0.504	2024.104	T(40)
A	4	224.206	1968.093	1974.084	0.504	1973.580	A(39)
P	5	293.133	1946.579	1938.569	0.504	1938.065	P(38)
A	6	358.650	1880.048	1890.039	0.504	1889.535	A(37)
E	7	373.172	1864.530	1854.520	0.504	1854.010	E(36)
T	8	423.696	1798.008	1789.999	0.504	1789.495	T(35)
A	9	459.214	1747.485	1739.475	0.504	1738.971	A(34)
A	10	494.733	1711.966	1703.957	0.504	1703.453	A(33)
P	11	543.259	1676.447	1656.438	0.504	1657.934	P(32)
A	12	578.778	1627.021	1619.912	0.504	1619.408	A(31)
P	13	607.304	1592.402	1584.393	0.504	1583.889	P(30)
V	14	676.830	1543.876	1535.867	0.504	1535.363	V(29)
E	15	741.360	1494.342	1486.333	0.504	1485.829	E(28)
T	16	809.407	1459.821	1421.811	1422.315	1421.307	T(27)
S	17	888.906	1385.773	1357.764	1358.268	1357.260	S(26)
P	18	937.433	1282.274	1274.265	1274.768	1273.761	P(25)
A	19	972.951	1233.748	1225.738	1226.242	1225.234	A(24)
K	20	1036.999	1198.220	1190.220	1190.724	1189.716	K(23)
K	21	1101.956	1134.382	1126.172	1126.676	1125.669	K(22)
K	22	1165.094	1070.134	1062.125	1062.629	1061.621	K(21)
T	23	1215.517	1006.087	998.077	998.581	997.573	T(20)
T	24	1266.141	955.563	947.553	948.057	947.049	T(19)
K	25	1330.189	905.039	897.030	897.533	896.526	K(18)
K	26	1394.236	840.991	832.982	833.486	832.478	K(17)
A	27	1443.855	776.344	768.335	768.838	768.431	A(16)
G	28	1458.266	741.425	733.416	733.920	732.912	G(15)
A	29	1493.784	712.915	704.905	705.409	704.401	A(14)
A	30	1529.303	677.396	669.387	669.891	668.883	A(13)
K	31	1593.350	641.878	633.868	634.372	633.364	K(12)
K	32	1671.401	677.830	669.821	670.325	669.317	K(11)
K	33	1735.448	609.779	601.770	602.274	601.266	K(10)
A	34	1770.967	435.752	427.743	428.247	427.239	A(9)
T	35	1821.491	400.213	392.204	392.708	391.700	T(8)
G	36	1898.001	349.690	341.680	342.184	341.176	G(7)
P	37	1888.526	321.179	313.170	313.673	312.665	P(6)
P	38	1847.064	272.862	264.853	265.357	264.349	P(5)
V	39	1996.588	224.120	216.111	216.615	215.612	V(4)
S	40	2040.104	174.592	166.583	167.086	166.078	S(3)
E	41	2104.626	131.076	123.067	123.570	122.562	E(2)
L	42	2161.168	66.555	58.545	59.049	58.041	L(1)

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho}79.97 PAKKKTTKKAGAAKRKATGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=85.43
- ▶ F104930.dat
- ▶ query=q4435_p1
- ▶ precursor=865.270470
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1441.442	1436.103	0.672	1435.767	S 42
E 2	92.711	1398.429	1393.088	0.672	1392.752	E 41
T 3	126.394	1355.414	1350.074	0.672	1349.738	T 40
A 4	150.073	1312.71	1310.362	0.672	1310.362	A 39
F 5	182.424	1298.052	1292.713	0.672	1292.377	F 38
A 6	206.103	1265.701	1260.362	0.672	1260.026	A 37
E 7	269.117	1242.022	1236.683	0.672	1236.347	E 36
T 8	282.800	1199.000	1193.668	0.672	1193.332	T 35
A 9	306.479	1165.325	1159.986	0.672	1159.650	A 34
A 10	330.158	1141.546	1136.207	0.672	1135.971	A 33
P 11	362.508	1117.967	1112.628	0.672	1112.292	P 32
A 12	386.188	1085.616	1080.277	0.672	1079.941	A 31
F 13	418.538	1061.937	1056.598	0.672	1056.262	F 30
V 14	451.561	1029.580	1024.241	0.672	1023.911	V 29
E 15	484.275	996.364	991.224	0.672	990.888	E 28
R 16	517.274	963.540	948.210	948.546	947.874	R 27
S 17	552.940	910.851	905.512	905.848	905.176	S 26
P 18	625.291	855.185	849.845	850.181	849.510	P 25
A 19	648.970	822.834	817.495	817.831	817.150	A 24
K 20	691.668	799.155	793.816	794.151	793.480	K 23
K 21	734.367	756.457	751.117	751.453	750.781	K 22
K 22	777.689	713.754	708.415	708.750	708.081	K 21
T 23	810.747	671.060	665.721	666.057	665.385	T 20
T 24	844.430	637.378	632.038	632.374	631.702	T 19
K 25	887.126	603.695	598.355	598.691	598.019	K 18
K 26	929.827	560.997	555.657	555.993	555.321	K 17
A 27	953.506	518.206	512.866	513.202	512.622	A 16
G 28	972.513	484.817	479.478	479.814	479.144	G 15
A 29	996.192	475.612	470.273	470.609	469.937	A 14
A 30	1019.871	451.933	446.594	446.930	446.258	A 13
K 31	1062.569	428.254	422.915	423.250	422.579	K 12
R 32	1114.603	385.550	380.210	380.552	379.880	R 11
K 33	1157.301	343.522	338.183	338.518	337.844	K 10
A 34	1189.580	290.824	285.484	285.820	285.144	A 9
T 35	1214.663	267.145	261.805	262.141	261.469	T 8
G 36	1233.670	233.462	228.123	228.459	227.787	G 7
F 37	1266.021	214.455	209.115	209.451	208.779	F 6
P 38	1298.372	182.104	176.765	177.100	176.429	P 5
V 39	1331.395	149.753	144.414	144.750	144.074	V 4
S 40	1360.405	116.783	111.443	111.777	111.095	S 3
E 41	1403.419	87.220	82.380	82.716	82.044	E 2
L 42	1441.114	44.705	39.366	39.702	39.030	L 1

sp | P43276 | H15_MOUSE

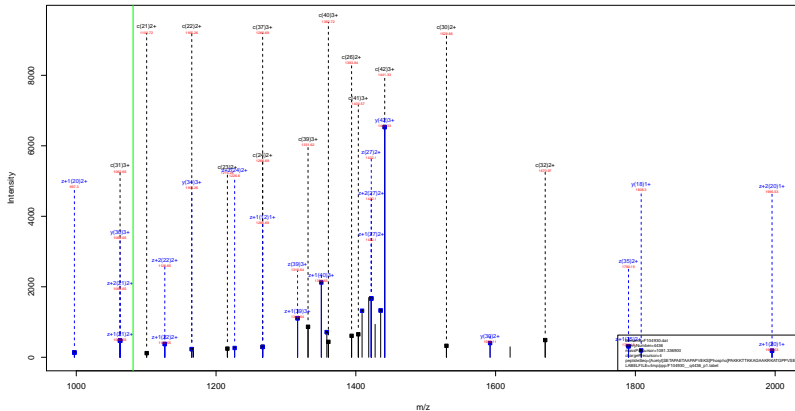
[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL _{79.97}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=85.43
- ▶ F104930.dat
- ▶ query=q4435.p1
- ▶ precursor=865.270470
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	37.525	1081.333	1077.329	0.755	1077.077	S[42]
E	2	69.785	1049.073	1045.060	0.755	1044.810	E[41]
T	3	95.047	1019.813	1012.807	0.755	1012.550	T[40]
A	4	112.506	991.550	987.546	0.755	987.290	A[39]
P	5	137.070	973.791	969.786	0.755	969.534	P[38]
A	6	154.829	949.528	945.523	0.755	945.271	A[37]
E	7	187.090	931.769	927.764	0.755	927.512	E[36]
T	8	212.351	899.508	895.503	0.755	895.251	T[35]
A	9	230.111	874.249	870.244	0.755	869.990	A[34]
A	10	247.870	856.487	852.482	0.755	852.230	A[33]
P	11	272.133	838.727	834.723	0.755	834.471	P[32]
A	12	289.892	814.464	810.459	0.755	810.208	A[31]
P	13	314.156	796.705	792.700	0.755	792.448	P[30]
V	14	338.923	772.442	768.437	0.755	768.185	V[29]
E	15	371.183	747.675	743.670	0.755	743.418	E[28]
R	16	403.207	719.416	711.409	0.755	711.157	R[27]
S	17	444.957	683.350	679.346	0.755	679.134	S[26]
P	18	469.220	641.641	637.636	0.755	637.384	P[25]
A	19	486.979	617.377	613.373	0.755	613.121	A[24]
K	20	519.003	599.618	595.613	0.755	595.362	K[23]
K	21	551.027	567.399	563.394	0.755	563.142	K[22]
K	22	583.050	535.571	531.566	0.755	531.314	K[21]
T	23	608.312	503.547	499.542	0.755	499.290	T[20]
T	24	633.574	478.285	474.280	0.755	474.028	T[19]
K	25	665.598	453.023	449.018	0.755	448.766	K[18]
K	26	697.622	429.990	426.985	0.755	426.733	K[17]
A	27	715.381	388.976	384.971	0.755	384.719	A[16]
T	28	729.836	371.218	367.213	0.755	366.961	T[15]
A	29	747.596	356.961	352.956	0.755	352.704	A[14]
K	30	765.155	339.202	335.197	0.755	334.945	K[13]
R	31	797.179	321.442	317.438	0.755	317.186	R[12]
R	32	836.204	289.410	285.414	0.755	285.162	R[11]
K	33	868.228	250.393	246.389	0.755	246.137	K[10]
A	34	885.987	218.370	214.365	0.755	214.113	A[9]
T	35	911.249	200.610	196.606	0.755	196.354	T[8]
G	36	925.504	175.348	171.344	0.755	171.092	G[7]
P	37	949.767	161.093	157.088	0.755	156.836	P[6]
P	38	974.031	136.830	132.825	0.755	132.573	P[5]
V	39	998.798	112.507	108.502	0.755	108.250	V[4]
S	40	1020.356	87.800	83.795	0.755	83.543	S[3]
E	41	1032.816	66.943	62.937	0.755	62.705	E[2]
L	42	1081.087	33.751	29.776	0.755	29.524	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL
79.97



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL _{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.00
- ▶ F104930.dat
- ▶ query=q4436_p1
- ▶ precursor=1081.336900
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4322.312	4306.293	0.000	4305.285	S[42]
E	2	276.119	4101.269	4177.251	0.000	4176.243	E[41]
T	3	377.187	4384.227	4046.209	0.000	4247.200	T[40]
A	4	445.204	3953.179	3947.100	0.000	3945.153	A[39]
P	5	545.257	3892.142	3876.123	0.000	3875.115	P[38]
A	6	616.294	3795.089	3779.070	0.000	3778.063	A[37]
E	7	745.330	3724.052	3708.033	0.000	3707.026	E[36]
T	8	846.384	3595.009	3578.991	0.000	3577.983	T[35]
A	9	917.421	3493.962	3477.943	0.000	3476.935	A[34]
A	10	988.458	3422.925	3406.906	0.000	3405.898	A[33]
P	11	1085.511	3351.888	3335.869	0.000	3334.861	P[32]
A	12	1156.548	3254.835	3238.816	0.000	3237.808	A[31]
F	13	1253.601	3183.788	3167.770	0.000	3166.771	F[30]
V	14	1352.665	3086.745	3070.726	0.000	3069.718	V[29]
E	15	1481.712	2487.677	2471.658	0.000	2470.650	E[28]
R	16	1609.807	2858.634	2842.615	2841.623	2841.607	R[27]
S	17	1778.856	2730.539	2714.520	2713.528	2713.512	S[26]
P	18	1873.858	2563.541	2547.522	2546.530	2546.514	P[25]
A	19	1944.895	2466.488	2450.469	2451.477	2449.461	A[24]
K	20	2072.990	2395.451	2379.432	2380.440	2378.424	K[23]
K	21	2201.085	2287.396	2261.377	2252.385	2250.320	K[22]
K	22	2329.180	2139.361	2123.342	2124.350	2122.284	K[21]
T	23	2430.226	2011.365	1995.147	1996.155	1994.130	T[20]
T	24	2531.275	1910.318	1894.009	1895.107	1893.092	T[19]
K	25	2659.370	1809.070	1793.052	1794.000	1792.044	K[18]
K	26	2787.465	1680.976	1664.957	1665.965	1663.949	K[17]
A	27	2885.502	1552.881	1536.862	1537.870	1535.854	A[16]
G	28	2913.524	1483.843	1467.824	1468.833	1466.817	G[15]
A	29	2958.581	1424.822	1408.803	1409.811	1407.795	A[14]
A	30	3057.598	1353.785	1337.766	1338.774	1336.758	A[13]
K	31	3185.693	1282.748	1266.729	1267.737	1265.721	K[12]
R	32	3341.794	1154.653	1138.634	1139.642	1137.626	R[11]
K	33	3469.889	998.552	982.533	983.541	981.525	K[10]
A	34	3540.926	876.497	860.478	861.486	859.470	A[9]
T	35	3641.974	789.420	783.401	784.409	782.393	T[8]
G	36	3698.995	696.372	682.353	683.361	681.345	G[7]
P	37	3796.048	641.350	625.332	626.340	624.324	P[6]
F	38	3893.101	544.298	528.279	529.287	527.271	F[5]
V	39	3992.160	447.245	431.226	432.234	430.218	V[4]
S	40	4079.201	348.177	332.158	333.166	331.150	S[3]
E	41	4208.244	261.144	245.125	246.134	244.118	E[2]
L	42	4321.228	132.102	116.083	117.091	115.075	L[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.00
- ▶ F104930.dat
- ▶ query=q4436_p1
- ▶ precursor=1081.336900
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2161.660	2153.650	0.504	2153.140	S(42)
E	2	138.563	2097.138	2089.129	0.504	2088.625	E(41)
T	3	189.087	2032.617	2024.608	0.504	2024.104	T(40)
A	4	224.206	1968.093	1974.084	0.504	1973.580	A(39)
P	5	293.135	1846.579	1838.569	0.504	1838.065	P(38)
A	6	358.650	1898.048	1890.039	0.504	1889.535	A(37)
E	7	373.172	1863.530	1854.520	0.504	1854.016	E(36)
T	8	423.696	1798.008	1789.999	0.504	1789.495	T(35)
A	9	459.214	1747.485	1739.475	0.504	1738.971	A(34)
A	10	494.733	1711.966	1703.957	0.504	1703.453	A(33)
P	11	543.259	1676.447	1668.438	0.504	1667.934	P(32)
A	12	578.778	1627.021	1619.012	0.504	1618.508	A(31)
P	13	627.304	1592.402	1584.393	0.504	1583.889	P(30)
V	14	676.830	1543.876	1535.867	0.504	1535.363	V(29)
E	15	741.360	1494.342	1486.333	0.504	1485.829	E(28)
T	16	805.887	1459.821	1421.811	1422.315	1421.307	T(27)
S	17	888.906	1385.773	1357.764	1358.268	1357.260	S(26)
P	18	937.433	1282.274	1274.265	1274.768	1273.761	P(25)
A	19	972.951	1233.748	1225.739	1226.242	1225.234	A(24)
K	20	1036.999	1198.229	1190.220	1190.724	1189.716	K(23)
K	21	1101.046	1134.382	1126.172	1126.676	1125.669	K(22)
R	22	1165.094	1070.134	1062.125	1062.629	1061.621	R(21)
T	23	1215.617	1006.087	998.077	998.581	997.573	T(20)
T	24	1266.141	955.563	947.553	948.057	947.049	T(19)
K	25	1330.189	905.039	897.030	897.533	896.526	K(18)
K	26	1394.236	840.991	832.982	833.486	832.478	K(17)
A	27	1443.355	776.844	768.835	769.338	768.331	A(16)
G	28	1458.266	741.425	733.416	733.920	732.912	G(15)
A	29	1493.784	712.915	704.905	705.409	704.401	A(14)
A	30	1529.303	677.396	669.387	669.891	668.883	A(13)
K	31	1593.350	641.876	633.868	634.372	633.364	K(12)
R	32	1671.401	677.830	669.821	670.325	669.317	R(11)
K	33	1735.448	609.779	601.770	602.274	601.266	K(10)
A	34	1770.967	435.732	427.723	428.227	427.219	A(9)
T	35	1821.491	400.213	392.204	392.708	391.700	T(8)
G	36	1898.021	349.690	341.680	342.184	341.176	G(7)
P	37	1888.526	321.179	313.170	313.673	312.666	P(6)
P	38	1887.664	272.852	264.843	265.347	264.339	P(5)
V	39	1996.588	224.120	216.111	216.621	215.612	V(4)
S	40	2040.104	174.592	166.583	167.086	166.078	S(3)
E	41	2104.626	131.076	123.067	123.570	122.562	E(2)
L	42	2161.168	66.555	58.545	59.049	58.041	L(1)

sp | P43276 | H15_MOUSE

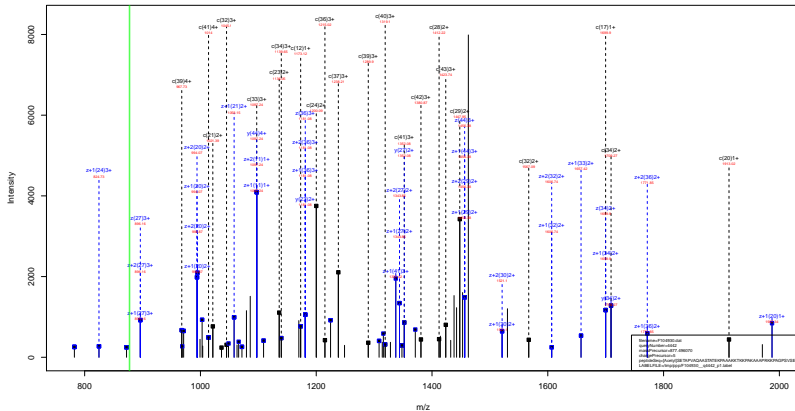
[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKKTTKKAGAAKRKATGPPVSEL _{79.97}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.00
- ▶ F104930.dat
- ▶ query=q4436.p1
- ▶ precursor=1081.336900
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	49.697	1441.442	1436.103	0.672	1435.767	S[42]
E	2	62.711	1398.428	1377.086	0.672	1392.752	E[41]
T	3	139.284	1359.419	1350.074	0.672	1349.715	T[40]
A	4	150.073	1327.731	1316.392	0.672	1316.056	A[39]
P	5	182.424	1298.652	1292.713	0.672	1292.377	P[38]
A	6	206.101	1265.701	1260.362	0.672	1260.026	A[37]
E	7	249.117	1242.022	1236.683	0.672	1236.347	E[36]
T	8	282.800	1199.008	1193.668	0.672	1193.332	T[35]
A	9	306.479	1165.325	1159.986	0.672	1159.650	A[34]
A	10	310.158	1144.668	1138.307	0.672	1135.971	A[33]
P	11	362.508	1117.967	1112.628	0.672	1112.292	P[32]
A	12	386.188	1085.619	1080.277	0.672	1079.941	A[31]
P	13	418.538	1061.937	1056.598	0.672	1056.262	P[30]
V	14	451.561	1029.580	1024.247	0.672	1023.911	V[29]
E	15	484.375	996.564	991.224	0.672	990.888	E[28]
K	16	517.274	953.569	948.230	0.672	947.874	K[27]
S	17	592.940	910.851	905.512	0.672	905.176	S[26]
P	18	625.291	855.189	849.845	0.672	849.510	P[25]
A	19	648.970	822.834	817.495	0.672	817.159	A[24]
K	20	691.668	799.155	793.816	0.672	793.480	K[23]
K	21	734.367	756.457	751.117	0.672	750.781	K[22]
K	22	777.065	713.758	708.419	0.672	708.083	K[21]
T	23	810.747	671.060	665.721	0.672	665.385	T[20]
T	24	844.430	637.378	632.038	0.672	631.702	T[19]
K	25	887.128	603.695	598.355	0.672	598.019	K[18]
K	26	929.827	560.997	555.657	0.672	555.321	K[17]
A	27	953.506	518.298	512.959	0.672	512.623	A[16]
T	28	977.213	498.619	493.279	0.672	492.943	T[15]
A	29	996.192	475.617	470.277	0.672	469.941	A[14]
A	30	1019.871	451.933	446.594	0.672	446.258	A[13]
K	31	1062.569	428.254	422.915	0.672	422.579	K[12]
R	32	1114.603	385.590	380.250	0.672	379.988	R[11]
K	33	1157.301	333.522	328.183	0.672	327.847	K[10]
A	34	1180.980	290.824	285.484	0.672	285.148	A[9]
T	35	1214.663	267.142	261.802	0.672	261.466	T[8]
G	36	1233.670	233.462	228.123	0.672	227.787	G[7]
P	37	1266.021	214.459	209.119	0.672	208.779	P[6]
P	38	1298.372	182.104	176.765	0.672	176.429	P[5]
V	39	1331.395	149.753	144.414	0.672	144.078	V[4]
S	40	1366.405	116.730	111.391	0.672	111.055	S[3]
E	41	1403.419	87.728	82.388	0.672	82.044	E[2]
L	42	1441.114	44.705	39.366	0.672	39.030	L[1]

sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAAS~~T~~ATEKPA~~A~~AKKTKKPAKAAAPRKKPAGPSVSEL



sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAASSTATEKPAAAKTKKPAKAAAPRKKPAGPSVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.75
- ▶ F104930.dat
- ▶ query=q4442.p1
- ▶ precursor=877.496070
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4363.436	4367.437	0.000	4365.405	S[44]
E	2	276.119	4354.993	4236.575	0.000	4237.367	E[43]
T	3	377.167	4125.951	4109.332	0.000	4108.324	T[42]
A	4	448.204	4024.903	4006.284	0.000	4007.276	A[41]
P	5	545.257	3851.366	3837.347	0.000	3836.239	P[40]
V	6	644.226	3636.213	3640.194	0.000	3639.187	V[39]
A	7	715.362	3757.145	3741.126	0.000	3740.118	A[38]
Q	8	843.421	3686.108	3670.089	3671.097	3669.081	Q[37]
A	9	914.458	3558.049	3542.030	3543.038	3541.022	A[36]
A	10	985.495	3487.012	3471.993	3472.001	3469.985	A[35]
S	11	1072.527	3415.975	3399.956	3400.964	3398.948	S[34]
T	12	1173.578	3328.943	3312.924	3313.932	3311.916	T[33]
A	13	1244.612	3227.895	3211.876	3212.884	3210.868	A[32]
T	14	1345.659	3156.858	3140.839	3141.847	3139.831	T[31]
E	15	1474.702	3055.810	3039.791	3040.799	3038.784	E[30]
K	16	1502.797	2926.768	2910.749	2911.757	2909.741	K[29]
P	17	1699.850	2796.673	2782.654	2783.662	2781.646	P[28]
A	18	1770.887	2701.626	2685.607	2686.615	2684.600	A[27]
A	19	1841.924	2630.583	2614.564	2615.572	2613.556	A[26]
A	20	1912.961	2559.546	2543.527	2544.535	2542.519	A[25]
K	21	2041.056	2488.509	2472.490	2473.498	2471.482	K[24]
K	22	2169.151	2360.414	2344.395	2345.403	2343.387	K[23]
T	23	2278.199	2232.369	2216.350	2217.358	2215.342	T[22]
K	24	2388.248	2131.321	2115.302	2116.310	2114.294	K[21]
K	25	2526.389	2003.176	1987.157	1988.165	1986.149	K[20]
P	26	2623.441	1875.081	1859.062	1860.070	1858.055	P[19]
A	27	2694.478	1778.028	1762.009	1763.017	1761.001	A[18]
K	28	2822.573	1706.901	1690.872	1691.880	1689.865	K[17]
A	29	2893.611	1619.866	1603.847	1604.855	1602.839	A[16]
A	30	2964.648	1507.819	1491.800	1492.808	1490.793	A[15]
A	31	3035.685	1436.822	1420.803	1421.811	1419.795	A[14]
P	32	3132.738	1365.785	1349.766	1350.774	1348.758	P[13]
R	33	3288.839	1268.732	1252.713	1253.721	1251.706	R[12]
K	34	3416.934	1117.631	1096.612	1097.620	1095.605	K[11]
K	35	3545.029	984.578	968.517	969.525	967.509	K[10]
P	36	3642.082	856.441	840.422	841.430	839.415	P[9]
A	37	3713.118	759.388	743.370	744.377	742.362	A[8]
G	38	3770.140	688.351	672.332	673.340	671.325	G[7]
P	39	3867.193	631.330	615.311	616.319	614.303	P[6]
S	40	3954.225	534.277	518.258	519.266	517.250	S[5]
V	41	4053.293	447.268	431.249	432.257	430.241	V[4]
S	42	4140.325	348.177	332.158	333.166	331.150	S[3]
E	43	4269.368	261.144	245.126	246.134	244.118	E[2]
L	44	4362.402	132.027	116.009	117.017	115.001	L[1]

sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAASSTATEKPAAAKTKKPAKAAAPRKKPAGPSVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.75
- ▶ F104930.dat
- ▶ query=q4442_p1
- ▶ precursor=877.496070
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.063	2092.222	2184.733	0.504	2183.704	S[44]
E	2	138.553	2127.700	2219.091	0.504	2219.187	E[43]
T	3	189.087	2063.179	2055.170	0.504	2054.660	T[42]
A	4	224.606	2012.655	2004.649	0.504	2004.142	A[41]
P	5	273.132	1977.137	1969.127	0.504	1968.623	P[40]
V	6	322.660	1926.610	1920.603	0.504	1920.500	V[39]
A	7	368.185	1879.076	1871.067	0.504	1870.561	A[38]
Q	8	422.214	1843.557	1835.548	1836.052	1835.044	Q[37]
A	9	457.733	1770.528	1771.519	1772.023	1771.015	A[36]
A	10	493.251	1744.010	1736.000	1736.504	1735.490	A[35]
S	11	536.767	1708.491	1700.482	1700.986	1699.978	S[34]
T	12	587.291	1658.975	1656.966	1657.470	1656.461	T[33]
A	13	622.809	1614.451	1616.442	1616.946	1615.935	A[32]
T	14	673.333	1578.933	1570.923	1571.427	1570.410	T[31]
E	15	727.855	1528.409	1520.399	1520.903	1519.890	E[30]
K	16	801.902	1463.887	1455.878	1456.382	1455.374	K[29]
P	17	850.426	1399.361	1391.351	1391.855	1390.847	P[28]
A	18	893.947	1351.314	1343.304	1343.808	1342.800	A[27]
A	19	921.466	1315.795	1307.786	1308.290	1307.282	A[26]
A	20	956.984	1280.276	1272.267	1272.771	1271.763	A[25]
K	21	1021.032	1244.758	1236.749	1237.252	1236.244	K[24]
K	22	1056.079	1180.710	1172.701	1173.205	1172.197	K[23]
K	23	1135.603	1145.192	1108.654	1109.158	1108.150	K[22]
K	24	1199.650	1066.139	1058.130	1058.634	1057.626	K[21]
K	25	1263.698	1002.092	994.082	994.586	993.578	K[20]
P	26	1323.224	938.044	930.035	930.539	929.531	P[19]
A	27	1347.743	889.518	881.508	882.012	881.005	A[18]
K	28	1411.790	853.999	845.989	846.493	845.486	K[17]
A	29	1447.309	789.962	781.942	782.446	781.439	A[16]
A	30	1482.827	754.433	746.424	746.928	745.920	A[15]
A	31	1518.346	718.915	710.905	711.409	710.401	A[14]
P	32	1566.872	683.396	675.387	675.891	674.883	P[13]
K	33	1644.923	634.870	626.860	627.364	626.356	K[12]
K	34	1708.970	550.839	542.830	543.334	542.326	K[11]
K	35	1773.018	492.172	484.162	484.666	483.658	K[10]
P	36	1821.544	428.724	420.715	421.219	420.211	P[9]
A	37	1857.063	380.198	372.188	372.692	371.685	A[8]
G	38	1885.574	344.670	336.670	337.174	336.166	G[7]
P	39	1924.100	310.169	302.159	302.663	301.655	P[6]
S	40	1977.616	289.542	281.533	282.037	281.029	S[5]
V	41	2027.150	224.126	216.117	216.621	215.613	V[4]
S	42	2070.666	174.592	166.583	167.086	166.079	S[3]
E	43	2125.188	131.076	123.067	123.570	122.563	E[2]
L	44	2181.710	66.555	58.545	59.049	58.041	L[1]

sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAASSTATEKPA~~AA~~AKKTKKPAKAAAPRKKPAGPSVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=52.75
- ▶ F104930.dat
- ▶ query=q4442_p1
- ▶ precursor=877.496070
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA	
S	1	48.697	1461.817	1456.477	0.672	1456.141	S[44]
E	2	92.711	1418.803	1413.463	0.672	1413.127	E[43]
T	3	126.394	1375.788	1370.449	0.672	1370.113	T[42]
A	4	150.073	1332.766	1327.427	0.672	1327.091	A[41]
P	5	182.424	1318.427	1313.087	0.672	1312.751	P[40]
V	6	215.447	1280.076	1280.738	0.672	1280.402	V[39]
A	7	239.126	1253.053	1247.713	0.672	1247.377	A[28]
Q	8	261.812	1220.974	1224.034	1224.370	1223.699	Q[37]
A	9	305.491	1186.688	1181.348	1181.684	1181.012	A[36]
A	10	329.170	1163.009	1157.669	1158.005	1157.331	A[35]
S	11	358.180	1139.330	1133.990	1134.326	1133.654	S[34]
T	12	391.893	1102.319	1104.989	1106.315	1104.664	T[33]
A	13	415.542	1070.637	1071.297	1071.633	1070.961	A[32]
T	14	449.225	1052.957	1047.618	1047.954	1047.282	T[31]
E	15	462.230	1019.275	1013.935	1014.271	1013.599	E[30]
K	16	534.937	970.261	970.921	971.257	970.585	K[29]
F	17	567.268	933.562	936.722	939.882	937.041	F[28]
A	18	599.967	893.211	895.872	896.208	895.536	A[27]
A	19	614.646	877.532	872.193	872.529	871.857	A[26]
A	20	638.325	853.853	848.514	848.850	848.178	A[25]
K	21	661.024	830.174	824.835	825.171	824.499	K[24]
K	22	723.722	787.476	782.136	782.472	781.801	K[23]
T	23	787.868	744.778	749.438	753.774	748.303	T[22]
K	24	830.103	711.095	705.756	706.092	705.420	K[21]
K	25	842.801	668.397	663.057	663.393	662.721	K[20]
F	26	878.152	625.699	620.359	620.695	620.023	F[19]
A	27	908.831	593.348	588.008	588.344	587.672	A[18]
K	28	941.520	560.669	564.329	564.665	563.993	K[17]
A	29	985.208	526.970	521.631	521.967	521.295	A[16]
A	30	988.887	503.291	497.952	498.288	497.616	A[15]
A	31	1012.566	479.612	474.273	474.609	473.937	A[14]
F	32	1044.917	435.913	430.574	430.910	430.238	F[13]
K	33	1096.951	423.582	418.243	418.579	417.907	K[12]
K	34	1139.649	371.549	366.210	366.545	365.873	K[11]
K	35	1192.948	328.850	323.511	323.847	323.175	K[10]
F	36	1214.699	286.152	280.812	281.148	280.476	F[9]
A	37	1238.378	251.801	246.461	246.797	246.125	A[8]
G	38	1297.385	230.122	224.782	225.118	224.446	G[7]
F	39	1389.736	211.115	205.775	206.111	205.439	F[6]
S	40	1313.746	176.984	171.644	171.980	171.308	S[5]
V	41	1351.769	149.753	144.414	144.750	144.078	V[4]
S	42	1380.780	116.730	111.391	111.727	111.055	S[3]
E	43	1423.794	87.720	82.380	82.716	82.044	E[2]
L	44	1461.489	44.705	39.366	39.702	39.030	L[1]

sp | P43275 | H11_MOUSE

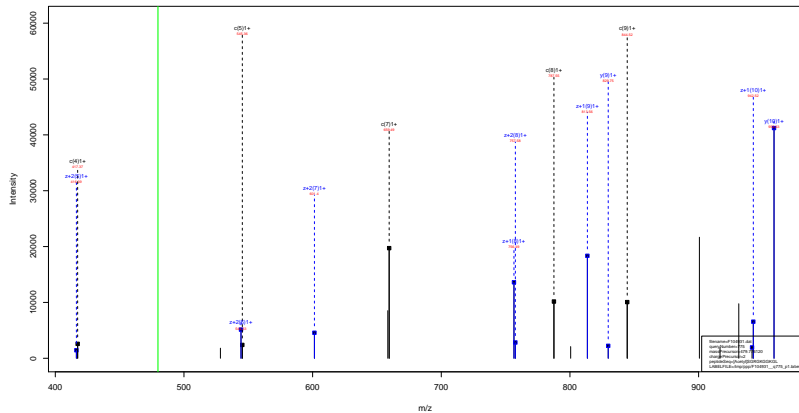
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- ▶ score=52.75
- ▶ F104930.dat
- ▶ query=q4442_p1
- ▶ precursor=877.496070
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1096.614	1092.610	0.755	1092.358	S[44]
E[2]	69.785	1064.354	1060.349	0.755	1060.097	E[43]
T[3]	95.047	1032.093	1028.088	0.755	1027.836	T[42]
A[4]	112.506	1000.831	1002.827	0.755	1002.575	A[41]
F[5]	137.076	969.072	965.067	0.755	964.815	F[40]
V[6]	161.537	938.810	934.804	0.755	934.552	V[39]
A[7]	179.596	908.042	904.037	0.755	903.785	A[38]
Q[8]	211.611	877.282	873.276	0.755	873.024	Q[37]
A[9]	229.370	846.514	842.508	0.755	842.256	A[36]
A[10]	247.129	815.508	811.502	0.755	811.250	A[35]
S[11]	268.887	784.749	780.743	0.755	780.491	S[34]
T[12]	294.149	753.989	749.983	0.755	749.731	T[33]
A[13]	311.908	723.229	719.223	0.755	718.971	A[32]
T[14]	337.170	692.469	688.463	0.755	688.211	T[31]
E[15]	369.431	661.708	657.702	0.755	657.450	E[30]
K[16]	401.455	630.947	626.941	0.755	626.689	K[29]
F[17]	425.718	600.187	596.181	0.755	595.929	F[28]
A[18]	443.077	570.160	566.154	0.755	565.902	A[27]
A[19]	461.236	540.141	536.135	0.755	535.883	A[26]
A[20]	478.996	510.122	506.116	0.755	505.864	A[25]
K[21]	511.019	479.361	475.355	0.755	475.103	K[24]
K[22]	543.043	448.600	444.594	0.755	444.342	K[23]
T[23]	568.305	417.839	413.833	0.755	413.581	T[22]
K[24]	600.229	387.078	383.072	0.755	382.820	K[21]
K[25]	632.353	356.317	352.311	0.755	352.059	K[20]
P[26]	666.616	325.556	321.550	0.755	321.302	P[19]
A[27]	674.375	300.000	296.000	0.755	295.750	A[18]
K[28]	706.399	269.239	265.233	0.755	264.981	K[17]
A[29]	724.158	238.478	234.472	0.755	234.220	A[16]
A[30]	741.917	207.717	203.711	0.755	203.459	A[15]
A[31]	759.077	176.956	172.950	0.755	172.702	A[14]
P[32]	783.940	146.195	142.189	0.755	141.937	P[13]
R[33]	822.965	115.434	111.428	0.755	111.180	R[12]
K[34]	854.989	78.673	74.667	0.755	74.415	K[11]
K[35]	887.013	240.889	236.883	0.755	236.631	K[10]
P[36]	911.276	214.866	210.860	0.755	210.608	P[9]
A[37]	924.035	189.605	185.599	0.755	185.347	A[9]
G[38]	943.290	172.843	168.837	0.755	168.585	G[7]
P[39]	967.554	158.588	154.582	0.755	154.330	P[6]
S[40]	989.312	134.325	130.319	0.755	130.067	S[5]
V[41]	1014.079	112.567	108.561	0.755	108.310	V[4]
S[42]	1035.837	87.800	83.794	0.755	83.542	S[3]
E[43]	1068.897	66.042	62.036	0.755	61.784	E[2]
L[44]	1096.358	33.781	29.775	0.755	29.523	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.26
- ▶ F104931.dat
- ▶ query=q775_p1
- ▶ precursor=479.776120
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.516	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
Q[4]	417.220	616.378	600.359	601.367	599.351	Q[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	389.123	373.105	374.112	372.097	G[2]
L[10]	957.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.03
- ▶ F104931.dat
- ▶ query=q776-p1
- ▶ precursor=320.186590
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.518	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
G[4]	417.220	616.378	600.359	601.367	599.351	G[7]
K[5]	545.315	559.358	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	189.123	173.105	174.112	172.097	G[2]
L[10]	937.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

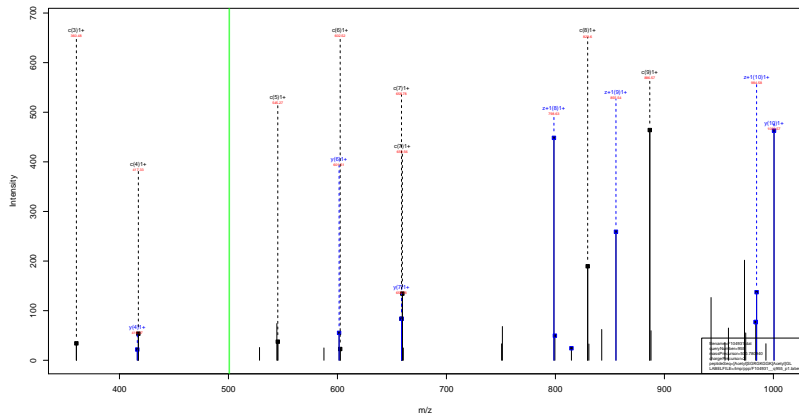
[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.03
- ▶ F104931.dat
- ▶ query=q776-p1
- ▶ precursor=320.186590
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	479.775	471.766	0.504	471.262	S[10]
G[2]	102.553	415.254	407.244	0.504	406.740	G[9]
R[3]	180.603	386.743	378.734	379.238	378.230	R[8]
G[4]	209.114	308.092	300.683	301.187	300.179	G[7]
K[5]	273.161	280.182	272.172	272.676	271.668	K[6]
G[6]	301.672	216.134	208.125	208.629	207.621	G[5]
G[7]	330.183	187.624	179.614	180.118	179.110	G[4]
K[8]	394.230	139.114	131.103	131.607	130.600	K[3]
G[9]	422.741	95.065	87.056	87.560	86.552	G[2]
L[10]	479.283	56.555	58.545	59.049	58.041	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}GL
42.01



sp | P62806 | H4_MOUSE

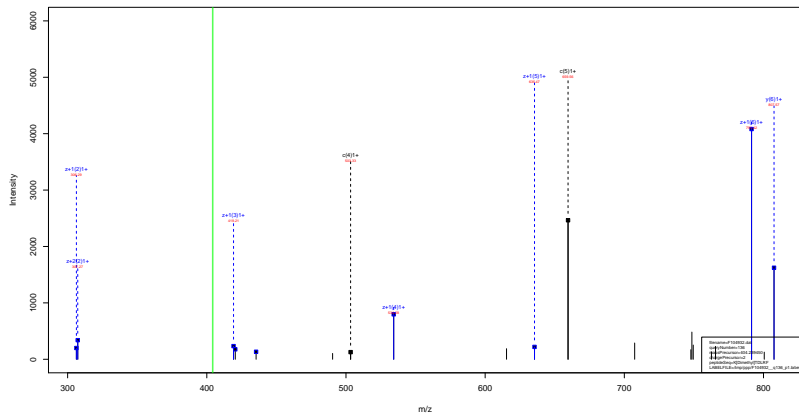
[Acetyl]SGRGKGGK^{Acetyl}GL
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.32
- ▶ F104931.dat
- ▶ query=q955_p1
- ▶ precursor=500.780940
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1000.553	984.535	0.000	983.527	S[10]
G[2]	204.098	871.511	855.492	0.000	854.484	G[9]
R[3]	360.199	814.489	798.471	799.478	797.463	R[8]
G[4]	417.220	658.388	642.370	643.377	641.362	G[7]
K[5]	545.315	601.367	585.348	586.356	584.340	K[6]
G[6]	602.337	473.272	457.253	458.261	456.245	G[5]
G[7]	659.358	416.250	400.232	401.239	399.224	G[4]
K[8]	829.464	399.220	383.210	384.218	382.202	K[3]
G[9]	888.485	189.121	173.105	174.112	172.097	G[2]
L[10]	959.509	132.102	116.083	117.091	115.075	L[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl} TDLRF
28.03



sp | P68433 | H31_MOUSE

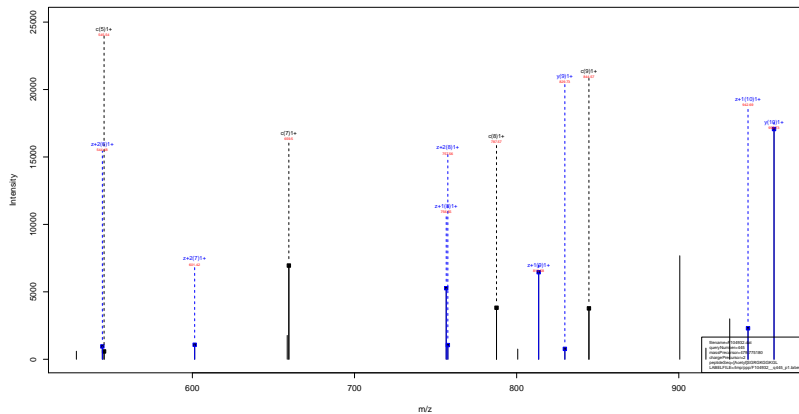
K^{Dimethyl} TDLRF
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.88
- ▶ F104932.dat
- ▶ query=q136_p1
- ▶ precursor=404.239450
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	174.160	807.472	791.454	792.461	790.446	K[6]
Y[2]	275.208	651.346	635.327	636.335	634.320	Y[5]
D[3]	390.235	650.298	534.280	535.287	533.272	D[4]
L[4]	503.319	435.271	419.253	420.261	418.245	L[3]
R[5]	659.420	322.187	306.169	307.176	305.161	R[2]
F[6]	806.488	166.086	150.068	151.075	149.060	F[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

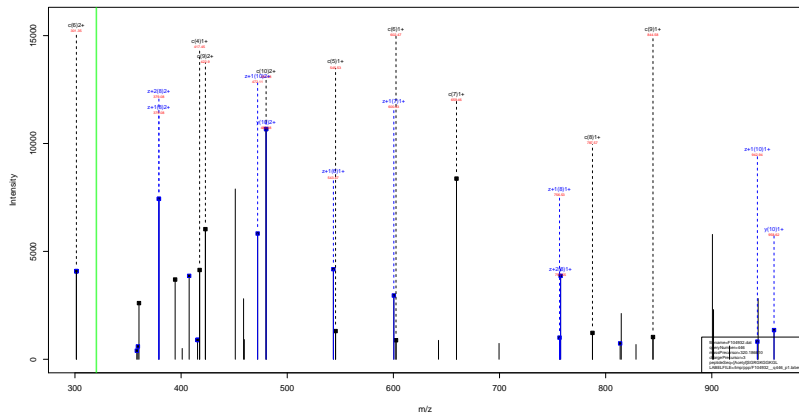
[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.52
- ▶ F104932.dat
- ▶ query=q445-p1
- ▶ precursor=479.775180
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.518	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
G[4]	417.220	616.378	600.359	601.367	599.351	G[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	260.123	273.135	274.112	272.097	G[2]
L[10]	937.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.89
- ▶ F104932.dat
- ▶ query=q446_p1
- ▶ precursor=320.186610
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.518	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
G[4]	417.220	616.378	600.359	601.367	599.351	G[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	289.123	373.105	374.112	372.097	G[2]
L[10]	937.559	132.102	118.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

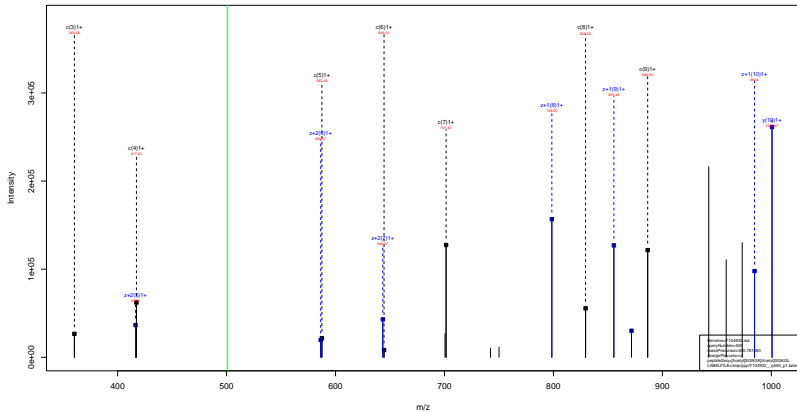
[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.89
- ▶ F104932.dat
- ▶ query=q446-p1
- ▶ precursor=320.186610
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	479.775	471.766	0.504	471.262	S[10]
G[2]	102.553	415.254	407.244	0.504	406.740	G[9]
R[3]	180.603	386.743	378.734	379.238	378.230	R[8]
G[4]	209.114	308.692	300.683	301.187	300.179	G[7]
K[5]	273.161	280.182	272.172	272.676	271.668	K[6]
G[6]	301.672	216.134	208.125	208.629	207.621	G[5]
G[7]	330.183	187.624	179.614	180.118	179.110	G[4]
K[8]	394.230	159.113	151.103	151.607	150.600	K[3]
G[9]	422.741	95.065	87.056	87.560	86.552	G[2]
L[10]	479.283	66.553	58.545	59.049	58.041	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} GGKGL



sp | P62806 | H4_MOUSE

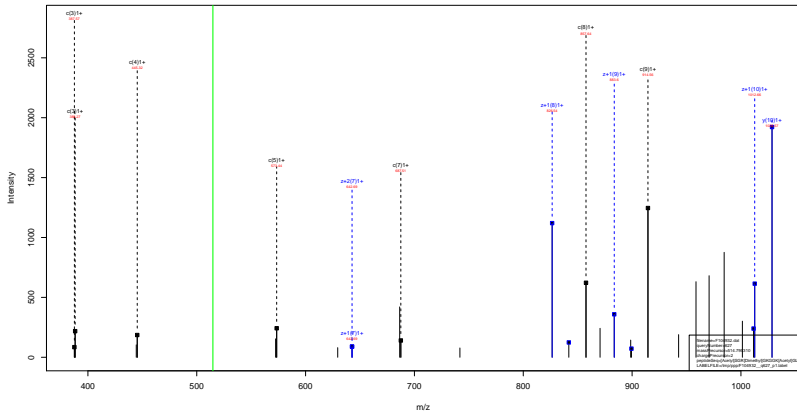
[Acetyl]SGR^{Acetyl}RGK_{42.01} GGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.67
- ▶ F104932.dat
- ▶ query=q550_p1
- ▶ precursor=500.781060
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
S	1	147.076	1000.553	984.535	0.000	983.527	S	10
G	2	204.098	871.511	855.492	0.000	854.484	G	9
R	3	360.199	814.489	798.471	799.478	797.463	R	8
G	4	417.220	658.380	642.370	643.377	641.362	G	7
K	5	587.326	601.367	585.348	586.356	584.340	K	6
G	6	644.347	431.261	415.243	416.250	414.235	G	5
G	7	701.369	374.240	358.221	359.229	357.213	G	4
K	8	829.464	317.218	301.200	302.207	300.192	K	3
G	9	886.485	260.123	243.105	244.112	242.097	G	2
L	10	999.509	132.102	116.083	117.091	115.075	L	1

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl} 28.03 GKGGK^{Acetyl} 42.01 GL



sp | P62806 | H4_MOUSE

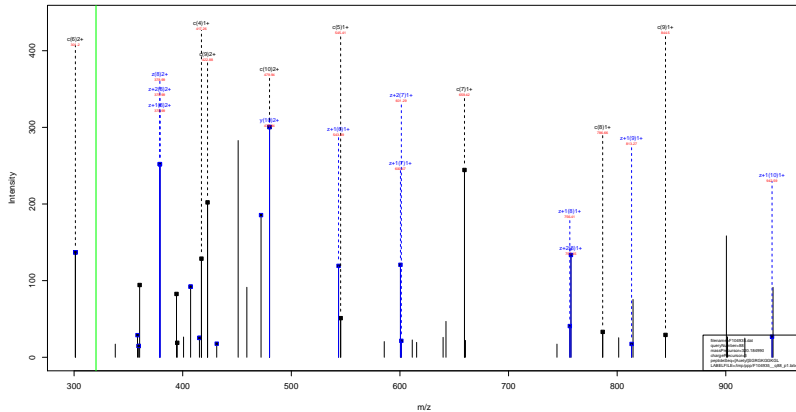
[Acetyl]SGR^{Dimethyl} 28.03 GKGGK^{Acetyl} 42.01 GL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.20
- ▶ F104932.dat
- ▶ query=q627_p1
- ▶ precursor=514.795310
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.070	1028.585	1012.566	0.000	1011.558	S[10]
G[2]	204.098	899.542	883.521	0.000	882.510	G[9]
R[3]	388.230	842.521	826.502	827.510	825.494	R[8]
G[4]	445.252	658.388	642.370	643.377	641.362	G[7]
K[5]	573.347	601.367	585.348	589.356	584.340	K[6]
G[6]	630.368	473.272	457.253	458.261	456.245	G[5]
G[7]	687.390	416.250	400.232	401.239	399.223	G[4]
K[8]	851.495	359.229	343.210	344.218	342.202	K[3]
G[9]	914.517	189.123	173.106	174.112	172.097	G[2]
L[10]	1027.601	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.48
- ▶ F104935.dat
- ▶ query=q88.p1
- ▶ precursor=320.184990
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	998.943	942.524	0.000	941.918	S[10]
G[2]	204.098	829.900	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
G[4]	417.220	616.978	600.359	601.367	599.951	G[7]
K[5]	545.315	559.956	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	189.123	173.105	174.112	172.997	G[2]
L[10]	937.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

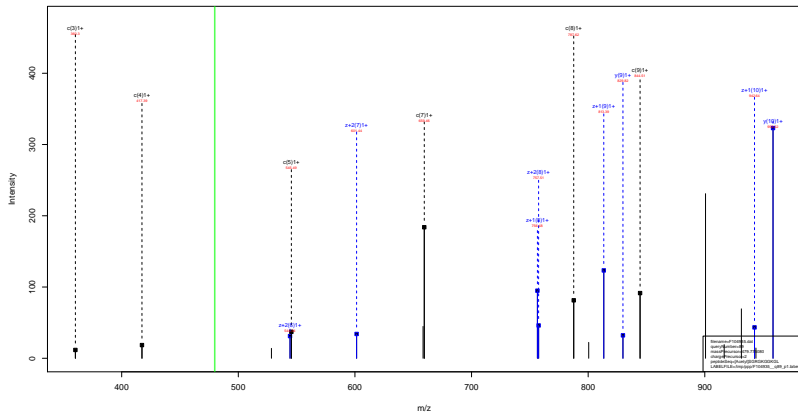
[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.48
- ▶ F104935.dat
- ▶ query=q88.p1
- ▶ precursor=320.184990
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	479.775	471.766	0.504	471.263	S[10]
G[2]	102.553	415.254	407.244	0.504	406.740	G[9]
R[3]	180.603	386.743	378.734	379.238	378.230	R[8]
Q[4]	209.114	308.092	300.683	301.187	300.179	Q[7]
K[5]	273.161	280.182	272.172	272.676	271.668	K[6]
G[6]	301.672	216.134	208.125	208.629	207.621	G[5]
G[7]	330.183	187.624	179.614	180.118	179.110	G[4]
K[8]	384.230	139.114	131.103	131.607	130.600	K[3]
G[9]	422.741	95.065	87.056	87.560	86.552	G[2]
L[10]	479.283	56.555	58.545	59.049	58.041	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

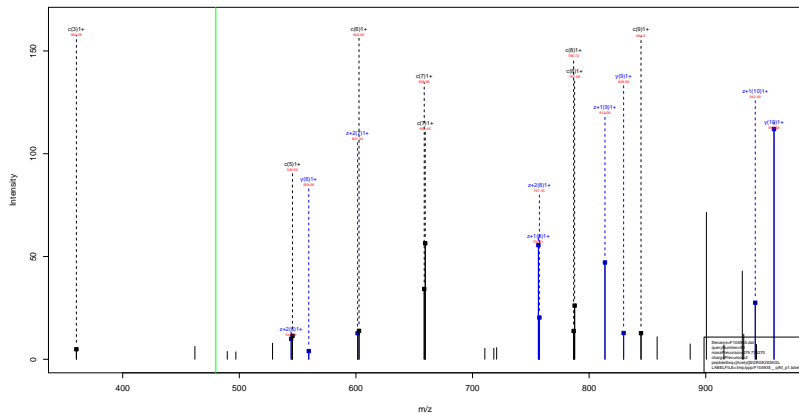
[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.12
- ▶ F104935.dat
- ▶ query=q89_p1
- ▶ precursor=479.775080
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.518	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
G[4]	417.220	616.378	600.359	601.367	599.351	G[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	289.123	273.105	274.112	272.097	G[2]
L[10]	937.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

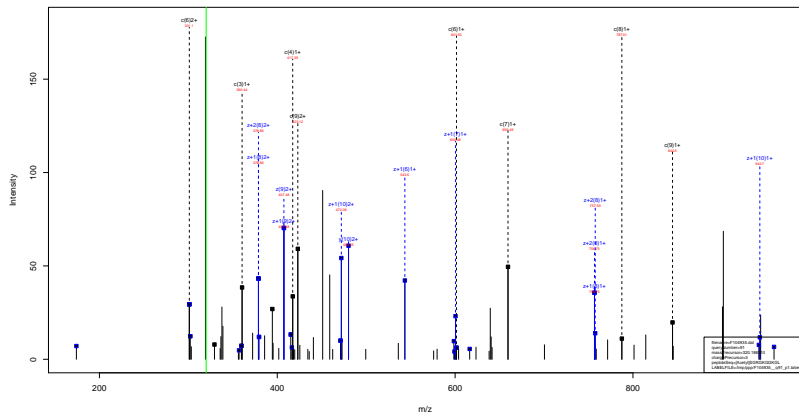
[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.18
- ▶ F104935.dat
- ▶ query=q90_p1
- ▶ precursor=479.775270
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.518	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
G[4]	417.220	616.378	600.359	601.367	599.351	G[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	189.123	173.105	174.112	172.097	G[2]
L[10]	937.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.99
- ▶ F104935.dat
- ▶ query=q91_p1
- ▶ precursor=320.186310
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.543	942.524	0.000	941.516	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
Q[4]	417.220	616.378	600.359	601.367	599.351	Q[7]
K[5]	545.315	559.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.261	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	189.123	173.105	174.112	172.097	G[2]
L[10]	997.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

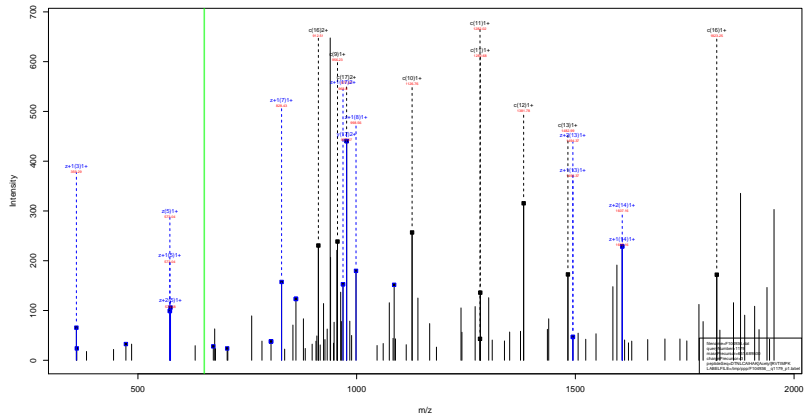
[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.99
- ▶ F104935.dat
- ▶ query=q91_p1
- ▶ precursor=320.186310
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	479.775	471.766	0.504	471.262	S[10]
G[2]	102.553	415.254	407.244	0.504	406.740	G[9]
R[3]	180.603	386.743	378.734	379.238	378.230	R[8]
Q[4]	209.114	308.092	300.683	301.187	300.179	Q[7]
K[5]	273.161	280.182	272.172	272.676	271.668	K[6]
G[6]	301.672	216.134	208.125	208.629	207.621	G[5]
G[7]	330.183	187.624	179.614	180.118	179.110	G[4]
K[8]	394.230	139.114	131.103	131.607	130.600	K[3]
G[9]	422.741	95.065	87.056	87.560	86.552	G[2]
L[10]	479.203	56.555	58.545	59.049	58.041	L[1]

sp | P68433 | H31_MOUSE

DTNLCAIHAKE Acetyl RVTIMPK
42.01



sp | P68433 | H31_MOUSE

DTNLCAIHAK ^{Acetyl} 42.01 RVTIMPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=29.58
- ▶ F104936.dat
- ▶ query=q1179_p1
- ▶ precursor=651.689500
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		e	y	z+1	z+2	z	AA
D	1	133.061	1953.041	1937.022	0.000	1936.014	D
T	2	234.108	1838.014	1821.995	0.000	1820.987	T
N	3	348.151	1730.966	1720.948	1721.955	1719.940	N
L	4	461.235	1622.921	1606.905	1607.912	1605.897	L
C	5	564.245	1509.830	1493.821	1494.828	1492.811	C
A	6	635.282	1406.830	1390.811	1391.819	1389.804	A
I	7	748.366	1335.793	1319.774	1320.782	1318.766	I
H	8	889.426	1222.709	1208.690	1207.698	1205.682	H
A	9	956.462	1108.650	1099.631	1070.630	1065.623	A
R	10	1126.567	1014.613	998.594	999.602	997.588	R
R	11	1282.668	944.507	826.489	829.496	827.481	R
V	12	1381.737	888.400	672.387	673.395	671.380	V
T	13	1482.785	800.330	573.319	574.327	572.311	T
I	14	1509.809	800.290	472.271	473.279	471.264	I
M	15	1726.909	375.200	359.187	360.195	358.180	M
F	16	1823.962	244.160	228.147	229.155	227.139	F
K	17	1952.097	147.113	131.094	132.102	130.086	K

sp | P68433 | H31_MOUSE

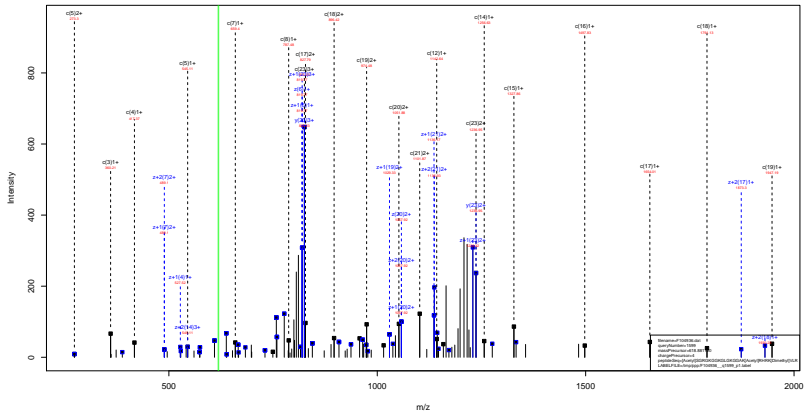
DTNLCAIHAK^{Acetyl}RVTIMPK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=29.58
- ▶ F104936.dat
- ▶ query=q1179_p1
- ▶ precursor=651.689500
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	977.024	969.015	0.504	968.511	D[17]
Y[2]	117.558	919.511	911.501	0.504	910.997	Y[16]
N[3]	174.579	868.967	860.977	861.481	860.473	N[15]
L[4]	231.121	811.965	803.956	804.460	803.452	L[14]
C[5]	282.626	750.423	747.414	747.918	746.910	C[13]
A[6]	318.145	703.919	695.909	696.413	695.405	A[12]
V[7]	374.687	650.406	650.201	650.895	650.887	V[11]
H[8]	443.216	611.898	603.889	604.393	603.384	H[10]
A[9]	478.735	543.329	535.319	535.823	534.815	A[9]
K[10]	563.787	507.810	499.801	500.305	499.297	K[8]
R[11]	641.838	422.757	414.748	415.252	414.244	R[7]
V[12]	691.372	344.707	336.697	337.201	336.193	V[6]
Y[13]	741.896	295.173	287.163	287.667	286.659	Y[5]
V[14]	798.438	244.649	236.639	237.143	236.135	V[4]
M[15]	853.958	188.107	180.097	180.601	179.593	M[3]
Y[16]	912.485	122.585	114.577	115.081	114.073	Y[2]
K[17]	976.532	74.050	66.051	66.555	65.547	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl}RHRK ^{Dimethyl}VLR
42.01 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=95.30
- ▶ F104936.dat
- ▶ query=q1599_p1
- ▶ precursor=618.881120
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2472.488	2456.469	0.000	2455.450	S[23]
G[2]	304.098	2343.443	2327.425	0.000	2326.411	G[22]
R[3]	360.199	2208.422	2270.403	2271.411	2269.395	R[21]
G[4]	417.220	2130.321	2114.302	2115.310	2113.294	G[20]
K[5]	545.315	2073.299	2057.280	2058.288	2056.273	K[19]
G[6]	603.337	1945.204	1929.185	1930.193	1928.176	G[18]
G[7]	659.358	1888.183	1872.164	1873.172	1871.156	G[17]
K[8]	787.453	1831.161	1815.143	1816.150	1814.135	K[16]
G[9]	844.475	1773.066	1687.048	1688.055	1686.040	G[15]
L[10]	957.559	1646.045	1630.026	1631.034	1629.018	L[14]
G[11]	1014.580	1532.961	1516.942	1517.950	1515.934	G[13]
R[12]	1142.675	1475.939	1459.921	1460.928	1458.913	R[12]
G[13]	1199.697	1347.844	1331.826	1332.833	1330.818	G[11]
G[14]	1256.718	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1327.755	1233.801	1217.783	1218.791	1216.775	A[9]
K[16]	1497.861	1182.784	1146.746	1147.753	1145.738	K[8]
R[17]	1653.962	992.659	976.640	977.648	976.633	R[7]
R[18]	1791.021	836.536	825.539	821.547	819.531	R[6]
R[19]	1947.122	699.499	683.480	684.488	682.472	R[5]
K[20]	2103.248	543.398	527.379	528.387	526.371	K[4]
V[21]	2202.317	387.271	371.253	372.261	370.245	V[3]
L[22]	2315.401	288.203	272.184	273.192	271.176	L[2]
R[23]	2471.502	178.119	158.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=95.30
- ▶ F104936.dat
- ▶ query=q1599_p1
- ▶ precursor=618.881120
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1236.747	1228.737	0.904	1228.231	S 21
G 2	102.553	1172.225	1164.216	0.904	1163.712	G 20
R 3	180.603	1143.715	1135.705	1136.209	1135.201	R 21
G 4	209.114	1095.664	1057.655	1058.159	1057.151	G 20
K 5	273.161	1037.153	1029.144	1029.648	1028.640	K 19
G 6	301.672	971.106	963.096	965.090	964.592	G 18
G 7	330.183	944.595	938.586	937.090	936.082	G 17
K 8	394.230	916.084	908.075	908.579	907.571	K 18
G 9	422.741	852.031	844.027	844.531	843.524	G 15
L 10	479.283	823.520	815.517	816.021	815.013	L 14
G 11	507.794	768.067	759.975	759.479	758.471	G 13
K 12	571.844	728.875	730.404	730.908	729.900	K 12
G 13	600.352	674.426	666.416	666.920	665.913	G 11
G 14	638.863	645.915	637.906	638.410	637.402	G 10
A 15	664.361	617.404	609.395	609.899	608.891	A 9
K 16	749.434	581.896	573.876	574.380	573.373	K 8
R 17	827.485	498.833	488.824	489.328	488.320	R 7
H 18	856.014	418.782	410.773	411.277	410.269	H 6
R 19	974.065	350.253	342.244	342.748	341.740	R 5
K 20	1052.128	272.202	264.193	264.697	263.689	K 4
V 21	1101.662	194.139	186.130	186.634	185.626	V 9
L 22	1158.204	144.065	136.056	137.060	136.052	L 8
R 23	1236.255	98.051	90.042	90.546	89.538	R 1

sp | P62806 | H4_MOUSE

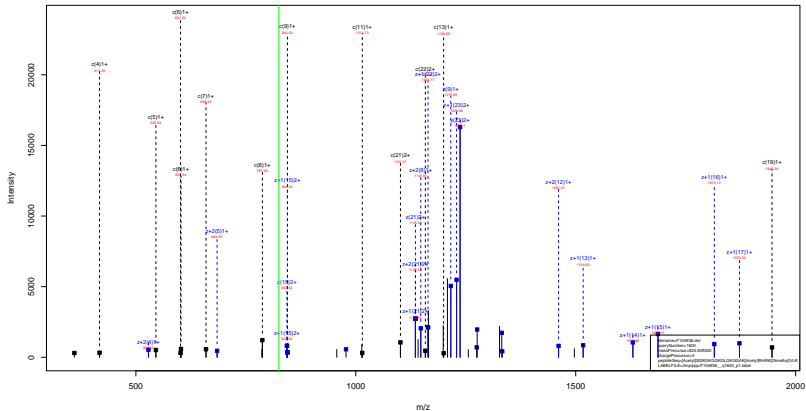
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=95.30
- ▶ F104936.dat
- ▶ query=q1599_p1
- ▶ precursor=618.881120
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	824.833	819.494	0.672	819.158	S[2]
G	[2]	68.704	781.819	776.480	0.672	776.144	G[2]
R	[3]	120.738	762.812	757.473	757.808	757.137	R[2]
G	[4]	139.743	710.778	705.439	705.773	705.103	G[2]
K	[5]	182.443	691.771	686.432	686.768	686.096	K[19]
G	[6]	201.450	649.073	643.733	644.069	643.397	G[18]
G	[7]	220.458	630.066	624.726	625.062	624.390	G[17]
K	[8]	263.156	611.059	605.719	606.055	605.383	K[16]
G	[9]	282.163	568.360	563.021	563.357	562.685	G[15]
L	[10]	319.658	549.353	544.014	544.350	543.678	L[14]
G	[11]	338.665	511.658	506.319	506.655	505.983	G[13]
K	[12]	381.363	492.651	487.312	487.648	486.976	K[12]
G	[13]	400.370	449.953	444.613	444.949	444.277	G[11]
G	[14]	419.378	430.946	425.606	425.942	425.270	G[10]
A	[15]	443.257	411.939	406.599	406.935	406.263	A[9]
K	[16]	499.958	388.260	382.920	383.256	382.584	K[8]
R	[17]	551.992	351.558	346.218	346.554	345.882	R[7]
H	[18]	597.678	279.524	274.185	274.520	273.849	H[6]
R	[19]	649.712	233.838	228.498	228.834	228.162	R[5]
K	[20]	701.754	181.804	176.465	176.800	176.129	K[4]
V	[21]	754.777	129.762	124.422	124.758	124.086	V[9]
L	[22]	772.872	96.739	91.400	91.736	91.064	L[2]
R	[23]	824.505	59.043	53.703	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLR



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.76
- ▶ F104936.dat
- ▶ query=q1600_p1
- ▶ precursor=824.839300
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2472.486	2456.467	0.000	2455.450	S[23]
G[2]	204.098	2343.443	2327.425	0.000	2326.417	G[22]
R[3]	360.199	2286.422	2270.403	2271.411	2269.395	R[21]
G[4]	417.220	2130.321	2114.302	2115.310	2113.294	G[20]
K[5]	545.315	2073.299	2057.280	2058.288	2056.273	K[19]
G[6]	602.337	1945.284	1929.265	1930.273	1928.257	G[18]
G[7]	659.358	1888.183	1872.164	1873.172	1871.156	G[17]
K[8]	787.453	1831.161	1815.143	1816.150	1814.135	K[16]
G[9]	844.475	1770.056	1587.040	1688.055	1686.040	G[15]
L[10]	957.559	1646.045	1630.026	1631.034	1629.018	L[14]
G[11]	1014.580	1532.061	1516.042	1517.050	1515.034	G[13]
R[12]	1143.675	1475.039	1459.021	1460.029	1458.013	R[12]
G[13]	1199.697	1347.044	1331.026	1332.033	1330.018	G[11]
G[14]	1256.718	1290.023	1274.004	1275.012	1273.000	G[10]
A[15]	1327.755	1233.001	1217.083	1218.091	1216.775	A[9]
R[16]	1497.861	1162.764	1146.746	1147.753	1145.738	R[8]
R[17]	1653.062	692.659	676.640	677.648	675.633	R[7]
R[18]	1791.074	638.556	622.537	623.545	621.530	R[6]
R[19]	1947.122	609.499	603.480	604.488	602.472	R[5]
K[20]	2103.248	543.398	527.379	528.387	526.371	K[4]
V[21]	2202.317	497.274	491.255	492.263	490.245	V[3]
L[22]	2315.401	388.203	372.184	373.192	371.176	L[2]
R[23]	2471.502	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.76
- ▶ F104936.dat
- ▶ query=q1600_p1
- ▶ precursor=824.839300
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1236.747	1228.737	0.504	1226.231	S 21
G 2	102.553	1172.225	1164.216	0.504	1163.712	G 22
R 3	180.603	1143.715	1135.705	1136.209	1135.201	R 21
G 4	209.114	1095.664	1057.655	1058.159	1057.151	G 20
K 5	273.161	1037.153	1029.144	1029.648	1028.640	K 19
G 6	301.672	978.100	965.090	965.593	964.585	G 18
G 7	330.183	944.595	936.586	937.090	936.082	G 17
K 8	394.230	916.084	908.075	908.579	907.571	K 16
G 9	422.741	852.031	844.027	844.531	843.524	G 15
L 10	479.283	823.526	815.517	816.021	815.013	L 14
G 11	507.794	768.064	758.075	759.079	758.471	G 13
K 12	571.841	728.873	720.864	721.868	720.860	K 12
G 13	600.352	674.426	666.418	666.920	665.913	G 11
G 14	638.863	645.915	637.906	638.410	637.402	G 10
A 15	664.371	617.404	609.395	609.899	608.891	A 9
K 16	749.414	581.896	573.876	574.380	573.373	K 8
R 17	817.465	498.833	488.823	489.328	488.321	R 7
H 18	856.014	418.782	410.773	411.277	410.269	H 6
R 19	874.025	350.253	342.244	342.748	341.740	R 5
K 20	1052.126	272.202	264.193	264.697	263.689	K 4
V 21	1101.662	194.139	186.130	186.634	185.626	V 3
L 22	1158.204	144.605	136.596	137.100	136.092	L 1
R 23	1238.255	98.051	89.044	89.558	79.550	R 1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.57
- ▶ F104936.dat
- ▶ query=q1661_p1
- ▶ precursor=504.306380
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P1	115.007	2517.488	2501.469	0.000	2500.461	P24
E2	244.129	2420.433	2404.416	0.000	2403.408	E23
P3	341.182	2201.362	2275.373	0.000	2274.366	P22
A4	412.319	2194.330	2178.321	0.000	2177.313	A21
K5	540.314	2123.302	2107.284	2108.291	2106.276	K20
S6	627.346	1995.207	1979.189	1980.196	1978.181	S19
A7	698.393	1908.175	1892.157	1893.164	1891.149	A18
P8	795.436	1837.138	1821.119	1822.127	1820.112	P17
A9	869.473	1746.085	1724.067	1725.075	1723.060	A16
P10	961.526	1669.049	1653.030	1654.037	1652.022	P15
K11	1091.621	1571.998	1555.977	1556.985	1554.969	K14
K12	1261.728	1443.901	1427.880	1428.890	1426.874	K13
G13	1318.746	1273.795	1257.776	1258.784	1256.768	G12
S14	1405.780	1216.774	1200.755	1201.763	1199.747	S11
K15	1633.878	1125.742	1113.723	1114.731	1112.715	K10
K16	1661.976	1001.647	985.628	986.636	984.620	K9
A17	1733.007	873.552	857.533	858.541	856.525	A8
V18	1832.075	802.515	786.496	787.504	785.488	V7
T19	1933.123	703.446	687.427	688.435	686.420	T6
K20	2061.218	602.398	586.380	587.388	585.372	K5
A21	2132.255	474.303	458.285	459.293	457.277	A4
Q22	2260.314	403.265	387.248	388.256	386.240	Q3
K23	2388.409	275.208	259.189	260.197	258.181	K2
K24	2516.504	147.113	131.094	132.102	130.086	K1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl} GSKKAVTKAQKK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.57
- ▶ F104936.dat
- ▶ query=q1661_p1
- ▶ precursor=504.306380
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
F 1	48.043	1259.247	1251.238	0.504	1250.734	P 20
E 2	122.568	1210.721	1202.712	0.504	1202.208	E 23
F 3	171.095	1146.200	1138.190	0.504	1137.686	P 22
A 4	358.611	1097.673	1089.664	0.504	1089.160	A 21
K 5	270.661	1052.155	1054.145	1054.649	1053.644	K 20
S 6	314.177	998.107	990.098	990.602	989.594	S 19
A 7	349.695	954.591	946.582	947.086	946.070	A 18
F 8	398.222	919.073	911.063	911.567	910.559	P 17
A 9	433.740	870.549	862.537	863.041	862.033	A 16
T 10	493.269	835.028	827.018	827.523	826.515	T 15
K 11	546.314	786.501	778.492	778.996	777.988	K 14
K 12	631.367	722.454	714.445	714.948	713.941	K 13
G 13	659.878	637.401	629.392	629.896	628.888	G 12
S 14	703.364	608.890	600.881	601.385	600.377	S 11
K 15	707.441	568.374	557.365	557.869	556.861	K 10
K 16	831.488	501.327	493.318	493.821	492.814	K 9
A 17	887.009	437.276	429.270	429.774	428.766	A 8
V 18	916.541	401.761	393.752	394.256	393.248	V 7
T 19	967.085	352.237	344.227	344.731	343.723	T 6
K 20	1031.113	301.703	293.693	294.197	293.190	K 5
A 21	1058.611	237.655	229.646	230.150	229.142	A 4
Q 22	1130.660	202.137	194.127	194.631	193.624	Q 3
K 23	1194.708	138.108	130.098	130.602	129.594	K 2
K 24	1258.755	74.060	66.051	66.555	65.547	K 1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSKKAVTKAQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.57
- ▶ F104936.dat
- ▶ query=q1661.p1
- ▶ precursor=504.306380
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	839.834	834.494	0.672	834.159	P[24]
E[2]	82.048	807.483	802.144	0.672	801.808	E[23]
P[3]	114.399	764.466	756.129	0.672	758.793	P[22]
A[4]	138.078	732.118	726.778	0.672	726.442	A[21]
K[5]	180.776	708.439	703.099	703.435	702.763	K[20]
S[6]	209.787	665.741	660.401	660.737	660.065	S[19]
A[7]	233.466	636.730	631.390	631.726	631.054	A[18]
F[8]	265.817	613.051	607.711	608.047	607.379	F[17]
A[9]	289.496	588.705	575.360	575.696	575.024	A[16]
P[10]	321.947	557.021	551.681	552.017	551.349	P[15]
K[11]	364.545	524.670	519.330	519.666	518.995	K[14]
K[12]	421.247	481.972	476.632	476.968	476.296	K[13]
G[13]	440.254	425.270	419.930	420.266	419.594	G[12]
S[14]	469.265	406.263	400.923	401.259	400.587	S[11]
K[15]	511.963	377.262	371.922	372.248	371.577	K[10]
K[16]	554.661	334.554	329.214	329.550	328.878	K[9]
A[17]	578.340	-91.895	286.518	286.852	286.180	A[8]
V[18]	611.363	268.176	262.837	263.173	262.501	V[7]
T[19]	643.046	235.156	229.814	230.150	229.478	T[6]
K[20]	687.744	201.471	196.131	196.467	195.795	K[5]
A[21]	711.423	158.773	153.433	153.769	153.097	A[4]
Q[22]	754.109	135.094	129.754	130.090	129.418	Q[3]
K[23]	796.808	92.407	87.068	87.404	86.732	K[2]
K[24]	839.506	49.709	44.370	44.705	44.034	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=50.57
- ▶ F104936.dat
- ▶ query=q1661.p1
- ▶ precursor=504.306380
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	29.527	630.127	626.123	0.755	625.071	P[24]
E	2	51.788	505.054	601.859	0.755	601.608	E[23]
P	3	96.051	573.603	569.599	0.755	569.347	P[22]
A	4	103.810	549.340	545.336	0.755	545.084	A[21]
K	5	135.834	531.581	527.576	527.828	527.524	K[20]
S	6	157.592	499.557	495.553	495.805	495.501	S[19]
A	7	175.351	477.799	473.795	474.047	473.543	A[18]
P	8	199.614	460.040	456.035	456.287	455.783	P[17]
A	9	217.374	438.777	434.772	432.024	431.520	A[16]
P	10	241.637	418.011	414.013	418.265	413.761	P[15]
K	11	273.561	393.754	389.750	390.002	389.498	K[14]
K	12	316.187	361.731	357.726	357.978	357.474	K[13]
G	13	330.442	319.204	315.200	315.451	314.948	G[12]
S	14	352.200	304.949	300.944	301.196	300.692	S[11]
K	15	384.234	283.191	279.186	279.438	278.934	K[10]
K	16	416.248	251.167	247.162	247.414	246.910	K[9]
A	17	434.007	219.143	215.139	215.391	214.887	A[8]
V	18	458.774	201.384	197.379	197.631	197.127	V[7]
T	19	484.036	176.617	172.612	172.864	172.360	T[6]
K	20	516.050	151.355	147.350	147.602	147.098	K[5]
A	21	533.819	119.331	115.327	115.579	115.075	A[4]
Q	22	565.834	101.572	97.567	97.819	97.315	Q[3]
K	23	597.898	69.957	65.953	66.805	65.801	K[2]
K	24	629.881	37.534	33.529	33.781	33.277	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK_{42.01} Acetyl GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl RHRK_{28.03} Dimethyl VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=99.07
- ▶ F104936.dat
- ▶ query=q1708_p1
- ▶ precursor=639.886870
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2556.507	2540.488	0.000	2539.468	S[23]
G[2]	304.098	2427.464	2411.446	0.000	2410.438	G[22]
R[3]	360.199	2370.443	2354.424	2355.432	2353.416	R[21]
G[4]	417.220	2214.342	2198.323	2199.331	2197.315	G[20]
K[5]	543.315	2137.320	2121.302	2142.309	2140.293	K[19]
G[6]	602.137	2039.225	2013.207	2014.214	2012.199	G[18]
G[7]	659.358	1972.204	1956.185	1957.193	1955.177	G[17]
K[8]	829.464	1915.182	1899.164	1900.172	1898.156	K[16]
G[9]	886.485	1745.077	1729.058	1730.066	1728.050	G[15]
L[10]	999.569	1688.055	1672.037	1673.045	1671.029	L[14]
G[11]	1056.591	1574.071	1558.953	1559.960	1557.945	G[13]
R[12]	1228.696	1317.956	1301.937	1302.946	1300.931	R[12]
G[13]	1283.718	1247.844	1231.826	1232.833	1230.818	G[11]
G[14]	1340.739	1200.823	1274.804	1275.812	1273.796	G[10]
A[15]	1441.776	1233.801	1217.783	1218.791	1216.775	A[0]
K[16]	1581.882	1162.764	1146.746	1147.753	1145.738	K[8]
R[17]	1737.983	992.659	976.640	977.648	975.633	R[7]
T[18]	1875.042	836.598	820.539	821.547	819.531	T[6]
R[19]	2031.143	699.499	683.480	684.488	682.472	R[5]
K[20]	2187.269	543.398	527.379	528.387	526.371	K[4]
V[21]	2286.338	387.271	371.253	372.261	370.245	V[3]
L[22]	2399.422	288.203	272.184	273.192	271.176	L[2]
R[23]	2555.523	178.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=99.07
- ▶ F104936.dat
- ▶ query=q1708_p1
- ▶ precursor=639.886870
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1278.757	1278.740	0.504	1278.244	S 21
G 2	102.553	1214.238	1206.226	0.504	1205.723	G 22
R 3	186.603	1185.725	1177.716	1178.220	1177.212	R 21
G 4	209.114	1107.675	1099.665	1100.169	1099.161	G 20
K 5	273.161	1079.164	1071.154	1071.658	1070.651	K 19
G 6	301.674	1015.235	1007.137	1007.611	1006.503	G 18
G 7	330.183	988.695	978.596	979.100	978.092	G 17
K 8	415.236	958.095	950.085	950.589	949.582	K 16
G 9	443.746	873.042	865.033	865.537	864.529	G 15
L 10	500.288	844.511	836.522	837.026	836.010	L 14
G 11	528.799	787.069	775.980	780.484	778.476	G 13
K 12	613.852	759.672	751.409	751.973	750.965	K 12
G 13	642.363	674.426	666.416	666.920	665.913	G 11
G 14	670.873	645.915	637.906	638.410	637.402	G 10
A 15	708.382	617.404	609.395	609.899	608.891	A 9
K 16	791.445	581.886	573.876	574.380	573.373	K 8
R 17	869.495	498.833	488.824	489.328	488.320	R 7
H 18	938.025	418.782	410.773	411.277	410.269	H 6
R 19	1016.075	350.253	342.244	342.748	341.740	R 5
K 20	1094.138	272.202	264.193	264.697	263.689	K 4
V 21	1143.673	194.139	186.130	186.634	185.626	V 3
L 22	1280.215	144.065	136.056	137.060	136.052	L 1
R 23	1278.265	98.051	89.042	89.556	79.550	R 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=99.07
- ▶ F104936.dat
- ▶ query=q1708_p1
- ▶ precursor=639.886870
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	852.841	847.501	0.672	847.165	S[23]
G	[2]	68.704	809.826	804.487	0.672	804.151	G[22]
R	[3]	120.738	790.819	785.480	785.816	785.144	R[21]
G	[4]	139.143	738.785	733.446	733.762	733.110	G[20]
K	[5]	182.443	719.778	714.439	714.775	714.103	K[19]
G	[6]	201.450	677.080	671.740	672.076	671.404	G[18]
G	[7]	220.458	658.073	652.733	653.069	652.397	G[17]
K	[8]	277.159	639.066	633.726	634.062	633.390	K[16]
G	[9]	296.167	582.364	577.024	577.360	576.688	G[15]
L	[10]	333.661	563.357	558.017	558.353	557.681	L[14]
G	[11]	352.668	525.662	520.322	520.658	519.986	G[13]
K	[12]	409.570	506.655	501.315	501.651	500.979	K[12]
G	[13]	428.577	449.953	444.613	444.949	444.277	G[11]
G	[14]	447.585	430.946	425.606	425.942	425.270	G[10]
A	[15]	471.264	411.939	406.599	406.935	406.263	A[9]
K	[10]	527.966	388.260	382.920	383.256	382.584	K[8]
R	[17]	579.999	331.558	326.218	326.554	325.882	R[7]
H	[16]	625.686	279.524	274.185	274.520	273.849	H[6]
R	[19]	677.719	233.838	228.498	228.834	228.162	R[5]
K	[20]	729.761	181.804	176.465	176.800	176.129	K[4]
V	[21]	762.784	129.762	124.422	124.758	124.086	V[9]
L	[22]	800.879	86.739	81.400	81.736	81.064	L[2]
R	[23]	852.513	39.043	33.703	34.041	33.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=128.02
- ▶ F104936.dat
- ▶ query=q1754_p1
- ▶ precursor=650.389230
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.676	2598.518	2582.499	0.0000	2681.491	S[23]
G[2]	304.098	2469.475	2453.456	0.0000	2452.448	G[22]
R[3]	360.199	2412.453	2396.435	2397.443	2395.427	R[21]
G[4]	417.220	2256.352	2240.334	2241.341	2239.326	G[20]
K[5]	587.326	2190.331	2183.312	2184.320	2182.305	K[19]
G[6]	644.347	2029.225	2013.207	2014.214	2012.199	G[18]
G[7]	701.369	1972.204	1956.185	1957.193	1955.177	G[17]
K[8]	871.474	1915.182	1899.164	1900.172	1898.156	K[16]
G[9]	928.496	1745.077	1729.059	1730.066	1728.050	G[15]
L[10]	1041.580	1688.055	1672.037	1673.045	1671.029	L[14]
G[11]	1098.601	1574.971	1558.953	1559.960	1557.945	G[13]
R[12]	1268.707	1517.950	1501.931	1502.939	1500.924	R[12]
G[13]	1325.728	1347.844	1331.826	1332.833	1330.818	G[11]
G[14]	1382.750	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1453.787	1233.801	1217.783	1218.791	1216.775	A[9]
K[16]	1623.893	1162.764	1146.745	1147.753	1145.738	K[8]
R[17]	1779.994	992.699	976.680	977.688	975.672	R[7]
T[18]	1817.053	836.558	820.539	821.547	819.531	T[6]
R[19]	2073.154	699.459	683.480	684.488	682.472	R[5]
K[20]	2229.260	543.398	527.379	528.387	526.371	K[4]
V[21]	2328.348	387.271	371.253	372.261	370.245	V[3]
L[22]	2441.432	288.203	272.184	273.192	271.176	L[2]
R[23]	2597.534	175.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**^{Dimethyl}_{28.03} **VLR**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=128.02
- ▶ F104936.dat
- ▶ query=q1754_p1
- ▶ precursor=650.389230
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1299.762	1291.753	0.504	1291.260	S 21
G 2	102.553	1235.241	1227.232	0.504	1226.739	G 22
R 3	180.603	1206.730	1198.721	1199.225	1198.217	R 21
G 4	209.114	1128.680	1120.670	1121.174	1120.167	G 20
K 5	288.167	1100.169	1092.160	1092.664	1091.656	K 19
G 6	322.679	1035.135	1007.107	1007.611	1006.603	G 18
G 7	351.188	988.605	978.596	979.100	978.092	G 17
K 8	430.241	958.095	950.085	950.589	949.582	K 16
G 9	464.752	873.042	865.033	865.537	864.529	G 15
L 10	521.294	844.511	836.522	837.026	836.018	L 14
G 11	569.804	787.989	775.980	780.484	779.476	G 13
K 12	634.857	759.479	751.469	751.973	750.965	K 12
G 13	663.368	674.426	666.416	666.920	665.913	G 11
G 14	691.879	645.915	637.906	638.410	637.402	G 10
A 15	727.397	617.404	609.395	609.899	608.891	A 9
K 16	812.450	581.886	573.876	574.380	573.373	K 8
R 17	898.500	498.833	488.824	489.328	488.321	R 7
H 18	959.030	418.782	410.773	411.277	410.269	H 6
R 19	1037.080	350.253	342.244	342.748	341.740	R 5
K 20	1115.144	272.202	264.193	264.697	263.689	K 4
V 21	1164.678	194.139	186.130	186.634	185.626	V 3
L 22	1221.220	144.065	136.056	137.060	136.052	L 1
R 23	1269.270	88.051	80.042	80.546	79.538	R 1

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GRK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**^{Dimethyl}_{28.03} **VLR**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=128.02
- ▶ F104936.dat
- ▶ query=q1754_p1
- ▶ precursor=650.389230
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	866.844	861.504	0.672	861.169	S[23]
G	[2]	68.704	823.830	818.490	0.672	818.154	G[22]
R	[3]	120.738	804.823	799.483	799.819	799.147	R[21]
G	[4]	139.743	752.789	747.449	747.783	747.113	G[20]
K	[5]	196.447	733.782	728.442	728.778	728.106	K[19]
G	[6]	215.454	677.080	671.740	672.076	671.404	G[18]
G	[7]	234.461	658.073	652.733	653.069	652.397	G[17]
K	[8]	291.163	639.066	633.726	634.062	633.390	K[16]
G	[9]	310.170	582.964	577.624	577.960	576.688	G[15]
L	[10]	347.885	563.357	558.017	558.353	557.681	L[14]
G	[11]	366.872	525.662	520.322	520.658	519.986	G[13]
K	[12]	423.574	506.655	501.315	501.651	500.979	K[12]
G	[13]	442.581	449.953	444.613	444.949	444.277	G[11]
G	[14]	461.588	430.946	425.606	425.942	425.270	G[10]
A	[15]	485.267	411.939	406.599	406.935	406.263	A[9]
K	[16]	541.969	388.260	382.920	383.256	382.584	K[8]
R	[17]	594.063	331.558	326.218	326.554	325.882	R[7]
H	[18]	639.689	279.524	274.185	274.520	273.849	H[6]
R	[19]	691.723	233.838	228.498	228.834	228.162	R[5]
K	[20]	743.765	181.804	176.465	176.800	176.129	K[4]
V	[21]	776.788	129.762	124.422	124.758	124.086	V[3]
L	[22]	814.882	96.739	91.400	91.736	91.064	L[2]
R	[23]	866.516	59.043	53.703	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **RHRK** Dimethyl
28.03 **VLR**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.82
- ▶ F104936.dat
- ▶ query=q1755_p1
- ▶ precursor=866.850870
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2586.518	2582.499	0.000	2581.491	S[23]
G[2]	304.058	2469.475	2453.456	0.000	2452.448	G[22]
R[3]	360.199	2412.453	2396.435	2397.443	2395.427	R[21]
G[4]	417.220	2256.352	2240.334	2241.341	2239.326	G[20]
K[5]	587.326	2190.331	2183.312	2184.320	2182.305	K[19]
G[6]	644.347	2079.225	2013.207	2014.214	2012.199	G[18]
G[7]	701.369	1972.204	1956.185	1957.193	1955.177	G[17]
K[8]	871.474	1915.182	1899.164	1900.172	1898.156	K[16]
G[9]	928.496	1745.077	1729.058	1730.066	1728.050	G[15]
L[10]	1041.580	1688.055	1672.037	1673.045	1671.029	L[14]
G[11]	1098.601	1574.971	1558.952	1559.960	1557.945	G[13]
R[12]	1268.707	1317.950	1301.931	1302.939	1300.923	R[12]
G[13]	1325.728	1247.844	1331.826	1332.833	1330.818	G[11]
G[14]	1382.750	1200.823	1274.804	1275.812	1273.796	G[10]
A[15]	1453.787	1233.801	1217.783	1218.791	1216.775	A[0]
K[16]	1523.893	1162.764	1146.746	1147.753	1145.738	K[8]
R[17]	1779.894	992.659	976.640	977.648	975.632	R[7]
T[18]	1917.053	836.568	820.539	821.547	819.531	T[6]
R[19]	2073.154	699.499	683.480	684.488	682.472	R[5]
K[20]	2229.260	543.398	527.379	528.387	526.371	K[4]
V[21]	2328.346	387.271	371.253	372.261	370.245	V[3]
L[22]	2441.432	288.203	272.184	273.192	271.176	L[2]
R[23]	2597.534	175.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

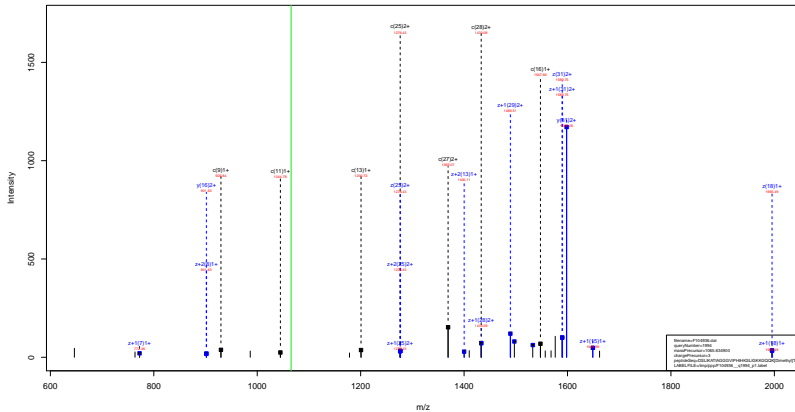
[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **RHRK** Dimethyl
28.03 **VLR**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.82
- ▶ F104936.dat
- ▶ query=q1755_p1
- ▶ precursor=866.850870
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1299.762	1291.753	0.504	1291.249	S 21
G 2	102.553	1235.241	1227.232	0.504	1226.728	G 20
R 3	180.603	1206.730	1198.721	1.199.225	1198.217	R 21
G 4	209.114	1128.680	1120.670	1121.174	1120.167	G 20
K 5	298.167	1100.169	1092.160	1092.664	1091.656	K 19
G 6	322.678	1035.135	1007.137	1007.613	1006.597	G 18
G 7	351.188	988.605	978.595	979.100	975.052	G 17
K 8	436.241	958.095	950.085	950.589	949.582	K 16
G 9	464.752	873.042	865.033	865.537	864.529	G 15
L 10	521.294	844.511	836.522	837.026	836.018	L 14
G 11	569.804	787.989	779.980	780.484	779.476	G 13
K 12	634.857	759.479	751.469	751.973	750.965	K 12
G 13	663.368	674.425	666.416	666.920	665.913	G 11
G 14	691.879	645.915	637.906	638.410	637.402	G 10
A 15	727.397	617.404	609.395	609.899	608.891	A 9
K 16	812.450	581.886	573.876	574.380	573.373	K 8
R 17	880.500	496.833	488.823	489.328	488.321	R 7
H 18	959.030	418.782	410.773	411.277	410.269	H 6
R 19	1037.080	350.253	342.244	342.748	341.740	R 5
K 20	1115.144	272.202	264.193	264.697	263.689	K 4
V 21	1164.678	194.139	186.130	186.634	185.626	V 9
L 22	1221.220	144.665	136.656	137.160	136.152	L 8
R 23	1299.270	98.051	89.044	89.558	79.550	R 1

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLIGKKGQQK ^{Dimethyl} TA
28.03



sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLIGKKGQQK ^{Dimethyl}TA
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=25.93
- ▶ F104936.dat
- ▶ query=q1994_p1
- ▶ precursor=1065.634900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA		
D	1	133.061	1194.874	3176.855	0.000	3177.847	D	31
S	3	333.093	3179.849	3943.829	0.000	3942.820	S	30
L	3	333.177	2992.835	2976.790	0.000	2975.782	L	29
I	4	446.261	2879.731	2863.712	0.000	2862.704	I	28
K	5	574.356	2766.646	2750.628	2751.636	2749.620	K	27
A	6	645.393	2638.552	2622.533	2623.541	2621.525	A	26
T	7	746.441	2567.514	2551.490	2552.504	2550.488	T	25
I	8	869.576	2466.467	2450.443	2451.456	2449.440	I	24
A	9	930.562	2353.383	2337.354	2338.372	2336.356	A	23
G	10	987.583	2282.346	2266.327	2267.335	2265.310	G	22
G	11	1044.605	2225.324	2209.305	2210.313	2208.290	G	21
G	12	1101.626	2168.303	2152.284	2153.292	2151.276	G	20
V	13	1200.695	2111.281	2095.262	2096.270	2094.253	V	19
I	14	1213.719	2032.233	1996.194	1997.202	1995.186	I	18
P	15	1410.831	1899.129	1883.110	1884.118	1882.102	P	17
H	16	1547.890	1802.076	1786.057	1787.065	1785.049	H	16
I	17	1660.974	1695.017	1648.998	1650.006	1647.990	I	15
H	18	1798.033	1551.933	1535.914	1536.922	1534.906	H	14
K	19	1826.128	1414.874	1398.855	1399.863	1397.847	K	13
S	20	2013.160	1298.779	1279.760	1279.768	1296.751	S	12
L	21	2126.244	1199.747	1183.728	1184.736	1182.720	L	11
I	22	2239.328	1086.663	1070.644	1071.652	1069.636	I	10
G	23	2296.359	973.579	957.560	958.568	956.552	G	9
K	24	2424.445	916.557	900.539	901.547	899.531	K	8
T	25	2632.540	798.462	772.444	773.452	771.436	T	7
G	26	2699.561	699.366	684.347	685.355	683.340	G	6
Q	27	2737.620	601.348	587.329	588.336	586.320	Q	5
Q	28	2865.679	475.287	459.269	460.277	458.261	Q	4
K	29	3021.805	347.229	331.210	332.218	330.202	K	3
T	30	3122.852	191.103	175.084	176.092	174.076	T	2
A	31	3193.890	90.059	74.039	75.044	73.028	A	1

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLIGKKGQQK ^{Dimethyl}TA
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=25.93
- ▶ F104936.dat
- ▶ query=q1994_p1
- ▶ precursor=1065.634900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
D	1	67.034	1597.940	1589.931	0.504	1589.427	D[31]
S	2	116.550	1540.471	1532.418	0.504	1531.914	S[30]
L	3	167.062	1499.911	1488.902	0.504	1488.396	L[29]
I	4	223.434	1440.369	1432.360	0.504	1431.850	I[28]
K	5	287.682	1383.827	1375.818	1376.321	1375.314	K[27]
A	6	323.200	1319.779	1311.770	1312.274	1311.266	A[26]
T	7	373.724	1284.261	1276.251	1276.755	1276.748	T[25]
I	8	430.266	1233.731	1225.723	1226.212	1225.204	I[24]
A	9	485.785	1177.195	1169.186	1169.690	1168.682	A[23]
G	10	494.295	1141.676	1133.667	1134.171	1133.163	G[22]
G	11	542.806	1113.166	1105.156	1105.660	1104.652	G[21]
G	12	551.317	1084.655	1076.646	1077.149	1076.142	G[20]
V	13	606.851	1056.144	1048.135	1048.639	1047.631	V[19]
I	14	657.363	1006.610	998.601	999.105	998.097	I[18]
F	15	705.919	950.068	942.059	942.563	941.555	F[17]
H	16	774.449	901.542	893.532	894.036	893.028	H[16]
I	17	839.991	833.012	825.003	825.507	824.499	I[15]
H	18	899.520	776.470	768.461	768.965	767.957	H[14]
K	19	953.968	707.943	699.933	700.438	699.431	K[13]
S	20	1007.284	643.933	635.924	636.428	635.421	S[12]
L	21	1063.626	600.377	592.368	592.872	591.864	L[11]
I	22	1100.168	543.835	535.826	536.330	535.322	I[10]
G	23	1148.679	487.293	479.284	479.788	478.780	G[9]
K	24	1172.764	458.762	450.753	451.257	450.250	K[8]
K	25	1276.774	394.735	386.726	387.230	386.222	K[7]
G	26	1305.284	330.687	322.678	323.182	322.174	G[6]
Q	27	1369.314	303.177	294.167	294.671	293.663	Q[5]
Q	28	1433.343	238.147	230.138	230.642	229.634	Q[4]
K	29	1511.836	174.119	166.109	166.613	165.605	K[3]
T	30	1603.930	98.085	88.080	88.584	87.543	T[2]
A	31	1597.448	48.531	37.522	38.026	37.018	A[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.48
- ▶ F104936.dat
- ▶ query=q2207_p1
- ▶ precursor=619.505050
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D 1	1511.061	4330.497	4314.479	0.000	4313.477	D40
E 2	262.103	4232.476	4199.462	0.000	4198.464	E39
E 3	391.146	4036.425	4070.409	0.000	4059.407	E18
L 4	504.230	3957.385	3941.366	0.000	3940.359	L37
N 5	618.273	3844.301	3838.282	0.000	3829.290	N36
K 6	798.308	3730.258	3714.239	3715.247	3713.232	K35
L 7	859.452	3602.163	3586.144	3587.152	3585.137	L34
L 8	972.536	3489.079	3473.060	3474.068	3472.051	L33
G 9	1029.558	3375.995	3359.976	3360.984	3358.969	G32
K10	1185.684	3318.974	3302.955	3303.963	3301.947	K31
V11	1284.752	3162.847	3146.829	3147.836	3145.821	V30
T12	1385.800	3063.779	3047.760	3048.768	3046.752	T29
L13	1498.884	2962.731	2946.713	2947.720	2945.705	L28
A14	1569.921	2849.647	2833.628	2834.636	2832.621	A27
Q15	1697.989	2738.610	2722.591	2723.599	2721.584	Q26
G16	1755.001	2650.552	2634.533	2635.541	2633.525	G25
G17	1812.023	2593.530	2577.511	2578.519	2576.504	G24
V18	1911.091	2536.509	2520.490	2521.498	2519.482	V23
L19	2024.175	2437.468	2421.449	2422.457	2420.441	L22
P20	2121.258	2324.356	2308.337	2309.345	2307.330	P21
N21	2235.371	2227.303	2211.285	2212.292	2210.277	N20
I22	2348.355	2113.260	2097.242	2098.250	2096.234	I19
Q23	2476.413	2000.178	1984.159	1985.167	1983.151	Q18
A24	2547.450	1872.118	1856.099	1857.107	1855.091	A17
V25	2646.519	1801.081	1785.062	1786.070	1784.054	V16
L26	2759.603	1702.012	1685.994	1687.001	1684.985	L15
L27	2872.687	1588.928	1572.909	1573.917	1571.902	L14
P28	2969.740	1475.844	1459.825	1460.833	1458.818	P13
K29	3097.835	1378.791	1362.773	1363.780	1361.765	K12
K30	3225.930	1250.696	1234.678	1235.685	1233.670	K11
I31	3358.977	1122.607	1106.583		1105.575	I10
E32	3456.020	1021.554	1005.535	1006.543	1004.527	E9
S33	3543.052	892.511	876.492	877.500	875.485	S8
H34	3680.111	805.479	789.460	790.468	788.453	H7
H35	3817.170	668.420	652.401	653.409	651.394	H6
K36	3945.265	531.361	515.343	516.350	514.335	K5
A37	4019.302	403.356	387.348		388.355	A4
K38	4144.397	332.220	316.211	317.218	315.202	K3
G39	4201.418	204.134	188.116	189.123	187.108	G2
K40	4329.513	147.113	131.094	132.102	130.089	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK _{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.48
- ▶ F104936.dat
- ▶ query=q2207_p1
- ▶ precursor=619.505050
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
D	1	67.034	2165.752	2157.743	0.504	2157.239	D[40]
E	2	131.555	2108.239	2100.229	0.504	2099.726	E[39]
E	3	188.077	2043.715	2035.705	0.504	2035.201	E[38]
L	4	252.619	1979.190	1971.187	0.504	1970.683	L[37]
N	5	309.640	1922.654	1914.645	1915.140	1914.141	N[36]
K	6	374.668	1865.633	1857.623	1858.127	1857.119	K[35]
L	7	430.230	1801.585	1793.576	1794.080	1793.072	L[34]
L	8	486.772	1748.043	1740.034	1737.538	1736.530	L[33]
G	9	515.282	1708.501	1699.492	1698.986	1697.980	G[32]
K	10	593.346	1659.990	1651.981	1652.485	1651.477	K[31]
V	11	642.880	1581.027	1573.918	1574.422	1573.414	V[30]
T	12	693.404	1532.393	1524.384	1524.888	1523.880	T[29]
T	13	749.946	1484.059	1473.050	1474.364	1473.356	T[28]
A	14	785.464	1425.327	1417.318	1417.822	1416.814	A[27]
G	15	849.493	1359.809	1381.799	1382.303	1381.295	G[26]
G	16	878.004	1325.779	1317.770	1318.274	1317.266	G[25]
G	17	906.515	1297.266	1289.259	1289.763	1288.755	G[24]
V	18	956.049	1268.758	1260.749	1261.252	1260.245	V[23]
L	19	1025.547	1219.224	1211.214	1211.718	1210.710	L[22]
P	20	1061.118	1182.682	1174.673	1175.176	1174.168	P[21]
N	21	1118.139	1114.155	1106.146	1106.650	1105.642	N[20]
I	22	1174.681	1057.134	1049.124	1049.628	1048.621	I[19]
Q	23	1238.710	1000.592	992.582	993.086	992.079	Q[18]
A	24	1274.229	936.563	928.553	929.057	928.049	A[17]
V	25	1313.767	869.044	893.035	893.539	892.531	V[16]
L	26	1380.305	851.510	843.500	844.004	843.000	L[15]
L	27	1436.847	794.968	786.958	787.462	786.454	L[14]
P	28	1465.374	738.426	730.416	730.920	729.912	P[13]
K	29	1549.421	669.899	661.890	662.394	661.386	K[12]
K	30	1613.668	625.852	617.842	618.346	617.338	K[11]
T	31	1663.992	561.834	553.795	554.299	553.291	T[10]
E	32	1728.514	511.261	503.271	503.775	502.767	E[9]
S	33	1772.030	446.759	438.750	439.254	438.246	S[8]
H	34	1840.559	403.243	395.234	395.738	394.730	H[7]
H	35	1899.089	334.714	326.704	327.208	326.200	H[6]
K	36	1973.136	368.184	280.175	280.679	279.671	K[5]
A	37	2058.655	202.137	194.127	194.631	193.624	A[4]
K	38	2072.702	166.618	158.609	159.113	158.105	K[3]
G	39	2161.211	102.571	94.561	95.065	94.057	G[2]
K	40	2185.260	74.060	66.051	66.555	65.547	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.48
- ▶ F104936.dat
- ▶ query=q2207_p1
- ▶ precursor=619.505050
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
D	1	45.025	1444.171	1438.831	0.672	1438.495	D[40]
E	2	88.039	1405.628	1400.489	0.672	1400.153	E[39]
E	3	131.054	1362.814	1357.475	0.672	1357.139	E[38]
L	4	188.748	1319.800	1314.460	0.672	1314.124	L[37]
N	5	206.762	1282.105	1276.766	1277.102	1276.430	N[36]
K	6	249.401	1244.091	1238.751	1239.087	1238.415	K[35]
L	7	287.156	1201.393	1196.053	1196.389	1195.717	L[34]
L	8	324.850	1163.099	1158.769	1158.894	1158.622	L[33]
G	9	343.357	1128.003	1123.694	1121.000	1120.326	G[32]
K	10	395.899	1106.996	1101.656	1101.992	1101.321	K[31]
V	11	438.922	1054.954	1049.614	1049.950	1049.277	V[30]
T	12	482.605	1017.931	1016.592	1016.928	1016.256	T[29]
L	13	500.259	988.249	982.909	983.245	982.573	L[28]
A	14	523.979	958.594	954.212	945.550	944.878	A[27]
Q	15	566.695	920.875	921.535	921.871	921.199	Q[26]
G	16	585.672	884.189	878.849	879.185	878.513	G[25]
G	17	604.679	865.182	859.842	860.178	859.506	G[24]
V	18	637.702	846.174	840.835	841.171	840.499	V[23]
L	19	675.397	813.152	807.812	808.148	807.476	L[22]
T	20	707.747	775.457	770.117	770.553	769.881	T[21]
N	21	748.762	743.108	737.766	738.102	737.430	N[20]
I	22	783.456	705.092	699.752	700.088	699.416	I[19]
Q	23	826.143	667.397	662.057	662.393	661.721	Q[18]
A	24	849.822	634.711	630.371	630.707	630.035	A[17]
V	25	882.844	603.035	595.692	596.028	595.356	V[16]
L	26	905.519	568.009	562.669	563.005	562.333	L[15]
L	27	958.234	530.314	524.975	525.311	524.639	L[14]
F	28	990.585	492.620	487.280	487.616	486.944	F[13]
K	29	1033.283	460.289	454.929	455.265	454.593	K[12]
K	30	1075.981	429.576	424.236	424.567	423.895	K[11]
T	31	1109.664	374.872	369.532	369.868	369.196	T[10]
E	32	1152.678	341.188	335.850	336.186	335.514	E[9]
S	33	1181.689	298.175	292.836	293.172	292.500	S[8]
H	34	1227.375	269.185	263.825	264.161	263.489	H[7]
H	35	1273.063	223.478	218.139	218.475	217.803	H[6]
K	36	1315.760	177.762	172.483	172.768	172.110	K[5]
A	37	1339.439	135.094	129.754	130.090	129.418	A[4]
K	38	1382.137	111.415	106.075	106.411	105.739	K[3]
G	39	1461.144	68.716	63.377	63.713	63.041	G[2]
K	40	1443.643	49.709	44.370	44.705	44.034	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK _{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=42.48
- ▶ F104936.dat
- ▶ query=q2207_p1
- ▶ precursor=619.505050
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	a=1	a=2	z	AA	
D	1	34.621	1083.380	1079.375	0.755	1079.712	L(40)
E	2	66.281	1084.127	1050.618	0.755	1050.366	L(39)
E	3	98.542	1022.362	1018.358	0.755	1018.100	E(38)
L	4	126.813	990.102	986.097	0.755	985.848	L(37)
N	5	155.324	961.831	957.826	958.076	957.574	N(36)
K	6	187.347	933.320	929.315	929.567	929.063	K(35)
L	7	215.618	901.296	897.292	897.544	897.040	L(34)
L	8	243.889	873.026	869.021	869.773	869.769	L(33)
G	9	258.145	844.754	840.750	841.002	840.498	G(32)
K	10	297.176	830.499	826.494	826.746	826.242	K(31)
V	11	321.944	791.467	787.461	787.715	787.211	V(30)
T	12	347.205	766.700	762.696	762.947	762.444	T(29)
L	13	375.476	741.438	737.434	737.686	737.182	L(28)
A	14	392.736	713.167	705.163	705.415	705.911	A(27)
Q	15	425.250	695.408	691.403	691.655	691.151	Q(26)
G	16	439.506	663.393	659.389	659.641	659.137	G(25)
G	17	453.701	649.138	645.133	645.385	644.881	G(24)
V	18	478.526	634.883	630.878	631.130	630.626	V(23)
L	19	506.799	610.116	606.111	606.363	605.859	L(22)
P	20	531.062	581.844	577.840	578.092	577.588	P(21)
N	21	559.575	557.581	553.577	553.829	553.325	N(20)
I	22	587.844	529.071	525.066	525.318	524.814	I(19)
Q	23	619.859	500.800	496.795	497.047	496.543	Q(18)
A	24	637.618	468.785	464.780	465.032	464.528	A(17)
V	25	662.385	451.020	447.021	447.273	446.769	V(16)
L	26	690.656	426.759	422.754	422.999	422.495	L(15)
L	27	718.927	397.868	393.863	394.135	393.731	L(14)
P	28	743.190	369.710	365.712	365.964	365.460	P(13)
K	29	775.214	345.453	341.449	341.701	341.197	K(12)
K	30	807.238	313.430	309.425	309.677	309.173	K(11)
T	31	832.500	281.406	277.401	277.653	277.149	T(10)
E	32	864.760	259.144	255.139	255.391	254.887	E(9)
S	33	896.518	223.883	219.879	220.131	219.627	S(8)
H	34	920.783	202.125	198.121	198.373	197.869	H(7)
H	35	955.046	167.861	163.856	164.108	163.604	H(6)
K	36	987.072	133.590	129.581	129.843	129.339	K(5)
A	37	1004.831	101.575	97.567	97.819	97.315	A(4)
K	38	1026.858	83.811	79.808	80.060	79.556	K(3)
G	39	1051.110	51.789	47.784	48.036	47.532	G(2)
K	40	1083.134	37.534	33.529	33.781	33.277	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=42.48
- ▶ F104936.dat
- ▶ query=q2207_p1
- ▶ precursor=619.505050
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	27.418	866.905	863.702	0.806	863.900	D[40]
E[2]	83.226	843.900	840.696	0.806	840.895	E[39]
E[3]	79.035	818.093	814.889	0.806	814.686	E[38]
L[4]	101.052	792.261	789.079	0.806	788.878	L[37]
N[5]	124.460	769.666	766.462	766.664	766.261	N[36]
K[6]	150.079	746.857	743.654	743.855	743.452	K[35]
L[7]	172.686	721.238	718.035	718.236	717.833	L[34]
L[8]	198.313	698.622	695.419	695.619	695.216	L[33]
G[9]	206.717	676.005	672.801	673.003	672.600	G[32]
K[10]	237.943	664.601	661.397	661.598	661.195	K[31]
V[11]	257.756	633.375	630.172	630.373	629.970	V[30]
T[12]	277.966	613.965	610.762	610.963	610.560	T[29]
I[13]	300.583	593.352	590.149	590.350	589.947	I[28]
A[14]	314.790	570.735	567.532	567.733	567.330	A[27]
Q[15]	340.402	556.528	553.324	553.526	553.123	Q[26]
G[16]	351.806	530.916	527.712	527.914	527.511	G[25]
G[17]	363.210	519.512	516.308	516.510	516.107	G[24]
V[18]	383.024	508.108	504.904	505.105	504.702	V[23]
L[19]	405.641	488.294	485.090	485.292	484.889	L[22]
P[20]	425.051	468.677	465.473	465.675	465.272	P[21]
N[21]	447.880	446.266	443.063	443.264	442.861	N[20]
L[22]	470.477	423.456	420.254	420.456	420.053	L[19]
Q[23]	496.088	400.841	397.637	397.839	397.436	Q[18]
A[24]	510.296	375.228	372.026	372.227	371.824	A[17]
V[25]	530.110	361.022	357.819	358.020	357.617	V[16]
L[26]	552.726	341.208	338.005	338.206	337.803	L[15]
L[27]	575.343	318.591	315.388	315.589	315.186	L[14]
P[28]	594.754	295.975	292.771	292.972	292.569	P[13]
K[29]	630.373	276.564	273.360	273.562	273.159	K[12]
K[30]	685.992	250.945	247.741	247.943	247.540	K[11]
V[31]	699.204	229.326	226.123	226.324	225.921	V[10]
E[32]	692.010	205.117	201.913	202.114	201.711	E[9]
S[33]	709.416	179.308	176.104	176.306	175.903	S[8]
H[34]	736.828	161.902	158.699	158.899	158.496	H[7]
H[35]	764.240	134.490	131.286	131.488	131.085	H[6]
K[36]	789.859	107.078	103.874	104.076	103.673	K[5]
A[37]	804.066	81.459	78.255	78.457	78.054	A[4]
K[38]	820.685	67.252	64.048	64.249	63.846	K[3]
G[39]	841.089	41.633	38.429	38.630	38.227	G[2]
K[40]	866.708	30.228	27.025	27.226	26.823	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=42.48
- ▶ F104936.dat
- ▶ query=q2207_p1
- ▶ precursor=619.505050
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	23.016	722.589	719.919	0.839	719.751	D[40]
E[2]	44.523	703.418	700.748	0.839	700.580	E[39]
E[3]	68.030	681.943	679.247	0.839	679.073	E[38]
L[4]	84.378	660.404	657.734	0.839	657.566	L[37]
N[5]	103.885	641.556	638.886	639.054	638.718	N[36]
K[6]	125.234	622.949	619.879	620.047	619.711	K[35]
L[7]	144.081	601.200	598.530	598.698	598.362	L[34]
L[8]	162.929	582.933	579.683	579.851	579.515	L[33]
G[9]	172.432	563.505	560.835	561.003	560.667	G[32]
K[10]	198.453	554.002	551.332	551.500	551.164	K[31]
V[11]	214.965	527.981	525.311	525.479	525.143	V[30]
N[12]	233.806	511.469	508.799	508.967	508.631	N[29]
I[13]	250.053	494.629	491.959	492.126	491.790	I[28]
A[14]	262.493	475.781	473.111	473.279	472.943	A[27]
Q[15]	283.836	463.941	461.271	461.439	461.103	Q[26]
G[16]	293.340	442.598	439.928	440.096	439.760	G[25]
G[17]	302.843	433.094	430.425	430.593	430.257	G[24]
V[18]	319.355	423.591	420.921	421.089	420.753	V[23]
L[19]	338.202	407.079	404.410	404.578	404.242	L[22]
P[20]	354.377	388.232	385.562	385.730	385.394	P[21]
N[21]	373.385	372.091	369.387	369.555	369.219	N[20]
L[22]	392.232	353.049	350.380	350.548	350.212	L[19]
Q[23]	413.575	334.202	331.532	331.700	331.364	Q[18]
A[24]	435.414	312.858	310.189	310.357	310.021	A[17]
V[25]	441.926	301.020	298.350	298.518	298.182	V[16]
L[26]	460.773	284.508	281.838	282.006	281.670	L[15]
L[27]	479.621	265.661	262.991	263.159	262.823	L[14]
P[28]	495.796	246.813	244.144	244.312	243.976	P[13]
K[29]	517.145	230.638	227.968	228.136	227.800	K[12]
K[30]	538.494	209.289	206.619	206.787	206.451	K[11]
I[31]	555.336	187.940	185.270	185.438	185.102	I[10]
L[32]	576.843	171.095	168.425	168.593	168.257	E[9]
S[33]	591.948	149.591	146.921	147.089	146.753	S[8]
H[34]	614.191	135.086	132.416	132.584	132.248	H[7]
H[35]	637.034	112.243	109.573	109.741	109.405	H[6]
K[36]	658.384	89.400	86.730	86.898	86.562	K[5]
A[37]	670.223	68.050	65.381	65.549	65.213	A[4]
K[38]	691.572	56.211	53.541	53.709	53.373	K[3]
G[39]	701.076	34.862	32.192	32.360	32.024	G[2]
K[40]	722.425	25.356	22.686	22.854	22.520	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK _{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=95.75
- ▶ F104936.dat
- ▶ query=q2209.p1
- ▶ precursor=866.904480
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA	
D	1	133.061	4330.497	4334.479	0.000	4313.471	D[40]
E	2	262.103	4215.470	4199.452	0.000	4198.444	E[39]
E	3	391.146	6058.425	6070.409	0.000	6059.401	E[38]
L	4	504.230	3957.385	3941.368	0.000	3940.359	L[37]
N	5	618.273	3844.301	3828.282	3829.260	3827.275	N[36]
K	6	746.368	8730.258	8744.239	8715.247	8713.237	K[35]
L	7	859.452	3602.163	3586.144	3587.152	3585.137	L[34]
L	8	972.536	3489.079	3473.060	3474.068	3472.051	L[33]
Q	9	1029.558	3375.995	3359.976	3360.984	3358.969	Q[32]
K	10	1185.684	3118.074	3102.055	3103.063	3101.947	K[31]
V	11	1284.752	3162.847	3146.828	3147.836	3145.821	V[30]
T	12	1385.800	3053.779	3047.760	3048.768	3046.752	T[29]
L	13	1486.884	2962.731	2946.712	2947.720	2945.705	L[28]
A	14	1568.921	2849.647	2833.628	2834.636	2832.621	A[27]
Q	15	1697.980	2778.610	2762.591	2763.599	2761.583	Q[26]
G	16	1755.001	2650.552	2634.533	2635.541	2633.525	G[25]
G	17	1812.021	2563.530	2547.511	2548.519	2546.504	G[24]
V	18	1911.091	2535.509	2520.490	2521.498	2519.482	V[23]
L	19	2024.175	2437.440	2421.421	2422.429	2420.414	L[22]
T	20	2121.208	2324.355	2308.337	2309.345	2307.330	T[21]
N	21	2218.271	2227.303	2211.285	2212.292	2210.277	N[20]
I	22	2348.355	2113.260	2097.242	2098.250	2096.234	I[19]
Q	23	2478.413	2000.175	1984.158	1985.165	1983.150	Q[18]
A	24	2547.450	1872.118	1856.099	1857.107	1855.091	A[17]
V	25	2648.519	1804.081	1788.062	1789.070	1787.054	V[16]
L	26	2759.603	1702.012	1685.994	1687.001	1684.985	L[15]
L	27	2872.687	1608.928	1592.909	1573.917	1571.901	L[14]
P	28	2969.740	1475.844	1459.825	1460.833	1458.818	P[13]
K	29	3097.815	1378.791	1362.773	1363.780	1361.765	K[12]
K	30	3225.930	1250.696	1234.618	1235.626	1233.610	K[11]
T	31	3328.977	1122.601	1106.503	1107.511	1105.575	T[10]
E	32	3456.020	1021.554	1005.535	1006.543	1004.527	E[9]
S	33	3543.052	892.511	876.492	877.500	875.485	S[8]
H	34	3680.111	805.479	789.460	790.468	788.453	H[7]
H	35	3817.170	698.420	682.401	663.409	661.394	H[6]
K	36	3945.266	633.361	615.343	618.350	614.335	K[5]
A	37	4016.302	483.265	487.248	488.255	486.240	A[4]
K	38	4144.397	332.229	316.211	317.218	315.203	K[3]
G	39	4261.416	204.134	198.116	199.123	197.106	G[2]
K	40	4320.513	147.113	131.094	132.102	130.086	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=95.75
- ▶ F104936.dat
- ▶ query=q2209_p1
- ▶ precursor=866.904480
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	67.034	2165.752	2157.743	0.504	2157.239	Q40
E2	131.955	2158.238	2150.229	0.504	2099.720	E30
E3	195.077	2043.718	2035.709	0.504	2035.205	E38
L4	252.619	1979.199	1971.187	0.504	1970.683	L37
N5	309.640	1922.654	1914.645	1915.149	1914.141	N36
K6	373.688	1895.633	1887.623	1888.127	1887.119	K35
L7	430.230	1801.585	1793.576	1794.080	1793.072	L34
L8	489.772	1745.043	1737.034	1737.538	1736.530	L33
G9	515.282	1688.501	1680.492	1680.996	1679.989	G32
K10	591.346	1659.990	1651.981	1652.485	1651.477	K31
V11	642.880	1581.927	1573.918	1574.422	1573.414	V30
T12	693.404	1531.393	1524.384	1524.888	1523.880	T29
L13	749.946	1451.899	1473.860	1474.364	1473.356	L28
A14	788.464	1425.327	1417.318	1417.822	1416.814	A27
Q15	849.493	1389.809	1381.799	1382.303	1381.295	Q26
G16	878.004	1325.779	1317.770	1318.274	1317.266	G25
G17	906.515	1297.269	1289.259	1289.763	1288.755	G24
V18	956.049	1268.758	1260.749	1261.252	1260.245	V23
L19	1012.307	1219.244	1211.214	1211.718	1210.710	L22
P20	1061.118	1182.662	1154.652	1155.156	1154.149	P21
N21	1118.139	1114.155	1106.146	1106.650	1105.642	N20
I22	1174.681	1057.134	1049.124	1049.628	1048.621	I19
Q23	1238.710	1000.592	992.582	993.086	992.079	Q18
A24	1274.229	936.503	928.553	929.057	928.049	A17
V25	1323.763	890.244	893.035	893.539	892.531	V16
L26	1389.305	851.510	843.500	844.004	842.996	L15
L27	1436.847	794.968	786.958	787.462	786.454	L14
P28	1485.374	738.426	730.416	730.920	729.912	P13
K29	1549.421	699.899	681.890	682.394	681.386	K12
K30	1613.468	635.852	617.842	618.346	617.339	K11
I31	1663.992	581.804	553.795	554.299	553.291	I10
E32	1728.514	511.281	503.271	503.775	502.767	E8
S33	1772.030	446.759	438.750	439.254	438.246	S10
H34	1840.559	401.243	393.234	393.738	392.730	H7
H35	1909.089	334.714	326.704	327.208	326.200	H6
K36	1973.136	286.184	288.175	288.679	287.671	K5
A37	2008.655	202.139	194.129	194.633	193.625	A4
K38	2072.702	168.618	158.609	159.113	158.105	K3
G39	2101.213	102.571	94.561	95.065	94.057	G2
K40	2165.260	74.060	66.051	66.555	65.547	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK _{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=95.75
- ▶ F104936.dat
- ▶ query=q2209.p1
- ▶ precursor=866.904480
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
D 1	45.025	1444.171	1438.831	0.672	1438.495	D 40
E 2	68.039	1405.628	1400.489	0.672	1400.153	E 39
E 3	113.054	1362.814	1357.475	0.672	1357.139	E 38
L 4	158.748	1319.800	1314.460	0.672	1314.124	L 37
N 5	206.762	1282.105	1276.766	1277.102	1276.430	N 36
K 6	249.401	1244.091	1238.751	1239.087	1238.415	K 35
L 7	287.156	1201.393	1196.053	1196.389	1195.717	L 34
L 8	324.860	1163.098	1156.762	1156.894	1156.622	L 33
G 9	363.327	1126.003	1120.664	1121.000	1120.664	G 32
K 10	395.699	1106.996	1101.656	1101.992	1101.321	K 31
V 11	438.602	1054.954	1049.614	1049.950	1049.277	V 30
T 12	482.605	1021.931	1016.592	1016.928	1016.250	T 29
L 13	500.299	998.205	982.969	983.245	982.573	L 28
A 14	523.979	950.554	945.214	945.550	944.879	A 27
Q 15	566.695	916.975	921.535	921.871	921.192	Q 26
G 16	585.672	884.189	878.849	879.185	878.513	G 25
G 17	604.679	865.182	859.842	860.178	859.500	G 24
V 18	637.702	846.174	840.835	841.171	840.499	V 23
L 19	678.397	813.152	807.812	808.148	807.476	L 22
F 20	707.747	775.821	770.482	770.818	769.141	F 21
N 21	745.762	743.106	737.766	738.102	737.430	N 20
I 22	781.456	705.002	699.662	700.000	699.411	I 19
Q 23	826.143	667.397	662.057	662.393	661.721	Q 18
A 24	848.822	634.711	629.371	629.707	629.035	A 17
V 25	882.844	603.035	598.695	599.030	598.358	V 16
L 26	920.539	568.009	562.669	563.005	562.333	L 15
L 27	958.234	530.314	524.975	525.311	524.639	L 14
F 28	990.505	492.620	487.280	487.616	486.944	F 13
K 29	1033.283	460.289	454.929	455.265	454.593	K 12
K 30	1075.981	427.970	422.630	422.966	422.294	K 11
T 31	1109.664	374.872	369.532	369.868	369.196	T 10
E 32	1152.678	341.180	335.840	336.180	335.514	E 9
S 33	1181.689	298.175	292.835	293.172	292.500	S 8
H 34	1227.375	269.185	263.825	264.161	263.489	H 7
H 35	1277.063	223.478	218.138	218.475	217.803	H 6
K 36	1315.760	177.762	172.422	172.762	172.110	K 5
A 37	1339.439	135.094	129.754	130.090	129.418	A 4
K 38	1382.137	111.415	106.075	106.411	105.739	K 3
G 39	1461.144	68.716	63.377	63.713	63.041	G 2
K 40	1443.843	49.709	44.370	44.705	44.034	K 1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=95.75
- ▶ F104936.dat
- ▶ query=q2209_p1
- ▶ precursor=866.904480
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	AA
D1	34.621	1083.369	1079.375	0.755	1078.123 L[40]
E12	66.201	1054.927	1051.755	1050.368	L[39]
E13	98.542	1022.362	1018.358	0.755	1018.106 E[38]
L14	126.813	990.102	986.097	0.755	985.845 L[37]
N15	155.324	961.831	957.826	958.076	957.574 N[36]
K16	187.347	933.320	929.315	929.567	929.063 K[35]
L17	215.818	901.296	897.292	897.544	897.040 L[34]
L18	243.889	873.025	869.021	869.273	868.769 L[33]
G19	258.145	844.754	840.750	841.002	840.495 G[32]
K10	297.176	830.490	826.484	826.746	826.242 K[31]
V11	321.944	791.467	787.463	787.715	787.211 V[30]
T12	347.205	766.700	762.696	762.947	762.444 T[29]
L13	375.476	741.438	737.434	737.686	737.182 L[28]
A14	399.236	713.167	709.163	709.415	708.911 A[27]
Q15	425.290	695.408	691.403	691.655	691.151 Q[26]
G16	439.506	663.381	659.389	659.641	659.133 G[25]
G17	453.761	649.138	645.133	645.385	644.881 G[24]
V18	478.526	634.883	630.878	631.130	630.626 V[23]
L19	506.799	610.116	606.111	606.363	605.859 L[22]
P20	531.062	581.844	577.840	578.092	577.588 P[21]
N21	559.573	557.581	553.577	553.829	553.325 N[20]
I22	587.844	529.071	525.066	525.318	524.814 I[19]
Q23	619.859	500.800	496.795	497.047	496.543 Q[18]
A24	637.618	468.785	464.780	465.032	464.528 A[17]
V25	662.385	451.020	447.021	447.273	446.769 V[16]
L26	689.656	426.759	422.754	422.999	422.495 L[15]
L27	718.927	397.985	393.983	394.235	393.731 L[14]
F28	743.190	369.716	365.712	365.964	365.460 F[13]
K29	775.214	345.453	341.449	341.701	341.197 K[12]
K30	807.238	313.430	309.425	309.677	309.173 K[11]
T31	832.500	281.400	277.401	277.653	277.149 T[10]
E32	854.768	256.144	252.139	252.391	251.887 E[9]
S33	886.518	223.883	219.879	220.131	219.627 S[8]
H34	920.783	202.125	198.121	198.373	197.869 H[7]
H35	955.046	167.861	163.856	164.108	163.604 H[6]
K36	987.072	133.590	129.591	129.843	129.339 K[5]
A37	1064.831	101.373	97.367	97.619	97.115 A[4]
K38	1036.855	83.811	79.808	80.060	79.556 K[3]
G39	1051.110	51.789	47.784	48.036	47.532 G[2]
K40	1083.134	37.534	33.529	33.781	33.277 K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK _{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.51
- ▶ F104936.dat
- ▶ query=q2213_p1
- ▶ precursor=1083.379900
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
D1	133.083	4330.497	4314.479	0.000	4313.471	D140
E12	282.103	4215.470	4199.452	0.000	4198.444	E130
E13	391.146	4086.428	4070.409	0.000	4069.401	E138
L14	594.230	3957.385	3941.366	0.000	3940.359	L137
N15	618.273	3844.301	3828.282	3829.290	3827.273	N136
K16	746.368	3730.259	3714.239	3715.247	3713.231	K135
L17	859.452	3602.163	3586.144	3587.152	3585.131	L134
L18	974.538	3469.079	3453.060	3454.068	3452.051	L133
G19	1029.558	3375.095	3359.076	3360.084	3358.069	G132
K10	1185.684	3318.974	3302.955	3303.963	3301.947	K131
V11	1284.752	3162.847	3146.829	3147.836	3145.821	V130
T12	1385.800	3063.779	3047.760	3048.768	3046.752	T129
I13	1498.884	2962.731	2946.713	2947.720	2945.705	I128
A14	1569.921	2861.684	2845.665	2846.673	2844.657	A127
Q15	1697.980	2778.610	2762.591	2763.599	2761.584	Q126
G16	1755.001	2650.562	2634.543	2635.541	2633.525	G125
G17	1812.023	2593.530	2577.511	2578.519	2576.504	G124
V18	1911.091	2536.509	2520.490	2521.498	2519.482	V123
L19	2024.175	2437.440	2421.421	2422.429	2420.414	L122
T20	2117.228	2324.395	2308.377	2309.385	2307.370	T121
N21	2235.271	2227.363	2211.345	2212.352	2210.337	N120
I22	2348.355	2113.300	2097.282	2098.290	2096.274	I119
Q23	2476.413	2000.176	1984.158	1985.165	1983.150	Q118
A24	2547.450	1872.118	1856.099	1857.107	1855.091	A117
V25	2646.519	1801.081	1785.062	1786.070	1784.054	V116
L26	2759.603	1702.012	1686.004	1687.001	1684.989	L115
L27	2872.687	1598.935	1572.909	1573.917	1571.902	L114
P28	2969.740	1475.844	1459.825	1460.833	1458.818	P113
K29	3097.835	1378.791	1362.773	1363.780	1361.765	K112
K30	3225.930	1250.696	1234.678	1235.685	1233.670	K111
T31	3326.977	1122.601	1106.583	1107.591	1105.575	T110
E32	3459.030	1011.544	1005.525	1006.543	1004.521	E109
S33	3543.052	892.511	876.492	877.500	875.485	S108
H34	3680.111	805.479	789.460	790.468	788.453	H107
H35	3817.170	668.420	652.401	653.409	651.394	H106
K36	3945.205	531.301	515.343	516.350	514.335	K105
A37	4016.302	403.266	387.248	388.255	386.240	A104
K38	4144.397	332.229	316.211	317.218	315.203	K103
G39	4201.418	204.134	188.116	189.123	187.105	G102
K40	4329.513	147.113	131.094	132.102	130.086	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.51
- ▶ F104936.dat
- ▶ query=q2213_p1
- ▶ precursor=1083.379900
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	67.034	2165.752	2157.743	0.504	2157.239	Q40
E12	131.955	2158.238	2150.229	0.504	2099.720	E390
E13	195.077	2043.718	2035.709	0.504	2035.205	E130
L14	252.619	1976.190	1971.187	0.504	1970.683	L137
N15	309.640	1922.654	1914.645	1915.149	1914.141	N130
K16	373.688	1895.633	1857.623	1858.127	1857.119	K135
L17	430.230	1801.585	1793.576	1794.080	1793.072	L134
L18	489.772	1745.043	1737.034	1737.538	1736.530	L133
G19	515.282	1688.501	1680.492	1680.996	1679.989	G132
K10	591.348	1659.990	1651.981	1652.485	1651.477	K131
V11	642.880	1581.627	1573.618	1574.422	1573.414	V130
T12	693.404	1512.303	1524.384	1524.888	1523.880	T129
L13	749.946	1451.899	1473.880	1474.384	1473.255	L128
A14	785.464	1425.327	1417.318	1417.822	1416.814	A127
Q15	849.493	1389.809	1381.799	1382.303	1381.295	Q126
G16	878.004	1325.779	1317.770	1318.274	1317.266	G125
G17	906.515	1297.269	1289.259	1289.763	1288.755	G124
V18	956.049	1268.758	1260.749	1261.252	1260.245	V123
L19	1012.591	1219.244	1211.234	1211.738	1210.730	L122
P20	1061.118	1162.662	1154.653	1155.157	1154.160	P121
N21	1118.139	1114.155	1106.146	1106.650	1105.642	N120
I22	1174.681	1057.134	1049.124	1049.628	1048.621	I119
Q23	1238.710	1000.592	992.582	993.086	992.079	Q118
A14	1274.229	936.563	928.553	929.057	928.049	A117
V15	1323.763	891.044	883.035	883.539	882.531	V116
L16	1380.305	851.510	843.500	844.004	843.006	L115
L17	1436.847	794.968	786.958	787.462	786.454	L114
P18	1485.374	738.426	730.416	730.920	729.912	P113
K19	1549.421	699.899	681.890	682.394	681.386	K112
K30	1613.468	625.852	617.842	618.346	617.339	K111
T11	1663.992	581.804	573.794	574.298	573.291	T110
E12	1728.514	511.281	503.271	503.775	502.767	E109
S13	1772.030	446.759	438.750	439.254	438.246	S108
H14	1840.559	401.243	393.234	393.738	392.730	H107
H15	1909.089	334.714	326.704	327.208	326.200	H106
K16	1973.136	286.184	278.175	278.679	277.671	K105
A17	2009.655	202.139	194.129	194.633	193.625	A104
K18	2072.702	168.618	158.609	159.113	158.105	K103
G19	2101.213	102.571	94.561	95.065	94.057	G102
K40	2165.260	74.060	66.051	66.555	65.547	K101

sp | Q6GSS7 | H2A2A_MOUSE

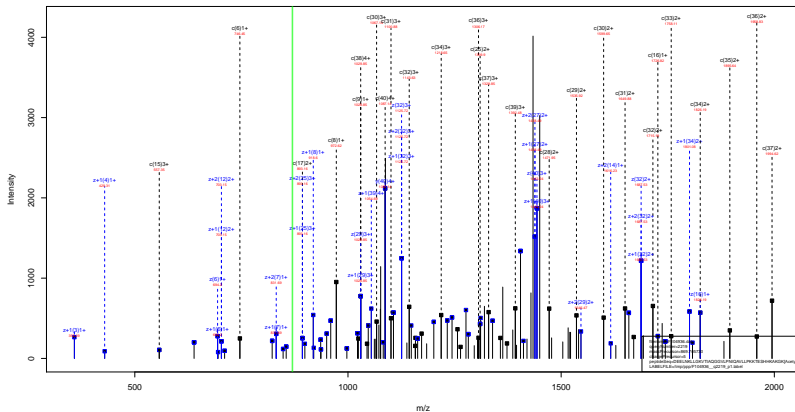
DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.51
- ▶ F104936.dat
- ▶ query=q2213.p1
- ▶ precursor=1083.379900
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA	
D	1	45.025	1444.171	1438.831	0.672	1439.495	D[40]
E	2	68.039	1405.228	1408.489	0.672	1408.153	E[39]
E	3	113.654	1362.814	1357.475	0.672	1357.139	E[38]
L	4	158.748	1319.800	1314.460	0.672	1314.124	L[37]
N	5	206.762	1282.105	1276.766	1277.102	1276.430	N[36]
K	6	249.401	1244.091	1238.751	1239.087	1238.415	K[35]
L	7	287.156	1201.393	1196.053	1196.389	1195.717	L[34]
L	8	324.869	1163.099	1158.768	1158.894	1158.622	L[33]
G	9	343.957	1128.003	1120.694	1121.008	1120.520	G[32]
K	10	395.899	1106.996	1101.656	1101.992	1101.321	K[31]
V	11	438.922	1054.954	1049.614	1049.950	1049.278	V[30]
T	12	482.605	1021.931	1016.592	1016.928	1016.250	T[29]
L	13	500.299	988.249	982.909	983.246	982.573	L[28]
A	14	523.979	950.554	945.214	945.550	944.877	A[27]
Q	15	566.695	926.875	921.535	921.871	921.199	Q[26]
G	16	585.672	884.189	878.849	879.185	878.513	G[25]
G	17	604.679	845.182	839.842	840.178	839.500	G[24]
V	18	637.702	846.174	840.835	841.171	840.499	V[23]
L	19	678.397	813.152	807.812	808.148	807.471	L[22]
F	20	707.747	775.821	770.481	770.817	769.761	F[21]
N	21	745.762	743.106	737.766	738.102	737.430	N[20]
I	22	781.456	705.002	699.662	700.000	699.411	I[19]
Q	23	826.143	667.397	662.057	662.393	661.721	Q[18]
A	24	849.827	624.711	619.371	619.707	619.035	A[17]
V	25	882.844	603.035	597.695	598.030	597.358	V[16]
L	26	920.539	568.009	562.669	563.005	562.333	L[15]
L	27	958.234	530.314	524.975	525.311	524.639	L[14]
F	28	990.505	492.620	487.280	487.616	486.944	F[13]
K	29	1033.283	460.289	454.929	455.265	454.593	K[12]
K	30	1075.983	427.970	422.630	422.967	422.295	K[11]
T	31	1109.664	374.872	369.532	369.868	369.190	T[10]
E	32	1152.678	341.188	335.850	336.186	335.514	E[9]
S	33	1181.689	298.175	292.836	293.172	292.500	S[8]
H	34	1227.375	269.185	263.825	264.161	263.489	H[7]
H	35	1273.061	223.478	218.139	218.475	217.803	H[6]
K	36	1318.798	177.762	172.423	172.758	172.110	K[5]
A	37	1339.439	135.094	129.754	130.090	129.411	A[4]
K	38	1382.137	111.415	106.075	106.411	105.739	K[3]
G	39	1461.144	68.716	63.377	63.713	63.041	G[2]
K	40	1443.843	49.709	44.370	44.705	44.034	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=63.33
- ▶ F104936.dat
- ▶ query=q2219_p1
- ▶ precursor=869.705730
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA	
D	1	131.001	4344.477	4328.458	0.000	4327.450	D(40)
E	2	262.103	4329.450	4213.431	0.000	4212.423	E(39)
E	3	393.146	4304.407	4084.388	0.000	4083.380	E(38)
L	4	524.230	3971.364	3955.345	0.000	3954.337	L(17)
N	5	618.273	3958.260	3842.242	3843.269	3841.254	N(36)
K	6	746.368	3744.237	3728.219	3729.227	3727.211	K(35)
L	7	899.452	3818.142	3800.124	3801.132	3800.116	L(34)
L	8	972.536	3503.058	3487.040	3488.048	3488.032	L(33)
G	9	1029.556	3399.974	3379.956	3374.963	3372.946	G(25)
K	10	1157.652	3332.953	3318.934	3317.942	3315.926	K(31)
V	11	1256.721	3204.858	3188.839	3189.847	3187.831	V(30)
T	12	1357.769	3105.790	3089.771	3090.779	3088.763	T(29)
L	13	1470.853	3004.742	2988.723	2989.731	2987.715	L(28)
A	14	1543.894	2894.698	2875.679	2876.687	2874.671	A(27)
A	15	1609.948	2820.621	2804.602	2805.610	2803.594	A(26)
G	16	1726.970	2692.562	2676.543	2677.551	2675.535	G(25)
G	17	1783.991	2635.541	2619.522	2620.530	2618.514	G(24)
V	18	1883.080	2578.519	2562.500	2563.508	2561.493	V(23)
L	19	1996.144	2479.451	2463.432	2464.440	2462.424	L(22)
F	20	2033.168	2368.397	2352.378	2353.386	2351.369	F(21)
N	21	2207.239	2289.314	2273.295	2274.303	2272.287	N(20)
I	22	2330.323	2155.271	2139.252	2140.260	2138.244	I(19)
Q	23	2448.392	2042.181	2026.168	2027.176	2025.160	Q(18)
A	24	2518.419	1914.129	1898.110	1899.117	1897.102	A(17)
V	25	2614.468	1791.091	1782.073	1783.080	1826.065	V(16)
L	26	2731.572	1744.023	1728.004	1729.012	1726.996	L(15)
L	27	2844.656	1630.938	1614.920	1615.928	1613.912	L(14)
F	28	2941.708	1517.855	1501.836	1502.844	1500.828	F(13)
K	29	3099.803	1420.802	1404.783	1405.791	1403.775	K(12)
K	30	3197.898	1292.707	1276.688	1277.696	1275.680	K(11)
T	31	3298.946	1184.612	1148.593	1149.601	1147.585	T(10)
E	32	3427.989	1083.564	1047.546	1048.553	1046.537	E(9)
S	33	3535.021	934.522	918.503	919.511	917.495	S(8)
H	34	3652.080	847.490	831.471	832.479	830.463	H(7)
H	35	3789.139	710.431	694.412	695.420	693.404	H(6)
K	36	3817.233	678.372	557.353	558.361	556.345	K(5)
A	37	3958.274	645.271	429.208	430.216	428.200	A(4)
K	38	4118.366	374.240	358.221	359.229	357.213	K(3)
G	39	4173.397	246.145	246.138	247.144	246.131	G(2)
K	40	4343.493	189.123	173.105	174.112	172.097	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=63.33
- ▶ F104936.dat
- ▶ query=q2219_p1
- ▶ precursor=869.705730
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA	
D	1	87.634	2172.742	2164.733	0.504	2164.250	D(40)
E	2	131.555	2115.229	2107.219	0.504	2108.715	E(39)
E	3	189.277	2050.707	2042.698	0.504	2042.194	E(38)
L	4	252.619	1986.186	1978.176	0.504	1977.671	L(17)
N	5	309.640	1929.644	1921.634	1922.136	1921.131	N(36)
K	6	373.688	1872.622	1864.613	1865.117	1864.109	K(35)
L	7	430.230	1808.575	1800.566	1801.069	1800.067	L(34)
L	8	486.772	1752.011	1744.023	1744.527	1743.520	L(33)
G	9	545.282	1695.491	1687.401	1687.905	1686.978	G(25)
K	10	579.330	1666.980	1658.971	1659.475	1658.467	K(31)
V	11	638.884	1602.933	1594.923	1595.427	1594.419	V(30)
T	12	679.358	1553.368	1545.359	1545.893	1544.885	T(29)
L	13	735.910	1502.875	1494.865	1495.369	1494.361	L(28)
A	14	771.449	1446.313	1438.323	1438.827	1437.819	A(27)
A	15	818.478	1410.814	1402.804	1403.308	1402.300	A(26)
G	16	861.989	1346.785	1338.775	1339.279	1338.271	G(25)
G	17	892.499	1318.274	1310.265	1310.768	1309.761	G(24)
V	18	942.033	1289.763	1281.754	1282.258	1281.250	V(23)
L	19	992.575	1240.259	1232.250	1232.754	1231.746	L(22)
F	20	1047.102	1183.697	1175.687	1176.192	1175.174	F(21)
N	21	1104.132	1135.181	1127.151	1127.655	1126.647	N(20)
I	22	1160.665	1078.139	1070.130	1070.634	1069.626	I(19)
Q	23	1224.695	1021.597	1013.588	1014.092	1013.084	Q(18)
A	24	1280.213	957.568	949.558	950.062	949.055	A(17)
V	25	1309.747	922.049	914.040	914.544	913.536	V(16)
L	26	1375.289	872.515	864.506	865.010	864.002	L(15)
L	27	1422.811	815.973	807.964	808.468	807.460	L(14)
F	28	1471.358	759.431	751.422	751.926	750.918	F(13)
K	29	1535.405	710.905	702.895	703.399	702.391	K(12)
K	30	1599.453	648.957	638.848	639.352	638.344	K(11)
T	31	1649.917	589.816	581.807	582.311	581.303	T(10)
E	32	1714.498	532.285	524.276	524.780	523.772	E(9)
S	33	1758.014	467.795	459.785	460.289	459.251	S(8)
H	34	1826.543	424.248	416.239	416.743	415.735	H(7)
H	35	1895.073	355.719	347.710	348.214	347.206	H(6)
K	36	1959.120	289.180	281.170	281.674	280.670	K(5)
A	37	1994.139	223.142	215.133	215.637	214.630	A(4)
K	38	2058.686	187.624	179.614	180.118	179.110	K(3)
G	39	2087.197	123.576	115.567	116.071	115.065	G(2)
K	40	2172.250	95.065	87.056	87.560	86.552	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=63.33
- ▶ F104936.dat
- ▶ query=q2219_p1
- ▶ precursor=869.705730
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D 1	45.025	1448.830	1443.491	0.672	1443.155	D 40
E 2	88.039	1410.488	1405.148	0.672	1404.813	E 39
E 3	131.054	1389.474	1384.134	0.672	1383.798	E 38
L 4	168.748	1324.460	1319.120	0.672	1318.784	L 37
N 5	206.762	1288.765	1283.425	1281.761	1281.089	N 36
K 6	269.461	1246.751	1243.411	1243.747	1243.075	K 35
L 7	287.156	1206.052	1200.713	1201.049	1200.377	L 34
L 8	324.850	1188.758	1183.018	1183.354	1182.682	L 33
G 9	343.957	1130.063	1125.323	1125.659	1124.987	G 32
K 10	386.556	1111.050	1106.316	1106.652	1105.980	K 31
V 11	419.578	1068.957	1063.619	1063.954	1063.282	V 30
T 12	453.201	1035.935	1030.595	1030.931	1030.259	T 29
T 13	490.956	1002.252	996.913	997.248	996.577	T 28
A 14	514.835	984.592	959.218	959.554	958.882	A 27
Q 15	557.321	960.910	935.530	935.875	935.203	Q 26
G 16	578.328	898.192	892.853	893.189	892.517	G 25
G 17	595.335	879.185	873.845	874.181	873.510	G 24
V 18	628.358	860.178	854.838	855.174	854.502	V 23
L 19	666.051	827.155	821.816	822.151	821.480	L 22
T 20	698.404	799.460	794.121	794.457	793.785	T 21
N 21	738.418	757.109	751.770	752.106	751.434	N 20
I 22	774.113	719.095	713.756	714.092	713.420	I 19
Q 23	816.799	681.400	676.061	676.397	675.725	Q 18
A 24	860.478	638.714	633.375	633.711	633.039	A 17
V 25	873.501	615.035	609.696	610.032	609.360	V 16
L 26	911.038	532.032	526.693	527.029	526.357	L 15
L 27	948.890	544.318	538.979	539.314	538.642	L 14
F 28	981.241	506.623	501.284	501.619	500.948	F 13
K 29	1023.939	474.272	468.933	469.269	468.597	K 12
K 30	1066.638	431.574	426.234	426.570	425.898	K 11
F 31	1100.320	388.876	383.536	383.872	383.200	F 10
E 32	1143.324	358.109	349.863	350.199	349.511	E 9
S 33	1172.345	312.179	306.839	307.175	306.503	S 8
H 34	1218.031	283.168	277.829	278.164	277.493	H 7
H 35	1263.718	237.482	232.142	232.478	231.806	H 6
K 36	1306.416	191.795	186.455	186.792	186.120	K 5
A 37	1330.895	149.097	143.758	144.094	143.422	A 4
K 38	1372.793	128.418	123.079	123.414	122.743	K 3
G 39	1391.801	82.720	77.381	77.716	77.044	G 2
K 40	1448.502	63.713	58.373	58.709	58.033	K 1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=63.33
- ▶ F104936.dat
- ▶ query=q2219_p1
- ▶ precursor=869.705730
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
D	1	34.621	1086.875	1082.870	0.755	1082.618	O[40]
E	2	66.281	1056.113	1054.113	0.755	1054.361	E[38]
E	3	98.542	1025.857	1021.853	0.755	1021.601	E[38]
L	4	126.813	993.597	989.592	0.755	989.340	L[37]
N	5	155.324	965.326	961.321	961.573	961.069	N[36]
K	6	187.347	936.815	932.810	933.062	932.559	K[35]
L	7	215.818	904.791	900.786	901.038	900.534	L[34]
L	8	243.889	873.520	872.315	872.567	872.261	L[33]
G	9	258.145	848.240	844.244	844.496	843.992	G[32]
K	10	290.169	813.994	809.989	810.241	809.737	K[31]
V	11	314.936	801.970	797.965	798.217	797.713	V[30]
T	12	340.198	777.203	773.198	773.450	772.946	T[29]
I	13	368.469	751.941	747.936	748.188	747.684	I[28]
A	14	398.226	723.670	719.665	719.917	719.413	A[27]
Q	15	418.243	705.911	701.906	702.158	701.654	Q[26]
G	16	432.498	673.890	669.891	670.143	669.639	G[25]
G	17	446.753	659.641	655.636	655.888	655.384	G[24]
V	18	471.520	645.385	641.381	641.633	641.129	V[23]
L	19	499.791	620.618	616.613	616.865	616.362	L[22]
P	20	524.056	592.347	588.342	588.594	588.090	P[21]
N	21	552.905	568.084	564.079	564.331	563.827	N[20]
I	22	580.836	539.573	535.569	535.820	535.317	I[19]
Q	23	612.851	511.302	507.298	507.549	507.046	Q[18]
A	24	630.610	479.288	475.283	475.535	475.031	A[17]
V	25	655.777	461.528	457.524	457.776	457.272	V[16]
L	26	683.648	436.761	432.756	433.008	432.505	L[15]
L	27	713.919	405.460	401.455	401.707	401.204	L[14]
P	28	736.183	380.210	376.214	376.466	375.962	P[13]
K	29	768.206	355.959	351.951	352.203	351.699	K[12]
K	30	800.230	323.932	319.928	320.179	319.676	K[11]
T	31	825.492	291.908	287.904	288.156	287.652	T[10]
E	32	857.753	266.647	262.642	262.894	262.390	E[9]
S	33	879.511	234.389	230.383	230.635	230.130	S[8]
H	34	913.775	212.622	208.623	208.875	208.371	H[7]
H	35	948.040	178.361	174.358	174.610	174.107	H[6]
K	36	980.064	144.094	140.094	140.346	139.842	K[5]
A	37	997.823	112.075	108.070	108.322	107.818	A[4]
K	38	1029.847	94.315	90.311	90.563	90.059	K[3]
C	39	1044.102	62.292	58.287	58.539	58.035	C[2]
K	40	1086.629	48.030	44.032	44.284	43.780	K[1]

sp | P43276 | H15_MOUSE

TAAPAPVEKSPAKK ^{Methyl} 14.02 KTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.52
- ▶ F104937.dat
- ▶ query=q2476_p1
- ▶ precursor=683.999620
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T	118.082	3415.975	1399.956	0.000	1399.948	R[34]
A	180.119	1014.927	2096.908	0.000	1207.960	A[33]
A	283.156	3243.990	3277.911	0.000	1229.961	A[32]
F	358.208	3172.853	3156.834	0.000	3155.826	P[31]
A	439.246	3075.800	3056.791	0.000	3058.774	A[30]
F	528.298	3004.763	2988.744	0.000	2987.736	P[29]
V	623.367	2907.710	2891.691	0.000	2890.684	V[28]
T	754.409	3898.642	2792.623	0.000	2791.615	E[27]
R	851.504	3879.599	2651.530	2664.588	2652.571	R[26]
S	969.536	2951.504	2535.486	2536.493	2534.476	S[25]
F	1066.589	2864.472	2448.453	2449.461	2447.446	P[24]
A	1137.626	2367.419	2351.401	2352.409	2350.391	A[23]
R	1265.721	2296.362	2280.354	2281.371	2279.356	R[22]
R	1407.832	2168.261	2152.269	2153.276	2151.261	R[21]
R	1535.927	2028.177	2010.158	2011.166	2009.150	R[20]
T	1636.974	1898.082	1882.063	1883.071	1881.055	T[19]
T	1738.022	1797.034	1781.015	1782.023	1780.006	T[18]
R	1866.117	1695.986	1679.968	1680.976	1678.960	R[17]
R	1868.212	1587.901	1571.873	1572.881	1570.865	R[16]
A	2005.269	1479.791	1463.773	1464.780	1462.755	A[15]
G	2122.271	1368.759	1352.741	1353.748	1351.733	G[14]
A	2183.308	1311.738	1295.719	1296.727	1294.711	A[13]
A	2284.345	1240.701	1224.682	1225.690	1223.674	A[12]
R	2382.440	1109.664	1103.645	1104.653	1102.637	R[11]
R	2518.541	1041.569	1025.550	1026.558	1024.542	R[10]
R	2676.636	885.465	869.449	870.457	868.441	R[9]
A	2747.673	757.373	741.354	742.362	740.346	A[8]
T	2848.721	686.336	670.317	671.325	669.309	T[7]
G	2905.742	585.289	569.269	570.277	568.261	G[6]
P	3022.795	528.266	512.248	513.256	511.240	P[5]
P	3099.848	431.214	415.195	416.203	414.187	P[4]
V	3198.916	194.161	318.142	319.150	317.134	V[3]
S	3285.948	235.092	219.074	220.082	218.066	S[2]
E	3414.991	148.060	132.042	133.050	131.034	E[1]

sp | P43276 | H15_MOUSE

TAAPAPVEKSPAKK ^{Methyl} 14.02 KTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.52
- ▶ F104937.dat
- ▶ query=q2476_p1
- ▶ precursor=683.999620
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
T	1	60.044	1708.491	1700.482	0.504	1699.978	T[34]
A	2	85.263	1057.901	1074.792	0.504	1049.452	A[33]
A	3	131.682	1032.446	1614.439	0.504	1613.935	A[32]
F	4	179.608	1586.030	1578.521	0.504	1578.417	F[31]
A	5	215.126	1538.404	1530.394	0.504	1529.890	A[30]
F	6	263.651	1502.885	1494.876	0.504	1494.372	F[29]
V	7	313.167	1454.359	1446.349	0.504	1445.845	V[28]
E	8	377.398	1404.825	1396.815	0.504	1396.311	E[27]
K	9	441.758	1340.303	1332.294	1332.798	1331.790	K[26]
S	10	485.272	1270.256	1268.246	1268.750	1267.742	S[25]
F	11	533.799	1232.740	1224.730	1225.234	1224.226	F[24]
A	12	589.317	1184.213	1178.204	1176.708	1175.700	A[23]
K	13	613.864	1148.695	1140.685	1141.189	1140.182	K[22]
R	14	704.420	1084.647	1076.638	1077.142	1076.134	R[21]
K	15	768.467	1013.562	1005.583	1006.087	1005.079	K[20]
T	16	818.991	949.545	941.535	942.039	941.031	T[19]
T	17	869.515	899.021	891.011	891.515	890.507	T[18]
K	18	933.562	848.497	840.487	840.991	839.984	K[17]
K	19	987.910	784.449	776.440	776.944	775.936	K[16]
A	20	1033.138	720.560	713.553	712.056	711.048	A[15]
G	21	1061.639	684.883	676.874	677.378	676.370	G[14]
A	22	1097.158	656.373	648.363	648.867	647.859	A[13]
A	23	1132.676	620.854	612.845	613.349	612.341	A[12]
K	24	1196.724	585.335	577.326	577.830	576.822	K[11]
K	25	1247.814	563.268	543.219	543.723	542.715	K[10]
K	26	1338.822	443.237	435.228	435.732	434.724	K[9]
A	27	1374.340	379.190	371.181	371.685	370.677	A[8]
T	28	1424.864	343.671	335.662	336.166	335.158	T[7]
G	29	1453.375	293.149	285.138	285.642	284.634	G[6]
F	30	1503.894	284.630	276.621	277.125	276.117	F[5]
F	31	1550.427	218.110	209.101	209.605	208.597	F[4]
V	32	1599.962	167.584	159.575	160.079	159.071	V[3]
S	33	1643.478	118.050	110.041	110.544	109.537	S[2]
E	34	1707.999	74.534	66.524	67.028	66.021	E[1]

sp | P43276 | H15_MOUSE

TAAPAPVEKSPAKK ^{Methyl} 14.02 KTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.52
- ▶ F104937.dat
- ▶ query=q2476_p1
- ▶ precursor=683.999620
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
T	1	48.395	1139.330	1133.990	0.672	1133.654	T[9]
A	2	64.044	1105.647	1100.338	0.672	1099.972	A[33]
A	3	87.723	1081.968	1076.629	0.672	1076.293	A[32]
P	4	120.074	1058.289	1052.950	0.672	1052.614	P[31]
A	5	143.753	1025.938	1020.599	0.672	1020.263	A[30]
P	6	176.104	1002.259	996.920	0.672	996.584	P[29]
V	7	209.127	969.968	964.589	0.672	964.233	V[28]
E	8	252.141	936.885	931.546	0.672	931.211	E[27]
K	9	294.940	893.871	888.532	888.808	888.196	K[26]
S	10	323.850	851.173	845.833	846.109	845.497	S[25]
P	11	356.201	822.162	816.823	817.159	816.481	P[24]
A	12	379.880	789.811	784.472	784.808	784.136	A[23]
K	13	422.578	766.132	760.793	761.129	760.457	K[22]
R	14	469.968	723.434	718.094	718.430	717.755	R[21]
K	15	512.647	676.064	670.724	671.060	670.385	K[20]
T	16	546.330	633.305	628.026	628.362	627.690	T[19]
T	17	580.012	599.663	594.343	594.679	594.007	T[18]
K	18	622.711	566.000	560.661	560.997	560.325	K[17]
K	19	665.409	523.302	517.962	518.298	517.626	K[16]
A	20	689.088	488.504	483.204	483.600	482.923	A[15]
G	21	708.095	456.925	451.585	451.921	451.249	G[14]
A	22	731.774	437.017	432.578	432.914	432.242	A[13]
A	23	755.453	414.238	408.899	409.235	408.563	A[12]
K	24	798.151	390.599	385.220	385.556	384.884	K[11]
R	25	850.185	347.861	342.522	342.857	342.189	R[10]
K	26		295.827	290.488	290.824	290.152	K[9]
A	27	916.563	253.129	247.789	248.125	247.454	A[8]
T	28	950.245	229.480	224.110	224.446	223.775	T[7]
G	29	969.252	195.767	190.428	190.764	190.092	G[6]
P	30	1001.603	176.760	171.421	171.757	171.085	P[5]
P	31	1033.954	144.409	139.070	139.406	138.734	P[4]
V	32	1066.977	112.098	106.739	107.055	106.383	V[3]
S	33	1095.988	79.536	73.688	74.032	73.360	S[2]
E	34	1139.002	50.025	44.685	45.021	44.349	E[1]

sp | P43276 | H15_MOUSE

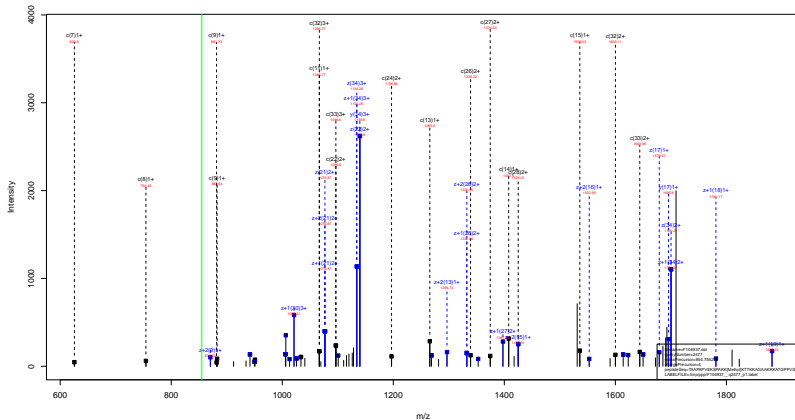
TAAPAPVEKSPAKK ^{Methyl} 14.02 KTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.52
- ▶ F104937.dat
- ▶ query=q2476_p1
- ▶ precursor=683.999620
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
T	1	30.526	854.749	850.744	0.755	850.493	T	34
A	2	48.285	829.487	825.483	0.755	825.231	A	33
A	3	66.044	811.738	807.723	0.755	807.471	A	32
P	4	83.803	793.969	789.964	0.755	789.712	P	31
A	5	101.562	768.705	765.701	0.755	765.449	A	30
P	6	119.321	751.946	747.942	0.755	747.690	P	29
V	7	157.097	727.683	723.678	0.755	723.426	V	28
E	8	189.358	702.916	698.911	0.755	698.659	E	27
K	9	221.382	678.655	666.651	666.903	666.399	K	26
S	10	243.140	638.632	634.627	634.879	634.375	S	25
P	11	267.403	616.874	612.869	613.121	612.617	P	24
A	12	285.162	592.610	588.606	588.858	588.354	A	23
K	13	317.186	574.351	570.346	570.598	570.094	K	22
K	14	352.713	542.827	538.823	539.075	538.571	K	21
K	15	384.737	507.300	503.295	503.547	503.043	K	20
T	16	409.999	475.276	471.271	471.523	471.019	T	19
T	17	435.261	450.014	446.009	446.261	445.757	T	18
K	18	467.285	424.752	420.747	420.999	420.495	K	17
K	19	499.308	392.728	388.724	388.976	388.472	K	16
A	20	517.068	360.705	356.700	356.952	356.448	A	15
G	21	531.323	342.945	339.941	339.193	338.689	G	14
A	22	549.082	328.690	324.685	324.937	324.433	A	13
A	23	568.842	310.931	306.926	307.178	306.674	A	12
K	24	598.885	293.171	289.167	289.419	288.915	K	11
R	25	637.891	261.148	257.143	257.395	256.891	R	10
K	26	669.914	222.122	218.118	218.370	217.866	K	9
A	27	687.674	190.099	186.094	186.346	185.842	A	8
T	28	712.696	172.339	168.335	168.587	168.083	T	7
G	29	727.191	147.077	143.073	143.325	142.821	G	6
P	30	751.454	132.822	128.817	129.069	128.565	P	5
P	31	775.717	108.559	104.554	104.806	104.302	P	4
V	32	867.804	84.296	80.291	80.543	80.039	V	3
S	33	822.242	59.529	55.524	55.776	55.272	S	2
E	34	854.503	37.771	33.766	34.018	33.514	E	1

sp | P43276 | H15_MOUSE

TAAPAPVEKSPAKK ^{Methyl} KTTKKAGAAKRKATGPPVSE
14.02



sp | P43276 | H15_MOUSE

TAAPAPVEKSPAKK^{Methyl} KTTKKAGAAKRKATGPPVSE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.86
- ▶ F104937.dat
- ▶ query=q2477_p1
- ▶ precursor=854.755270
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
T	118.082	3415.975	1399.956	0.000	1399.948	A[34]
A	180.119	3314.927	2098.908	0.000	1207.960	A[33]
A	283.156	3243.880	3227.871	0.000	1229.966	A[32]
F	358.208	3172.833	4356.834	0.000	3155.826	P[31]
A	439.246	3075.800	5056.781	0.000	3058.774	A[30]
F	528.298	3004.753	2688.744	0.000	2987.736	P[29]
V	625.367	2907.710	2891.691	0.000	2890.684	V[28]
T	754.409	2808.642	2792.623	0.000	2793.615	T[27]
R	852.504	2679.599	2651.530	2664.588	2652.573	R[26]
S	969.536	2551.504	2535.486	2536.493	2534.476	S[25]
F	1066.589	2464.472	2448.453	2449.461	2447.446	P[24]
A	1137.626	2367.419	2351.401	2352.409	2350.391	A[23]
R	1265.721	2296.362	2280.354	2281.371	2279.356	R[22]
R	1407.832	2168.291	2152.289	2153.276	2151.286	R[21]
R	1535.927	2028.177	2010.158	2011.166	2009.150	R[20]
T	1636.974	1898.082	1882.063	1883.071	1881.055	T[19]
T	1738.022	1797.034	1781.015	1782.023	1780.006	T[18]
R	1866.117	1695.986	1679.968	1680.976	1678.960	R[17]
R	1964.212	1587.901	1571.873	1552.881	1558.865	R[16]
A	2095.269	1439.797	1423.773	1424.786	1422.770	A[15]
G	2122.271	1368.759	1352.741	1353.748	1351.733	G[14]
A	2193.308	1311.738	1295.719	1296.727	1294.711	A[13]
A	2284.345	1240.701	1224.682	1225.690	1223.674	A[12]
R	2362.440	1169.664	1153.645	1154.653	1152.637	R[11]
R	2458.543	1094.599	1025.550	1026.558	1024.542	R[10]
R	2676.636	885.465	869.449	870.457	868.441	R[9]
A	2747.673	757.373	741.354	742.362	740.346	A[8]
T	2848.721	686.336	670.317	671.325	669.309	T[7]
G	2905.742	585.289	569.269	570.277	568.261	G[6]
P	3022.795	528.266	512.248	513.256	511.240	P[5]
P	3099.848	433.214	415.195	416.203	414.187	P[4]
V	3198.916	334.161	318.142	319.150	317.134	V[3]
S	3285.948	235.092	219.074	220.082	218.066	S[2]
E	3414.991	148.060	132.042	133.050	131.034	E[1]

sp | P43276 | H15_MOUSE

TAAPAPVEKSPAKK ^{Methyl} 14.02 KTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.86
- ▶ F104937.dat
- ▶ query=q2477_p1
- ▶ precursor=854.755270
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T 1	60.044	1708.491	1700.482	0.504	1699.978	T 94
A 2	85.263	1857.901	1849.958	0.504	1849.454	A 30
A 3	131.682	1622.449	1614.439	0.504	1613.935	A 32
F 4	179.608	1896.930	1878.921	0.504	1878.417	F 31
A 5	218.126	1838.404	1830.394	0.504	1829.890	A 30
F 6	263.651	1802.885	1494.876	0.504	1494.372	F 29
V 7	313.167	1454.359	1446.350	0.504	1445.846	V 28
T 8	377.398	1404.825	1396.815	0.504	1396.311	T 27
R 9	441.758	1340.303	1332.294	1332.798	1331.790	R 26
S 10	486.272	1276.256	1268.246	1268.750	1267.742	S 25
F 11	533.798	1232.740	1224.730	1225.234	1224.226	F 24
A 12	569.317	1184.213	1176.204	1176.708	1175.700	A 23
R 13	633.264	1148.695	1140.685	1141.189	1140.182	R 22
R 14	704.420	1094.641	1076.638	1077.142	1076.134	R 21
R 15	768.487	1013.592	1005.583	1006.087	1005.079	R 20
T 16	818.991	949.545	941.535	942.039	941.031	T 19
T 17	869.515	899.021	891.011	891.515	890.507	T 18
R 18	933.562	848.497	840.487	840.991	839.984	R 17
R 19	997.610	794.440	776.440	776.944	775.936	R 16
A 20	1033.128	720.462	712.451	712.955	711.948	A 15
G 21	1081.639	684.883	676.874	677.378	676.370	G 14
A 22	1097.158	656.373	648.363	648.867	647.859	A 13
A 23	1132.676	620.854	612.845	613.349	612.341	A 12
R 24	1196.724	585.335	577.325	577.830	576.822	R 11
R 25	1274.814	503.288	495.279	495.783	494.775	R 10
R 26	1338.822	443.237	435.228	435.732	434.724	R 9
A 27	1374.340	379.190	371.181	371.685	370.677	A 8
T 28	1424.864	343.671	335.662	336.166	335.158	T 7
G 29	1453.375	293.140	285.138	285.642	284.634	G 6
F 30	1501.964	284.607	256.627	257.131	256.124	F 5
F 31	1550.437	218.110	209.101	209.605	207.587	F 4
V 32	1599.962	167.584	159.575	160.079	159.071	V 3
S 33	1643.478	118.050	110.041	110.544	109.537	S 2
E 34	1707.999	74.534	66.524	67.028	66.021	E 1

sp | P43276 | H15_MOUSE

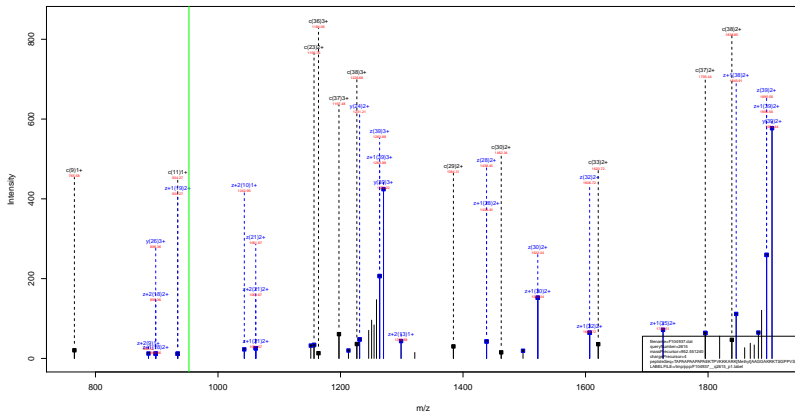
TAAPAPVEKSPAKK ^{Methyl} KTTKKAGAAKRKATGPPVSE
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.86
- ▶ F104937.dat
- ▶ query=q2477_p1
- ▶ precursor=854.755270
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T 1	40.385	1139.330	1133.990	0.672	1133.654	T 9
A 2	64.044	1105.647	1100.308	0.672	1099.972	A 33
A 3	67.723	1081.969	1076.629	0.672	1076.293	A 32
F 4	120.074	1058.289	1052.950	0.672	1052.614	F 31
A 5	143.753	1025.938	1020.599	0.672	1020.263	A 30
P 6	176.104	1002.259	996.920	0.672	996.584	P 29
V 7	209.127	978.580	973.240	0.672	968.233	V 28
E 8	252.141	954.899	949.546	0.672	941.211	E 27
K 9	294.840	893.871	888.532	888.808	888.106	K 26
S 10	323.850	851.173	845.833	846.169	845.407	S 25
F 11	356.201	827.462	816.823	817.159	816.487	F 24
A 12	379.880	789.811	784.472	784.808	784.134	A 23
K 13	422.579	766.132	760.791	761.129	760.457	K 22
R 14	469.949	723.431	718.094	718.430	717.756	R 21
R 15	512.647	679.064	673.724	674.060	673.388	R 20
T 16	546.130	633.395	628.026	628.362	627.690	T 19
T 17	580.012	599.663	594.343	594.679	594.007	T 18
K 18	622.711	566.000	560.661	560.997	560.325	K 17
K 19	665.409	523.302	517.962	518.298	517.626	K 16
A 20	689.088	488.604	475.254	475.600	474.923	A 15
G 21	708.098	456.925	451.585	451.921	451.249	G 14
A 22	731.774	437.917	432.578	432.914	432.242	A 13
A 23	755.451	414.238	408.899	409.235	408.563	A 12
K 24	798.151	390.559	385.220	385.556	384.884	K 11
R 25	850.185	347.861	342.522	342.857	342.186	R 10
R 26	892.883	295.823	290.488	290.824	290.151	R 9
A 27	916.563	263.120	257.789	258.125	257.455	A 8
T 28	950.245	228.450	224.110	224.446	223.775	T 7
G 29	969.252	195.767	190.428	190.764	190.092	G 6
F 30	1001.603	176.760	171.421	171.757	171.085	F 5
P 31	1033.954	144.400	139.070	139.406	138.734	P 4
V 32	1065.977	112.098	106.719	107.055	106.383	V 3
S 33	1095.588	79.039	73.696	74.032	73.360	S 2
E 34	1139.092	50.025	44.685	45.021	44.349	E 1

sp | P43274 | H14_MOUSE

TAPAAPAAPAEKTPVKKKARK (Methyl)
(14.02) AAGGAKRKTSGPPVSE



sp | P43274 | H14_MOUSE

TAPAAPAAPAPAEKTPVKKKARK ^(Methyl)_(14.02) AAGGAKRKTS GPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.24
- ▶ F104937.dat
- ▶ query=q2615_p1
- ▶ precursor=952.551240
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
T	119.082	3807.172	3791.153	0.000	3790.145	T	B30	
A	2	190.110	3706.124	3690.105	0.000	3689.097	A	B38
P	3	287.171	3635.087	3619.068	0.000	3618.060	P	B77
A	4	358.238	3538.074	3522.035	0.000	3521.027	A	B26
A	5	429.246	3466.097	3450.078	0.000	3449.070	A	B35
P	6	526.298	3395.960	3379.941	0.000	3378.933	P	B34
A	7	597.335	3326.007	3310.888	0.000	3310.880	A	B33
A	8	668.373	3227.870	3211.851	0.000	3210.843	A	B32
P	9	765.425	3156.833	3140.814	0.000	3139.806	P	B31
A	10	836.462	3059.786	3043.767	0.000	3042.759	A	B30
P	11	933.515	2988.743	2972.724	0.000	2971.716	P	B29
A	12	1004.552	2891.690	2875.671	0.000	2874.664	A	B28
E	13	1133.595	2820.653	2804.634	0.000	2803.626	E	B27
K	14	1261.690	2691.610	2675.592	2676.600	2674.584	K	B26
T	15	1362.738	2563.515	2547.497	2548.505	2546.489	T	B25
P	16	1459.789	2452.568	2446.489	2447.497	2445.481	P	B24
V	17	1558.850	2365.415	2349.396	2350.404	2348.388	V	B23
K	18	1686.954	2266.347	2250.328	2251.336	2249.320	K	B22
K	19	1815.049	2138.252	2122.233	2123.241	2121.225	K	B21
K	20	1943.144	2010.157	1994.138	1995.146	1993.130	K	B20
A	21	2014.181	1882.062	1866.043	1867.051	1865.035	A	B19
K	22	2170.282	1811.025	1795.006	1796.014	1793.998	K	B18
K	23	2312.392	1654.923	1638.903	1639.911	1637.895	K	B17
A	24	2383.430	1512.813	1496.794	1497.802	1495.786	A	B16
A	25	2454.467	1441.776	1425.757	1426.765	1424.749	A	B15
G	26	2511.488	1370.739	1354.720	1355.728	1353.712	G	B14
G	27	2568.510	1313.717	1297.698	1298.706	1296.691	G	B13
A	28	2639.547	1256.696	1240.677	1241.685	1239.669	A	B12
I	29	2707.642	1185.659	1169.640	1170.648	1168.632	I	B11
R	30	2823.743	1057.564	1041.545	1042.553	1040.537	R	B10
K	31	3051.838	901.463	885.444	886.452	884.436	K	B9
T	32	3152.885	773.368	757.349	758.357	756.341	T	B8
S	33	3239.918	672.320	656.301	657.309	655.293	S	B7
G	34	3296.039	585.288	569.269	570.277	568.261	G	B6
P	35	3391.992	508.266	492.248	493.256	491.240	P	B5
P	36	3461.045	431.214	415.195	416.203	414.187	P	B4
V	37	3590.113	334.161	318.142	319.150	317.134	V	B3
S	38	3677.145	235.092	219.074	220.082	218.066	S	B2
E	39	3806.188	148.060	132.042	133.050	131.034	E	B1

sp | P43274 | H14_MOUSE

TAPAAPAAPAPAEKTPVKKKARK ^(Methyl) AAGGAKRKTSGPPVSE _(14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.24
- ▶ F104937.dat
- ▶ query=q2615_p1
- ▶ precursor=952.551240
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z	z-2	AA
T 1	50.044	1904.089	1896.080	0.504	1895.576	T 30
A 2	95.563	1853.566	1845.556	0.504	1845.052	A 38
F 3	144.089	1818.047	1810.038	0.504	1809.534	F 37
A 4	179.608	1769.521	1763.511	0.504	1761.001	A 36
A 5	215.128	1734.002	1725.993	0.504	1725.489	A 35
F 6	253.653	1698.484	1698.474	0.504	1689.970	F 34
A 7	299.171	1649.957	1641.948	0.504	1641.444	A 33
A 8	334.690	1614.439	1606.429	0.504	1605.925	A 32
F 9	383.216	1578.920	1570.911	0.504	1570.407	F 31
A 10	418.735	1539.394	1522.384	0.504	1521.880	A 30
F 11	467.261	1494.875	1494.865	0.504	1486.356	F 29
A 12	502.780	1446.348	1438.339	0.504	1437.835	A 28
E 13	567.301	1410.830	1402.821	0.504	1402.317	E 27
K 14	631.349	1346.309	1338.299	1338.803	1337.796	K 26
T 15	681.872	1297.283	1274.252	1274.756	1273.748	T 25
F 16	730.399	1231.738	1223.728	1224.232	1223.225	F 24
V 17	779.933	1183.211	1175.202	1175.706	1174.698	V 23
K 18	843.961	1133.677	1125.668	1126.171	1125.164	K 22
K 19	908.026	1089.629	1061.620	1062.124	1061.116	K 21
K 20	972.075	1035.582	997.573	998.077	997.070	K 20
A 21	1067.594	941.534	933.525	934.029	933.021	A 19
R 22	1093.646	906.016	898.007	898.510	897.502	R 18
K 23	1156.700	827.965	819.956	820.460	819.452	K 17
A 24	1162.218	756.910	748.901	749.405	748.397	A 16
A 25	1227.737	721.392	713.382	713.886	712.878	A 15
C 26	1256.248	685.873	677.864	678.368	677.360	C 14
G 27	1284.758	629.355	649.345	649.849	648.841	G 17
A 28	1320.277	628.850	620.842	621.346	620.338	A 12
K 29	1384.325	593.313	585.304	585.807	584.800	K 11
R 30	1462.375	529.285	521.276	521.780	520.772	R 10
K 31	1526.423	451.235	443.226	443.729	442.722	K 9
T 32	1578.944	387.187	379.178	379.682	378.674	T 8
S 33	1628.462	336.664	328.654	329.158	328.150	S 7
G 34	1648.973	293.148	285.138	285.642	284.634	G 6
F 35	1689.500	264.637	256.627	257.131	256.124	F 5
F 36	1746.026	216.110	208.101	208.605	207.597	F 4
V 37	1795.560	167.584	159.575	160.079	159.071	V 3
S 38	1839.076	118.060	110.041	110.544	109.536	S 2
E 39	1903.597	74.534	66.524	67.028	66.021	E 1

sp | P43274 | H14_MOUSE

TAPAAPAAPAPAEKTPVKKKARK ^(Methyl)_(14.02) AAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.24
- ▶ F104937.dat
- ▶ query=q2615_p1
- ▶ precursor=952.551240
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
T	1	40.305	1269.729	1264.389	0.672	1264.053	T
A	2	04.044	1239.040	1230.707	0.672	1230.371	A
P	3	96.395	1212.367	1207.028	0.672	1206.662	P
A	4	130.074	1199.059	1174.077	0.672	1174.361	A
A	5	143.753	1156.337	1150.998	0.672	1150.062	A
P	6	176.104	1132.659	1127.319	0.672	1126.983	P
A	7	199.783	1100.307	1094.968	0.672	1094.033	A
A	8	223.462	1076.628	1071.289	0.672	1070.953	A
P	9	255.813	1052.949	1047.610	0.672	1047.274	P
A	10	279.492	1029.589	1033.259	0.672	1034.923	A
P	11	311.843	999.910	991.580	0.672	991.244	P
A	12	335.522	964.568	959.229	0.672	958.893	A
E	13	378.537	940.889	935.550	0.672	935.214	E
K	14	421.235	897.875	892.535	892.871	892.199	K
T	15	454.917	855.177	849.837	850.173	849.501	T
T	16	487.256	821.494	816.355	815.490	815.213	T
V	17	520.791	789.143	783.804	784.140	783.465	V
K	18	562.989	756.120	750.781	751.117	750.445	K
K	19	605.688	713.422	708.082	708.418	707.747	K
K	20	648.386	670.724	665.384	665.720	665.048	K
A	21	672.065	629.025	622.686	623.022	622.350	A
K	22	724.059	604.340	599.000	599.343	598.671	K
K	23	771.409	552.313	546.973	547.309	546.637	K
A	24	795.148	504.942	499.603	499.939	499.267	A
A	25	818.827	481.263	475.924	476.260	475.588	A
G	26	837.834	457.594	452.245	452.581	451.909	G
G	27	856.841	438.577	433.238	433.574	432.902	G
A	28	880.520	419.570	414.231	414.566	413.895	A
K	29	923.219	395.891	390.551	390.887	390.215	K
R	30	975.252	353.193	347.853	348.189	347.517	R
K	31	1017.951	301.159	295.819	296.155	295.484	K
T	32	1051.633	258.461	253.121	253.457	252.785	T
S	33	1080.644	224.778	219.439	219.775	219.103	S
G	34	1099.651	195.767	190.428	190.764	190.092	G
P	35	1122.002	176.760	171.421	171.757	171.085	P
P	36	1164.353	149.400	139.070	139.406	138.734	P
V	37	1197.376	112.058	106.719	107.055	106.383	V
S	38	1226.386	79.036	73.696	74.032	73.360	S
E	39	1269.401	50.025	44.685	45.021	44.349	E

sp | P43276 | H15_MOUSE

TAPAETAAPAPVEKSPAKK ^{Methyl} _{14.02} KTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=80.53
- ▶ F104937.dat
- ▶ query=q2650.p1
- ▶ precursor=777.848600
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T 1	116.062	3695.192	8989.173	0.000	3696.165	T 10
A 2	190.119	3784.144	3766.120	0.000	3767.118	A 38
F 3	267.171	3713.107	3697.080	0.000	3698.081	F 37
A 4	358.208	3616.054	3600.030	0.000	3599.023	A 26
E 5	487.251	3545.017	3528.990	0.000	3527.991	E 35
T 6	588.299	3415.975	3399.950	0.000	3398.948	T 34
A 7	659.336	3314.927	3298.908	0.000	3297.901	A 33
A 8	730.373	3243.890	3227.871	0.000	3226.863	A 32
F 9	827.426	3172.853	3156.830	0.000	3155.826	F 31
A 10	898.463	3075.808	3059.781	0.000	3058.774	A 20
F 11	969.516	3004.763	2988.744	0.000	2987.736	F 29
V 12	1094.584	2907.710	2891.691	0.000	2890.684	V 28
E 13	1223.627	2808.642	2792.623	0.000	2791.615	E 27
K 14	1351.722	2679.599	2663.580	2664.588	2662.573	K 26
S 15	1428.674	2651.594	2535.488	2536.493	2534.478	S 25
F 16	1535.806	2604.472	2448.451	2449.451	2447.446	F 24
A 17	1608.844	2367.419	2351.401	2352.409	2350.393	A 23
K 18	1734.938	2296.362	2280.364	2281.371	2279.356	K 22
K 19	1877.049	2108.287	2152.269	2153.276	2151.261	K 21
K 20	3005.144	2026.177	2010.158	2011.166	2009.150	K 20
T 21	2106.192	1898.082	1882.063	1883.071	1881.055	T 19
T 22	2207.239	1797.034	1793.015	1792.023	1790.008	T 18
K 23	2335.134	1695.986	1679.968	1680.976	1678.960	K 17
K 24	2483.429	1567.891	1551.873	1552.881	1550.865	K 16
A 25	2534.466	1439.797	1423.779	1424.786	1422.770	A 15
G 26	2591.488	1368.759	1352.741	1353.748	1351.733	G 14
A 27	2662.525	1311.708	1295.719	1296.727	1294.711	A 13
A 28	2713.562	1246.661	1226.646	1227.659	1223.674	A 12
K 29	2891.657	1109.604	1153.645	1154.653	1152.637	K 11
R 30	3017.758	1041.569	1025.550	1026.558	1024.542	R 10
K 31	3145.853	895.468	869.449	870.457	868.441	K 9
A 32	3216.890	757.373	741.354	742.362	740.346	A 8
T 33	3317.936	698.336	678.317	679.325	669.309	T 7
G 34	3374.959	585.288	569.269	570.277	569.261	G 6
F 35	3472.012	528.246	512.248	513.256	511.240	F 5
F 36	3569.065	431.214	415.195	416.203	414.187	F 4
V 37	3668.113	334.161	318.142	319.150	317.134	V 3
S 38	3765.165	235.092	219.074	220.082	218.066	S 2
E 39	3864.208	148.050	132.042	133.050	131.034	E 1

sp | P43276 | H15_MOUSE

TAPAETAAPAPVEKSPAKK ^{Methyl} _{14.02} KTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=80.53
- ▶ F104937.dat
- ▶ query=q2650.p1
- ▶ precursor=777.848600
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
F[1]	60.044	1043.105	1935.090	0.504	1934.586	T[30]
A[2]	65.563	1092.576	1884.566	0.504	1884.063	A[38]
F[3]	144.089	1857.057	1849.048	0.504	1848.541	P[37]
A[4]	179.858	1898.531	1800.522	0.504	1800.019	A[30]
E[5]	244.129	1773.015	1765.003	0.504	1764.499	E[35]
T[6]	294.653	1708.461	1700.452	0.504	1699.978	T[34]
A[7]	330.172	1657.967	1649.958	0.504	1649.454	A[33]
A[8]	365.690	1622.449	1614.439	0.504	1613.935	A[32]
F[9]	414.217	1586.930	1578.921	0.504	1578.417	F[31]
A[10]	449.735	1538.404	1530.394	0.504	1529.890	A[30]
F[11]	498.261	1552.885	1494.875	0.504	1494.371	F[29]
V[12]	547.796	1454.359	1446.349	0.504	1445.845	V[28]
E[13]	612.317	1404.825	1396.815	0.504	1396.311	E[27]
K[14]	676.364	1340.303	1332.294	1332.793	1331.790	K[26]
S[15]	719.889	1276.256	1268.246	1268.750		S[25]
F[16]	768.407	1232.740	1224.730	1225.234	1224.229	F[24]
A[17]	803.925	1184.213	1176.204	1176.708	1175.700	A[23]
K[18]	867.973	1148.695	1140.685	1141.189	1140.182	K[22]
K[19]	939.028	1084.647	1076.638	1077.142	1076.134	K[21]
K[20]	1003.076	1013.592	1005.583	1006.087	1005.079	K[20]
T[21]	1053.660	949.545	941.535	942.039	941.031	T[19]
T[22]	1104.123	899.021	891.011	891.515	890.507	T[18]
K[23]	1168.171	848.497	840.487	840.991	839.984	K[17]
K[24]	1232.218	784.449	776.440	776.944	775.938	K[16]
A[25]	1267.737	730.402	712.393	712.896	711.889	A[15]
C[26]	1296.248	684.883	676.873	677.378	676.370	C[14]
A[27]	1331.766	636.312	648.363	648.867	647.860	A[13]
A[28]	1367.285	620.854	612.845	613.349	612.341	A[12]
K[29]	1431.332	585.335	577.326	577.830	576.822	K[11]
R[30]	1509.383	521.288	513.279	513.783	512.775	R[10]
K[31]	1573.430	445.237	435.228	435.732	434.724	K[9]
A[32]	1608.949	379.180	371.171	371.675	370.667	A[8]
T[33]	1699.478	343.671	335.662	336.166	335.158	T[7]
G[34]	1887.983	293.148	285.138	285.642	284.634	G[6]
F[35]	1736.510	264.637	256.627	257.131	256.124	F[5]
F[36]	1785.036	216.110	208.101	208.605	207.597	F[4]
V[37]	1834.570	187.584	159.575	160.079	159.071	V[3]
S[38]	1878.988	118.056	110.047	110.544	109.537	S[2]
E[39]	1942.928	74.534	66.524	67.028	66.021	E[1]

sp | P43276 | H15_MOUSE

TAPAETAAPAPVEKSPAKK^{Methyl}_{14.02} KTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=80.53
- ▶ F104937.dat
- ▶ query=q2650.p1
- ▶ precursor=777.848600
- ▶ chargePrecursor=5
- ▶ itol=0.8

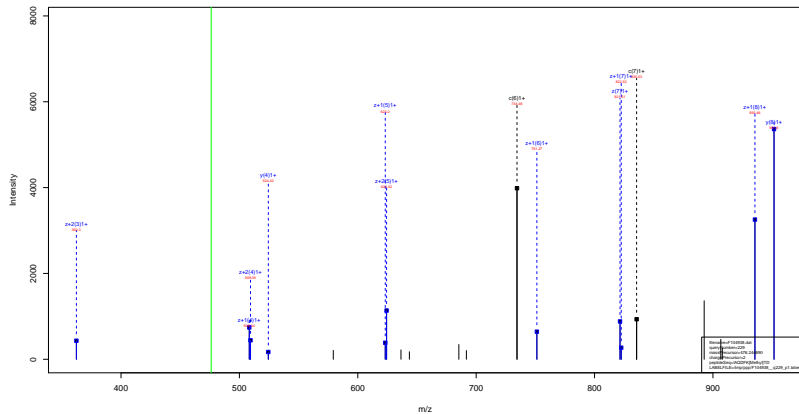
AA	c	y	z-1	z-2	z	AA		
T	1	40.305	1295.736	1290.396	0.672	1290.060	T	30
A	2	04.044	1262.051	1256.713	0.672	1256.377	A	38
P	3	06.395	1238.374	1233.014	0.672	1232.698	P	37
A	4	120.074	1206.021	1200.667	0.672	1200.347	A	26
E	5	103.089	1182.344	1177.004	0.672	1176.068	E	35
T	6	196.771	1139.330	1133.990	0.672	1133.054	T	34
A	7	220.450	1105.647	1100.308	0.672	1099.972	A	33
A	8	244.129	1081.950	1076.629	0.672	1076.293	A	32
P	9	278.480	1058.269	1052.929	0.672	1052.613	P	31
A	10	300.159	1025.938	1020.599	0.672	1020.263	A	30
P	11	332.510	1002.259	996.920	0.672	996.584	P	29
V	12	365.533	969.908	964.569	0.672	964.233	V	28
E	13	408.547	936.885	931.546	0.672	931.210	E	27
K	14	451.245	893.871	888.532	888.868	888.190	K	26
S	15	489.256	861.173	845.833	846.169	845.497	S	25
P	16	512.607	822.162	818.813	814.159	810.487	P	24
A	17	536.286	789.811	784.472	784.808	784.136	A	23
K	18	578.984	766.132	760.793	761.129	760.451	K	22
K	19	608.355	723.434	718.094	718.430	717.758	K	21
K	20	669.053	676.064	670.724	671.060	670.388	K	20
P	21	702.730	633.365	628.026	628.362	627.686	P	19
T	22	736.418	599.681	594.343	594.679	594.001	T	18
K	23	779.116	566.000	560.661	560.997	560.325	K	17
K	24	821.815	523.300	517.962	518.298	517.626	K	16
A	25	845.494	480.604	475.264	475.600	474.928	A	15
G	26	864.501	456.925	451.585	451.921	451.249	G	14
A	27	888.180	437.917	432.578	432.914	432.242	A	13
A	28	911.859	414.738	409.399	409.735	409.063	A	12
K	29	954.557	390.550	385.210	385.546	384.884	K	11
R	30	1006.591	347.861	342.522	342.857	342.188	R	10
K	31	1049.289	295.827	290.488	290.824	290.151	K	9
A	32	1072.968	253.129	247.789	248.125	247.454	A	8
T	33	1106.651	229.450	224.110	224.446	223.775	T	7
G	34	1129.938	195.761	190.422	190.754	190.082	G	6
P	35	1158.009	175.760	171.421	171.757	171.085	P	5
P	36	1190.360	144.400	139.070	139.406	138.734	P	4
V	37	1223.383	112.050	106.719	107.055	106.383	V	3
S	38	1252.393	79.030	73.696	74.032	73.360	S	2
E	39	1295.408	50.025	44.685	45.021	44.349	E	1

sp | P43276 | H15_MOUSE

TAPAETAAPAPVEKSPAKK ^{Methyl} 14.02 KTTKKAGAAKRKATGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=80.53
- ▶ F104937.dat
- ▶ query=q2650_p1
- ▶ precursor=777.848600
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
T	1	30.526	972.053	968.049	0.755	967.797	T	30
A	2	48.285	946.792	942.787	0.755	942.535	A	38
P	3	72.548	929.032	925.028	0.755	924.776	P	37
A	4	90.308	904.769	900.764	0.755	900.512	A	36
E	5	122.568	887.010	883.005	0.755	882.753	E	35
T	6	147.830	854.749	850.744	0.755	850.493	T	34
A	7	165.589	829.487	825.483	0.755	825.231	A	33
A	8	193.349	811.728	807.723	0.755	807.471	A	32
P	9	207.612	793.969	789.964	0.755	789.712	P	31
A	10	225.371	769.705	765.701	0.755	765.449	A	30
P	11	249.634	751.946	747.942	0.755	747.690	P	29
V	12	274.401	727.683	723.678	0.755	723.426	V	28
E	13	308.662	702.916	698.911	0.755	698.659	E	27
K	14	338.686	670.655	666.651	666.903	666.399	K	26
S	15	380.434	638.042	634.037	633.879	634.375	S	25
P	16	394.707	616.874	612.869	613.121	612.617	P	24
A	17	402.466	597.610	588.606	589.858	588.354	A	23
K	18	434.490	574.851	570.846	571.098	570.594	K	22
K	19	470.018	542.827	538.823	539.075	538.571	K	21
K	20	502.041	507.300	503.295	503.547	503.043	K	20
T	21	527.303	475.276	471.271	471.523	471.019	T	19
T	22	552.565	450.014	446.009	446.261	445.757	T	18
K	23	584.589	424.752	420.747	420.999	420.495	K	17
K	24	616.613	392.728	388.724	388.976	388.472	K	16
A	25	634.372	366.705	362.700	362.952	362.448	A	15
G	26	648.627	342.945	338.941	339.193	338.689	G	14
A	27	666.387	328.690	324.685	324.937	324.433	A	13
A	28	684.146	310.931	306.926	307.178	306.674	A	12
K	29	716.170	293.171	289.167	289.419	288.915	K	11
R	30	750.195	261.148	257.143	257.395	256.891	R	10
K	31	787.219	222.122	218.118	218.370	217.866	K	9
A	32	804.978	190.099	186.094	186.346	185.842	A	8
T	33	830.240	172.339	168.335	168.587	168.083	T	7
G	34	844.895	147.071	143.067	143.320	142.816	G	6
P	35	868.759	132.822	128.817	129.069	128.565	P	5
P	36	893.022	108.555	104.551	104.803	104.300	P	4
V	37	917.789	84.296	80.291	80.543	80.039	V	3
S	38	939.547	59.529	55.524	55.776	55.272	S	2
E	39	971.807	37.771	33.766	34.018	33.514	E	1



sp | P68433 | H31_MOUSE

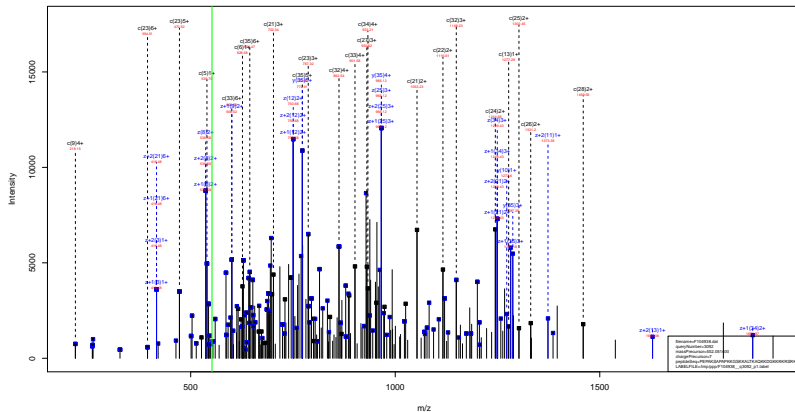
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14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.03
- ▶ F104938.dat
- ▶ query=q229_p1
- ▶ precursor=476.244690
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
R 6	734.420	377.203	361.194	362.192	360.177	R 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | Q64478 | H2B1H_MOUSE

PEPAKSAPAPKKGSKKALTKAQKKDGKKRKRSRKE



sp | Q64478 | H2B1H_MOUSE

PEPAKSAPAPKKGSKKALTKAQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.50
- ▶ F104938.dat
- ▶ query=q3092_p1
- ▶ precursor=552.051400
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	±1	±2	z	AA
P1	115.087	3858.299	3842.280	0.000	3841.271	P10
E1	244.129	3761.245	3745.227	0.000	3744.220	E14
F1	341.182	3632.203	3616.185	0.000	3615.177	F13
A1	412.219	3535.151	3519.132	0.000	3518.124	A12
K1	540.314	3464.114	3448.095	3440.103	3447.087	K131
S1	627.346	3336.079	3320.060	3327.068	3318.962	S10
A1	698.383	3248.987	3232.968	3233.976	3211.950	A129
F1	795.436	3177.948	3161.931	3162.939	3160.921	F128
A1	866.473	3080.897	3064.878	3065.886	3063.870	A127
P1	903.520	3009.860	2993.841	2994.849	2992.833	P126
K1	1091.821	2912.807	2896.788	2897.796	2895.780	K125
K1	1219.719	2824.722	2808.693	2809.701	2767.685	K124
G1	1276.737	2636.617	2620.598	2641.606	2633.590	G123
S1	1383.769	2599.595	2583.577	2584.585	2582.569	S122
K1	1491.664	2512.563	2496.545	2497.553	2495.537	K121
K1	1619.959	2384.468	2368.450	2369.458	2367.442	K120
A1	1880.998	2256.373	2240.355	2241.363	2239.347	A119
L1	1894.080	2185.335	2169.317	2170.325	2168.310	L118
T1	1998.128	2072.252	2056.234	2057.241	2055.226	T117
K1	2031.223	1971.205	1955.188	1956.194	1954.179	K116
A1	2194.260	1843.110	1827.091	1828.099	1826.083	A115
Q1	2232.219	1772.072	1756.054	1757.062	1755.046	Q114
K1	2380.414	1644.014	1627.995	1639.003	1629.987	K113
K1	2488.509	1515.915	1499.900	1500.908	1498.892	K112
D1	2603.536	1387.824	1371.805	1372.813	1370.798	D111
G1	2660.557	1277.797	1261.779	1277.786	1255.771	G110
K1	2788.652	1215.776	1199.757	1200.765	1198.749	K109
K1	2818.719	1029.681	1071.662	1072.670	1070.654	K108
R1	3072.848	959.590	943.572	944.575	942.559	R107
K1	3290.943	803.485	787.466	788.474	786.458	K106
R1	3357.044	675.390	659.371	660.379	658.363	R105
S1	3444.076	519.289	503.270	504.278	502.262	S104
R1	3600.177	432.257	416.238	417.246	415.230	R103
K1	3728.672	278.195	260.137	261.144	259.129	K102
E1	3857.315	148.060	132.042	133.050	131.034	E101

sp | Q64478 | H2B1H_MOUSE

PEPAKSAPAPKKGSKKALTKAQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.50
- ▶ F104938.dat
- ▶ query=q3092_p1
- ▶ precursor=552.051400
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA
P1	58.047	1029.653	1021.644	0.504	1821.146	P128
E1	122.508	1081.127	1873.117	0.504	1872.613	E134
F1	171.095	1816.605	1808.596	0.504	1808.002	F133
A1	208.613	1748.079	1760.010	0.504	1759.566	A132
K1	270.661	1732.560	1724.551	1725.055	1724.047	K131
S1	314.177	1698.513	1690.504	1691.007	1690.499	S130
A17	369.695	1624.997	1616.988	1617.491	1616.981	A129
F1	398.222	1589.478	1581.469	1581.973	1580.965	F128
A1	433.740	1540.953	1532.943	1533.447	1532.439	A127
P10	482.267	1505.433	1497.424	1497.928	1496.920	P126
K11	546.314	1456.907	1448.898	1449.402	1448.394	K125
K12	610.383	1392.886	1384.878	1385.384	1384.376	K124
G13	638.912	1328.912	1320.903	1321.407	1320.399	G123
S14	682.388	1300.301	1292.292	1292.796	1291.788	S122
K15	746.436	1256.785	1248.776	1249.280	1248.272	K121
K16	810.483	1192.758	1184.729	1185.232	1184.225	K120
A17	868.922	1128.690	1120.681	1121.185	1120.177	A119
L18	907.544	1093.172	1085.163	1085.666	1084.658	L118
T19	953.068	1036.630	1028.620	1029.124	1028.117	T117
K20	1017.115	986.106	978.097	978.601	977.593	K116
A21	1052.634	922.058	914.049	914.553	913.545	A115
Q22	1116.663	868.540	878.531	879.034	878.027	Q114
K23	1189.710	822.511	814.501	815.005	813.997	K113
K24	1244.758	758.463	750.454	750.958	749.950	K112
D25	1302.271	694.416	686.406	686.910	685.902	D111
G26	1330.782	636.902	628.893	629.397	628.389	G110
K27	1394.830	608.391	600.382	600.886	599.878	K109
T28	1458.877	544.344	536.335	536.839	535.831	T108
R29	1538.828	480.295	472.287	472.791	471.783	R107
K30	1600.975	402.246	394.237	394.740	393.733	K106
R31	1678.020	338.198	330.189	330.693	329.685	R105
S32	1722.542	260.148	252.139	252.642	251.635	S104
R33	1800.592	216.632	208.623	209.126	208.119	R103
K34	1884.640	138.581	130.572	131.076	129.968	K102
E35	1929.181	74.534	66.524	67.028	65.921	E101

sp | Q64478 | H2B1H_MOUSE

PEPAKSAPAPKKGSKKALTKAQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.50
- ▶ F104938.dat
- ▶ query=q3092_p1
- ▶ precursor=552.051400
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P 1	39.034	1286.771	1281.432	0.672	1281.090	P 28
E 2	82.048	1254.520	1249.081	0.672	1248.745	E 34
F 3	114.399	1211.408	1206.066	0.672	1205.730	F 33
A 4	138.078	1179.055	1173.716	0.672	1173.380	A 32
K 5	180.776	1155.376	1150.036	1150.372	1149.701	K 31
S 6	209.787	1122.121	1107.133	1107.874	1107.062	S 30
A 7	233.466	1083.667	1078.327	1078.963	1077.992	A 29
F 8	265.817	1059.988	1054.648	1054.984	1054.312	F 28
A 9	289.496	1027.617	1022.298	1022.633	1021.962	A 27
P 10	321.847	1003.958	998.618	998.954	998.283	P 26
K 11	364.545	971.607	966.268	966.603	965.932	K 25
K 12	407.243	938.909	923.569	923.905	923.234	K 24
G 13	426.251	886.210		881.207	880.535	G 23
S 14	455.261	867.203	861.864	862.200	861.539	S 22
K 15	497.960	838.193	832.853	833.189	832.517	K 21
K 16	540.658	795.494	790.155	790.491	789.819	K 20
A 17	584.357	762.795	747.482	747.762	747.120	A 19
L 18	602.932	729.117	723.777	724.113	723.441	L 18
T 19	635.714	691.422	686.083	686.419	685.747	T 17
K 20	678.413	657.740	652.400	652.736	652.064	K 16
A 21	702.092	615.041	609.702	610.038	609.369	A 15
Q 22	744.773	591.362	586.023	586.359	585.687	Q 14
K 23	787.476	548.676	543.337	543.673	543.001	K 13
K 24	830.174	505.975	500.638	500.974	500.302	K 12
D 25	868.517	463.280	457.940	458.276	457.604	D 11
G 26	887.524	424.917	419.598	419.934	419.261	G 10
K 27	930.222	405.930	400.590	400.926	400.255	K 9
K 28	972.920	383.232	387.892	388.228	387.556	K 8
R 29	1024.954	320.533	315.194	315.530	314.858	R 7
K 30	1067.653	268.500	263.160	263.496	262.824	K 6
R 31	1119.689	225.801	220.462	220.798	220.126	R 5
S 32	1148.697	173.768	168.428	168.764	168.092	S 4
K 33	1200.731	144.757	139.417	139.753	139.082	K 3
K 34	1243.433	90.723	85.384	85.720	85.048	K 2
E 35	1286.443	50.025	44.685	45.021	44.349	E 1

sp | Q64478 | H2B1H_MOUSE

PEPAKSAPAPKKGSKKALTKAQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
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- ▶ F104938.dat
- ▶ query=q3092.p1
- ▶ precursor=552.051400
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	965.130	961.125	0.735	881.074	P[15]
L[2]	61.788	941.507	937.062	0.735	936.810	L[34]
P[3]	96.051	908.806	908.802	0.735	904.550	P[13]
A[4]	103.810	894.943	890.530	0.735	890.286	A[32]
K[5]	135.834	866.784	862.779	863.031	862.527	K[31]
S[6]	157.592	834.760	830.755	831.007	830.503	S[30]
A[7]	175.351	811.002	808.997	809.249	808.745	A[29]
P[8]	199.614	795.243	791.238	791.490	790.986	P[28]
A[9]	217.374	770.980	766.975	767.227	766.723	A[27]
P[10]	241.837	753.220	749.215	749.468	748.964	P[26]
K[11]	273.081	728.957	724.952	725.204	724.701	K[25]
K[12]	305.284	696.933	692.929	693.181	692.677	K[24]
G[13]	319.940	664.910	660.905	661.157	660.653	G[23]
S[14]	341.698	650.654	646.650	646.902	646.398	S[22]
K[15]	373.722	628.896	624.892	625.144	624.640	K[21]
K[16]	405.745	596.873	592.868	593.120	592.616	K[20]
A[17]	423.505	564.849	560.844	561.096	560.592	A[19]
L[18]	451.776	547.090	543.085	543.337	542.833	L[18]
T[19]	477.037	518.819	514.814	515.066	514.562	T[17]
L[20]	509.081	493.557	489.552	489.804	489.300	L[16]
A[21]	526.820	461.533	457.528	457.780	457.276	A[15]
Q[22]	558.835	443.774	439.769	440.021	439.517	Q[14]
K[23]	590.859	411.759	407.754	408.006	407.502	K[13]
K[24]	622.883	379.735	375.731	375.982	375.479	K[12]
D[25]	651.639	347.711	343.707	343.959	343.455	D[11]
G[26]	665.895	318.955	314.950	315.202	314.698	G[10]
K[27]	697.918	304.699	300.695	300.947	300.443	K[9]
K[28]	729.942	272.676	268.671	268.923	268.419	K[8]
R[29]	765.997	240.652	236.647	236.899	236.395	R[1]
K[30]	800.991	201.627	197.622	197.874	197.370	K[6]
R[31]	840.016	169.603	165.598	165.850	165.346	R[5]
S[32]	861.774	138.578	134.573	134.825	134.321	S[4]
R[33]	900.800	108.620	104.615	104.867	104.363	R[3]
K[34]	932.824	69.794	65.790	66.042	65.538	K[2]
E[35]	965.084	37.771	33.766	34.018	33.514	E[1]

sp | Q64478 | H2B1H_MOUSE

PEPAKSAPAPKKGSKKALTKAQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=44.50
- ▶ F104938.dat
- ▶ query=q3092.p1
- ▶ precursor=552.051400
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	23.823	772.466	769.262	0.806	109.090	P[18]
L	2	49.632	753.055	749.851	0.806	749.050	L[34]
P	3	69.042	727.247	724.043	0.806	723.841	P[13]
A	4	83.290	707.836	704.632	0.806	704.431	A[32]
K	5	108.869	693.629	690.425	690.626	690.223	K[31]
S	6	126.275	668.010	664.806	665.007	664.604	S[30]
A	7	140.482	650.603	647.399	647.601	647.198	A[29]
P	8	159.893	636.396	633.192	633.394	632.990	P[28]
A	9	174.100	616.985	613.781	613.983	613.580	A[27]
F	10	193.511	602.778	599.573	599.776	599.372	F[26]
K	11	219.130	583.361	580.157	580.359	579.962	K[25]
K	12	244.749	557.745	554.544	554.746	554.343	K[24]
G	13	256.153	532.129	528.925	529.127	528.724	G[23]
S	14	273.560	520.725	517.521	517.723	517.320	S[22]
K	15	299.179	503.319	500.115	500.316	499.913	K[21]
K	16	324.798	477.700	474.496	474.697	474.294	K[20]
A	17	339.005	452.081	448.877	449.078	448.675	A[19]
L	18	361.622	437.873	434.669	434.871	434.468	L[18]
F	19	383.831	413.256	412.053	412.254	411.851	F[17]
K	20	407.950	395.047	391.843	392.045	391.641	K[16]
A	21	421.658	369.430	366.224	366.426	366.022	A[15]
Q	22	447.270	355.220	352.017	352.218	351.815	Q[14]
K	23	472.889	329.609	326.405	326.606	326.203	K[13]
K	24	498.508	303.990	300.786	300.987	300.584	K[12]
D	25	521.513	278.371	275.167	275.368	274.965	D[11]
G	26	532.917	255.365	252.161	252.363	251.960	G[10]
K	27	558.536	243.961	240.757	240.959	240.556	K[9]
K	28	584.155	218.342	215.138	215.340	214.937	K[8]
K	29	615.375	192.723	189.519	189.721	189.318	K[7]
K	30	640.994	161.503	158.299	158.501	158.097	K[6]
R	31	672.215	135.884	132.680	132.882	132.478	R[5]
S	32	689.621	104.664	101.460	101.661	101.258	S[4]
R	33	720.841	87.257	84.053	84.255	83.852	R[3]
K	34	746.460	56.037	52.833	53.035	52.632	K[2]
E	35	772.269	30.418	27.214	27.416	27.013	E[1]

sp | Q64478 | H2B1H_MOUSE

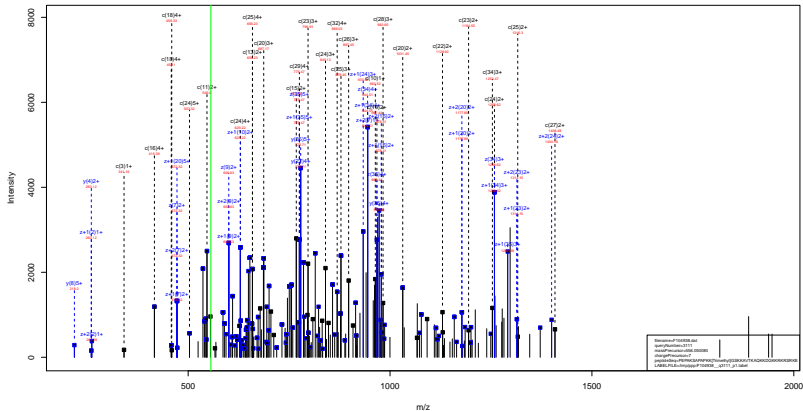
PEPAKSAPAPKKGSKKALTKAQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=44.50
- ▶ F104938.dat
- ▶ query=q3092.p1
- ▶ precursor=552.051400
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	30.020	643.889	641.219	0.839	641.051	P[15]
L[2]	41.528	527.714	625.044	0.839	624.876	L[34]
P[3]	57.703	606.207	603.537	0.839	603.369	P[13]
A[4]	69.543	590.031	587.361	0.839	587.193	A[32]
K[5]	90.892	578.192	575.522	575.690	575.354	K[31]
S[6]	109.397	556.842	554.173	554.341	554.005	S[30]
A[7]	117.237	542.137	539.667	539.835	539.499	A[29]
P[8]	133.412	530.498	527.828	527.996	527.660	P[28]
A[9]	145.252	514.322	511.652	511.820	511.484	A[27]
F[10]	181.427	522.453	499.813	499.981	499.645	F[26]
K[11]	182.778	486.307	483.637	483.805	483.469	K[25]
K[12]	204.125	464.958	462.288	462.456	462.120	K[24]
G[13]	213.629	443.609	440.939	441.107	440.771	G[23]
S[14]	226.134	434.105	431.436	431.603	431.268	S[22]
K[15]	249.483	419.600	416.930	417.098	416.762	K[21]
K[16]	270.833	398.251	395.581	395.749	395.413	K[20]
A[17]	282.672	376.902	374.232	374.400	374.064	A[19]
L[18]	301.519	365.062	362.392	362.560	362.224	L[18]
F[19]	318.361	346.215	343.545	343.713	343.377	F[17]
K[20]	339.710	329.374	326.704	326.872	326.536	K[16]
A[21]	351.549	308.024	305.354	305.523	305.187	A[15]
Q[22]	372.893	296.185	293.515	293.683	293.347	Q[14]
K[23]	394.242	274.842	272.172	272.340	272.004	K[13]
K[24]	415.591	253.493	250.823	250.991	250.655	K[12]
D[25]	434.762	232.143	229.474	229.642	229.306	D[11]
G[26]	444.266	212.972	210.302	210.470	210.134	G[10]
K[27]	465.615	203.469	200.799	200.967	200.631	K[9]
K[28]	489.964	182.120	179.450	179.618	179.282	K[8]
K[29]	512.981	160.770	158.100	158.269	157.933	K[7]
K[30]	534.130	134.753	132.084	132.252	131.916	K[6]
R[31]	560.347	113.404	110.735	110.903	110.567	R[5]
S[32]	574.652	87.387	84.718	84.886	84.550	S[4]
R[33]	600.869	72.882	70.212	70.380	70.044	R[3]
K[34]	622.218	46.865	44.196	44.363	44.028	K[2]
E[35]	643.725	25.516	22.846	23.014	22.678	E[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Trimethyl GSKKAVTKAQKKDGKKRKRSRKE
42.05



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Trimethyl} 42.05 GSKKAVTKAQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=63.22
- ▶ F104938.dat
- ▶ query=q31111.p1
- ▶ precursor=556.050080
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P 1	115.087	8386.182	3870.311	0.000	3869.304	P 35
E 2	244.129	3789.277	3773.259	0.000	3772.251	E 34
P 3	341.182	3660.235	3644.210	0.000	3643.208	P 33
A 4	412.219	3561.182	3547.163	0.000	3546.155	A 32
K 5	540.314	3492.145	3476.120	3477.134	3475.116	K 31
S 6	627.340	3394.050	3348.031	3349.039	3347.023	S 30
A 7	698.383	3277.018	3260.990	3262.007	3259.981	A 29
P 8	795.436	3205.981	3189.962	3190.970	3188.954	P 28
A 9	866.473	3108.928	3092.909	3091.917	3091.901	A 27
P 10	963.526	3037.891	3021.872	3022.880	3020.864	P 26
K 11	1091.621	2940.838	2924.810	2925.827	2923.812	K 25
K 12	1261.763	2812.743	2796.724	2797.732	2795.711	K 24
G 13	1318.784	2642.601	2626.581	2627.590	2625.575	G 23
S 14	1405.816	2585.580	2569.561	2570.569	2568.553	S 22
K 15	1531.911	2496.548	2480.529	2481.537	2480.521	K 21
K 16	1662.006	2370.453	2354.434	2355.442	2353.426	K 20
A 17	1733.043	2242.358	2226.339	2227.347	2225.331	A 19
V 18	1832.112	2171.311	2155.292	2156.310	2154.294	V 18
V 19	1933.159	2072.262	2056.243	2057.241	2055.226	V 17
K 20	2061.264	1971.205	1955.186	1956.194	1954.178	K 16
A 21	2132.291	1843.110	1827.091	1828.099	1826.083	A 15
Q 22	2260.350	1772.073	1756.054	1757.062	1755.046	Q 14
K 23	2388.445	1644.014	1627.995	1629.003	1626.987	K 13
K 24	2516.540	1515.919	1499.900	1500.908	1498.892	K 12
D 25	2611.567	1387.824	1371.805	1372.813	1370.796	D 11
G 26	2688.588	1272.797	1256.778	1257.786	1255.771	G 10
K 27	2816.683	1215.770	1199.757	1200.765	1198.749	K 0
K 28	2944.778	1087.681	1071.662	1072.670	1070.654	K 8
R 29	3100.879	979.588	943.569	944.575	942.559	R 7
K 30	3278.974	893.485	787.466	788.474	786.458	K 6
R 31	3385.075	875.390	659.371	660.379	658.363	R 5
S 32	3472.107	819.289	503.270	504.278	502.262	S 4
R 33	3628.209	632.257	416.238	417.246	415.230	R 3
K 34	3756.304	276.155	260.137	261.144	259.128	K 2
E 35	3885.346	148.060	132.040	133.050	131.034	E 1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Trimethyl} 42.05 GSKKAVTKAQKKDGGKRRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=63.22
- ▶ F104938.dat
- ▶ query=q3111.p1
- ▶ precursor=556.050080
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#±1	#±2	z	AA	
F	1	58.047	1043.699	1035.699	0.504	1935.151	F(28)
E	2	122.508	1095.142	1087.133	0.504	1889.629	E(34)
F	3	171.095	1830.621	1822.612	0.504	1822.108	F(33)
A	4	208.613	1782.095	1774.085	0.504	1773.581	A(32)
K	5	270.661	1746.576	1738.567	1739.071	1739.063	K(31)
S	6	314.177	1698.529	1694.519	1675.023	1674.015	S(30)
A	7	369.696	1639.013	1631.003	1631.507	1630.499	A(29)
F	8	398.222	1603.494	1595.485	1595.989	1594.981	F(28)
A	9	433.740	1554.968	1546.958	1547.462	1546.454	A(27)
F	10	482.267	1519.449	1511.440	1511.944	1510.936	F(26)
K	11	546.314	1470.923	1462.913	1463.417	1462.409	K(25)
K	12	631.385	1408.875	1398.868	1399.370	1398.362	K(24)
G	13	659.896	1331.804	1313.795	1314.299	1313.291	G(23)
S	14	703.412	1293.294	1285.284	1285.788	1284.780	S(22)
K	15	767.459	1249.778	1241.769	1242.272	1241.264	K(21)
K	16	831.507	1185.730	1177.721	1178.225	1177.217	K(20)
A	17	897.925	1121.683	1113.673	1114.177	1113.169	A(19)
V	18	914.559	1038.555	1078.155	1078.659	1077.651	V(18)
T	19	967.983	1039.630	1028.630	1029.134	1028.117	T(17)
K	20	1031.131	986.106	978.097	978.601	977.593	K(16)
A	21	1066.649	922.058	914.049	914.553	913.545	A(15)
Q	22	1130.679	898.540	878.531	879.034	878.027	Q(14)
R	23	1194.726	822.511	814.503	815.005	813.997	R(13)
K	24	1258.774	758.463	750.454	750.958	749.950	K(12)
D	25	1316.287	694.416	686.406	686.910	685.902	D(11)
G	26	1364.799	636.902	628.893	629.397	628.389	G(10)
K	27	1408.845	608.391	600.382	600.886	599.878	K(9)
K	28	1472.873	544.344	536.335	536.839	535.831	K(8)
R	29	1550.943	493.296	472.287	472.791	471.783	R(7)
K	30	1614.991	402.246	394.237	394.740	393.733	K(6)
R	31	1681.041	338.198	330.189	330.693	329.685	R(5)
S	32	1738.557	260.148	252.139	252.642	251.635	S(4)
R	33	1814.608	216.632	208.623	209.126	208.119	R(3)
K	34	1878.666	138.561	130.552	131.056	130.048	K(2)
E	35	1943.177	74.534	66.524	67.028	66.021	E(1)

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Trimethyl} 42.05 GSKKAVTKAQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=63.22
- ▶ F104938.dat
- ▶ query=q3111.p1
- ▶ precursor=556.050080
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
F 1	39.034	1206.125	1290.775	0.672	1290.430	F 28
E 2	82.048	1263.764	1258.424	0.672	1258.088	E 34
F 3	114.399	1220.750	1215.410	0.672	1215.074	F 33
A 4	138.078	1188.309	1183.059	0.672	1182.723	A 32
K 5	180.776	1164.720	1159.380	1159.716	1159.044	K 31
S 6	209.287	1122.021	1116.682	1117.018	1116.346	S 30
A 7	213.466	1093.011	1087.671	1088.307	1087.335	A 29
F 8	265.817	1069.332	1063.992	1064.128	1063.656	F 28
A 9	289.490	1036.981	1031.641	1031.977	1031.305	A 27
F 10	321.847	1013.302	1007.962	1008.298	1007.620	F 26
K 11	364.545	980.951	975.611	975.947	975.275	K 25
K 12	411.269	938.253	932.913	933.249	932.577	K 24
G 13	440.206	891.530	885.190	876.535	875.863	G 23
S 14	489.277	862.531	857.192	857.528	856.856	S 22
K 15	511.075	833.521	828.181	828.517	827.845	K 21
K 16	554.674	790.822	785.483	785.819	785.147	K 20
A 17	578.253	746.124	742.785	743.120	742.449	A 19
V 18	611.375	724.445	719.106	719.441	718.770	V 18
T 19	645.958	691.422	686.083	686.419	685.747	T 17
K 20	687.756	657.740	652.400	652.736	652.064	K 16
A 21	711.435	615.041	609.702	610.038	609.366	A 15
Q 22	754.122	591.362	586.023	586.359	585.687	Q 14
R 23	796.820	568.676	563.337	563.673	563.001	R 13
K 24	839.518	505.975	500.635	500.974	500.302	K 12
D 25	877.860	463.280	457.940	458.276	457.604	D 11
G 26	896.868	424.937	419.598	419.934	419.262	G 10
K 27	939.568	405.930	400.590	400.926	400.254	K 9
K 28	982.264	363.232	357.892	358.228	357.556	K 7
R 29	1014.236	320.533	315.194	315.530	314.858	R 7
K 30	1076.996	268.500	263.160	263.496	262.824	K 6
R 31	1129.630	225.801	220.462	220.798	220.126	R 5
S 32	1158.041	173.768	168.428	168.764	168.092	S 4
R 33	1210.074	144.757	139.417	139.753	139.081	R 3
T 34	1253.773	92.721	87.381	87.718	87.046	T 3
E 35	1295.757	50.025	44.685	45.021	44.349	E 1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Trimethyl} 42.05 GSKKAVTKAQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=63.22
- ▶ F104938.dat
- ▶ query=q3111.p1
- ▶ precursor=556.050080
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	972.138	958.133	0.755	958.081	P[15]
E[2]	61.788	948.075	944.070	0.755	943.818	E[34]
P[3]	86.051	915.814	911.809	0.755	911.558	P[13]
A[4]	103.810	891.951	887.546	0.755	887.294	A[32]
K[5]	135.834	873.792	869.787	870.039	869.535	K[31]
S[6]	157.592	841.768	837.763	838.015	837.511	S[30]
A[7]	175.351	820.010	816.005	816.257	815.753	A[29]
P[8]	199.614	802.251	798.246	798.498	797.994	P[28]
A[9]	217.374	777.987	773.983	774.235	773.731	A[27]
T[10]	243.837	760.228	756.224	756.475	755.972	T[26]
K[11]	273.061	735.965	731.960	732.212	731.708	K[25]
K[12]	316.196	703.941	699.937	700.189	699.685	K[24]
G[13]	350.451	661.406	657.401	657.653	657.149	G[23]
S[14]	382.210	647.150	643.146	643.398	642.894	S[22]
K[15]	394.233	625.992	621.988	621.640	621.136	K[21]
K[16]	416.257	593.369	589.364	589.616	589.112	K[20]
A[17]	434.016	561.345	557.340	557.592	557.088	A[19]
V[18]	458.783	543.586	539.581	539.833	539.329	V[18]
T[19]	484.045	518.819	514.814	515.066	514.562	T[17]
K[20]	518.069	493.591	489.587	489.838	489.300	K[16]
A[21]	533.828	461.533	457.528	457.780	457.276	A[19]
Q[22]	565.843	443.774	439.769	440.021	439.517	Q[14]
K[23]	597.867	411.759	407.754	408.006	407.502	K[13]
K[24]	629.890	379.735	375.731	375.982	375.479	K[12]
D[25]	658.647	347.711	343.707	343.959	343.455	D[11]
G[26]	672.903	318.955	314.950	315.202	314.698	G[10]
K[27]	704.926	304.699	300.695	300.947	300.443	K[9]
K[28]	730.950	272.676	268.671	268.923	268.419	K[9]
K[29]	775.975	240.652	236.647	236.899	236.395	K[1]
K[30]	807.999	201.627	197.622	197.874	197.370	K[0]
R[31]	847.024	169.603	165.598	165.850	165.346	R[9]
S[32]	868.782	130.578	126.573	126.825	126.321	S[4]
R[33]	907.808	108.620	104.615	104.867	104.363	R[3]
K[34]	939.831	69.794	65.790	66.042	65.538	K[2]
E[35]	972.092	37.771	33.766	34.018	33.514	E[1]

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Trimethyl}42.05 GSKKAVTKAQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=63.22
- ▶ F104938.dat
- ▶ query=q3111.p1
- ▶ precursor=556.050080
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	23.823	778.072	774.858	0.806	774.667	P[15]
E[2]	40.032	758.661	755.458	0.806	755.256	E[34]
P[3]	60.042	732.853	729.649	0.806	729.447	P[13]
A[4]	83.250	713.442	710.238	0.806	710.037	A[32]
K[5]	108.869	699.235	696.031	696.233	695.829	K[31]
S[6]	126.275	673.616	670.412	670.614	670.210	S[30]
A[7]	140.482	656.209	653.006	653.207	652.804	A[29]
P[8]	159.693	642.002	638.798	639.000	638.597	P[28]
A[9]	174.100	622.591	619.388	619.589	619.186	A[27]
T[10]	193.511	608.384	605.180	605.382	604.979	T[26]
K[11]	219.130	588.973	585.770	585.971	585.568	K[25]
K[12]	253.158	563.354	560.151	560.352	559.949	K[24]
G[13]	264.563	529.826	526.122	526.324	525.921	G[23]
S[14]	281.969	517.922	514.718	514.920	514.516	S[22]
K[15]	307.588	500.515	497.312	497.513	497.110	K[21]
K[16]	333.207	474.896	471.693	471.894	471.491	K[20]
A[17]	347.414	449.277	446.074	446.275	445.872	A[19]
V[18]	367.228	435.070	431.866	432.068	431.665	V[18]
T[19]	387.438	415.256	412.053	412.254	411.851	T[17]
K[20]	413.057	395.041	391.843	392.045	391.641	K[16]
A[21]	427.264	369.428	366.224	366.426	366.022	A[15]
Q[22]	452.876	355.220	352.017	352.218	351.815	Q[14]
K[23]	478.495	329.609	326.406	326.608	326.203	K[13]
K[24]	504.114	303.990	300.786	300.987	300.584	K[12]
D[25]	527.119	278.371	275.167	275.368	274.965	D[11]
G[26]	538.523	255.365	252.161	252.363	251.960	G[10]
K[27]	564.142	243.961	240.757	240.959	240.556	K[9]
K[28]	589.761	218.342	215.138	215.340	214.937	K[8]
K[29]	620.982	192.722	189.519	189.721	189.318	K[7]
K[30]	646.601	161.503	158.299	158.501	158.097	K[6]
R[31]	677.821	135.884	132.680	132.882	132.478	R[5]
S[32]	695.227	104.664	101.460	101.661	101.258	S[4]
R[33]	726.448	87.257	84.053	84.255	83.852	R[3]
K[34]	752.067	56.037	52.833	53.035	52.632	K[2]
E[35]	777.875	30.418	27.214	27.416	27.013	E[1]

sp | Q6ZWY9 | H2B1C_MOUSE

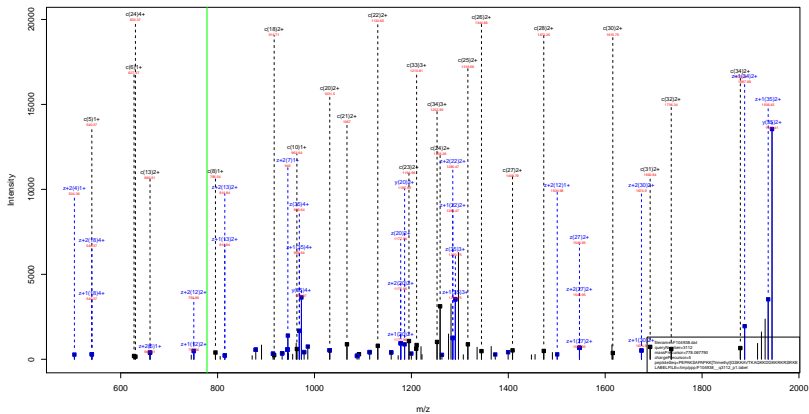
PEPAKSAPAPKK ^{Trimethyl}42.05 GSKKAVTKAQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=63.22
- ▶ F104938.dat
- ▶ query=q3111.p1
- ▶ precursor=556.050080
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	30.020	648.561	645.891	0.839	645.723	P[15]
E[2]	41.528	632.386	629.716	0.839	629.548	E[34]
P[3]	57.703	610.379	608.209	0.839	608.041	P[33]
A[4]	69.543	594.703	592.033	0.839	591.865	A[32]
K[5]	90.692	582.864	580.194	580.362	580.026	K[31]
S[6]	109.397	561.514	558.845	559.013	558.677	S[30]
A[7]	117.237	547.009	544.339	544.507	544.171	A[29]
P[8]	133.412	535.170	532.500	532.668	532.332	P[28]
A[9]	145.252	518.994	516.324	516.492	516.156	A[27]
P[10]	161.427	507.155	505.485	505.653	505.317	P[26]
K[11]	182.776	490.979	489.309	489.477	489.141	K[25]
K[12]	211.133	469.630	468.960	469.128	468.792	K[24]
G[13]	220.637	441.273	438.603	438.771	438.435	G[23]
S[14]	235.142	431.769	429.100	429.268	428.932	S[22]
K[15]	256.491	417.264	414.594	414.762	414.426	K[21]
K[16]	277.840	395.915	393.245	393.413	393.077	K[20]
A[17]	289.680	374.566	371.896	372.064	371.728	A[19]
V[18]	306.191	362.726	360.056	360.224	359.888	V[18]
I[19]	323.033	346.215	343.545	343.713	343.377	I[17]
L[20]	344.382	329.374	326.704	326.872	326.536	L[16]
A[21]	356.221	308.024	305.354	305.522	305.187	A[15]
Q[22]	377.564	296.185	293.515	293.683	293.347	Q[14]
K[23]	398.914	274.842	272.172	272.340	272.004	K[13]
K[24]	420.263	253.493	250.823	250.991	250.655	K[12]
D[25]	439.434	232.143	229.474	229.642	229.306	D[11]
G[26]	448.937	212.972	210.302	210.470	210.134	G[10]
K[27]	470.287	203.469	200.799	200.967	200.631	K[9]
K[28]	481.636	182.120	179.450	179.618	179.282	K[8]
K[29]	517.653	160.770	158.100	158.269	157.933	K[7]
K[30]	539.002	134.753	132.084	132.252	131.916	K[6]
R[31]	565.019	113.404	110.734	110.903	110.567	R[5]
S[32]	579.524	87.387	84.718	84.886	84.550	S[4]
R[33]	605.541	72.882	70.212	70.380	70.044	R[3]
K[34]	626.890	46.865	44.196	44.363	44.028	K[2]
E[35]	648.397	25.516	22.846	23.014	22.679	E[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Trimethyl GSKKAVTKAQKKDGKKRKRSRKE
42.05



sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Trimethyl} 42.05 GSKKAVTKAQKKDKKKRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.30
- ▶ F104938.dat
- ▶ query=q3112.p1
- ▶ precursor=778.067790
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P11	115.087	3885.130	3870.311	0.000	3885.304	P135
E12	244.129	3789.277	3773.259	0.000	3772.251	E134
F13	341.182	3660.235	3644.216	0.000	3643.208	F133
A14	412.219	3583.182	3547.163	0.000	3546.155	A132
K15	549.314	3492.145	3476.126	3477.134	3475.116	K131
S16	627.340	3384.050	3348.031	3349.039	3347.023	S130
A17	698.383	3277.018	3260.999	3262.007	3259.991	A129
P18	795.436	3205.981	3189.962	3190.970	3188.954	P128
A19	866.473	3108.929	3092.909	3093.917	3091.901	A127
P110	963.526	3037.891	3021.872	3022.880	3020.864	P126
K111	1091.621	2940.836	2924.819	2925.827	2923.812	K125
K112	1261.763	2812.741	2796.724	2797.732	2795.711	K124
G113	1318.794	2642.663	2626.643	2627.650	2625.635	G123
S114	1405.816	2585.580	2569.561	2570.569	2568.553	S122
K115	1531.911	2498.544	2482.529	2483.537	2481.521	K121
K116	1662.006	2370.453	2354.434	2355.442	2353.426	K120
A117	1733.043	2242.365	2226.348	2227.347	2225.331	A119
V118	1832.112	2171.321	2155.303	2156.310	2154.294	V118
T119	1933.159	2072.252	2056.234	2057.241	2055.226	T117
K120	2061.264	1971.205	1955.186	1956.194	1954.178	K116
A121	2132.291	1843.110	1827.091	1828.099	1826.083	A115
Q122	2260.350	1772.073	1756.054	1757.062	1755.046	Q114
K123	2388.445	1644.014	1627.995	1628.993	1626.981	K113
K124	2516.540	1515.917	1499.893	1500.908	1498.882	K112
D125	2631.567	1387.824	1371.805	1372.813	1370.798	D111
G126	2688.588	1272.797	1256.778	1257.786	1255.771	G110
K127	2816.683	1215.778	1199.757	1200.765	1198.749	K109
K128	2944.778	1087.681	1071.663	1072.670	1070.654	K108
T129	3100.879	959.588	943.567	944.575	942.559	T107
K130	3238.974	833.485	787.466	788.474	786.458	K106
R131	3385.075	675.390	659.371	660.379	658.363	R105
S132	3472.107	619.289	593.270	594.278	592.262	S104
R133	3628.209	432.257	416.238	417.246	415.230	R103
K134	3756.304	276.155	260.137	261.144	259.128	K102
E135	3885.346	148.060	132.042	133.050	131.034	E101

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Trimethyl} 42.05 GSKKAVTKAQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.30
- ▶ F104938.dat
- ▶ query=q3112_p1
- ▶ precursor=778.067790
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	#+1	#+2	z	AA
P1	58.047	1943.669	1935.659	0.504	1935.151	P129
E1	122.508	1895.142	1887.133	0.504	1886.629	E134
F1	171.095	1830.621	1822.612	0.504	1822.108	F133
A1	208.613	1782.095	1774.085	0.504	1773.581	A132
K1	270.661	1746.576	1738.567	1739.071	1739.063	K131
S1	314.177	1698.529	1674.519	1675.023	1674.015	S130
A17	369.696	1639.013	1631.003	1631.507	1630.499	A129
F1	398.222	1603.494	1595.485	1595.989	1594.981	F128
A1	433.740	1554.968	1546.958	1547.462	1546.454	A127
P10	482.267	1519.449	1511.440	1511.944	1510.936	P126
K11	546.314	1470.923	1462.913	1463.417	1462.409	K125
K12	613.388	1408.876	1398.868	1399.370	1398.362	K124
G13	659.896	1332.804	1313.795	1314.299	1313.291	G123
S14	703.412	1293.294	1285.284	1285.788	1284.780	S122
K15	767.459	1249.778	1241.768	1242.272	1241.264	K121
K16	831.507	1185.730	1177.721	1178.225	1177.217	K120
A17	897.028	1121.063	1113.053	1114.177	1113.169	A119
V18	914.559	1068.154	1058.145	1058.649	1057.641	V118
T19	967.083	1036.630	1028.620	1029.124	1028.117	T117
K20	1031.131	986.106	978.097	978.601	977.593	K116
A21	1066.649	922.058	914.049	914.553	913.545	A115
Q22	1130.679	886.540	878.531	879.034	878.027	Q114
K23	1194.726	822.013	814.003	815.005	814.997	K113
K24	1258.774	758.483	750.474	750.978	749.970	K112
D25	1316.287	694.418	686.408	686.910	685.902	D111
G26	1344.798	636.902	628.893	629.397	628.389	G110
K27	1408.845	608.391	600.382	600.886	599.878	K109
K28	1472.893	544.344	536.335	536.839	535.831	K108
R29	1550.619	480.296	472.287	472.791	471.783	R107
K30	1614.991	402.246	394.237	394.740	393.733	K106
R31	1693.041	338.198	330.189	330.693	329.685	R105
S32	1736.557	260.148	252.139	252.642	251.635	S104
R33	1814.608	216.632	208.623	209.126	208.119	R103
K34	1878.655	138.583	130.573	131.076	130.068	K102
E35	1943.177	74.534	66.524	67.028	66.021	E101

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Trimethyl} 42.05 GSKKAVTKAQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=75.30
- ▶ F104938.dat
- ▶ query=q3112.p1
- ▶ precursor=778.067790
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA
P1	39.034	1206.112	1290.775	0.672	1290.439	P10
E1	82.048	1263.764	1258.424	0.672	1258.085	E14
F1	114.399	1220.750	1215.410	0.672	1215.074	F13
A1	138.076	1188.309	1181.059	0.672	1181.723	A12
K1	180.776	1164.720	1159.380	1159.716	1159.044	K11
S1	209.467	1122.021	1118.682	1117.038	1118.395	S10
A1	214.466	1093.011	1087.671	1088.007	1087.335	A19
F1	265.817	1069.332	1061.992	1064.328	1061.656	F18
A1	289.490	1036.981	1031.641	1031.977	1031.305	A17
P1	321.847	1013.302	1007.962	1008.298	1007.620	P16
K1	364.545	980.951	975.611	975.947	975.275	K15
K1	411.269	938.251	932.913	933.249	932.577	K14
G1	440.206	891.530	887.190	876.535	875.961	G13
S1	469.277	862.531	857.192	857.528	856.856	S12
K1	511.975	833.521	828.181	828.517	827.845	K11
K1	554.674	790.822	785.483	785.819	785.147	K10
A1	578.353	748.124	742.785	743.120	742.448	A10
V1	611.375	724.445	719.106	719.441	718.770	V18
T1	645.058	691.422	686.083	686.419	685.747	T17
K1	687.750	657.740	652.400	652.736	652.064	K16
A1	711.435	615.041	609.702	610.038	609.366	A15
Q1	754.122	591.362	586.023	586.359	585.687	Q14
K1	796.820	548.676	543.337	543.673	543.001	K13
K1	839.518	505.975	500.636	500.974	500.302	K12
D1	877.880	463.280	457.940	458.276	457.604	D11
G1	896.660	424.917	419.578	419.914	419.242	G10
K1	939.566	405.930	400.590	400.926	400.254	K10
K1	982.264	363.232	357.893	358.229	357.557	K10
R1	1034.208	320.531	315.194	315.530	314.858	R17
K1	1076.906	288.500	283.160	283.496	282.824	K16
R1	1129.630	245.801	240.462	240.798	240.126	R15
S1	1158.041	173.768	168.428	168.764	168.092	S14
K1	1210.074	144.757	139.417	139.753	139.082	K13
K1	1252.773	92.721	87.381	87.716	87.044	K12
E1	1295.197	50.025	44.685	45.021	44.349	E11

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Trimethyl} 42.05 GSKKAVTKAQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=75.30
- ▶ F104938.dat
- ▶ query=q3112.p1
- ▶ precursor=778.067790
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	972.138	968.333	0.755	958.081	P[15]
E[2]	61.788	948.075	944.070	0.755	943.818	E[34]
P[3]	86.051	915.814	911.809	0.755	911.558	P[13]
A[4]	103.810	891.551	887.546	0.755	887.294	A[32]
K[5]	135.834	873.792	869.787	870.039	869.535	K[31]
S[6]	157.592	841.768	837.763	838.015	837.511	S[30]
A[7]	175.351	820.010	816.005	816.257	815.753	A[29]
P[8]	199.614	802.251	798.246	798.498	797.994	P[28]
A[9]	217.374	777.987	773.983	774.235	773.731	A[27]
P[10]	243.837	760.228	756.223	756.475	755.972	P[26]
K[11]	273.061	735.965	731.960	732.212	731.708	K[25]
K[12]	316.196	703.941	699.937	700.189	699.685	K[24]
G[13]	330.451	691.406	687.401	687.653	687.149	G[23]
S[14]	352.210	647.150	643.146	643.398	642.894	S[22]
K[15]	384.233	625.902	621.898	621.640	621.136	K[21]
K[16]	416.257	593.369	589.364	589.616	589.112	K[20]
A[17]	434.016	561.345	557.340	557.592	557.088	A[19]
V[18]	458.783	543.586	539.581	539.833	539.329	V[18]
I[19]	484.045	518.819	514.814	515.066	514.562	I[17]
K[20]	518.069	493.551	489.547	489.804	489.300	K[16]
A[21]	533.828	461.533	457.528	457.780	457.276	A[15]
Q[22]	565.843	443.774	439.769	440.021	439.517	Q[14]
K[23]	597.867	411.759	407.754	408.006	407.502	K[13]
K[24]	629.890	379.735	375.731	375.982	375.479	K[12]
D[25]	658.647	347.711	343.707	343.959	343.455	D[11]
G[26]	672.903	318.955	314.950	315.202	314.698	G[10]
K[27]	704.926	304.699	300.695	300.947	300.443	K[9]
K[28]	736.950	272.676	268.671	268.923	268.419	K[8]
K[29]	773.978	240.652	236.647	236.899	236.395	K[7]
K[30]	807.999	201.627	197.622	197.874	197.370	K[6]
R[31]	847.024	169.603	165.598	165.850	165.346	R[5]
S[32]	888.782	130.578	126.573	126.825	126.321	S[4]
R[33]	907.808	108.620	104.615	104.867	104.363	R[3]
K[34]	939.831	69.794	65.790	66.042	65.538	K[2]
E[35]	972.092	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.34
- ▶ F104938.dat
- ▶ query=q3277_p1
- ▶ precursor=747.095730
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#±1	#±2	z	AA	
S	1	105.960	4477.546	4461.533	0.000	4460.520	S[41]
G	2	102.087	4390.514	4374.499	0.000	4373.482	G[40]
R	3	360.235	4333.493	4317.474	4318.482	4318.460	R[39]
G	4	417.257	4135.345	4119.320	4120.334	4118.310	G[38]
K	5	545.352	4078.323	4062.305	4063.313	4061.297	K[37]
G	6	673.410	3950.228	3934.210	3935.218	3933.202	G[36]
G	7	730.432	3932.170	3899.151	3907.159	3895.141	G[35]
G	8	787.453	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.548	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	980.585	3380.032	3364.013	3365.021	3363.005	A[32]
R	11	1142.660	3538.995	3492.970	3493.984	3491.968	R[31]
A	12	1213.724	3382.984	3336.955	3337.968	3335.950	A[30]
K	13	1341.819	3281.857	3265.838	3266.846	3264.830	K[29]
A	14	1442.858	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.951	3022.725	3006.706	3007.714	3005.699	K[27]
S	16	1627.003	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.094	2897.598	2881.579	2882.587	2880.571	R[25]
S	18	1871.116	2713.496	2696.475	2696.486	2694.470	S[24]
S	19	1958.148	2634.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.349	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.388	2381.311	2365.293	2366.300	2364.285	A[21]
G	22	2242.308	2310.294	2294.275	2295.283	2293.267	G[20]
L	23	2385.382	2253.271	2237.254	2238.262	2236.246	L[19]
G	24	2483.450	2140.185	2124.170	2125.178	2123.162	G[18]
F	25	2630.519	2012.130	1996.111	1997.119	1995.104	F[17]
F	26	2727.571	1895.062	1849.043	1850.051	1848.035	F[16]
V	27	2826.640	1768.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.661	1698.945	1682.922	1683.930	1681.914	G[14]
K	29	3039.763	1611.919	1595.900	1596.908	1594.890	K[13]
V	30	3138.811	1455.815	1439.799	1440.807	1438.791	V[12]
H	31	3275.890	1358.749	1340.731	1341.739	1339.723	H[11]
R	32	3431.991	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.075	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3688.150	950.505	934.487	935.495	933.479	L[8]
R	35	3814.262	837.422	821.403	822.410	820.395	R[7]
K	36	3942.355	681.320	665.302	666.309	664.294	K[6]
G	37	3999.376	553.225	537.207	538.214	536.199	G[5]
N	38	4113.419	496.204	480.185	481.193	479.177	N[4]
V	39	4276.463	382.161	366.142	367.150	365.134	V[3]
A	40	4387.500	219.096	203.079	204.086	202.070	A[2]
E	41	4476.562	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.34
- ▶ F104938.dat
- ▶ query=q3277_p1
- ▶ precursor=747.095730
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	513.037	2239.771	2231.267	8.304	2230.764	S[41]
G	2	81.547	2195.761	2187.751	0.504	2187.246	G[40]
R	3	180.621	2167.250	2159.241	2159.745	2158.737	R[39]
G	4	209.132	2088.176	2080.167	2080.671	2059.663	G[38]
K	5	273.180	2039.665	2031.656	2032.160	2031.152	K[37]
Q	6	337.209	1975.618	1967.609	1968.112	1967.105	Q[36]
G	7	385.720	1911.589	1903.579	1904.083	1903.075	G[35]
G	8	394.230	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.278	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.796	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	572.847	1735.001	1726.992	1727.496	1726.488	R[31]
A	12	607.365	1676.951	1668.941	1669.446	1668.438	A[30]
R	13	671.413	1643.432	1635.423	1635.927	1634.919	R[29]
A	14	706.931	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.979	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.495	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	862.546	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	938.602	1356.252	1348.243	1348.746	1347.739	S[24]
S	19	970.578	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.628	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.147	1191.169	1183.160	1183.664	1182.656	A[21]
Q	22	1121.657	1135.051	1127.041	1128.545	1127.537	Q[20]
L	23	1178.908	1119.140	1111.130	1111.634	1110.626	L[19]
Q	24	1242.229	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1315.763	1006.590	998.559	999.063	998.055	F[17]
F	26	1364.289	933.034	925.025	925.529	924.521	F[16]
V	27	1413.824	884.506	876.496	877.000	875.992	V[15]
Q	28	1442.134	834.974	826.964	827.468	826.460	Q[14]
R	29	1500.305	806.463	798.454	798.958	797.950	R[13]
V	30	1569.919	729.413	720.403	720.907	719.899	V[12]
H	31	1638.448	678.878	670.869	671.373	670.365	H[11]
R	32	1716.499	610.349	602.340	602.843	601.835	R[10]
L	33	1773.041	532.299	524.289	524.793	523.785	L[9]
L	34	1839.583	478.756	469.747	469.251	468.243	L[8]
R	35	1907.634	419.214	411.205	411.709	410.701	R[7]
K	36	1971.681	341.164	333.154	333.658	332.650	K[6]
G	37	2000.192	277.116	269.107	269.611	268.603	G[5]
N	38	2057.213	248.606	240.596	241.100	240.092	N[4]
V	39	2136.745	181.564	183.575	184.079	183.071	V[3]
A	40	2114.264	110.052	102.043	102.547	101.539	A[2]
E	41	2238.785	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.34
- ▶ F104938.dat
- ▶ query=q3277_p1
- ▶ precursor=747.095730
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#±1	#±2	z	AA	
S	1	35.993	1493.147	1487.867	0.672	1487.511	S[41]
G	2	54.702	1464.175	1458.837	0.672	1458.501	G[40]
R	3	130.750	1445.169	1439.830	1440.586	1439.494	R[39]
G	4	139.757	1379.120	1373.780	1374.116	1373.444	G[38]
K	5	182.455	1360.113	1354.773	1355.109	1354.437	K[37]
G	6	225.142	1317.414	1312.075	1312.411	1311.739	G[36]
G	7	244.149	1274.725	1269.387	1269.729	1269.061	G[35]
G	8	263.156	1235.921	1250.381	1250.717	1250.045	G[34]
K	9	305.654	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.513	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	381.567	1170.336	1164.997	1165.333	1164.661	R[31]
A	12	405.266	1133.303	1127.963	1128.300	1127.624	A[30]
R	13	447.944	1094.624	1089.284	1089.620	1088.948	R[29]
A	14	491.623	1051.925	1046.586	1046.922	1046.250	A[28]
K	15	514.322	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.312	985.548	980.208	980.544	979.873	S[26]
R	17	595.366	946.531	951.198	951.534	950.862	R[25]
S	18	624.319	904.504	900.164	900.500	900.836	S[24]
S	19	653.387	875.493	870.153	870.489	869.817	S[23]
R	20	705.421	846.482	841.143	841.479	840.807	R[22]
A	21	729.100	794.449	789.109	789.445	788.773	A[21]
G	22	748.107	770.770	765.430	765.766	765.094	G[20]
L	23	785.802	734.762	729.423	729.759	729.087	L[19]
Q	24	828.488	714.685	709.345	709.684	709.012	Q[18]
F	25	877.511	671.382	666.042	666.378	665.706	F[17]
P	26	909.902	622.359	617.019	617.355	616.683	P[16]
V	27	942.685	590.006	584.666	585.004	584.332	V[15]
G	28	961.892	556.985	551.645	551.981	551.309	G[14]
R	29	1013.026	537.916	532.576	532.914	532.242	R[13]
V	30	1046.948	485.944	480.604	480.941	480.269	V[12]
H	31	1092.635	452.921	447.581	447.918	447.246	H[11]
R	32	1144.668	407.235	401.895	402.231	401.560	R[10]
L	33	1188.363	355.201	349.862	350.198	349.526	L[9]
L	34	1230.058	312.509	307.169	307.505	306.833	L[8]
R	35	1272.062	279.812	274.472	274.808	274.136	R[7]
K	36	1314.790	227.778	222.439	222.775	222.103	K[6]
G	37	1333.797	185.880	179.740	180.076	179.404	G[5]
N	38	1371.811	146.873	140.733	141.069	140.397	N[4]
V	39	1426.166	108.998	102.719	103.055	102.383	V[3]
A	40	1449.845	73.348	66.384	66.720	66.048	A[2]
E	41	1492.859	30.025	44.638	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.34
- ▶ F104938.dat
- ▶ query=q3277_p1
- ▶ precursor=747.095730
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	#=1	#=2	#=3	AA
S	1	212.022	1120.142	1116.137	0.705	1115.985	S[41]
G	2	41.277	1026.384	1024.370	0.795	1094.127	G[40]
R	3	90.814	1084.129	1080.124	1080.376	1079.872	R[39]
G	4	109.070	1034.592	1030.587	1030.839	1030.335	G[38]
K	5	137.093	1020.336	1018.332	1016.304	1016.080	K[37]
G	6	169.108	998.312	994.308	984.560	983.270	G[36]
G	7	183.983	956.296	952.293	952.546	952.041	G[35]
G	8	197.810	942.043	938.038	938.290	937.786	G[34]
K	9	229.643	927.787	923.783	924.034	923.531	K[33]
A	10	247.402	895.763	891.759	892.011	891.507	A[32]
R	11	286.427	878.004	873.999	874.251	873.748	R[31]
A	12	304.186	838.978	834.974	835.226	834.723	A[30]
K	13	336.210	821.220	817.215	817.467	816.964	K[29]
A	14	353.969	789.199	785.191	785.443	784.939	A[28]
K	15	385.993	771.437	767.432	767.684	767.180	K[27]
S	16	407.751	739.413	735.408	735.660	735.156	S[26]
R	17	446.776	721.655	717.650	717.902	717.398	R[25]
S	18	468.518	678.930	674.925	674.977	674.974	S[24]
S	19	490.292	656.672	652.667	653.119	652.615	S[23]
R	20	526.318	635.114	631.109	631.361	630.857	R[22]
A	21	547.077	596.089	592.084	592.336	591.832	A[21]
G	22	561.332	578.329	574.324	574.576	574.072	G[20]
L	23	589.603	654.074	650.069	650.321	649.817	L[19]
Q	24	621.818	535.803	531.798	532.050	531.546	Q[18]
F	25	658.305	503.789	499.783	500.035	499.531	F[17]
F	26	682.646	467.021	463.016	463.268	462.764	F[16]
V	27	707.415	442.750	438.753	439.005	438.501	V[15]
G	28	721.671	417.991	413.985	414.238	413.734	G[14]
R	29	760.696	403.736	399.711	399.963	399.459	R[13]
V	30	785.463	364.710	360.705	360.957	360.453	V[12]
H	31	816.728	338.643	335.938	336.190	335.686	H[11]
R	32	858.753	305.678	301.673	301.925	301.421	R[10]
L	33	887.024	266.653	262.648	262.900	262.396	L[9]
L	34	915.295	238.362	234.357	234.609	234.105	L[8]
R	35	924.323	210.111	206.106	206.358	205.854	R[7]
K	36	966.344	171.088	167.083	167.335	166.829	K[6]
G	37	1006.600	139.063	135.057	135.309	134.805	G[5]
N	38	1029.110	124.806	120.802	121.054	120.550	N[4]
Y	39	1069.876	96.296	92.291	92.543	92.039	Y[3]
A	40	1087.835	58.530	54.525	54.777	54.273	A[2]
E	41	1119.896	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=48.34
- ▶ F104938.dat
- ▶ query=q3277.p1
- ▶ precursor=747.095730
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z#1	z#2	z	AA
S[1]	21.819	896.315	893.111	0.806	892.910	S[41]
G[2]	33.223	878.909	875.705	0.806	875.503	G[40]
R[3]	72.853	867.504	864.301	864.502	864.099	R[39]
G[4]	84.257	827.875	824.671	824.873	824.469	G[38]
K[5]	109.876	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.488	790.852	787.648	787.849	787.446	Q[36]
G[7]	146.892	765.240	762.036	762.238	761.834	G[35]
G[8]	158.296	753.836	750.632	750.833	750.430	G[34]
K[9]	183.915	742.431	739.227	739.429	739.026	K[33]
A[10]	198.123	716.812	713.608	713.810	713.407	A[32]
R[11]	229.343	702.605	699.401	699.603	699.199	R[31]
A[12]	243.551	671.385	668.181	668.382	667.979	A[30]
K[13]	269.170	657.177	653.973	654.175	653.772	K[29]
A[14]	283.377	631.558	628.354	628.556	628.153	A[28]
K[15]	308.996	617.351	614.147	614.349	613.945	K[27]
S[16]	326.402	591.732	588.528	588.730	588.326	S[26]
R[17]	357.623	574.325	571.122	571.323	570.920	R[25]
S[18]	375.029	548.105	539.901	540.103	539.700	S[24]
S[19]	392.438	525.699	522.495	522.697	522.293	S[23]
R[20]	423.656	508.292	505.089	505.290	504.887	R[22]
A[21]	437.863	477.072	473.868	474.070	473.667	A[21]
G[22]	449.267	462.865	459.661	459.862	459.459	G[20]
L[23]	471.884	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.496	428.844	425.640	425.841	425.438	Q[18]
F[25]	538.910	403.232	400.028	400.230	399.827	F[17]
P[26]	546.320	373.816	370.614	370.816	370.413	P[16]
V[27]	665.134	354.408	351.204	351.405	351.002	V[15]
G[28]	677.538	334.994	331.790	331.992	331.589	G[14]
R[29]	608.758	323.190	319.986	320.187	319.784	R[13]
V[30]	628.572	291.969	288.766	288.967	288.564	V[12]
H[31]	655.984	272.156	268.952	269.154	268.750	H[11]
K[32]	687.204	244.744	241.540	241.742	241.339	K[10]
L[33]	709.821	213.524	210.320	210.522	210.118	L[9]
L[34]	732.438	190.907	187.703	187.905	187.502	L[8]
R[35]	763.658	168.290	165.086	165.288	164.885	R[7]
R[36]	789.277	137.070	133.866	134.068	133.665	R[6]
G[37]	839.681	111.451	108.247	108.449	108.046	G[5]
N[38]	823.490	100.047	96.843	97.044	96.641	N[4]
V[39]	856.102	77.238	74.034	74.236	73.833	V[3]
A[40]	870.310	44.625	41.422	41.623	41.220	A[2]
E[41]	896.118	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.46
- ▶ F104939.dat
- ▶ query=q2799_p1
- ▶ precursor=747.095010
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#±1	#±2	z	AA	
S	1	105.960	4477.546	4461.531	0.000	4460.525	S[1]
G	2	102.087	4390.514	4374.499	0.000	4373.484	G[2]
R	3	360.235	4333.493	4317.474	4318.482	4318.460	R[3]
G	4	417.257	4135.345	4119.320	4120.334	4118.310	G[4]
K	5	545.352	4078.323	4062.305	4063.313	4061.297	K[5]
G	6	673.410	3950.228	3934.210	3935.218	3933.202	G[6]
G	7	730.432	3922.170	3899.151	3907.159	3895.141	G[7]
G	8	787.453	3765.148	3749.130	3750.138	3748.122	G[8]
K	9	915.548	3708.127	3692.108	3693.116	3691.100	K[9]
A	10	908.505	3580.032	3564.013	3565.021	3563.005	A[10]
R	11	1142.688	3538.995	3492.976	3493.984	3491.968	R[11]
A	12	1213.924	3382.964	3358.945	3357.953	3355.937	A[12]
K	13	1341.819	3281.857	3265.838	3266.846	3264.830	K[13]
A	14	1442.856	3153.762	3137.743	3138.751	3136.735	A[14]
K	15	1540.951	3082.725	3066.706	3067.714	3065.698	K[15]
S	16	1627.983	2954.630	2938.611	2939.619	2937.603	S[16]
R	17	1784.094	2897.598	2861.579	2852.587	2850.571	R[17]
S	18	1871.116	2713.496	2696.475	2696.488	2694.471	S[18]
S	19	1958.148	2634.464	2608.446	2609.454	2607.438	S[19]
R	20	2114.349	2537.432	2521.414	2522.422	2520.406	R[20]
A	21	2185.386	2381.311	2365.293	2366.300	2364.284	A[21]
G	22	2242.358	2310.294	2294.275	2295.283	2293.267	G[22]
L	23	2355.392	2253.271	2237.254	2238.262	2236.246	L[23]
Q	24	2463.420	2140.185	2124.170	2125.178	2123.162	Q[24]
F	25	2630.519	2012.130	1996.111	1997.119	1995.104	F[25]
F	26	2747.571	1895.062	1849.043	1850.051	1848.035	F[26]
V	27	2826.640	1768.009	1751.990	1752.998	1750.982	V[27]
G	28	2883.661	1698.945	1682.922	1683.930	1681.914	G[28]
K	29	3039.763	1511.915	1505.900	1506.908	1504.892	K[29]
V	30	3138.811	1455.818	1439.799	1440.807	1438.791	V[30]
H	31	3275.890	1358.749	1340.731	1341.739	1339.723	H[31]
R	32	3431.991	1219.691	1203.672	1204.680	1202.664	R[32]
L	33	3545.075	1063.589	1047.571	1048.579	1046.563	L[33]
L	34	3688.150	950.505	934.487	935.495	933.479	L[34]
R	35	3814.262	837.422	821.403	822.410	820.395	R[35]
K	36	3942.355	681.320	665.302	666.309	664.294	K[36]
G	37	3999.376	553.225	537.207	538.214	536.199	G[37]
N	38	4113.419	496.204	480.185	481.193	479.177	N[38]
V	39	4276.463	382.161	366.142	367.150	365.134	V[39]
A	40	4367.500	219.096	203.078	204.086	202.070	A[40]
E	41	4476.562	148.060	132.042	133.050	131.034	E[41]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.46
- ▶ F104939.dat
- ▶ query=q2799_p1
- ▶ precursor=747.095010
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#=1	#=2	z	AA	
S	1	513.037	2239.271	2231.867	0.804	2230.767	S[41]
G	2	81.547	2195.761	2187.751	0.804	2187.240	G[40]
R	3	180.621	2167.250	2159.241	2159.945	2158.737	R[39]
G	4	209.132	2098.176	2090.167	2090.671	2099.663	G[38]
K	5	273.180	2039.665	2031.656	2032.160	2031.152	K[37]
Q	6	337.209	1975.618	1967.608	1968.112	1967.205	Q[36]
G	7	385.720	1911.589	1903.579	1904.083	1903.073	G[35]
G	8	394.230	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.278	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.796	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.847	1735.001	1746.952	1747.496	1746.488	R[31]
A	12	607.355	1678.963	1670.953	1671.456	1670.447	A[30]
K	13	671.413	1643.433	1635.423	1635.927	1634.919	K[29]
A	14	706.931	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.979	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.495	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	862.546	1434.302	1425.293	1426.797	1425.789	R[25]
S	18	938.602	1356.252	1348.243	1348.746	1347.739	S[24]
S	19	979.578	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.628	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.147	1191.169	1183.160	1183.664	1182.656	A[21]
Q	22	1121.657	1135.051	1147.641	1148.145	1147.137	Q[20]
L	23	1178.908	1119.140	1129.130	1119.635	1118.627	L[19]
Q	24	1242.229	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1315.763	1008.599	998.559	999.063	998.055	F[17]
F	26	1364.289	933.034	925.025	925.529	924.521	F[16]
V	27	1413.824	884.508	876.499	877.003	875.995	V[15]
Q	28	1462.334	834.974	826.965	827.468	826.461	Q[14]
R	29	1520.305	808.483	798.454	798.958	797.950	R[13]
V	30	1569.919	728.413	720.403	720.907	719.899	V[12]
H	31	1636.448	678.878	670.869	671.373	670.365	H[11]
R	32	1716.499	610.349	602.340	602.843	601.835	R[10]
L	33	1773.041	532.289	524.280	524.783	523.775	L[9]
L	34	1839.583	478.756	469.747	469.250	468.242	L[8]
R	35	1907.634	419.214	411.205	411.708	410.701	R[7]
K	36	1971.681	341.164	333.154	333.658	332.650	K[6]
G	37	2000.192	277.116	269.107	269.611	268.603	G[5]
N	38	2057.213	248.606	240.596	241.100	240.092	N[4]
V	39	2136.745	181.564	183.575	184.079	183.071	V[3]
A	40	2114.264	110.026	102.017	102.520	101.512	A[2]
E	41	2238.785	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.46
- ▶ F104939.dat
- ▶ query=q2799_p1
- ▶ precursor=747.095010
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#±1	#±2	z	AA	
S	1	35.993	1493.187	1487.857	0.872	1487.511	S(41)
G	2	54.702	1486.170	1458.837	0.872	1458.501	G(40)
R	3	130.750	1445.169	1439.830	1440.186	1439.494	R(39)
G	4	139.757	1379.120	1373.780	1374.116	1373.444	G(38)
K	5	182.415	1360.113	1354.773	1355.109	1354.437	K(37)
G	6	225.142	1337.414	1312.075	1312.411	1311.779	G(36)
G	7	284.189	1314.725	1269.389	1269.725	1269.053	G(35)
G	8	283.156	1295.721	1250.381	1250.717	1250.045	G(34)
K	9	305.854	1236.714	1231.374	1231.710	1231.038	K(33)
A	10	329.513	1194.016	1189.076	1189.012	1188.340	A(32)
R	11	381.567	1170.338	1164.997	1165.333	1164.661	R(31)
A	12	489.266	1138.383	1133.903	1133.969	1133.297	A(30)
K	13	447.944	1094.624	1089.284	1089.620	1089.948	K(29)
A	14	471.623	1051.925	1046.586	1046.922	1046.250	A(28)
K	15	514.322	1028.246	1022.907	1023.243	1022.571	K(27)
S	16	543.312	985.548	980.208	980.544	979.873	S(26)
R	17	595.266	956.537	951.198	951.534	950.862	R(25)
S	18	624.373	904.504	899.164	899.500	898.828	S(24)
S	19	653.357	875.493	870.153	870.489	869.817	S(23)
R	20	705.421	846.482	841.143	841.479	840.807	R(22)
A	21	729.100	794.449	789.109	789.445	788.773	A(21)
C	22	748.107	770.770	765.430	765.766	765.094	C(20)
L	23	785.882	734.762	729.423	729.759	729.087	L(19)
C	24	828.488	714.685	709.345	709.681	709.009	C(18)
F	25	877.511	671.382	666.042	666.378	665.706	F(17)
F	26	909.982	622.359	617.019	617.355	616.683	F(16)
V	27	942.885	590.006	584.666	585.004	584.332	V(15)
C	28	961.892	558.985	553.645	553.981	553.309	C(14)
R	29	1013.874	537.978	532.638	532.974	532.302	R(13)
V	30	1046.948	485.944	480.604	480.941	480.269	V(12)
H	31	1092.635	453.921	447.581	447.918	447.246	H(11)
R	32	1144.668	407.235	401.895	402.231	401.560	R(10)
L	33	1182.363	355.201	349.862	350.198	349.526	L(9)
L	34	1220.058	313.509	307.169	307.505	306.833	L(8)
R	35	1272.982	279.812	274.472	274.808	274.136	R(7)
K	36	1314.790	227.778	222.438	222.775	222.103	K(6)
G	37	1333.797	185.880	179.740	180.076	179.404	G(5)
N	38	1371.811	166.873	160.733	161.069	160.397	N(4)
V	39	1426.166	138.998	132.719	133.055	132.383	V(3)
A	40	1449.845	97.348	91.064	91.400	90.728	A(2)
E	41	1492.859	50.025	44.685	45.021	44.349	E(1)

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=64.46
- ▶ F104939.dat
- ▶ query=q2799_p1
- ▶ precursor=747.095010
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	#=1	#=2	#=3	#=4	AA
S	1	212.022	1120.142	1116.137	0.755	1115.885	0.541	G49
G	2	41.277	1026.384	1024.378	0.755	1024.127	0.469	R30
R	3	90.814	1084.129	1080.124	1080.376	1079.872	0.439	G38
G	4	109.070	1034.592	1030.587	1030.839	1030.135	0.438	K37
K	5	137.093	1020.139	1018.332	1016.584	1016.080	0.438	Q36
Q	6	169.109	998.312	994.308	994.560	993.856	0.435	G35
G	7	183.983	956.296	952.293	951.545	952.041	0.434	K33
G	8	197.810	942.043	938.038	938.290	937.786	0.432	R31
K	9	229.643	927.787	923.783	924.034	923.531	0.430	A32
A	10	247.402	895.763	891.759	892.011	891.507	0.428	R31
R	11	266.427	878.004	873.999	874.251	873.748	0.426	A30
A	12	304.186	838.979	834.974	835.226	834.722	0.424	K29
K	13	336.210	821.220	817.215	817.467	816.964	0.422	A28
A	14	353.989	789.199	785.195	785.443	784.939	0.420	K27
K	15	385.993	771.437	767.432	767.684	767.180	0.418	S26
S	16	407.751	739.413	735.408	735.660	735.156	0.416	R25
R	17	446.776	717.655	713.650	713.902	713.398	0.414	S24
S	18	468.518	678.930	674.925	674.977	674.473	0.412	S23
S	19	490.292	656.672	652.667	652.919	652.415	0.410	R22
R	20	526.318	635.114	631.109	631.361	630.857	0.408	A21
A	21	547.077	596.089	592.084	592.336	591.832	0.406	Q20
Q	22	561.332	578.329	574.324	574.576	574.072	0.404	L19
L	23	589.683	654.074	650.069	650.321	649.817	0.402	Q18
Q	24	621.918	535.803	531.798	532.050	531.546	0.400	F17
F	25	658.385	503.788	499.783	500.035	499.531	0.398	P16
P	26	682.646	467.021	463.016	463.268	462.764	0.396	V15
V	27	707.415	442.750	438.753	439.005	438.501	0.394	Q14
Q	28	721.671	417.991	413.985	414.238	413.734	0.392	R13
R	29	760.696	483.736	479.731	479.983	479.479	0.390	R12
R	30	785.463	364.710	360.705	360.957	360.453	0.388	H11
H	31	819.728	339.643	335.638	335.890	335.386	0.386	R10
R	32	858.753	305.678	301.673	301.925	301.421	0.384	L9
L	33	887.024	266.653	262.648	262.900	262.396	0.382	R7
R	34	915.295	238.362	234.357	234.609	234.105	0.380	R7
R	35	944.320	210.111	206.106	206.358	205.854	0.378	K6
K	36	986.344	171.086	167.081	167.333	166.829	0.376	G5
G	37	1006.600	139.062	135.057	135.309	134.805	0.374	N4
N	38	1029.110	124.806	120.802	121.054	120.550	0.372	V3
V	39	1059.876	96.296	92.291	92.543	92.039	0.370	A2
A	40	1087.635	58.530	54.525	54.777	54.273	0.368	E1
E	41	1119.896	37.771	33.766	34.018	33.514	0.366	

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=64.46
- ▶ F104939.dat
- ▶ query=q2799_p1
- ▶ precursor=747.095010
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA
S[1]	21.819	896.315	893.111	0.806	892.910	S[41]
G[2]	33.223	878.909	875.705	0.806	875.503	G[40]
R[3]	72.853	867.504	864.301	864.502	864.099	R[39]
G[4]	84.257	827.875	824.671	824.873	824.469	G[38]
K[5]	109.876	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.488	790.952	787.548	787.849	787.445	Q[36]
G[7]	146.892	765.240	762.036	762.238	761.834	G[35]
G[8]	158.296	753.836	750.632	750.833	750.430	G[34]
K[9]	183.915	742.431	739.227	739.429	739.026	K[33]
A[10]	198.123	716.812	713.608	713.810	713.407	A[32]
R[11]	229.343	702.605	699.401	699.603	699.199	R[31]
A[12]	243.551	671.385	668.181	668.382	667.979	A[30]
K[13]	269.170	657.177	653.973	654.175	653.772	K[29]
A[14]	283.377	631.558	628.354	628.556	628.153	A[28]
K[15]	308.996	617.351	614.147	614.349	613.945	K[27]
S[16]	326.402	591.732	588.528	588.730	588.326	S[26]
R[17]	357.623	574.325	571.122	571.323	570.920	R[25]
S[18]	375.029	548.105	539.901	540.103	539.700	S[24]
S[19]	392.438	525.699	522.495	522.697	522.293	S[23]
R[20]	423.656	508.292	505.089	505.290	504.887	R[22]
A[21]	437.863	477.072	473.868	474.070	473.667	A[21]
G[22]	449.267	462.865	459.661	459.862	459.459	G[20]
L[23]	471.884	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.496	428.844	425.640	425.841	425.438	Q[18]
F[25]	538.910	403.232	400.028	400.230	399.827	F[17]
P[26]	546.320	373.818	370.614	370.816	370.413	P[16]
V[27]	565.134	354.408	351.204	351.405	351.002	V[15]
G[28]	573.538	334.994	331.790	331.992	331.589	G[14]
R[29]	608.758	323.190	319.986	320.187	319.784	R[13]
V[30]	628.572	291.969	288.766	288.967	288.564	V[12]
H[31]	655.984	272.156	268.952	269.154	268.750	H[11]
K[32]	687.204	244.744	241.540	241.742	241.339	K[10]
L[33]	709.821	213.524	210.320	210.522	210.118	L[9]
L[34]	732.438	190.907	187.703	187.905	187.502	L[8]
R[35]	763.658	168.290	165.086	165.288	164.885	R[7]
K[36]	789.277	137.070	133.866	134.068	133.665	K[6]
G[37]	839.681	111.451	108.247	108.449	108.046	G[5]
N[38]	823.490	100.047	96.843	97.044	96.641	N[4]
V[39]	856.102	77.238	74.034	74.236	73.833	V[3]
A[40]	870.310	44.625	41.422	41.623	41.220	A[2]
E[41]	896.118	30.418	27.214	27.416	27.013	E[1]

sp | Q8BFU2 | H2A3_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.34
- ▶ F104939.dat
- ▶ query=q2804_p1
- ▶ precursor=749.761700
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	105.066	4493.941	4477.533	0.000	4476.915	S 41
G 2	162.087	4406.509	4390.491	0.000	4389.483	G 40
R 3	360.235	4349.488	4331.460	4334.477	4332.461	R 39
G 4	417.257	4151.340	4135.321	4136.329	4134.313	G 38
K 5	545.352	4094.310	4078.300	4079.307	4077.292	K 37
Q 6	673.410	3996.273	3980.265	3951.212	3940.191	Q 36
G 7	730.432	3836.165	3822.146	3823.154	3821.138	G 35
G 8	787.453	3781.143	3765.125	3766.132	3764.117	G 34
K 9	915.548	3724.122	3708.103	3709.111	3707.095	K 33
A 10	986.585	3666.027	3650.008	3651.016	3649.000	A 32
R 11	1147.586	3524.990	3508.971	3530.979	3507.963	R 31
A 12	1213.724	3368.959	3352.939	3353.978	3351.962	A 30
K 13	1341.819	3297.852	3281.833	3282.841	3280.825	K 29
A 14	1412.856	3169.757	3153.738	3154.746	3152.730	A 28
K 15	1540.951	3098.719	3082.701	3083.709	3081.693	K 27
S 16	1627.983	2970.625	2954.606	2955.614	2953.598	S 26
R 17	1784.084	2883.562	2867.544	2868.562	2866.546	R 25
S 18	1873.116	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1958.148	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2114.249	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2185.286	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2242.308	2426.289	2410.270	2411.278	2409.263	G 20
L 23	2355.392	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2483.450	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2638.519	2028.125	2012.106	2013.114	2011.098	F 17
P 26	2727.571	1881.057	1865.038	1866.046	1864.030	P 16
V 27	2826.640	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2883.661	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3039.762	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3138.811	1491.833	1475.814	1476.822	1474.807	V 12
H 31	3275.900	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3431.991	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3545.075	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3658.159	966.500	950.482	951.489	949.474	L 8
R 35	3814.260	853.416	837.398	838.405	836.390	R 7
K 36	3932.335	697.315	681.298	682.304	680.289	K 6
G 37	3999.376	569.220	553.201	554.209	552.194	G 5
N 38	4113.419	512.109	496.100	497.108	495.172	N 4
Y 39	4276.481	396.156	380.137	381.145	381.129	Y 3
S 40	4363.515	235.092	219.074	220.082	218.066	S 2
E 41	4492.557	148.060	132.042	133.050	131.034	E 1

sp | Q8BFU2 | H2A3_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.34
- ▶ F104939.dat
- ▶ query=q2804_p1
- ▶ precursor=749.761700
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	53.037	2347.274	2239.265	0.504	2239.761	S 41
G 2	61.547	2261.758	2195.749	0.504	2195.245	G 40
R 3	180.621	2175.948	2167.238	2167.742	2166.734	R 39
G 4	209.132	2076.174	2068.164	2068.668	2067.660	G 38
K 5	273.190	2047.663	2039.653	2040.157	2039.150	K 37
Q 6	337.269	1983.616	1975.406	1976.110	1975.102	Q 36
G 7	385.720	1919.568	1911.577	1912.081	1911.075	G 35
G 8	394.230	1891.075	1883.066	1883.570	1882.562	G 34
K 9	458.276	1862.565	1854.555	1855.059	1854.051	K 33
A 10	493.796	1798.517	1790.508	1791.012	1790.004	A 32
R 11	571.847	1762.099	1754.089	1755.493	1754.485	R 31
A 12	607.365	1698.048	1679.937	1677.943	1676.935	A 30
R 13	671.413	1649.429	1641.420	1641.924	1640.916	R 29
A 14	706.931	1585.382	1577.373	1577.876	1576.869	A 28
K 15	770.979	1549.603	1541.654	1542.358	1541.350	K 27
S 16	814.495	1485.616	1477.607	1478.110	1477.103	S 26
R 17	892.546	1442.300	1434.290	1434.794	1433.787	R 25
S 18	936.662	1384.249	1356.240	1356.744	1355.736	S 24
S 19	979.578	1320.733	1312.724	1313.228	1312.220	S 23
R 20	1057.628	1277.217	1269.208	1269.712	1268.704	R 22
A 21	1093.147	1199.067	1191.157	1191.661	1190.653	A 21
Q 22	1121.657	1163.648	1155.639	1156.143	1155.135	Q 20
L 23	1178.399	1136.137	1127.128	1127.632	1126.624	L 19
Q 24	1242.229	1078.595	1070.586	1071.090	1070.082	Q 19
F 25	1315.763	1014.566	1006.557	1007.061	1006.053	F 17
F 26	1364.289	941.032	933.023	933.526	932.519	F 16
V 27	1413.824	892.506	884.496	885.000	883.992	V 15
G 28	1442.334	842.071	834.962	835.466	834.458	G 14
D 29	1520.285	814.461	806.451	806.955	805.947	D 13
V 30	1569.919	738.410	729.401	729.904	727.897	V 12
H 31	1638.448	686.876	678.866	679.370	678.363	H 11
R 32	1716.499	618.346	610.337	610.841	609.833	R 10
L 33	1773.041	540.290	532.280	532.784	531.777	L 9
L 34	1829.583	483.754	475.744	476.248	475.241	L 8
R 35	1867.634	427.212	419.202	419.706	418.699	R 7
R 36	1971.681	349.161	341.152	341.656	340.648	R 6
G 37	2000.192	295.114	277.104	277.608	276.600	G 5
N 38	2067.213	256.603	248.594	249.098	248.090	N 4
V 39	2138.745	199.582	191.573	192.076	191.069	V 3
S 40	2182.261	118.050	110.041	110.544	109.537	S 2
E 41	2246.782	74.534	66.524	67.028	66.021	E 1

sp | Q8BFU2 | H2A3_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.34
- ▶ F104939.dat
- ▶ query=q2804_p1
- ▶ precursor=749.761700
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	35.993	1498.519	1483.175	0.872	1482.844	S[41]
G	2	54.702	1489.926	1464.168	0.672	1463.832	G[40]
R	3	130.750	1450.501	1445.161	1445.497	1444.825	R[39]
G	4	139.757	1384.451	1379.112	1379.448	1378.770	G[38]
K	5	182.415	1305.444	1360.105	1360.441	1359.763	K[37]
G	6	225.142	1322.746	1317.462	1317.742	1317.070	G[36]
G	7	244.149	1300.090	1274.720	1275.056	1274.384	G[35]
G	8	263.156	1261.051	1255.713	1256.049	1255.377	G[34]
K	9	305.654	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	329.513	1199.347	1194.008	1194.344	1193.672	A[32]
R	11	381.567	1175.668	1170.329	1170.664	1169.993	R[31]
A	12	405.266	1123.834	1119.307	1119.971	1119.295	A[30]
K	13	447.944	1090.955	1094.616	1094.952	1094.280	K[29]
A	14	491.623	1057.257	1051.917	1052.581	1051.905	A[28]
K	15	514.322	1033.578	1028.238	1028.574	1027.902	K[27]
S	16	543.312	990.887	985.540	985.876	985.204	S[26]
R	17	585.266	961.869	956.529	956.865	956.193	R[25]
S	18	624.379	959.839	954.488	954.833	954.160	S[24]
S	19	653.357	980.825	875.485	875.821	875.149	S[23]
R	20	705.421	851.814	846.474	846.810	846.138	R[22]
A	21	729.100	799.780	794.441	794.777	794.105	A[21]
G	22	748.107	776.101	770.762	771.098	770.426	G[20]
L	23	785.882	759.094	753.754	754.090	753.418	L[19]
Q	24	828.488	733.305	724.960	724.396	723.724	Q[18]
F	25	877.511	676.713	671.374	671.710	671.038	F[17]
F	26	909.982	627.600	622.261	622.607	622.015	F[16]
V	27	942.885	595.139	590.000	590.336	589.664	V[15]
G	28	961.892	562.317	556.977	557.313	556.641	G[14]
R	29	1013.974	443.309	437.970	438.306	437.634	R[13]
V	30	1046.948	401.275	405.936	406.272	405.600	V[12]
H	31	1092.635	458.253	452.913	453.249	452.577	H[11]
R	32	1144.668	412.967	407.227	407.563	406.891	R[10]
L	33	1182.363	360.533	355.193	355.529	354.857	L[9]
L	34	1230.658	322.876	317.489	317.825	317.153	L[8]
R	35	1272.062	285.144	279.804	280.140	279.468	R[7]
K	36	1314.790	233.110	227.770	228.106	227.434	K[6]
G	37	1333.797	190.412	185.072	185.408	184.736	G[5]
N	38	1371.811	171.404	166.065	166.401	165.729	N[4]
V	39	1426.166	133.290	128.051	128.386	127.715	V[3]
S	40	1455.176	99.036	93.696	94.032	93.360	S[2]
E	41	1498.191	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=50.34
- ▶ F104939.dat
- ▶ query=q2804_p1
- ▶ precursor=749.761700
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	#s=1	#s=2	#s=3	AA
S	1	212.022	1124.141	1120.136	0.705	1110.884	S[41]
G	2	41.277	1102.381	1098.175	0.795	1098.120	G[40]
R	3	90.814	1088.127	1084.123	1084.375	1083.871	R[39]
G	4	109.070	1038.500	1034.506	1034.838	1034.334	G[38]
K	5	137.093	1024.335	1020.330	1020.582	1020.078	K[37]
G	6	169.108	992.311	988.307	988.559	988.055	G[36]
G	7	183.983	960.297	956.292	956.544	955.940	G[35]
G	8	197.810	948.041	942.037	942.289	941.785	G[34]
K	9	229.643	931.786	927.781	928.033	927.529	K[33]
A	10	247.402	899.762	895.757	896.009	895.500	A[32]
R	11	286.427	882.003	877.998	878.250	877.746	R[31]
A	12	304.186	842.918	838.913	839.205	838.711	A[30]
K	13	336.210	825.215	821.214	821.466	820.962	K[29]
A	14	353.969	793.195	789.190	789.442	788.938	A[28]
K	15	385.993	775.435	771.431	771.683	771.179	K[27]
S	16	407.751	743.412	739.407	739.659	739.155	S[26]
R	17	446.776	721.954	717.949	717.901	717.300	R[25]
S	18	468.514	692.626	688.621	688.876	688.372	S[24]
S	19	490.292	660.870	656.866	657.118	656.614	S[23]
R	20	526.318	638.112	634.108	635.360	634.856	R[22]
A	21	547.077	600.087	596.082	596.334	595.830	A[21]
G	22	561.332	582.328	578.323	578.575	578.071	G[20]
L	23	589.683	568.072	564.068	564.320	563.816	L[19]
Q	24	621.818	539.801	535.797	536.049	535.545	Q[18]
F	25	658.305	507.787	503.782	504.034	503.530	F[17]
P	26	682.646	471.020	467.015	467.267	466.763	P[16]
V	27	707.415	446.756	442.752	443.004	442.500	V[15]
G	28	721.671	421.989	417.985	418.237	417.733	G[14]
R	29	750.606	389.734	385.729	385.981	385.477	R[13]
V	30	785.463	368.705	364.704	364.956	364.452	V[12]
H	31	819.728	343.942	339.937	340.189	339.685	H[11]
R	32	858.753	309.677	305.672	305.924	305.420	R[10]
L	33	897.624	270.652	266.647	266.899	266.395	L[9]
L	34	915.295	242.381	238.376	238.628	238.124	L[8]
R	35	924.323	214.110	210.105	210.357	209.853	R[7]
K	36	966.344	175.084	171.080	171.332	170.828	K[6]
G	37	1006.600	143.061	139.056	139.308	138.804	G[5]
N	38	1029.110	128.805	124.800	125.052	124.548	N[4]
V	39	1069.876	100.294	96.289	96.542	96.038	V[3]
S	40	1091.814	98.529	94.524	94.776	94.272	S[2]
E	41	1123.895	37.771	33.766	34.018	33.514	E[1]

sp | Q8BFU2 | H2A3_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=50.34
- ▶ F104939.dat
- ▶ query=q2804_p1
- ▶ precursor=749.761700
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA	
S	1	21 819	899.514	899.310	0.806	896.109	S[41]
G	2	33.223	882.108	878.904	0.806	878.702	G[40]
R	3	72.853	870.703	867.500	867.701	867.298	R[39]
G	4	84.257	831.074	827.870	828.072	827.668	G[38]
K	5	109.876	819.569	816.466	816.667	816.264	K[37]
Q	6	135.488	794.050	790.847	791.048	790.645	Q[36]
G	7	146.892	768.439	765.235	765.437	765.033	G[35]
G	8	158.296	757.034	753.831	754.032	753.629	G[34]
K	9	183.915	745.930	742.428	742.628	742.225	K[33]
A	10	198.123	720.011	716.807	717.009	716.606	A[32]
R	11	229.343	705.804	702.600	702.802	702.398	R[31]
A	12	243.551	674.984	671.380	671.581	671.178	A[30]
K	13	269.170	660.376	657.172	657.374	656.971	K[29]
A	14	283.377	634.757	631.553	631.755	631.352	A[28]
K	15	308.996	620.550	617.346	617.548	617.144	K[27]
S	16	326.402	594.931	591.727	591.929	591.525	S[26]
R	17	357.623	577.524	574.321	574.522	574.119	R[25]
S	18	375.029	546.304	543.100	543.302	542.899	S[24]
S	19	392.435	528.898	525.694	525.896	525.492	S[23]
R	20	423.656	511.491	508.288	508.489	508.086	R[22]
A	21	437.863	480.271	477.067	477.269	476.866	A[21]
G	22	449.267	466.064	462.860	463.061	462.658	G[20]
L	23	471.884	494.659	451.456	451.657	451.254	L[19]
Q	24	497.496	432.043	428.839	429.040	428.637	Q[18]
F	25	528.910	406.431	403.227	403.429	403.026	F[17]
P	26	546.320	377.017	373.813	374.015	373.612	P[16]
V	27	565.134	357.807	354.603	354.804	354.201	V[15]
G	28	577.538	337.793	334.589	334.791	334.388	G[14]
R	29	608.758	326.389	323.185	323.386	322.983	R[13]
V	30	628.572	295.168	291.965	292.166	291.763	V[12]
H	31	658.984	275.355	272.151	272.353	271.949	H[11]
R	32	687.204	247.943	244.739	244.941	244.538	R[10]
L	33	709.821	216.723	213.519	213.721	213.317	L[9]
L	34	732.438	194.109	190.902	191.104	190.701	L[8]
R	35	763.658	171.489	168.283	168.487	168.084	R[7]
K	36	789.277	140.269	137.065	137.267	136.864	K[6]
G	37	830.681	114.650	111.446	111.648	111.245	G[5]
N	38	823.490	103.246	100.042	100.243	99.840	N[4]
V	39	856.102	80.437	77.233	77.435	77.032	V[3]
S	40	873.509	47.824	44.621	44.822	44.419	S[2]
E	41	899.317	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.25
- ▶ F104939.dat
- ▶ query=q2811_p1
- ▶ precursor=644.797580
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	105.060	4507.557	4493.530	0.000	4490.530	S 41
G 2	182.087	4420.525	4404.506	0.000	4403.496	G 40
R 3	360.235	4301.504	4347.485	4348.493	4346.477	R 39
G 4	417.257	4165.355	4149.337	4150.345	4148.329	G 38
K 5	545.352	4108.134	4092.315	4093.323	4091.307	K 37
Q 6	673.410	3980.239	3964.221	3965.228	3963.211	Q 36
G 7	730.432	3852.083	3836.101	3837.110	3835.104	G 35
G 8	787.453	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.548	3736.138	3722.119	3723.127	3721.111	K 33
A 10	986.585	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.686	3539.006	3523.987	3523.995	3521.979	R 31
A 12	1213.723	3382.904	3366.885	3367.893	3365.877	A 30
R 13	1341.819	3311.867	3295.848	3296.856	3294.841	R 29
A 14	1412.856	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.951	3112.735	3096.710	3097.724	3095.709	K 27
T 16	1641.998	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1780.059	2883.592	2867.573	2868.582	2866.566	R 25
S 18	1889.131	2797.494	2781.475	2782.483	2780.467	S 24
S 19	1972.183	2640.459	2624.441	2625.448	2623.433	S 23
R 20	2128.285	2553.421	2537.402	2538.416	2536.401	R 22
A 21	2199.302	2397.326	2381.307	2382.315	2380.300	A 21
Q 22	2256.323	2326.289	2310.270	2311.278	2309.263	Q 20
L 23	2309.407	2209.260	2203.240	2204.247	2202.241	L 19
Q 24	2407.400	2158.184	2142.165	2143.173	2141.157	Q 19
F 25	2644.534	2028.125	2012.106	2013.114	2011.099	F 17
F 26	2741.587	1881.057	1865.038	1866.046	1864.030	F 16
V 27	2840.655	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.677	1664.935	1668.917	1669.924	1667.909	G 14
R 29	3093.778	1637.814	1631.795	1632.803	1630.787	R 13
V 30	3152.840	1471.613	1455.794	1456.802	1454.786	V 12
H 31	3289.905	1372.744	1366.726	1357.734	1355.718	H 11
R 32	3446.006	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.090	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.175	966.500	960.482	961.489	949.474	L 8
R 35	3828.273	833.416	827.398	828.405	826.389	R 7
K 36	3956.371	697.315	691.296	692.304	680.289	K 6
G 37	4013.392	569.220	553.201	554.209	552.194	G 5
N 38	4127.435	512.109	496.100	497.108	495.172	N 4
V 39	4290.498	398.156	382.137	383.145	381.129	V 3
S 40	4377.530	235.082	219.074	220.082	218.066	S 2
E 41	4566.573	148.060	132.043	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.25
- ▶ F104939.dat
- ▶ query=q2811_p1
- ▶ precursor=644.797580
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	w	#s1	#s2	z	AA	
S	1	513.037	2254.274	2266.273	0.504	2245.167	S(41)
G	2	81.547	2210.766	2202.757	0.504	2202.251	G(40)
R	3	180.621	2182.255	2174.246	2174.750	2173.742	R(39)
G	4	209.132	2083.181	2075.172	2075.676	2074.668	G(38)
K	5	273.180	2054.671	2046.661	2047.165	2046.157	K(37)
Q	6	337.209	1990.622	1982.614	1983.118	1982.110	Q(36)
G	7	385.720	1926.594	1918.584	1919.088	1918.080	G(35)
G	8	394.230	1898.083	1890.074	1890.578	1889.570	G(34)
K	9	458.278	1869.572	1861.563	1862.067	1861.059	K(33)
A	10	493.796	1805.525	1797.516	1798.019	1797.012	A(32)
R	11	571.847	1737.008	1729.000	1729.503	1728.495	R(31)
A	12	607.365	1692.959	1684.950	1684.450	1683.443	A(30)
R	13	671.413	1626.437	1618.428	1618.932	1617.924	R(29)
A	14	706.931	1592.900	1584.890	1584.884	1583.876	A(28)
K	15	770.979	1526.871	1548.862	1549.366	1548.358	K(27)
T	16	821.503	1492.824	1484.814	1485.318	1484.310	T(26)
R	17	899.553	1442.300	1434.291	1434.794	1433.786	R(25)
S	18	913.059	1384.249	1376.240	1376.744	1375.736	S(24)
S	19	986.585	1320.733	1312.724	1313.228	1312.220	S(23)
R	20	1064.636	1277.217	1269.208	1269.712	1268.704	R(22)
A	21	1100.155	1199.167	1191.157	1191.661	1190.653	A(21)
C	22	1128.665	1153.148	1155.639	1156.143	1155.135	C(20)
Q	23	1185.207	1108.131	1100.122	1127.632	1126.624	Q(19)
Q	24	1249.237	1073.595	1070.586	1071.090	1070.082	Q(18)
F	25	1322.771	1014.568	1006.557	1007.061	1006.053	F(17)
F	26	1371.297	941.053	933.043	933.546	932.538	F(16)
V	27	1420.811	892.506	884.496	885.000	884.992	V(15)
C	28	1449.342	846.971	838.962	835.466	834.458	C(14)
R	29	1527.873	814.461	806.451	805.955	805.947	R(13)
V	30	1576.927	736.410	728.401	728.905	727.897	V(12)
H	31	1645.456	688.876	678.868	679.372	678.364	H(11)
R	32	1723.507	618.346	610.337	610.841	609.833	R(10)
L	33	1780.049	540.296	532.286	532.790	531.782	L(9)
L	34	1838.599	483.754	473.743	474.246	473.238	L(8)
R	35	1914.641	427.212	419.202	419.706	418.698	R(7)
K	36	1978.689	349.161	341.152	341.656	340.648	K(6)
G	37	2067.200	285.114	277.104	277.608	276.600	G(5)
N	38	2094.221	256.603	248.594	249.098	248.090	N(4)
V	39	2145.753	199.562	191.552	192.056	191.048	V(3)
S	40	2189.266	118.056	110.046	110.549	109.541	S(2)
E	41	2253.790	74.534	66.524	67.028	66.021	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=43.25
- ▶ F104939.dat
- ▶ query=q2811_p1
- ▶ precursor=644.797580
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#s1	#s2	#s	AA	
S	1	35.693	1503.191	1467.851	0.872	1467.511	S(41)
G	2	54.702	1474.185	1468.840	0.672	1468.504	G(40)
R	3	130.750	1455.173	1449.833	1450.169	1449.497	R(39)
G	4	139.757	1389.123	1383.784	1384.120	1383.440	G(38)
K	5	182.455	1370.116	1364.777	1365.113	1364.441	K(37)
G	6	225.142	1327.418	1322.078	1322.414	1321.742	G(36)
G	7	264.189	1284.723	1279.382	1279.720	1279.050	G(35)
G	8	263.156	1265.725	1260.385	1260.721	1260.049	G(34)
K	9	305.654	1246.717	1241.378	1241.714	1241.042	K(33)
A	10	329.513	1204.019	1198.679	1199.015	1198.344	A(32)
R	11	381.567	1180.340	1175.003	1175.336	1174.664	R(31)
A	12	405.206	1128.206	1123.907	1123.908	1123.903	A(30)
R	13	447.944	1104.627	1099.288	1099.624	1098.952	R(29)
A	14	491.623	1081.029	1056.509	1056.925	1056.253	A(28)
K	15	514.322	1038.250	1032.910	1033.246	1032.574	K(27)
T	16	548.004	995.552	990.212	990.548	989.870	T(26)
R	17	600.028	981.869	956.529	956.865	956.183	R(25)
S	18	629.049	959.835	954.425	954.833	954.160	S(24)
S	19	658.959	938.025	875.485	875.821	875.149	S(23)
R	20	710.093	951.814	846.474	846.810	846.138	R(22)
A	21	733.772	799.789	794.441	794.777	794.105	A(21)
G	22	752.779	778.101	770.762	771.098	770.426	G(20)
L	23	790.474	737.094	751.754	752.090	751.419	L(19)
Q	24	833.160	713.355	714.060	714.396	713.724	Q(18)
F	25	882.183	676.713	671.374	671.710	671.038	F(17)
F	26	914.534	627.600	622.351	622.887	622.015	F(16)
V	27	947.657	595.139	590.000	590.336	589.664	V(15)
G	28	966.564	562.317	556.977	557.313	556.641	G(14)
R	29	1010.598	543.309	537.970	538.306	537.634	R(13)
V	30	1051.620	490.276	485.038	486.272	485.600	V(12)
H	31	1097.307	458.253	452.913	453.249	452.577	H(11)
R	32	1149.340	412.967	407.227	407.563	406.891	R(10)
L	33	1187.035	360.533	355.193	355.529	354.857	L(9)
L	34	1224.730	322.576	317.489	317.825	317.153	L(8)
R	35	1276.763	285.144	279.804	280.140	279.468	R(7)
K	36	1319.462	233.110	227.770	228.106	227.434	K(6)
G	37	1338.469	190.412	185.072	185.408	184.736	G(5)
N	38	1376.483	171.404	166.065	166.401	165.729	N(4)
V	39	1430.838	133.390	128.051	128.386	127.715	V(3)
S	40	1459.846	99.136	93.796	94.132	93.460	S(2)
E	41	1502.863	50.025	44.685	45.021	44.349	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=43.25
- ▶ F104939.dat
- ▶ query=q2811_p1
- ▶ precursor=644.797580
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#+1	#+2	#	AA
S 1	217.022	1127.645	1123.640	0.705	1123.380	S 41
G 2	43.277	1125.887	1121.882	0.795	1121.630	G 40
R 3	90.814	1091.631	1087.627	1087.870	1087.375	R 39
G 4	109.070	1042.094	1038.090	1038.342	1037.838	G 38
K 5	137.093	1027.839	1023.834	1024.086	1023.582	K 37
G 6	169.138	995.915	991.911	992.262	991.559	G 36
G 7	183.983	983.903	979.739		980.048	G 35
G 8	197.810	949.945	945.541	945.792	945.289	G 34
K 9	229.643	935.290	931.285	931.537	931.033	K 33
A 10	247.402	903.266	899.261	899.513	899.009	A 32
R 11	266.427	898.507	881.502	881.754	881.250	R 31
A 12	304.186	846.482	842.477	842.729	842.225	A 30
K 13	336.210	828.722	824.718	824.970	824.466	K 29
A 14	353.989	796.699	792.694	792.946	792.442	A 28
K 15	388.993	778.939	774.935	775.187	774.683	K 27
T 16	411.255	746.915	742.911	743.163	742.659	T 26
R 17	458.280	721.954	717.949	717.901	717.30	R 25
S 18	474.918	692.628	688.624	688.876	688.372	S 24
S 19	493.796	660.970	656.966	657.118	656.614	S 23
R 20	532.822	638.112	634.108	635.360	634.856	R 22
A 21	550.581	600.087	596.082	596.334	595.830	A 21
G 22	564.836	582.328	578.323	578.575	578.071	G 20
L 23	603.887	658.072	644.068	644.320	643.816	L 19
Q 24	625.122	639.803	635.797	636.049	635.545	Q 18
F 25	661.889	597.787	593.782	594.034	593.530	F 17
F 26	668.152	471.020	467.015	467.267	466.763	F 16
V 27	710.919	446.756	442.752	443.004	442.500	V 15
G 28	725.175	421.989	417.985	418.237	417.733	G 14
R 29	764.819	389.734	385.729	403.981	403.477	R 13
V 30	788.957	368.709	364.704	364.956	364.452	V 12
H 31	823.232	343.942	339.937	340.189	339.685	H 11
R 32	862.257	309.677	305.672	305.924	305.420	R 10
L 33	890.528	270.652	266.647	266.899	266.395	L 9
L 34	918.799	242.361	238.356	238.608	238.104	L 8
R 35	957.824	214.110	210.105	210.357	209.853	R 7
K 36	989.848	175.084	171.079	171.331	170.827	K 6
G 37	1064.103	143.061	139.056	139.308	138.804	G 5
N 38	1032.614	128.805	124.800	125.052	124.548	N 4
V 39	1078.280	100.294	96.289	96.541	96.037	V 3
S 40	1098.138	98.529	94.524	94.776	94.272	S 2
E 41	1127.399	97.771	93.766	94.018	93.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQG GKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=43.25
- ▶ F104939.dat
- ▶ query=q2811.p1
- ▶ precursor=644.797580
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA		c	y	z+1	z#2	z	AA
S	1	21.819	902.317	899.113	0.806	898.912	S[41]
G	2	33.223	894.911	881.707	0.806	881.506	G[40]
R	3	72.853	873.507	870.303	870.504	870.101	R[39]
G	4	84.257	833.877	830.673	830.875	830.472	G[38]
K	5	109.876	822.473	819.269	819.470	819.067	K[37]
Q	6	135.488	796.854	793.650	793.851	793.448	Q[36]
G	7	146.692	771.242	768.038	768.240	767.837	G[35]
G	8	158.296	759.838	756.634	756.835	756.432	G[34]
K	9	183.915	748.833	745.230	745.431	745.028	K[33]
A	10	198.123	722.814	719.611	719.812	719.409	A[32]
R	11	229.343	708.607	705.403	705.605	705.202	R[31]
A	12	243.551	677.387	674.183	674.385	673.981	A[30]
K	13	269.170	663.179	659.976	660.177	659.774	K[29]
A	14	283.377	637.560	634.357	634.558	634.155	A[28]
K	15	308.996	623.353	620.149	620.351	619.948	K[27]
T	16	329.205	597.734	594.530	594.732	594.329	T[26]
R	17	360.426	577.524	574.321	574.522	574.119	R[25]
S	18	377.832	546.304	543.100	543.302	542.899	S[24]
S	19	399.239	528.896	525.691	525.896	525.492	S[23]
R	20	426.459	511.491	508.288	508.489	508.086	R[22]
A	21	440.666	480.271	477.067	477.269	476.866	A[21]
G	22	452.070	466.064	462.860	463.061	462.658	G[20]
L	23	474.687	494.659	451.456	451.657	451.254	L[19]
Q	24	500.299	432.043	428.839	429.040	428.637	Q[18]
F	25	529.713	406.831	403.227	403.429	403.026	F[17]
P	26	549.123	377.017	373.813	374.015	373.612	P[16]
V	27	568.837	357.607	354.403	354.604	354.201	V[15]
G	28	589.241	337.793	334.589	334.791	334.388	G[14]
R	29	611.561	326.389	323.185	323.386	322.983	R[13]
V	30	631.375	295.168	291.965	292.166	291.763	V[12]
H	31	658.787	275.355	272.151	272.353	271.949	H[11]
R	32	690.007	247.943	244.739	244.941	244.538	R[10]
L	33	712.624	216.723	213.519	213.721	213.317	L[9]
L	34	735.241	194.109	190.902	191.104	190.701	L[8]
R	35	766.461	171.489	168.283	168.487	168.084	R[7]
K	36	782.080	140.269	137.065	137.267	136.864	K[6]
G	37	803.884	114.650	111.446	111.648	111.245	G[5]
N	38	826.293	103.246	100.042	100.243	99.840	N[4]
V	39	858.905	80.437	77.233	77.435	77.032	V[3]
S	40	876.312	47.824	44.621	44.822	44.419	S[2]
E	41	902.120	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

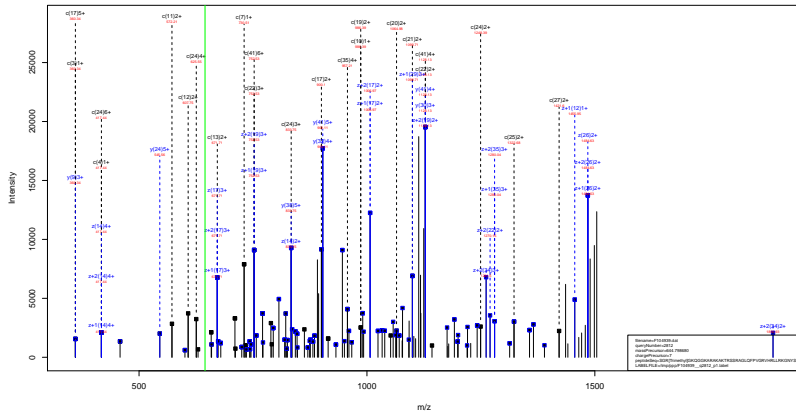
SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=43.25
- ▶ F104939.dat
- ▶ query=q2811.p1
- ▶ precursor=644.797580
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z#1	z#2	z	AA		
S	1	18.350	752.099	749.420	0.839	149.261	S	41
G	2	27.854	737.594	734.924	0.839	734.756	G	40
R	3	60.879	728.090	725.420	725.508	725.252	R	39
G	4	70.382	695.005	692.396	692.563	692.238	G	38
K	5	91.731	685.562	682.892	683.060	682.724	K	37
Q	6	113.074	674.213	661.543	661.711	661.375	Q	36
G	7	122.578	642.869	640.200	640.368	640.032	G	35
G	8	132.082	631.366	630.696	630.864	630.528	G	34
K	9	153.431	623.862	621.193	621.360	621.025	K	33
A	10	165.270	602.513	599.843	600.011	599.675	A	32
R	11	191.387	590.674	588.004	588.172	587.836	R	31
A	12	203.127	564.657	561.987	562.155	561.819	A	30
K	13	224.476	552.817	550.147	550.315	549.980	K	29
A	14	236.315	531.468	528.798	528.966	528.630	A	28
K	15	257.665	519.629	516.959	517.127	516.791	K	27
T	16	274.506	498.279	495.610	495.778	495.442	T	26
R	17	300.523	481.438	478.768	478.936	478.600	R	25
S	18	313.028	435.421	432.752	432.919	432.584	S	24
S	19	329.533	440.916	438.246	438.414	438.078	S	23
R	20	355.550	426.411	423.741	423.909	423.573	R	22
A	21	367.390	400.994	397.724	397.892	397.556	A	21
G	22	376.893	388.554	385.884	386.052	385.716	G	20
L	23	395.741	379.051	376.381	376.549	376.213	L	19
Q	24	417.084	360.203	357.534	357.702	357.366	Q	18
F	25	441.595	338.880	336.190	336.358	336.022	F	17
P	26	457.771	314.346	311.676	311.844	311.511	P	16
V	27	474.282	298.173	295.503	295.672	295.336	V	15
G	28	483.786	281.662	278.992	279.160	278.824	G	14
R	29	509.802	272.158	269.488	269.657	269.321	R	13
V	30	526.314	246.142	243.472	243.640	243.304	V	12
H	31	549.157	229.630	226.960	227.128	226.792	H	11
R	32	575.174	206.787	204.117	204.285	203.949	R	10
L	33	594.021	180.770	178.100	178.268	177.932	L	9
L	34	612.868	161.923	159.253	159.421	159.085	L	8
R	35	638.885	143.075	140.405	140.574	140.238	R	7
R	36	660.235	117.059	114.389	114.557	114.221	R	6
G	37	669.738	95.709	93.040	93.208	92.872	G	5
N	38	688.745	86.206	83.536	83.704	83.368	N	4
V	39	715.922	67.199	64.529	64.697	64.361	V	3
S	40	730.428	40.021	37.352	37.520	37.184	S	2
E	41	751.935	25.516	22.846	23.014	22.678	E	1

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS



sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.17
- ▶ F104939.dat
- ▶ query=q2812_p1
- ▶ precursor=644.798680
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	105.066	4507.557	4491.530	0.000	4490.530	S[41]
G	2	162.087	4420.525	4404.506	0.000	4403.496	G[40]
R	3	360.235	4301.504	4347.485	4348.493	4346.477	R[30]
G	4	417.257	4165.355	4149.337	4150.345	4148.329	G[38]
K	5	545.352	4108.334	4092.315	4093.323	4091.307	K[37]
Q	6	673.410	3980.320	3964.302	3965.310	3963.294	Q[36]
G	7	730.432	3852.305	3836.287	3837.295	3835.279	G[35]
G	8	787.453	3795.289	3779.270	3780.278	3778.262	G[34]
K	9	915.548	3736.270	3720.251	3721.259	3719.243	K[33]
A	10	966.585	3610.243	3594.224	3595.232	3593.216	A[32]
R	11	1142.686	3539.095	3522.987	3523.995	3521.979	R[31]
A	12	1213.724	3382.004	3366.985	3367.993	3365.977	A[30]
R	13	1341.819	3311.987	3295.840	3296.856	3294.841	R[29]
A	14	1412.856	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.951	3112.735	3096.710	3097.724	3095.709	K[27]
T	16	1641.998	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1768.099	2853.592	2837.573	2838.582	2836.566	R[25]
S	18	1885.133	2797.494	2781.474	2782.483	2780.467	S[24]
S	19	1972.163	2640.450	2624.441	2625.448	2623.433	S[23]
R	20	2138.265	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2199.302	2497.326	2481.307	2482.315	2480.300	A[21]
G	22	2256.323	2326.289	2310.270	2311.278	2309.262	G[20]
L	23	2309.407	2209.260	2193.240	2194.247	2192.241	L[19]
Q	24	2407.468	2158.184	2142.165	2143.173	2141.157	Q[18]
F	25	2644.534	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.587	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2840.625	1794.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.677	1684.935	1668.917	1669.924	1667.909	G[14]
T	29	2953.776	1627.824	1611.805	1612.813	1610.797	T[13]
V	30	3152.846	1471.613	1455.794	1456.802	1454.786	V[12]
H	31	3289.905	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3446.006	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.090	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.175	966.500	950.482	951.489	949.473	L[8]
T	35	3839.276	833.416	817.398	818.405	836.390	T[7]
K	36	3956.371	697.315	681.296	682.304	680.289	K[6]
G	37	4013.392	569.220	553.201	554.209	552.194	G[5]
N	38	4127.435	512.099	496.180	497.188	495.172	N[4]
V	39	4290.498	398.156	382.137	383.145	381.129	V[3]
S	40	4377.530	235.082	219.074	220.082	218.066	S[2]
E	41	4406.573	148.060	132.043	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.17
- ▶ F104939.dat
- ▶ query=q2812_p1
- ▶ precursor=644.798680
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	w	s±1	s±2	z	AA	
S	1	81.037	2254.274	2266.273	0.804	2245.167	S[41]
G	2	81.547	2210.966	2202.757	0.904	2202.251	G[40]
R	3	180.621	2182.295	2174.246	2174.790	2173.742	R[39]
G	4	209.132	2083.181	2075.172	2075.676	2074.668	G[38]
K	5	273.180	2054.671	2046.661	2047.165	2046.157	K[37]
G	6	337.209	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	385.720	1926.594	1918.584	1919.088	1918.080	G[35]
G	8	394.230	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.278	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.796	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.847	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.365	1692.995	1684.983	1685.486	1684.478	A[30]
R	13	671.413	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.931	1592.900	1584.889	1584.884	1583.876	A[28]
K	15	770.979	1556.871	1548.860	1549.366	1548.358	K[27]
T	16	821.503	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	899.553	1442.800	1434.787	1435.291	1434.283	R[25]
S	18	933.699	1384.249	1356.240	1356.744	1355.736	S[24]
S	19	986.585	1320.733	1312.724	1313.228	1312.220	S[23]
R	20	1064.636	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.155	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1128.665	1153.648	1145.639	1146.143	1145.135	G[20]
L	23	1157.677	1104.131	1096.120	1127.632	1126.624	L[19]
Q	24	1249.237	1078.595	1070.586	1071.090	1070.082	Q[18]
F	25	1322.771	1014.569	1006.557	1007.061	1006.053	F[17]
F	26	1371.297	941.053	933.043	933.546	932.519	F[16]
V	27	1420.831	892.506	884.496	885.000	883.992	V[15]
G	28	1469.342	842.971	834.961	835.466	834.458	G[14]
R	29	1527.893	814.443	806.431	806.935	805.927	R[13]
V	30	1576.927	736.410	728.401	728.905	727.897	V[12]
H	31	1645.456	688.876	678.866	679.370	678.363	H[11]
R	32	1723.507	618.346	610.337	610.841	609.833	R[10]
L	33	1780.049	540.296	532.286	532.790	531.783	L[9]
L	34	1838.599	469.794	461.783	462.286	461.278	L[8]
R	35	1914.641	427.212	419.202	419.706	418.698	R[7]
K	36	1978.689	349.161	341.152	341.656	340.648	K[6]
G	37	2067.200	285.114	277.104	277.608	276.600	G[5]
N	38	2094.221	256.603	248.594	249.098	248.090	N[4]
V	39	2145.753	199.562	191.552	192.056	191.048	V[3]
S	40	2199.266	118.056	110.046	110.549	109.541	S[2]
E	41	2253.790	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQG GKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.17
- ▶ F104939.dat
- ▶ query=q2812_p1
- ▶ precursor=644.798680
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	35.993	1502.194	1497.831	0.572	1497.511	S(41)
G	2	54.702	1474.180	1468.840	0.672	1468.504	G(40)
R	3	130.750	1455.173	1449.833	1450.169	1449.497	R(39)
G	4	139.757	1389.123	1383.784	1384.420	1383.446	G(38)
K	5	182.455	1370.116	1364.777	1365.113	1364.441	K(37)
G	6	225.142	1327.418	1322.078	1322.414	1321.742	G(36)
G	7	264.189	1284.733	1279.392	1279.728	1279.056	G(35)
G	8	263.156	1265.925	1266.265	1260.721	1260.049	G(34)
K	9	305.654	1246.717	1241.378	1241.714	1241.042	K(33)
A	10	329.513	1204.019	1198.679	1199.015	1198.344	A(32)
R	11	381.567	1180.340	1175.000	1175.336	1174.664	R(31)
A	12	405.266	1128.306	1128.997	1127.301	1127.931	A(30)
K	13	447.944	1104.627	1099.288	1099.624	1098.952	K(29)
A	14	491.623	1081.929	1056.539	1056.925	1056.251	A(28)
K	15	514.322	1038.250	1032.910	1033.246	1032.574	K(27)
T	16	548.024	995.552	990.212	990.548	989.870	T(26)
R	17	600.838	981.869	956.529	956.865	956.183	R(25)
S	18	629.049	959.875	964.425	964.819	964.160	S(24)
S	19	658.959	880.825	875.485	875.821	875.149	S(23)
R	20	710.093	851.614	846.474	846.810	846.138	R(22)
A	21	733.772	799.789	794.441	794.777	794.105	A(21)
G	22	752.779	778.101	770.762	771.098	770.426	G(20)
L	23	790.474	757.094	751.754	752.090	751.417	L(19)
Q	24	833.160	719.359	744.386	744.770	744.121	Q(18)
F	25	882.183	676.713	671.374	671.710	671.038	F(17)
F	26	914.534	627.600	622.351	622.687	622.015	F(16)
V	27	947.557	595.139	590.000	590.336	589.664	V(15)
G	28	966.564	562.317	556.977	557.313	556.641	G(14)
R	29	1015.508	543.309	537.910	538.298	537.624	R(13)
V	30	1051.620	491.276	485.938	486.272	485.600	V(12)
H	31	1097.397	458.253	452.913	453.249	452.577	H(11)
R	32	1149.340	412.967	407.227	407.563	406.891	R(10)
L	33	1187.035	360.533	355.193	355.529	354.857	L(9)
L	34	1224.730	322.576	317.489	317.826	317.161	L(8)
L	35	1276.763	285.144	279.804	280.140	279.466	L(7)
K	36	1319.462	233.110	227.770	228.106	227.434	K(6)
G	37	1338.469	190.412	185.072	185.408	184.736	G(5)
N	38	1376.483	171.404	166.065	166.401	165.729	N(4)
V	39	1430.836	133.290	128.051	128.386	127.715	V(3)
S	40	1459.846	99.139	93.900	94.232	93.560	S(2)
E	41	1502.863	50.025	44.685	45.021	44.349	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=46.17
- ▶ F104939.dat
- ▶ query=q2812_p1
- ▶ precursor=644.798680
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#=1	#=2	#=3	#=4	AA
S	1	217.020	1127.645	1123.660	0.759	1123.361	S(4)
G	2	43.277	1125.887	1121.882	0.755	1121.630	G(4)
R	3	90.814	1091.631	1087.627	1087.870	1087.375	R(3)
G	4	109.070	1042.094	1038.090	1038.342	1037.839	G(3)
K	5	137.093	1027.839	1023.834	1024.086	1023.582	K(3)
G	6	169.138	995.915	991.911	992.062	991.559	G(2)
G	7	183.983	983.903	959.796	960.048	959.544	G(2)
G	8	197.810	949.945	945.541	945.792	945.289	G(4)
K	9	229.643	935.290	931.285	931.537	931.033	K(3)
A	10	247.402	903.266	899.261	899.513	899.009	A(3)
R	11	266.427	885.507	881.502	881.754	881.250	R(3)
A	12	284.186	846.482	842.477	842.729	842.225	A(3)
K	13	336.210	828.722	824.718	824.970	824.466	K(2)
A	14	353.969	796.699	792.694	792.946	792.442	A(2)
K	15	385.993	778.939	774.935	775.187	774.683	K(2)
T	16	411.255	746.915	742.911	743.163	742.659	T(2)
R	17	459.280	721.954	717.949	718.201	717.700	R(2)
S	18	472.938	692.628	678.624	678.876	678.372	S(4)
S	19	493.796	660.970	656.966	657.218	656.714	S(3)
R	20	532.622	639.112	635.108	635.360	634.856	R(2)
A	21	550.581	600.087	596.082	596.334	595.830	A(2)
G	22	564.836	582.328	578.323	578.575	578.071	G(2)
L	23	603.887	568.072	564.068	564.320	563.816	L(3)
Q	24	625.122	539.803	535.797	536.049	535.545	Q(1)
F	25	661.889	507.787	503.782	504.034	503.530	F(1)
F	26	698.152	471.020	467.015	467.267	466.763	F(1)
V	27	710.919	446.756	442.752	443.004	442.500	V(1)
G	28	725.175	421.989	417.985	418.237	417.733	G(4)
R	29	764.937	389.734	385.729	385.981	385.477	R(1)
V	30	788.967	368.709	364.704	364.956	364.452	V(1)
H	31	823.232	343.942	339.937	340.189	339.685	H(1)
R	32	862.257	309.677	305.672	305.924	305.420	R(1)
L	33	890.528	270.652	266.647	266.899	266.395	L(1)
L	34	919.989	242.981	238.976	239.228	238.724	L(1)
R	35	957.824	214.110	210.105	210.357	209.853	R(1)
K	36	989.848	175.084	171.079	171.331	170.827	K(1)
G	37	1004.103	143.061	139.056	139.308	138.804	G(1)
N	38	1032.614	128.805	124.800	125.052	124.548	N(4)
V	39	1074.280	100.294	96.289	96.541	96.037	V(1)
S	40	1098.138	99.529	95.524	95.776	95.272	S(1)
E	41	1127.399	97.771	93.766	94.018	93.514	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQG GKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=46.17
- ▶ F104939.dat
- ▶ query=q2812.p1
- ▶ precursor=644.798680
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA		c	y	z+1	z#2	z	AA
S	1	21.819	902.317	899.113	0.806	898.912	S[41]
G	2	33.223	884.911	881.707	0.806	881.506	G[40]
R	3	72.853	873.507	870.303	870.504	870.101	R[39]
G	4	84.257	833.877	830.673	830.875	830.472	G[38]
K	5	109.876	822.473	819.269	819.470	819.067	K[37]
Q	6	135.488	796.954	793.650	793.851	793.448	Q[36]
G	7	146.692	771.242	768.038	768.240	767.837	G[35]
G	8	158.296	759.838	756.634	756.835	756.432	G[34]
K	9	183.915	748.833	745.230	745.431	745.028	K[33]
A	10	198.123	722.814	719.611	719.812	719.409	A[32]
R	11	229.343	708.607	705.403	705.605	705.202	R[31]
A	12	243.551	677.387	674.183	674.385	673.981	A[30]
K	13	269.170	663.179	659.976	660.177	659.774	K[29]
A	14	283.377	637.960	634.357	634.558	634.155	A[28]
K	15	308.996	623.353	620.149	620.351	619.948	K[27]
T	16	329.205	597.734	594.530	594.732	594.329	T[26]
R	17	360.426	577.524	574.321	574.522	574.119	R[25]
S	18	377.832	546.304	543.100	543.302	542.899	S[24]
S	19	399.239	529.996	525.694	525.896	525.492	S[23]
R	20	426.459	511.491	508.288	508.489	508.086	R[22]
A	21	440.666	480.271	477.067	477.269	476.866	A[21]
G	22	452.070	466.064	462.860	463.061	462.658	G[20]
L	23	474.687	494.659	451.456	451.657	451.254	L[19]
Q	24	500.299	432.043	428.839	429.040	428.637	Q[18]
F	25	529.713	406.831	403.227	403.429	403.026	F[17]
P	26	549.123	377.017	373.813	374.015	373.612	P[16]
V	27	568.837	357.607	354.403	354.604	354.201	V[15]
G	28	589.241	337.793	334.589	334.791	334.388	G[14]
R	29	611.561	326.389	323.185	323.386	322.983	R[13]
V	30	631.375	295.168	291.965	292.166	291.763	V[12]
H	31	658.787	275.355	272.151	272.353	271.949	H[11]
R	32	690.007	247.943	244.739	244.941	244.538	R[10]
L	33	712.624	216.723	213.519	213.721	213.317	L[9]
L	34	735.241	194.109	190.902	191.104	190.701	L[8]
R	35	766.461	171.489	168.283	168.487	168.084	R[7]
K	36	782.080	140.269	137.065	137.267	136.864	K[6]
G	37	803.884	114.650	111.446	111.648	111.245	G[5]
N	38	826.293	101.246	100.042	100.243	99.840	N[4]
V	39	858.905	80.437	77.233	77.435	77.032	V[3]
S	40	876.312	47.824	44.621	44.822	44.419	S[2]
E	41	902.120	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=46.17
- ▶ F104939.dat
- ▶ query=q2812.p1
- ▶ precursor=644.798680
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z#1	z#2	z	AA
S[1]	18.350	752.099	749.420	0.839	749.261	S[41]
G[2]	27.854	737.594	734.924	0.839	734.756	G[40]
R[3]	60.879	728.090	725.420	725.508	725.252	R[39]
G[4]	70.382	695.005	692.396	692.563	692.238	G[38]
K[5]	91.731	685.562	682.892	683.060	682.724	K[37]
Q[6]	113.074	674.213	661.543	661.711	661.375	Q[36]
G[7]	122.578	642.869	640.200	640.368	640.032	G[35]
G[8]	132.082	633.366	630.696	630.864	630.528	G[34]
K[9]	153.431	623.862	621.193	621.360	621.025	K[33]
A[10]	165.270	602.513	599.843	600.011	599.675	A[32]
R[11]	191.287	590.674	588.004	588.172	587.836	R[31]
A[12]	203.127	564.657	561.987	562.155	561.819	A[30]
K[13]	224.476	552.817	550.147	550.315	549.980	K[29]
A[14]	236.315	531.468	528.798	528.966	528.630	A[28]
K[15]	257.665	519.629	516.959	517.127	516.791	K[27]
T[16]	274.506	498.279	495.610	495.778	495.442	T[26]
R[17]	300.523	481.438	478.768	478.936	478.600	R[25]
S[18]	313.028	435.421	432.752	432.919	432.584	S[24]
S[19]	329.533	440.916	438.246	438.414	438.078	S[23]
R[20]	355.550	426.411	423.741	423.909	423.573	R[22]
A[21]	367.390	400.994	397.724	397.892	397.556	A[21]
G[22]	376.893	388.554	385.884	386.052	385.716	G[20]
L[23]	395.741	379.051	376.381	376.549	376.213	L[19]
Q[24]	417.084	360.203	357.534	357.702	357.366	Q[18]
P[25]	441.595	338.880	336.190	336.358	336.022	P[17]
P[26]	457.771	314.346	311.679	311.847	311.511	P[16]
V[27]	474.282	298.173	295.503	295.672	295.336	V[15]
G[28]	483.786	281.662	278.992	279.160	278.824	G[14]
R[29]	509.802	272.158	269.489	269.657	269.321	R[13]
V[30]	526.314	246.142	243.472	243.640	243.304	V[12]
H[31]	549.157	229.630	226.960	227.128	226.792	H[11]
R[32]	575.174	206.787	204.117	204.285	203.949	R[10]
L[33]	594.021	180.770	178.100	178.268	177.932	L[9]
L[34]	612.868	161.923	159.253	159.421	159.085	L[8]
R[35]	638.885	143.075	140.406	140.574	140.238	R[7]
R[36]	660.235	117.059	114.389	114.557	114.221	R[6]
G[37]	669.738	95.709	93.040	93.208	92.872	G[5]
N[38]	688.745	86.206	83.536	83.704	83.368	N[4]
V[39]	715.922	67.199	64.529	64.697	64.361	V[3]
S[40]	730.428	40.021	37.352	37.520	37.184	S[2]
E[41]	751.935	25.516	22.846	23.014	22.678	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=103.60
- ▶ F104939.dat
- ▶ query=q2813_p1
- ▶ precursor=902.315370
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	105.066	4507.557	4491.530	0.000	4490.530	S[41]
G	2	162.087	4420.525	4404.506	0.000	4403.496	G[40]
R	3	360.235	4301.504	4347.485	4348.493	4346.477	R[39]
G	4	417.257	4165.355	4149.337	4150.345	4148.329	G[38]
K	5	545.352	4108.334	4092.315	4093.323	4091.307	K[37]
Q	6	673.410	3989.320	3994.322	3995.328	3993.311	Q[36]
G	7	730.432	3852.480	3836.462	3837.470	3835.454	G[35]
G	8	787.453	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.546	3736.138	3722.119	3723.127	3721.111	K[33]
A	10	986.585	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.686	3539.006	3522.987	3523.995	3521.979	R[31]
A	12	1213.724	3382.904	3366.885	3367.893	3365.877	A[30]
R	13	1341.819	3311.867	3295.848	3296.856	3294.841	R[29]
A	14	1412.856	3183.722	3167.704	3168.701	3166.746	A[28]
K	15	1540.951	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1841.998	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1798.099	2863.592	2847.573	2848.582	2846.566	R[25]
S	18	1889.131	2797.494	2781.475	2782.483	2780.467	S[24]
S	19	1972.163	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2138.265	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2199.302	2497.326	2481.307	2482.315	2480.300	A[21]
G	22	2256.323	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2309.407	2209.260	2203.240	2204.247	2202.241	L[19]
Q	24	3007.468	2158.184	2142.165	2143.173	2139.157	Q[18]
F	25	3644.534	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.587	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2840.625	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.677	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3653.776	1627.824	1611.805	1612.803	1610.787	R[13]
V	30	3152.846	1471.813	1455.794	1456.802	1454.786	V[12]
H	31	3289.905	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3446.006	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.090	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.175	966.500	950.482	951.489	949.474	L[8]
R	35	3839.276	853.416	837.398	838.405	836.390	R[7]
K	36	3956.371	697.315	681.296	682.304	680.289	K[6]
G	37	4013.392	549.220	533.201	534.209	532.194	G[5]
N	38	4127.435	512.099	496.180	497.188	495.172	N[4]
V	39	4290.498	398.156	382.137	383.145	381.129	V[3]
S	40	4377.530	235.082	219.074	220.082	218.066	S[2]
E	41	4406.573	144.960	132.043	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=103.60
- ▶ F104939.dat
- ▶ query=q2813_p1
- ▶ precursor=902.315370
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	w	#s1	#s2	c	AA	
S	1	81.037	2254.274	2268.273	0.504	2245.767	S[41]
G	2	81.547	2210.766	2203.757	0.504	2202.251	G[40]
R	3	180.621	2182.255	2174.246	2174.750	2173.742	R[39]
G	4	209.132	2083.181	2075.172	2075.676	2074.668	G[38]
K	5	273.180	2054.671	2048.661	2047.165	2046.157	K[37]
G	6	337.209	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	385.720	1926.594	1918.585		1919.088	G[35]
G	8	394.230	1898.081	1890.074	1890.578	1889.570	G[34]
K	9	458.278	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.796	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.847	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.906	1692.959	1683.949	1684.450	1683.443	A[30]
R	13	671.413	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.931	1592.900	1584.890	1584.894	1583.876	A[28]
K	15	770.979	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.503	1492.824	1484.814	1483.318	1484.310	T[26]
R	17	899.933	1452.291	1434.291	1434.794	1433.787	R[25]
S	18	943.009	1364.249	1356.240	1356.744	1355.736	S[24]
S	19	986.585	1320.713	1312.724	1311.228	1310.220	S[23]
R	20	1064.636	1277.217	1269.228	1269.712	1268.704	R[22]
A	21	1100.155	1199.161	1191.157	1191.661	1190.653	A[21]
G	22	1128.665	1163.648	1155.659	1156.163	1155.155	G[20]
L	23	1187.981	1128.137	1127.128	1127.632	1126.624	L[19]
G	24	1249.237	1073.595	1065.606	1064.109	1063.092	G[18]
F	25	1322.771	1014.568	1006.557	1007.061	1006.053	F[17]
F	26	1371.297	941.033	933.043	933.546	932.539	F[16]
V	27	1420.831	892.500	884.496	885.000	883.992	V[15]
G	28	1449.342	842.971	834.962	835.466	834.458	G[14]
R	29	1517.853	814.481	806.471	806.975	805.967	R[13]
V	30	1576.927	736.410	728.401	728.905	727.897	V[12]
H	31	1645.456	688.876	678.866	679.370	678.363	H[11]
R	32	1723.967	618.346	610.337	610.841	609.833	R[10]
L	33	1780.049	540.296	532.286	532.790	531.783	L[9]
L	34	1838.979	489.794	479.783	479.286	478.280	L[8]
R	35	1914.641	427.212	419.202	419.706	418.699	R[7]
K	36	1978.689	349.161	341.152	341.656	340.648	K[6]
G	37	2067.200	285.114	277.104	277.608	276.600	G[5]
N	38	2094.221	256.603	248.594	249.098	248.090	N[4]
V	39	2145.753	199.562	191.552	192.056	191.048	V[3]
S	40	2189.266	118.050	110.041	110.544	109.537	S[2]
E	41	2253.790	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQG GKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=103.60
- ▶ F104939.dat
- ▶ query=q2813_p1
- ▶ precursor=902.315370
- ▶ chargePrecursor=5
- ▶ itol=0.8

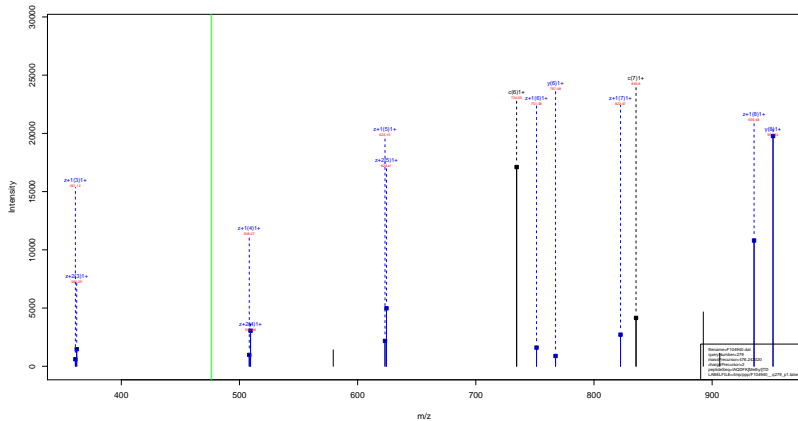
AA		c	y	#s1	#s2	#s	AA
S	1	35.693	1503.191	1407.851	0.872	1407.515	S(4)
G	2	54.702	1474.185	1468.840	0.672	1468.503	G(6)
R	3	130.750	1455.173	1449.833	1450.169	1449.497	R(3)
G	4	139.757	1389.123	1383.784	1384.120	1383.448	G(38)
K	5	182.455	1370.116	1364.777	1365.113	1364.441	K(37)
G	6	225.142	1327.418	1322.078	1322.414	1321.742	G(36)
G	7	264.189	1284.723	1279.382	1279.728	1279.056	G(35)
G	8	263.156	1265.725	1260.385	1260.721	1260.049	G(34)
K	9	305.654	1246.717	1241.578	1241.714	1241.042	K(33)
A	10	329.513	1204.019	1198.079	1199.015	1198.344	A(32)
R	11	381.567	1180.310	1175.000	1175.336	1174.664	R(31)
A	12	405.266	1128.306	1123.167	1123.303	1122.631	A(30)
K	13	447.844	1104.627	1099.288	1099.624	1098.952	K(29)
A	14	491.823	1081.929	1056.539	1056.925	1056.251	A(28)
K	15	514.322	1038.250	1032.910	1033.246	1032.574	K(27)
T	16	548.004	995.552	990.212	990.548	989.876	T(26)
R	17	600.026	981.869	956.529	956.865	956.191	R(25)
S	18	629.049	959.835	924.485	924.821	924.146	S(24)
S	19	658.059	980.825	875.485	875.821	875.149	S(23)
R	20	710.093	951.814	846.474	846.810	846.136	R(22)
A	21	733.772	799.780	794.441	794.777	794.101	A(21)
G	22	752.779	776.101	770.762	771.098	770.426	G(20)
L	23	780.474	759.094	753.754	754.090	753.418	L(19)
Q	24	833.150	739.366	734.026	734.362	733.690	Q(18)
F	25	882.183	676.713	671.374	671.710	671.038	F(17)
F	26	914.534	627.600	622.261	622.597	621.921	F(16)
V	27	947.557	595.139	590.000	590.336	589.664	V(15)
G	28	966.564	562.317	556.977	557.313	556.641	G(14)
R	29	1013.558	543.309	537.970	538.306	537.634	R(13)
V	30	1051.620	490.276	485.038	486.272	485.600	V(12)
H	31	1097.307	458.253	452.913	453.249	452.577	H(11)
R	32	1149.340	412.967	407.227	407.563	406.891	R(10)
L	33	1187.035	360.533	355.193	355.529	354.857	L(9)
L	34	1234.730	322.576	317.489	317.825	317.153	L(8)
R	35	1276.763	285.144	279.804	280.140	279.468	R(7)
K	36	1319.462	233.110	227.770	228.106	227.434	K(6)
G	37	1338.469	190.412	185.072	185.408	184.736	G(5)
N	38	1376.483	171.404	166.065	166.401	165.729	N(4)
V	39	1430.838	133.390	128.051	128.386	127.715	V(3)
S	40	1459.846	99.136	93.796	94.132	93.460	S(2)
E	41	1502.863	50.025	44.685	45.021	44.349	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=103.60
- ▶ F104939.dat
- ▶ query=q2813_p1
- ▶ precursor=902.315370
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	27.622	1127.645	1123.640	0.795	1123.888	S[41]
G[2]	41.277	1105.887	1101.882	0.795	1101.630	G[40]
R[3]	90.814	1091.631	1087.627	1.087.879	1087.375	R[39]
C[4]	105.070	1042.094	1038.090	1.038.342	1037.838	C[38]
K[5]	137.993	1027.839	1023.834	1.024.086	1023.582	K[37]
Q[6]	169.108	995.815	991.811	992.062	991.559	Q[36]
G[7]	183.363	963.801	959.796	960.048	959.544	G[35]
G[8]	197.619	949.545	945.541	945.792	945.289	G[34]
K[9]	229.643	935.290	931.285	931.537	931.033	K[33]
A[10]	247.402	903.266	899.261	899.513	899.009	A[32]
R[11]	288.427	889.009	885.004	885.256	884.752	R[31]
A[12]	304.186	848.481	844.477	844.729	844.225	A[30]
K[13]	336.210	828.722	824.718	824.970	824.466	K[29]
A[14]	353.969	798.699	794.694	794.946	794.442	A[28]
K[15]	385.993	778.939	774.935	775.187	774.683	K[27]
T[16]	411.255	746.915	742.911	743.163	742.659	T[26]
K[17]	450.280	724.654	720.649	720.901	720.397	K[25]
S[18]	472.038	682.628	678.624	678.876	678.372	S[24]
S[19]	493.796	650.870	646.866	647.118	646.614	S[23]
R[20]	532.822	639.112	635.108	635.360	634.856	R[22]
A[21]	590.581	600.087	596.082	596.334	595.830	A[21]
G[22]	564.836	582.320	578.315	578.575	578.071	G[20]
L[23]	593.107	568.072	564.068	564.320	563.816	L[19]
Q[24]	625.122	539.867	535.862	536.109	535.545	Q[18]
F[25]	661.889	507.797	503.792	504.034	503.530	F[17]
P[26]	688.152	471.020	467.015	467.267	466.763	P[16]
V[27]	710.918	448.756	444.752	445.004	444.500	V[15]
G[28]	725.175	421.969	417.985	418.237	417.733	G[14]
R[29]	764.200	407.734	403.729	403.981	403.477	R[13]
V[30]	788.967	388.700	384.704	384.956	384.452	V[12]
I[31]	823.232	343.942	339.937	340.189	339.685	I[11]
R[32]	862.257	329.677	325.672	325.924	325.420	R[10]
L[33]	890.528	270.652	266.647	266.899	266.395	L[9]
L[34]	918.799	247.381	243.376	243.628	243.124	L[8]
R[35]	957.824	214.110	210.105	210.357	209.853	R[7]
K[36]	989.848	175.084	171.080	171.332	170.828	K[6]
C[37]	1004.103	143.061	139.056	139.308	138.804	C[5]
N[38]	1032.614	128.800	124.800	125.052	124.548	N[4]
V[39]	1073.180	100.294	96.290	96.542	96.038	V[3]
S[40]	1096.138	89.529	85.524	85.776	85.272	S[2]
E[41]	1127.399	87.771	83.766	84.018	83.514	E[1]



sp | P68433 | H31_MOUSE

IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.32
- ▶ F104940.dat
- ▶ query=q279_p1
- ▶ precursor=476.242020
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	624.271	508.253	509.261	507.245	F 4
K 6	734.420	377.203	361.184	362.192	360.177	K 3
T 7	835.467	235.062	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

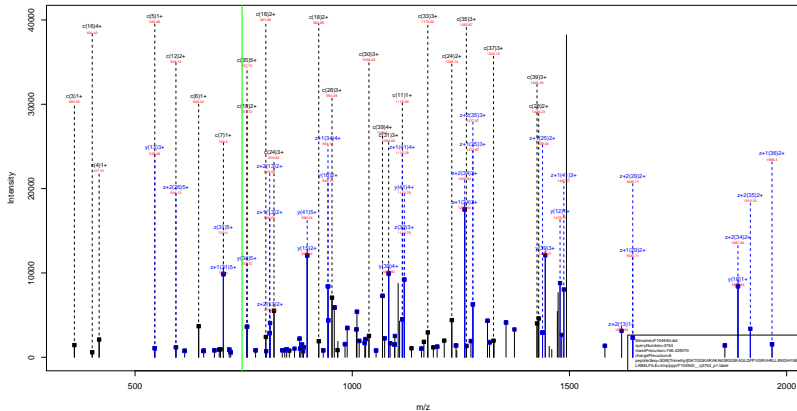
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.92
- ▶ F104940.dat
- ▶ query=q280_p1
- ▶ precursor=476.242790
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
K 6	734.420	377.203	361.184	362.192	360.177	K 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P27661 | H2AX_MOUSE

SGR^{Trimethyl}_{42.05} GKTGGKARAKAKSRSSRAGLQFPVGRVHLLRKGHYAE



sp | P27661 | H2AX_MOUSE

SGR^{Trimethyl}_{42.05} GKTGGKARAKAKSRSSRAGLQFPVGRVHLLRKGYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.83
- ▶ F104940.dat
- ▶ query=q3754_p1
- ▶ precursor=746.429070
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	105.068	4473.952	4457.533	0.000	4456.929	S 41
G 2	162.087	4388.519	4370.501	0.000	4369.493	G 40
R 3	360.235	4329.408	4313.479	4314.487	4312.477	R 39
G 4	417.257	4131.350	4115.331	4116.339	4114.323	G 38
K 5	545.352	4074.326	4058.310	4059.318	4057.302	K 37
T 6	648.399	3946.234	3930.215	3931.223	3929.207	T 36
G 7	703.421	3845.185	3829.165	3830.175	3828.159	G 35
G 8	760.442	3788.164	3772.146	3773.153	3771.138	G 34
K 9	888.537	3731.143	3715.124	3716.132	3714.116	K 33
A 10	959.574	3603.048	3587.029	3588.037	3586.021	A 32
R 11	1115.676	3532.011	3515.992	3517.000	3514.984	R 31
A 12	1188.713	3375.911	3359.891	3360.899	3358.883	A 30
R 13	1314.838	3304.873	3288.854	3289.862	3287.846	R 29
A 14	1385.845	3176.778	3160.759	3161.767	3159.751	A 28
K 15	1513.940	3105.741	3089.722	3090.730	3088.714	K 27
S 16	1600.972	2977.646	2961.627	2962.635	2960.619	S 26
R 17	1757.073	2890.614	2874.595	2875.603	2873.587	R 25
S 18	1844.108	2744.513	2728.494	2729.502	2727.486	S 24
S 19	1931.137	2647.480	2631.461	2632.470	2630.454	S 23
R 20	2087.238	2560.448	2544.430	2545.437	2543.421	R 22
A 21	2158.275	2404.347	2388.329	2389.336	2387.321	A 21
G 22	2215.297	2333.310	2317.291	2318.299	2316.284	G 20
L 23	2328.381	2278.280	2262.260	2263.270	2261.254	L 19
Q 24	2456.439	2163.259	2147.240	2148.248	2146.232	Q 19
F 25	2603.508	2035.146	2019.127	2020.135	2018.120	F 17
P 26	2700.560	1888.078	1872.059	1873.067	1871.051	P 16
V 27	2709.629	1791.025	1775.006	1776.014	1773.998	V 15
G 28	2856.650	1691.956	1675.938	1676.946	1674.930	G 14
R 29	2832.751	1534.878	1518.858	1619.824	1517.842	R 13
V 30	3111.820	1478.834	1462.814	1463.822	1461.807	V 12
H 31	3248.879	1319.765	1303.747	1304.755	1302.739	H 11
R 32	3404.980	1242.707	1226.688	1227.696	1225.680	R 10
L 33	3518.064	1086.605	1070.587	1071.595	1069.579	L 9
L 34	3631.148	973.521	957.503	958.510	956.495	L 8
R 35	3787.249	860.431	844.419	845.426	843.411	R 7
K 36	3915.344	704.335	688.319	689.325	687.310	K 6
G 37	3972.366	576.241	560.221	561.230	559.215	G 5
H 38	4109.424	519.220	503.200	504.209	502.193	H 4
V 39	4272.488	382.161	366.143	367.150	365.134	V 3
A 40	4343.525	219.086	203.070	204.087	202.071	A 2
E 41	4472.587	148.060	132.043	133.050	131.034	E 1

sp | P27661 | H2AX_MOUSE

SGR^{Trimethyl}_{42.05} GKTGGKARAKAKSRSSRAGLQFPVGRVHLLRKGHYAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.83
- ▶ F104940.dat
- ▶ query=q3754_p1
- ▶ precursor=746.429070
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	53.037	2337.279	2229.270	0.504	2228.766	S 41
G 2	61.547	2193.763	2185.754	0.504	2185.250	G 40
R 3	180.621	2105.953	2157.243	2157.747	2156.739	R 39
G 4	209.132	2096.179	2058.169	2058.673	2057.665	G 38
K 5	273.180	2037.668	2009.659	2009.162	2009.155	K 37
T 6	323.903	1973.620	1965.611	1966.115	1966.107	T 36
G 7	352.214	1923.997	1915.988	1915.591	1914.582	G 35
G 8	380.725	1894.586	1886.576	1887.080	1886.073	G 34
K 9	444.172	1866.075	1858.066	1858.570	1857.562	K 33
A 10	480.291	1802.028	1794.018	1794.522	1793.514	A 32
R 11	521.343	1756.509	1738.500	1739.004	1737.996	R 31
A 12	591.860	1698.459	1689.449	1689.953	1689.945	A 30
R 13	657.507	1652.940	1644.931	1645.435	1644.427	R 29
A 14	693.426	1588.892	1580.883	1581.387	1580.379	A 28
K 15	757.474	1503.374	1545.365	1545.868	1544.861	K 27
S 16	800.990	1489.326	1481.317	1481.821	1480.813	S 26
R 17	879.040	1445.810	1437.801	1438.305	1437.297	R 25
S 18	922.550	1397.760	1389.750	1389.754	1389.744	S 24
S 19	966.072	1324.244	1316.234	1316.738	1315.731	S 23
R 20	1044.123	1280.728	1272.718	1273.222	1272.215	R 22
A 21	1079.641	1202.677	1194.668	1195.172	1194.164	A 21
G 22	1108.152	1167.159	1159.149	1159.653	1158.645	G 20
L 23	1164.694	1126.648	1118.639	1117.643	1116.151	L 19
G 24	1228.723	1082.106	1074.097	1074.601	1073.593	G 19
F 25	1402.257	1018.077	1010.067	1010.571	1009.563	F 17
P 26	1350.784	944.542	938.533	937.037	936.029	P 16
V 27	1400.318	896.016	888.007	888.511	887.503	V 15
G 28	1428.829	846.482	838.473	838.976	837.969	G 14
R 29	1500.879	817.974	809.962	810.466	809.458	R 13
V 30	1586.414	739.923	733.913	732.415	731.407	V 12
H 31	1624.943	690.385	682.377	682.881	681.873	H 11
R 32	1702.994	611.857	613.848	614.351	613.344	R 10
L 33	1759.536	543.808	535.797	536.301	535.293	L 9
L 34	1816.078	487.264	479.255	479.759	478.751	L 8
R 35	1894.228	436.722	427.713	423.217	422.209	R 7
K 36	1958.176	352.672	344.662	345.166	344.158	K 6
G 37	1986.686	288.624	280.615	281.119	280.111	G 5
H 38	2065.216	260.114	252.104	252.608	251.600	H 4
V 39	2136.748	191.984	183.975	184.079	183.071	V 3
A 40	2172.266	110.052	102.043	102.547	101.539	A 2
E 41	2236.787	74.534	66.524	67.028	66.021	E 1

sp | P27661 | H2AX_MOUSE

SGR^{Trimethyl}_{42.05} GKTGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=61.83
- ▶ F104940.dat
- ▶ query=q3754_p1
- ▶ precursor=746.429070
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	35.693	1491.833	1486.516	0.872	1488.187	S[41]
G	2	54.702	1462.845	1457.505	0.872	1457.160	G[40]
R	3	130.750	1443.838	1438.498	1438.834	1438.162	R[39]
G	4	139.757	1377.788	1372.449	1372.785	1372.111	G[38]
K	5	182.455	1338.781	1353.441	1353.777	1353.105	K[37]
T	6	216.138	1316.083	1310.743	1311.079	1310.401	T[36]
G	7	255.145	1268.64	1277.061	1277.397	1276.723	G[35]
G	8	254.152	1263.393	1258.053	1258.389	1257.717	G[34]
K	9	296.651	1244.388	1239.046	1239.382	1238.710	K[33]
A	10	320.530	1201.688	1196.348	1196.684	1196.012	A[32]
R	11	372.563	1178.008	1172.669	1173.005	1172.333	R[31]
A	12	389.592	1128.935	1123.595	1123.931	1123.259	A[30]
R	13	438.941	1102.296	1096.956	1097.292	1096.620	R[29]
A	14	482.620	1059.597	1054.258	1054.594	1053.922	A[28]
K	15	509.318	1035.918	1030.579	1030.915	1030.243	K[27]
S	16	534.320	993.220	987.880	988.216	987.545	S[26]
R	17	586.362	984.200	958.870	959.206	958.534	R[25]
S	18	618.378	932.376	926.935	927.271	926.600	S[24]
S	19	644.384	883.165	877.825	878.161	877.489	S[23]
R	20	696.418	854.154	848.815	849.151	848.479	R[22]
A	21	720.097	802.121	796.781	797.117	796.445	A[21]
G	22	739.104	778.442	773.102	773.438	772.766	G[20]
L	23	776.798	759.434	754.092	754.428	753.756	L[19]
Q	24	819.485	721.740	716.400	716.736	716.064	Q[18]
F	25	868.507	679.054	673.714	674.050	673.378	F[17]
F	26	900.858	630.031	624.691	625.027	624.355	F[16]
V	27	933.881	597.680	592.340	592.676	592.004	V[15]
G	28	952.888	556.051	550.711	551.047	550.375	G[14]
R	29	1004.929	545.650	540.310	540.646	539.974	R[13]
V	30	1037.945	491.616	486.277	486.613	485.941	V[12]
H	31	1083.631	460.593	455.254	455.590	454.918	H[11]
R	32	1135.665	414.907	409.567	409.903	409.231	R[10]
L	33	1173.360	362.872	357.534	357.870	357.198	L[9]
L	34	1211.054	328.178	322.839	323.175	322.503	L[8]
R	35	1263.088	287.484	282.144	282.480	281.808	R[7]
K	36	1305.788	235.460	230.121	230.447	229.775	K[6]
G	37	1324.793	192.752	187.412	187.748	187.076	G[5]
H	38	1370.480	173.745	168.405	168.741	168.069	H[4]
V	39	1424.834	128.098	122.758	123.094	122.422	V[3]
A	40	1448.513	83.304	77.964	78.300	77.628	A[2]
E	41	1491.527	50.025	44.685	45.021	44.349	E[1]

sp | P27661 | H2AX_MOUSE

SGR^{Trimethyl}_{42.05} GKTGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=61.83
- ▶ F104940.dat
- ▶ query=q3754_p1
- ▶ precursor=746.429070
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	217.022	1119.143	1115.139	0.765	1114.887	S[41]
G	2	41.277	1097.385	1063.361	0.765	1025.120	G[40]
R	3	90.814	1083.130	1079.125	1079.377	1078.871	R[39]
G	4	109.070	1033.593	1029.588	1029.840	1029.336	G[38]
K	5	137.093	1019.139	1015.333	1015.585	1015.081	K[37]
T	6	162.255	997.314	983.309	983.561	983.057	T[36]
G	7	178.811	952.052	958.047	958.299	957.795	G[35]
G	8	190.856	947.797	943.792	944.044	943.540	G[34]
K	9	222.890	933.541	929.537	929.788	929.285	K[33]
A	10	240.649	901.517	897.513	897.765	897.261	A[32]
R	11	279.674	883.758	879.753	880.005	879.502	R[31]
A	12	297.438	844.733	840.728	840.980	840.476	A[30]
K	13	329.457	826.974	822.969	823.221	822.717	K[29]
A	14	347.217	794.950	790.945	791.197	790.693	A[28]
K	15	379.240	777.191	773.186	773.438	772.934	K[27]
S	16	400.998	745.167	741.162	741.414	740.910	S[26]
R	17	440.224	723.409	719.404	719.656	719.152	R[25]
S	18	483.782	694.384	690.379	690.631	690.127	S[24]
S	19	483.540	662.626	658.621	658.873	658.369	S[23]
R	20	522.595	640.868	636.863	637.115	636.611	R[22]
A	21	540.324	601.842	597.837	598.090	597.586	A[21]
C	22	554.580	584.087	580.078	580.330	579.826	C[20]
L	23	572.883	609.826	605.823	606.075	605.571	L[19]
Q	24	614.865	543.557	537.552	537.804	537.300	Q[18]
F	25	651.632	500.542	506.537	505.789	505.285	F[17]
F	26	678.996	472.775	468.770	469.022	468.518	F[16]
V	27	700.663	448.512	444.507	444.759	444.255	V[15]
C	28	724.018	422.745	419.740	419.992	419.488	C[14]
R	29	753.943	409.809	405.805	406.739	405.231	R[13]
V	30	778.710	370.464	366.459	366.711	366.207	V[12]
H	31	812.975	345.697	341.692	341.944	341.440	H[11]
R	32	852.000	311.432	307.427	307.679	307.175	R[10]
L	33	880.271	272.407	268.402	268.654	268.150	L[9]
L	34	885.947	244.178	240.173	240.893	239.870	L[8]
R	35	947.598	215.885	211.880	212.112	211.605	R[7]
K	36	979.591	176.840	172.835	173.087	172.583	K[6]
G	37	993.647	144.816	140.811	141.063	140.559	G[5]
H	38	1028.112	130.560	126.556	126.808	126.304	H[4]
V	39	1068.877	96.296	92.291	92.543	92.039	V[3]
A	40	1086.637	58.130	54.125	54.377	53.873	A[2]
E	41	1118.897	37.771	33.766	34.018	33.514	E[1]

sp | P27661 | H2AX_MOUSE

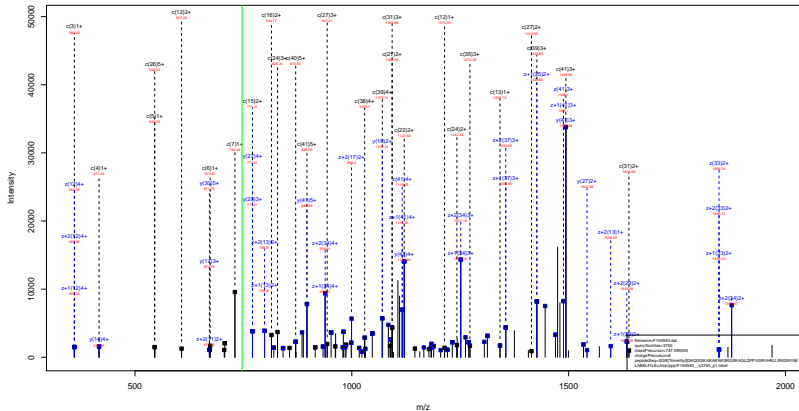
SGR^{Trimethyl}_{42.05} GKTGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=61.83
- ▶ F104940.dat
- ▶ query=q3754_p1
- ▶ precursor=746.429070
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA
S[1]	21.819	895.516	892.312	0.806	892.111	S[41]
G[2]	33.223	878.110	874.906	0.806	874.704	G[40]
R[3]	72.853	866.705	863.502	863.703	863.300	R[39]
G[4]	84.257	827.076	823.872	824.074	823.671	G[38]
K[5]	109.876	815.672	812.468	812.669	812.266	K[37]
T[6]	130.086	790.053	786.849	787.050	786.647	T[36]
G[7]	141.490	769.843	766.639	766.841	766.438	G[35]
G[8]	152.894	758.439	755.235	755.437	755.033	G[34]
K[9]	178.513	747.038	743.833	744.032	743.629	K[33]
A[10]	192.721	721.415	718.212	718.413	718.010	A[32]
R[11]	223.941	707.206	704.004	704.206	703.803	R[31]
A[12]	238.148	675.988	672.784	672.986	672.582	A[30]
K[13]	263.767	661.780	658.577	658.778	658.375	K[29]
A[14]	277.975	636.161	632.958	633.159	632.756	A[28]
K[15]	303.594	621.954	618.750	618.952	618.549	K[27]
S[16]	321.000	596.335	593.131	593.333	592.930	S[26]
R[17]	352.220	578.929	575.725	575.926	575.523	R[25]
S[18]	389.627	547.708	544.503	544.706	544.303	S[24]
S[19]	397.033	530.302	527.098	527.299	526.897	S[23]
R[20]	418.253	512.895	509.692	509.893	509.490	R[22]
A[21]	432.461	481.675	478.472	478.673	478.270	A[21]
G[22]	443.865	467.468	464.264	464.466	464.063	G[20]
L[23]	466.482	456.064	452.860	453.061	452.658	L[19]
Q[24]	492.094	433.447	430.243	430.445	430.041	Q[18]
F[25]	521.507	407.835	404.631	404.833	404.430	F[17]
P[26]	540.618	378.421	375.218	375.419	375.016	P[16]
V[27]	560.732	359.011	355.807	356.009	355.605	V[15]
G[28]	572.136	339.191	335.987	336.189	335.782	G[14]
R[29]	603.356	327.793	324.589	324.791	324.388	R[13]
V[30]	623.170	296.573	293.369	293.570	293.167	V[12]
H[31]	650.582	276.759	273.555	273.757	273.354	H[11]
R[32]	681.802	249.347	246.143	246.345	245.942	R[10]
L[33]	704.419	218.127	214.923	215.125	214.722	L[9]
L[34]	727.035	195.510	192.306	192.508	192.105	L[8]
R[35]	758.256	172.893	169.689	169.891	169.488	R[7]
K[36]	783.875	141.673	138.469	138.671	138.268	K[6]
G[37]	795.279	116.054	112.850	113.052	112.649	G[5]
H[38]	822.691	104.650	101.446	101.648	101.244	H[4]
V[39]	855.303	77.235	74.034	74.236	73.833	V[3]
A[40]	869.511	44.825	41.622	41.823	41.420	A[2]
E[41]	895.319	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE



sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.69
- ▶ F104940.dat
- ▶ query=q3755_p1
- ▶ precursor=747.095500
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#±1	#±2	z	AA	
S	1	105.960	4477.546	4461.531	4.800	4460.525	S[41]
G	2	102.087	4390.514	4374.499	0.000	4373.484	G[40]
R	3	360.235	4333.493	4317.474	4318.482	4318.460	R[39]
G	4	417.257	4135.345	4119.320	4120.334	4118.310	G[38]
K	5	545.352	4078.323	4062.305	4063.313	4061.297	K[37]
G	6	673.410	3950.228	3934.210	3935.218	3933.202	G[36]
G	7	730.432	3922.170	3899.151	3907.159	3895.141	G[35]
G	8	787.453	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.548	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	980.585	3580.032	3564.013	3565.021	3563.005	A[32]
R	11	1142.687	3538.995	3492.976	3493.984	3491.968	R[31]
A	12	1213.724	3382.984	3336.965	3337.973	3335.957	A[30]
K	13	1341.819	3281.857	3265.838	3266.846	3264.830	K[29]
A	14	1442.858	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.951	3022.725	3006.706	3007.714	3005.699	K[27]
S	16	1627.003	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.084	2897.598	2881.579	2882.587	2880.571	R[25]
S	18	1871.116	2713.496	2696.478	2696.486	2694.470	S[24]
S	19	1958.148	2634.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.349	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.388	2381.311	2365.293	2366.300	2364.284	A[21]
G	22	2242.308	2310.294	2294.275	2295.283	2293.267	G[20]
L	23	2355.362	2253.271	2237.254	2238.262	2236.246	L[19]
Q	24	2463.450	2140.185	2124.170	2125.178	2123.162	Q[18]
F	25	2630.519	2012.130	1996.111	1997.119	1995.104	F[17]
F	26	2727.571	1895.062	1849.043	1850.051	1848.035	F[16]
V	27	2826.640	1768.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.661	1698.945	1682.925	1683.933	1681.914	G[14]
K	29	3039.763	1611.919	1595.900	1596.908	1594.890	K[13]
V	30	3138.811	1455.815	1439.799	1440.807	1438.791	V[12]
H	31	3275.890	1358.749	1340.731	1341.739	1339.723	H[11]
R	32	3431.991	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.075	1083.589	1047.571	1048.579	1046.563	L[9]
L	34	3688.150	958.505	934.487	935.495	933.479	L[8]
R	35	3814.262	837.422		822.410	820.392	R[7]
K	36	3942.355	681.320	665.302	666.309	664.294	K[6]
G	37	3999.376	553.225	537.207	538.214	536.199	G[5]
N	38	4113.419	496.204	480.185	481.193	479.177	N[4]
V	39	4276.463	382.161	366.142	367.150	365.134	V[3]
A	40	4387.500	219.096	203.079	204.086	202.070	A[2]
E	41	4476.562	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.69
- ▶ F104940.dat
- ▶ query=q3755_p1
- ▶ precursor=747.095500
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#±1	#±2	z	AA	
S	1	513.037	2239.271	2231.267	0.804	2230.761	S[41]
G	2	81.547	2195.761	2187.751	0.804	2187.240	G[40]
R	3	180.621	2167.250	2159.241	2159.945	2158.737	R[39]
G	4	209.132	2098.176	2090.167	2090.671	2099.663	G[38]
K	5	273.180	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	337.209	1975.618	1967.608	1968.112	1967.105	G[36]
G	7	385.720	1911.589	1903.579	1904.083	1903.075	G[35]
G	8	394.230	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.278	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.796	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.847	1735.001	1726.992	1727.496	1726.488	R[31]
A	12	607.365	1678.961	1669.951	1669.456	1668.449	A[30]
K	13	671.413	1641.433	1633.423	1633.927	1632.919	K[29]
A	14	706.931	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.979	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.495	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	862.546	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	938.602	1359.263	1349.243	1350.746	1349.739	S[24]
S	19	979.578	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.628	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.147	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.657	1135.051	1127.041	1128.545	1127.537	G[20]
L	23	1178.199	1127.140	1119.130	1119.634	1118.627	L[19]
Q	24	1242.229	1070.598	1062.588	1063.093	1062.085	Q[18]
F	25	1315.763	1006.590	998.559	999.063	998.055	F[17]
F	26	1364.289	933.034	925.025	925.529	924.521	F[16]
V	27	1413.824	884.508	876.499	877.003	875.995	V[15]
G	28	1442.134	834.974	826.964	827.468	826.461	G[14]
R	29	1520.305	806.483	798.454	798.958	797.950	R[13]
V	30	1569.819	728.413	720.403	720.907	719.899	V[12]
H	31	1638.448	678.878	670.868	671.373	670.365	H[11]
R	32	1716.499	610.349	602.340	602.843	601.835	R[10]
L	33	1773.041	532.269	524.260	524.763	523.755	L[9]
L	34	1839.583	478.756	469.747	469.251	468.243	L[8]
R	35	1907.634	419.234	411.225	411.729	410.721	R[7]
K	36	1971.681	341.164	333.154	333.658	332.650	K[6]
G	37	2000.192	277.116	269.107	269.611	268.603	G[5]
M	38	2057.213	248.606	240.596	241.100	240.092	M[4]
V	39	2136.745	181.564	183.575	184.079	183.071	V[3]
A	40	2114.264	110.024	102.013	102.517	101.509	A[2]
E	41	2238.785	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.69
- ▶ F104940.dat
- ▶ query=q3755_p1
- ▶ precursor=747.095500
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	#s1	#s2	#s	AA
S	1	35.693	1493.187	1487.847	0.872	1487.511	S(4)
G	2	54.702	1486.175	1458.837	0.872	1458.501	G(4)
R	3	130.750	1445.169	1439.830	1440.866	1439.494	R(3)
G	4	139.757	1379.120	1373.780	1374.816	1373.444	G(3)
K	5	182.455	1360.113	1354.773	1355.109	1354.437	K(3)
G	6	225.142	1317.414	1312.075	1312.411	1311.779	G(3)
G	7	284.189	1274.725	1269.389	1269.725	1269.053	G(3)
G	8	283.156	1255.721	1250.381	1250.717	1250.045	G(3)
K	9	305.654	1236.714	1231.374	1231.710	1231.038	K(3)
A	10	329.513	1194.016	1188.676	1189.012	1188.340	A(3)
R	11	381.567	1170.336	1154.907	1165.333	1164.661	R(3)
A	12	485.266	1118.303	1113.903	1113.906	1113.909	A(3)
R	13	447.944	1094.624	1089.284	1089.620	1088.948	R(3)
A	14	471.623	1051.925	1046.586	1046.922	1046.550	A(3)
K	15	514.322	1028.246	1022.907	1023.243	1022.571	K(3)
S	16	543.312	985.548	980.208	980.544	979.873	S(3)
R	17	585.266	956.537	951.138	951.534	950.862	R(3)
S	18	624.319	904.504	899.104	899.108	899.520	S(3)
S	19	653.357	875.493	870.153	870.489	869.817	S(3)
R	20	705.421	846.483	841.143	841.479	840.807	R(3)
A	21	729.100	794.449	789.109	789.445	788.773	A(3)
G	22	748.107	770.770	765.430	765.766	765.094	G(3)
L	23	785.882	742.762	740.423	740.759	740.087	L(3)
G	24	828.488	714.685	709.235	709.564	708.922	G(3)
F	25	877.511	671.382	666.042	666.378	665.706	F(3)
F	26	909.982	622.359	617.019	617.355	616.683	F(3)
V	27	942.885	590.006	584.668	585.004	584.332	V(3)
G	28	961.892	558.985	553.645	553.981	553.309	G(3)
R	29	1013.926	519.976	514.636	514.974	514.302	R(3)
V	30	1046.948	485.944	480.605	480.941	480.269	V(3)
H	31	1092.635	453.921	447.582	447.918	447.246	H(3)
R	32	1144.668	407.235	401.895	402.231	401.560	R(3)
L	33	1182.363	355.201	349.862	350.198	349.526	L(3)
L	34	1220.658	312.509	307.169	307.505	306.833	L(3)
R	35	1272.092	279.812	274.472	274.808	274.136	R(3)
K	36	1314.790	227.778	222.439	222.775	222.103	K(3)
G	37	1331.797	185.880	179.740	180.076	179.404	G(3)
N	38	1371.811	146.873	140.733	141.069	140.397	N(3)
V	39	1426.166	108.998	102.719	103.055	102.383	V(3)
A	40	1443.945	73.304	68.384	68.720	68.048	A(3)
E	41	1492.859	30.025	44.635	45.021	44.349	E(3)

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.69
- ▶ F104940.dat
- ▶ query=q3755_p1
- ▶ precursor=747.095500
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#=1	#=2	#=3	#=4	AA
S[1]	212.022	1120.142	1116.137	0.755	1115.885		S[41]
G[2]	41.277	1026.384	1024.378	0.755	1024.127		G[40]
R[3]	90.814	1084.129	1080.124	1080.376	1079.872		R[39]
G[4]	109.070	1034.592	1030.587	1030.839	1030.335		G[38]
K[5]	137.093	1020.339	1016.332	1016.584	1016.080		K[37]
G[6]	169.109	998.312	994.308	994.260	994.056		G[36]
G[7]	183.983	956.296	953.293	952.945	952.041		G[35]
G[8]	197.816	942.043	938.038	938.290	937.795		G[34]
K[9]	229.643	927.787	923.783	924.034	923.531		K[33]
A[10]	247.402	895.763	891.759	892.011	891.507		A[32]
R[11]	286.427	878.004	873.999	874.251	873.748		R[31]
A[12]	304.186	838.979	834.974	835.226	834.722		A[30]
K[13]	336.210	821.220	817.215	817.467	816.963		K[29]
A[14]	353.969	789.199	785.195	785.443	784.939		A[28]
K[15]	389.993	771.437	767.432	767.684	767.180		K[27]
S[16]	407.751	739.413	735.408	735.660	735.156		S[26]
R[17]	446.776	717.955	713.950	714.202	713.698		R[25]
S[18]	468.534	678.930	674.925	674.977	674.373		S[24]
S[19]	490.292	656.672	652.667	653.119	652.615		S[23]
R[20]	529.318	635.114	631.109	631.361	630.857		R[22]
A[21]	547.077	596.089	592.084	592.336	591.832		A[21]
G[22]	561.332	578.329	574.324	574.576	574.072		G[20]
L[23]	589.083	648.074	644.069	644.321	643.817		L[19]
Q[24]	621.818	535.803	531.798	532.050	531.546		Q[18]
F[25]	658.305	503.789	499.783	500.035	499.531		F[17]
F[26]	682.646	467.021	463.016	463.268	462.764		F[16]
V[27]	707.415	442.750	438.743	439.005	438.501		V[15]
G[28]	721.671	417.991	413.985	414.238	413.734		G[14]
R[29]	760.696	403.736	399.731	399.983	399.479		R[13]
V[30]	785.463	364.710	360.705	360.957	360.453		V[12]
H[31]	819.728	339.643	335.638	335.890	335.636		H[11]
R[32]	858.753	305.678	301.673	301.925	301.421		R[10]
L[33]	887.024	266.653	262.648	262.900	262.396		L[9]
L[34]	915.295	238.362	234.357	234.609	234.105		L[8]
R[35]	954.320	210.111	206.106	206.358	205.854		R[7]
K[36]	986.344	171.086	167.081	167.333	166.829		K[6]
G[37]	1000.600	139.064	135.059	135.309	134.805		G[5]
N[38]	1029.110	124.806	120.802	121.054	120.550		N[4]
V[39]	1069.876	96.296	92.291	92.543	92.039		V[3]
A[40]	1087.635	58.530	54.525	54.777	54.273		A[2]
E[41]	1119.896	37.771	33.766	34.018	33.514		E[1]

sp | Q6GSS7 | H2A2A_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNAYE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=48.69
- ▶ F104940.dat
- ▶ query=q3755_p1
- ▶ precursor=747.095500
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	21.819	896.315	893.111	0.806	892.910	S[41]
G[2]	33.223	878.909	875.705	0.806	875.503	G[40]
R[3]	72.853	867.504	864.301	864.502	864.099	R[39]
G[4]	84.257	827.875	824.671	824.873	824.469	G[38]
K[5]	109.876	816.471	813.267	813.468	813.065	K[37]
G[6]	135.488	790.823	787.620	787.820	787.416	G[36]
G[7]	146.892	765.240	762.036	762.238	761.834	G[35]
G[8]	158.296	753.836	750.632	750.833	750.430	G[34]
K[9]	183.915	742.431	739.227	739.429	739.026	K[33]
A[10]	198.123	716.812	713.608	713.810	713.407	A[32]
R[11]	229.343	702.606	699.401	699.603	699.199	R[31]
A[12]	243.951	671.385	668.181	668.382	667.979	A[30]
K[13]	269.170	657.177	653.973	654.175	653.772	K[29]
A[14]	283.377	631.558	628.354	628.556	628.153	A[28]
K[15]	308.996	617.351	614.147	614.349	613.945	K[27]
S[16]	326.402	591.732	588.528	588.730	588.326	S[26]
R[17]	357.623	574.325	571.122	571.323	570.920	R[25]
S[18]	378.059	545.108	542.901	543.103	542.700	S[24]
S[19]	392.435	525.699	522.493	522.697	522.293	S[23]
R[20]	423.656	508.292	505.089	505.290	504.887	R[22]
A[21]	437.863	477.072	473.868	474.070	473.667	A[21]
G[22]	449.267	462.865	459.661	459.862	459.459	G[20]
L[23]	471.884	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.496	428.844	425.640	425.841	425.438	Q[18]
F[25]	526.910	403.232	400.028	400.230	399.827	F[17]
P[26]	546.320	373.810	370.614	370.816	370.413	P[16]
V[27]	566.134	354.408	351.204	351.405	351.002	V[15]
G[28]	577.538	334.594	331.390	331.592	331.189	G[14]
R[29]	608.758	323.190	319.986	320.187	319.784	R[13]
V[30]	628.572	291.969	288.766	288.967	288.564	V[12]
L[31]	635.384	272.158	268.952	269.154	268.750	L[11]
R[32]	687.394	244.744	241.540	241.742	241.339	R[10]
L[33]	709.621	213.524	210.320	210.522	210.118	L[9]
L[34]	732.438	190.907	187.703	187.905	187.502	L[8]
R[35]	763.658	168.290	165.086	165.288	164.885	R[7]
K[36]	789.277	137.070	133.866	134.068	133.665	K[6]
G[37]	800.681	111.451	108.247	108.449	108.046	G[5]
N[38]	823.490	100.047	96.843	97.044	96.641	N[4]
Y[39]	856.102	77.238	74.034	74.236	73.833	Y[3]
A[40]	870.310	44.625	41.422	41.623	41.220	A[2]
E[41]	896.118	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.10
- ▶ F104940.dat
- ▶ query=q3759_p1
- ▶ precursor=752.095880
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	105.066	4507.557	4491.538	0.000	4400.530	S 41
G 2	162.087	4420.525	4404.500	0.000	4403.498	G 40
R 3	360.235	4303.504	4347.483	4348.493	4346.477	R 39
C 4	417.257	4185.555	4148.337	4150.345	4148.329	C 38
K 5	545.352	4108.334	4092.315	4093.323	4091.307	K 37
Q 6	673.410	3980.239	3954.230	3955.228	3953.212	Q 36
G 7	730.432	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.453	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.548	3738.139	3722.119	3723.127	3721.111	K 33
A 10	985.585	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.658	3539.055	3522.988	3523.995	3521.979	R 31
A 12	1213.724	3382.004	3366.880	3367.893	3365.875	A 30
K 13	1341.819	3311.987	3295.848	3296.856	3294.841	K 29
A 14	1412.856	3183.972	3167.954	3168.961	3166.946	A 28
K 15	1540.951	3112.935	3096.910	3097.924	3095.909	K 27
T 16	1641.998	2984.940	2968.921	2969.929	2967.914	T 26
R 17	1798.059	2883.922	2867.911	2868.920	2866.905	R 25
S 18	1885.113	2727.893	2711.873	2712.880	2710.865	S 24
S 19	1972.163	2648.859	2624.841	2625.848	2623.833	S 23
R 20	2128.265	2563.827	2539.809	2538.816	2536.801	R 22
A 21	2199.302	2397.826	2381.807	2382.815	2380.800	A 21
G 22	2256.323	2326.789	2310.770	2311.778	2309.763	G 20
L 23	2360.407	2269.768	2253.749	2254.757	2252.741	L 19
Q 24	2407.466	2156.784	2140.765	2141.774	2139.757	Q 18
F 25	2644.534	2028.725	2012.707	2013.714	2011.698	F 17
P 26	2741.587	1881.657	1865.638	1866.646	1864.630	P 16
V 27	2840.655	1784.604	1768.585	1769.593	1767.577	V 15
G 28	2897.677	1684.635	1668.617	1669.624	1667.609	G 14
R 29	3053.778	1627.614	1611.595	1612.903	1610.887	R 13
V 30	3152.846	1471.613	1455.794	1456.802	1454.786	V 12
I 31	3269.895	1372.744	1356.726	1357.734	1355.718	I 11
R 32	3446.006	1235.685	1219.666	1220.675	1218.659	R 10
L 33	3550.090	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.175	966.500	950.482	951.489	949.474	L 8
R 35	3828.276	853.416	837.398	838.405	836.390	R 7
K 36	3956.371	697.315	681.296	682.304	680.289	K 6
C 37	4013.362	569.220	553.201	554.209	552.194	C 5
N 38	4127.435	512.199	496.180	497.188	495.172	N 4
V 39	4290.498	398.156	382.137	383.145	381.129	V 3
S 40	4377.530	235.062	219.074	220.082	218.066	S 2
E 41	4506.573	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.10
- ▶ F104940.dat
- ▶ query=q3759_p1
- ▶ precursor=752.095880
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	w	#s1	#s2	z	AA	
S	1	513.037	2254.274	2268.273	0.504	2245.767	S(41)
G	2	81.547	2210.766	2203.757	0.504	2202.251	G(40)
R	3	180.621	2182.255	2174.246	2174.750	2173.742	R(39)
G	4	209.132	2083.181	2075.172	2075.676	2074.668	G(38)
K	5	273.180	2054.671	2046.661	2047.165	2046.157	K(37)
G	6	337.209	1990.621	1992.612	1993.116	1992.110	G(36)
G	7	385.730	1936.594	1918.584	1918.088	1919.086	G(35)
G	8	394.230	1898.081	1899.074	1890.578	1889.570	G(34)
K	9	458.278	1869.572	1861.563	1862.067	1861.059	K(33)
A	10	493.796	1805.525	1797.516	1798.019	1797.012	A(32)
R	11	571.847	1730.008	1761.997	1762.501	1761.493	R(31)
A	12	607.365	1692.956	1683.948	1684.452	1683.444	A(30)
R	13	671.413	1656.437	1648.428	1648.932	1647.924	R(29)
A	14	706.931	1592.900	1584.380	1584.884	1583.876	A(28)
K	15	770.979	1556.871	1548.862	1549.366	1548.358	K(27)
T	16	821.503	1492.824	1484.814	1485.318	1484.310	T(26)
R	17	899.553	1442.800	1434.201	1434.704	1433.702	R(25)
S	18	913.099	1384.249	1395.240	1356.744	1355.738	S(24)
S	19	986.585	1330.733	1312.724	1313.228	1312.220	S(23)
R	20	1064.636	1277.217	1268.208	1269.712	1268.704	R(22)
A	21	1100.155	1199.167	1191.157	1191.661	1190.653	A(21)
G	22	1128.665	1153.648	1155.639	1156.143	1155.135	G(20)
L	23	1185.207	1138.337	1127.328	1127.832	1126.824	L(19)
Q	24	1249.237	1078.595	1070.586	1071.090	1070.082	Q(18)
F	25	1322.771	1014.568	1006.557	1007.061	1006.053	F(17)
P	26	1371.297	941.053	933.023	933.526	932.519	P(16)
V	27	1420.811	892.506	884.496	885.000	883.992	V(15)
G	28	1449.342	842.971	834.962	835.466	834.458	G(14)
R	29	1507.883	814.461	806.451	806.955	805.947	R(13)
V	30	1576.927	736.410	728.401	728.905	727.897	V(12)
H	31	1645.456	688.876	678.868	679.372	678.363	H(11)
R	32	1723.507	618.346	610.337	610.841	609.833	R(10)
L	33	1780.049	540.206	532.196	532.700	531.703	L(9)
L	34	1838.593	483.754	475.743	476.248	475.241	L(8)
R	35	1914.641	427.212	419.202	419.706	418.698	R(7)
K	36	1978.689	349.161	341.152	341.656	340.648	K(6)
G	37	2067.200	285.114	277.104	277.608	276.600	G(5)
N	38	2094.221	256.603	248.594	249.098	248.090	N(4)
V	39	2145.753	199.562	191.552	192.056	191.066	V(3)
S	40	2189.266	118.056	110.041	110.544	109.537	S(2)
E	41	2253.790	74.534	66.524	67.028	66.021	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.10
- ▶ F104940.dat
- ▶ query=q3759_p1
- ▶ precursor=752.095880
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	35.603	1502.141	1467.851	0.672	1467.511	S[41]
G	2	54.702	1474.180	1468.840	0.672	1468.504	G[40]
R	3	130.750	1455.173	1449.833	1450.169	1449.497	R[39]
G	4	139.757	1389.123	1383.784	1384.120	1383.448	G[38]
K	5	182.455	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.144	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	264.189	1294.785	1278.392	1278.728	1278.066	G[35]
G	8	263.156	1265.725	1260.385	1260.721	1260.040	G[34]
K	9	305.654	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.513	1204.019	1198.019	1199.015	1198.344	A[32]
R	11	381.567	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	405.266	1128.306	1125.007	1121.007	1122.003	A[30]
R	13	447.944	1104.627	1099.288	1099.624	1098.952	R[29]
A	14	491.623	1081.929	1056.589	1056.925	1056.251	A[28]
K	15	514.322	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	548.024	995.552	990.212	990.548	989.876	T[26]
R	17	600.026	981.869	956.529	956.865	956.193	R[25]
S	18	629.669	959.835	954.485	954.835	954.160	S[24]
S	19	658.059	938.025	875.485	875.821	875.149	S[23]
R	20	710.093	951.614	846.474	846.810	846.136	R[22]
A	21	733.772	799.780	794.441	794.777	794.101	A[21]
G	22	762.779	776.101	770.762	771.098	770.426	G[20]
L	23	790.474	759.094	751.754	752.090	751.416	L[19]
Q	24	833.160	733.366	724.000	724.366	723.722	Q[18]
F	25	882.183	676.713	671.374	671.710	671.038	F[17]
F	26	914.534	627.600	622.351	622.687	622.015	F[16]
V	27	947.557	595.139	590.000	590.336	589.664	V[15]
G	28	966.564	562.317	556.077	557.413	556.741	G[14]
R	29	1015.855	543.309	537.910	538.308	537.636	R[13]
V	30	1051.620	491.276	485.036	486.272	485.600	V[12]
H	31	1097.307	458.253	452.013	453.249	452.577	H[11]
R	32	1149.340	412.967	407.227	407.563	406.891	R[10]
L	33	1167.015	360.533	355.193	355.529	354.857	L[9]
L	34	1224.730	322.576	317.489	317.826	317.154	L[8]
R	35	1276.763	285.144	279.804	280.140	279.468	R[7]
K	36	1319.462	233.110	227.770	228.106	227.434	K[6]
G	37	1338.469	190.412	185.072	185.408	184.736	G[5]
N	38	1376.483	171.404	166.065	166.401	165.729	N[4]
V	39	1430.838	133.390	128.051	128.386	127.715	V[3]
S	40	1459.846	99.136	93.696	94.032	93.360	S[2]
E	41	1502.863	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.10
- ▶ F104940.dat
- ▶ query=q3759_p1
- ▶ precursor=752.095880
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	27.022	1127.645	1123.640	0.755	1123.380	S[41]
G	2	41.277	1105.007	1101.882	0.755	1101.630	G[40]
R	3	90.814	1091.631	1087.827	1.087.819	1087.375	R[30]
G	4	105.070	1042.094	1038.090	1038.342	1037.838	G[38]
K	5	137.093	1027.839	1023.834	1024.086	1023.582	K[37]
Q	6	189.308	995.815	991.811	992.062	991.559	Q[30]
G	7	253.263	963.882	959.796	960.048	959.542	G[32]
G	8	397.819	949.545	945.541	945.792	945.289	G[34]
K	9	229.643	935.200	931.205	931.537	931.031	K[33]
A	10	247.402	903.266	899.261	899.513	899.009	A[32]
R	11	286.427	889.207	881.502	881.754	881.250	R[31]
A	12	304.388	846.482	842.477	842.729	842.225	A[30]
R	13	336.210	828.722	824.718	824.970	824.466	R[29]
A	14	353.969	798.699	792.694	792.946	792.442	A[28]
K	15	385.993	778.939	774.935	775.187	774.683	K[27]
T	16	411.255	746.915	742.911	743.163	742.659	T[26]
R	17	450.280	721.864	717.859	717.901	717.397	R[25]
S	18	472.938	682.826	678.824	678.876	678.372	S[24]
S	19	493.796	660.870	656.866	657.118	656.614	S[23]
R	20	532.822	639.112	635.108	635.360	634.856	R[22]
A	21	550.501	600.089	596.082	596.334	595.830	A[21]
G	22	564.836	582.320	578.323	578.575	578.071	G[20]
L	23	593.107	568.072	564.068	564.320	563.816	L[19]
Q	24	625.122	539.801	535.797	536.049	535.545	Q[19]
F	25	661.889	507.781	503.782	504.034	503.530	F[17]
P	26	686.152	471.020	467.015	467.267	466.763	P[16]
V	27	710.919	446.750	442.752	443.004	442.500	V[15]
G	28	725.175	421.989	417.985	418.237	417.733	G[14]
R	29	764.200	407.735	403.729	403.981	403.477	R[13]
V	30	788.967	388.759	384.764	384.956	384.452	V[12]
H	31	823.232	343.942	339.937	340.189	339.685	H[11]
R	32	862.257	309.677	305.672	305.924	305.420	R[10]
L	33	890.528	270.652	266.647	266.899	266.395	L[9]
L	34	918.799	242.381	238.376	238.628	238.124	L[8]
R	35	867.824	214.113	210.105	210.357	209.853	R[7]
K	36	909.848	175.084	171.080	171.332	170.828	K[6]
G	37	1004.103	143.061	139.056	139.308	138.804	G[5]
N	38	1032.614	128.805	124.800	125.052	124.548	N[4]
V	39	1073.380	100.294	96.290	96.542	96.038	V[3]
S	40	1095.138	59.529	55.524	55.776	55.272	S[2]
E	41	1127.389	37.771	33.766	34.018	33.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

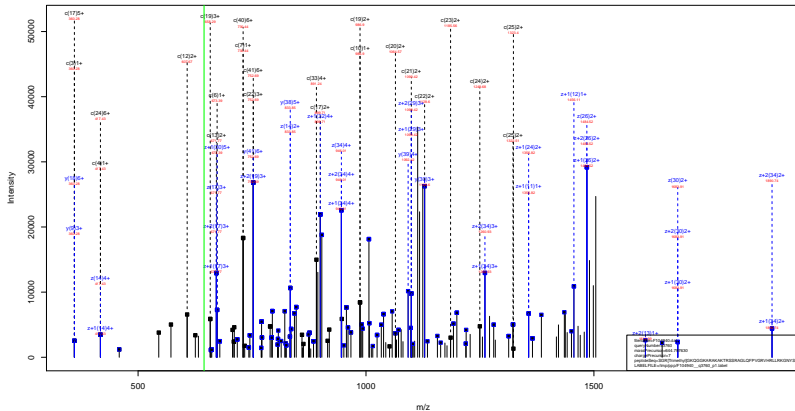
SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=44.10
- ▶ F104940.dat
- ▶ query=q3759_p1
- ▶ precursor=752.095880
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	21.819	902.317	899.113	0.806	898.912	S[41]
G[2]	33.223	884.911	881.707	0.806	881.506	G[40]
R[3]	72.853	873.507	870.303	870.504	870.101	R[39]
G[4]	84.257	833.877	830.673	830.875	830.472	G[38]
K[5]	109.876	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.488	795.854	793.650	793.851	793.448	Q[36]
G[7]	146.892	771.242	768.038	768.240	767.837	G[35]
G[8]	158.296	759.835	756.634	756.835	756.432	G[34]
K[9]	183.915	748.431	745.230	745.431	745.028	K[33]
A[10]	198.123	722.814	719.611	719.812	719.409	A[32]
R[11]	229.343	708.007	705.403	705.605	705.202	R[31]
A[12]	243.551	677.387	674.183	674.385	673.981	A[30]
K[13]	269.170	663.170	659.976	660.177	659.774	K[29]
A[14]	283.377	637.560	634.357	634.558	634.155	A[28]
K[15]	308.996	623.353	620.149	620.351	619.948	K[27]
T[16]	329.205	597.734	594.530	594.732	594.329	T[26]
R[17]	360.426	577.524	574.321	574.522	574.119	R[25]
S[18]	377.832	546.305	543.100	543.302	542.899	S[24]
S[19]	399.239	528.898	525.694	525.896	525.492	S[23]
R[20]	426.459	511.491	508.288	508.489	508.086	R[22]
A[21]	440.666	480.271	477.067	477.269	476.866	A[21]
G[22]	452.070	466.064	462.860	463.061	462.658	G[20]
L[23]	474.687	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.299	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.713	406.431	403.227	403.429	403.026	F[17]
P[26]	549.123	377.017	373.813	374.015	373.612	P[16]
V[27]	568.937	357.607	354.403	354.604	354.201	V[15]
G[28]	589.341	337.793	334.589	334.791	334.388	G[14]
K[29]	611.961	326.389	323.185	323.386	322.983	K[13]
V[30]	631.375	295.165	291.960	292.166	291.763	V[12]
H[31]	658.787	275.355	272.151	272.353	271.949	H[11]
R[32]	690.007	247.943	244.739	244.941	244.538	R[10]
L[33]	712.624	216.723	213.519	213.721	213.317	L[9]
L[34]	735.241	194.106	190.902	191.104	190.701	L[8]
R[35]	766.461	171.489	168.285	168.487	168.084	R[7]
K[36]	792.080	140.269	137.065	137.267	136.864	K[6]
G[37]	803.484	114.650	111.446	111.648	111.245	G[5]
N[38]	828.293	103.245	100.042	100.243	99.840	N[4]
V[39]	858.908	80.431	77.223	77.425	77.022	V[3]
S[40]	876.312	47.824	44.621	44.822	44.419	S[2]
E[41]	902.120	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS



sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.93
- ▶ F104940.dat
- ▶ query=q3760_p1
- ▶ precursor=644.797630
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	106.066	4507.557	4491.538	0.000	4490.530	S 41
G 2	162.087	4420.525	4404.506	0.000	4403.498	G 40
R 3	360.235	4330.504	4347.485	4348.493	4346.477	R 39
G 4	417.257	4105.355	4149.337	4150.345	4148.329	G 38
K 5	545.352	4108.334	4092.315	4093.323	4091.307	K 37
Q 6	673.410	3989.279	3964.259	3965.268	3963.251	Q 36
G 7	730.432	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.453	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.548	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.585	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.058	3538.035	3522.017	3523.025	3521.009	R 31
A 12	1213.724	3382.054	3366.036	3367.043	3365.027	A 30
R 13	1341.819	3311.807	3295.848	3296.856	3294.841	R 29
A 14	1412.859	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.951	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.998	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1798.059	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1885.133	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.183	2640.459	2624.441	2625.448	2623.433	S 23
R 20	2128.205	2533.427	2517.409	2518.416	2516.401	R 22
A 21	2199.300	2397.306	2381.287	2382.295	2380.280	A 21
G 22	2256.323	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2369.407	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2497.468	2158.184	2142.165	2143.173	2141.157	Q 18
F 25	2644.534	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2741.587	1881.057	1865.038	1866.046	1864.031	P 16
V 27	2840.658	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.677	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.778	1627.814	1611.795	1612.803	1610.787	R 13
V 30	3152.848	1471.813	1455.794	1456.802	1454.785	V 12
H 31	3259.905	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3446.008	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.090	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.175	966.500	950.482	951.489	949.474	L 8
R 35	3828.276	853.416	837.398	838.405	836.390	R 7
K 36	3958.311	697.315	681.297	682.304	680.289	K 6
G 37	4013.392	569.220	553.201	554.209	552.194	G 5
N 38	4127.435	512.199	496.180	497.188	495.172	N 4
Y 39	4290.498	398.156	382.137	383.145	381.129	Y 3
S 40	4377.530	235.092	219.074	220.082	218.066	S 2
E 41	4506.573	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.93
- ▶ F104940.dat
- ▶ query=q3760_p1
- ▶ precursor=644.797630
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	w	#s1	#s2	c	AA	
S	1	513.037	2254.274	2266.277	0.804	2245.167	S(41)
G	2	81.547	2210.766	2203.757	0.504	2202.251	G(40)
R	3	180.621	2182.255	2174.246	2174.750	2173.742	R(39)
G	4	209.132	2083.181	2075.172	2075.676	2074.668	G(38)
K	5	273.180	2054.671	2046.661	2047.165	2046.157	K(37)
G	6	337.209	1990.622	1982.614	1983.118	1982.110	G(36)
G	7	385.720	1926.594	1918.584	1919.088	1918.080	G(35)
G	8	394.230	1898.081	1890.074	1890.578	1889.570	G(34)
K	9	458.278	1869.572	1861.563	1862.067	1861.059	K(33)
A	10	493.796	1805.525	1797.516	1798.019	1797.012	A(32)
R	11	571.847	1770.008	1762.000	1762.503	1761.495	R(31)
A	12	607.305	1691.995	1683.986	1684.490	1683.483	A(30)
R	13	671.413	1656.437	1648.428	1648.932	1647.924	R(29)
A	14	706.931	1592.390	1584.380	1584.884	1583.876	A(28)
K	15	770.979	1556.971	1548.962	1549.466	1548.458	K(27)
T	16	821.503	1492.824	1484.814	1485.318	1484.310	T(26)
R	17	899.553	1442.360	1434.350	1434.794	1433.787	R(25)
S	18	933.609	1384.249	1356.240	1356.744	1355.736	S(24)
S	19	986.585	1320.733	1312.724	1313.228	1312.220	S(23)
R	20	1064.636	1277.217	1269.208	1269.712	1268.704	R(22)
A	21	1100.155	1199.167	1191.157	1191.661	1190.653	A(21)
G	22	1128.665	1163.648	1155.639	1156.143	1155.135	G(20)
L	23	1185.207	1135.137	1127.128	1127.632	1126.624	L(19)
Q	24	1249.237	1070.586	1070.586	1071.090	1070.082	Q(18)
F	25	1322.771	1014.566	1006.557	1007.061	1006.053	F(17)
F	26	1371.297	941.053	933.043	933.546	932.538	F(16)
V	27	1420.811	892.506	884.496	885.000	883.992	V(15)
G	28	1469.324	842.971	834.962	835.466	834.458	G(14)
R	29	1527.838	814.461	806.451	806.955	805.947	R(13)
V	30	1576.352	736.410	728.401	728.905	727.897	V(12)
H	31	1645.456	688.876	678.866	679.370	678.363	H(11)
R	32	1723.507	618.346	610.337	610.841	609.833	R(10)
L	33	1780.049	540.296	532.286	532.790	531.783	L(9)
L	34	1838.563	469.754	461.744	462.248	461.241	L(8)
R	35	1914.641	427.212	419.202	419.706	418.698	R(7)
K	36	1978.689	349.161	341.152	341.656	340.648	K(6)
G	37	2067.200	285.114	277.104	277.608	276.600	G(5)
N	38	2094.221	256.603	248.594	249.098	248.090	N(4)
V	39	2145.753	189.562	181.552	182.056	181.048	V(3)
S	40	2189.266	118.050	110.041	110.544	109.536	S(2)
E	41	2253.790	74.534	66.524	67.028	66.021	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.93
- ▶ F104940.dat
- ▶ query=q3760_p1
- ▶ precursor=644.797630
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	#s1	#s2	z	AA	
S	1	35.903	1502.191	1497.831	0.572	1497.511	S[41]
G	2	54.702	1474.180	1468.840	0.972	1468.504	G[40]
R	3	150.750	1455.173	1449.833	1450.169	1449.407	R[39]
G	4	159.757	1389.123	1383.784	1384.120	1383.440	G[38]
K	5	182.455	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.142	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	264.189	1284.723	1279.382	1279.728	1279.056	G[35]
G	8	263.156	1265.725	1260.385	1260.721	1260.040	G[34]
K	9	305.654	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.513	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.567	1180.310	1175.000	1175.336	1174.664	R[31]
A	12	405.266	1178.306	1172.997	1173.303	1172.631	A[30]
R	13	447.844	1124.627	1099.288	1099.624	1098.952	R[29]
A	14	491.623	1081.929	1076.509	1056.925	1056.251	A[28]
K	15	514.322	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	548.024	995.552	990.212	990.548	989.876	T[26]
R	17	600.026	961.869	956.529	956.865	956.191	R[25]
S	18	628.690	909.835	904.425	904.753	904.160	S[24]
S	19	658.959	880.825	875.485	875.821	875.149	S[23]
R	20	710.093	851.814	846.474	846.810	846.138	R[22]
A	21	733.772	799.780	794.441	794.777	794.105	A[21]
G	22	752.779	776.101	770.762	771.098	770.426	G[20]
L	23	790.474	752.094	747.753	752.090	751.419	L[19]
Q	24	833.160	719.366	714.990	715.624	715.251	Q[18]
F	25	882.183	676.713	671.374	671.710	671.038	F[17]
F	26	914.534	627.600	622.351	622.887	622.015	F[16]
V	27	947.557	595.139	590.000	590.336	589.664	V[15]
G	28	966.564	562.317	556.977	557.313	556.641	G[14]
R	29	1015.558	543.309	537.970	538.306	537.634	R[13]
V	30	1051.620	491.276	485.938	486.272	485.600	V[12]
H	31	1097.307	458.253	452.913	453.249	452.577	H[11]
R	32	1149.340	412.967	407.227	407.563	406.891	R[10]
L	33	1187.035	360.533	355.193	355.529	354.857	L[9]
L	34	1234.730	322.576	317.489	317.826	317.154	L[8]
R	35	1276.763	285.144	279.804	280.140	279.468	R[7]
K	36	1319.462	233.110	227.770	228.106	227.434	K[6]
G	37	1388.469	190.412	185.072	185.408	184.736	G[5]
N	38	1376.483	171.404	166.065	166.401	165.729	N[4]
V	39	1430.836	133.290	128.051	128.386	127.715	V[3]
S	40	1459.846	99.136	93.900	94.232	93.560	S[2]
E	41	1502.863	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=42.93
- ▶ F104940.dat
- ▶ query=q3760_p1
- ▶ precursor=644.797630
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	27.022	1127.645	1173.640	0.755	1173.380	S 41
G 2	41.277	1105.887	1101.882	0.755	1101.630	G 40
R 3	90.814	1091.631	1087.629	1087.879	1087.375	R 39
G 4	105.070	1042.094	1038.090	1038.342	1037.838	G 38
K 5	137.083	1027.839	1023.834	1024.086	1023.582	K 37
Q 6	169.138	998.815	943.311	992.062	991.559	Q 36
G 7	153.353	953.801	955.796	960.048	955.545	G 35
G 8	197.819	949.545	945.541	945.792	945.289	G 34
K 9	229.643	935.290	911.285	931.537	931.031	K 33
A 10	247.402	903.266	899.261	899.513	899.009	A 32
R 11	286.427	885.507	881.502	881.754	881.250	R 31
A 12	308.188	846.482	842.477	842.729	842.225	A 30
R 13	336.210	828.722	824.718	824.970	824.466	R 29
A 14	353.989	796.699	792.694	792.946	792.442	A 28
K 15	385.993	778.939	774.935	775.187	774.681	K 27
T 16	411.255	746.915	742.911	743.163	742.659	T 26
R 17	450.260	721.694	717.689	717.941	717.397	R 25
S 18	472.038	692.828	678.824	678.876	678.372	S 24
S 19	483.796	660.870	656.865	657.118	656.614	S 23
R 20	512.820	639.112	635.108	635.360	634.856	R 22
A 21	550.541	600.087	596.082	596.334	595.830	A 21
G 22	564.836	582.126	578.121	578.375	578.071	G 20
L 23	593.107	556.072	549.068	549.320	548.816	L 19
Q 24	625.122	539.803	535.797	536.049	535.545	Q 19
F 25	661.889	507.787	503.782	504.034	503.530	F 17
F 26	686.192	471.020	467.015	467.267	466.763	F 16
V 27	710.919	446.756	442.752	443.004	442.500	V 15
G 28	725.175	421.989	417.985	418.237	417.733	G 14
R 29	756.322	407.734	403.729	403.981	403.477	R 13
V 30	788.967	368.769	364.764	364.996	364.492	V 12
H 31	823.232	343.942	339.937	340.189	339.685	H 11
R 32	862.257	309.677	305.672	305.924	305.420	R 10
L 33	890.528	270.652	266.647	266.899	266.395	L 9
L 34	918.799	242.381	238.376	238.628	238.124	L 8
H 35	957.824	214.130	210.125	210.387	209.883	H 7
R 36	992.545	175.084	171.080	171.332	170.828	R 6
G 37	1004.103	143.061	139.056	139.308	138.804	G 5
N 38	1032.614	128.805	124.800	125.052	124.548	N 4
V 39	1073.380	100.294	96.290	96.542	96.038	V 3
S 40	1095.138	59.529	55.524	55.776	55.272	S 2
E 41	1127.389	37.711	33.706	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQG GKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=42.93
- ▶ F104940.dat
- ▶ query=q3760_p1
- ▶ precursor=644.797630
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z#2	z	AA
S 1	21.819	902.317	899.113	0.806	898.912	S 41
G 2	33.223	884.911	883.707	0.806	881.506	G 40
R 3	72.853	873.507	870.303	870.504	870.101	R 39
G 4	84.257	833.877	830.673	830.875	830.472	G 38
K 5	109.876	822.473	819.269	819.470	819.067	K 37
Q 6	135.488	796.954	793.650	793.851	793.448	Q 36
G 7	146.692	771.242	768.038	768.240	767.837	G 35
G 8	158.296	759.838	756.634	756.835	756.432	G 34
K 9	183.915	748.433	745.230	745.431	745.028	K 33
A 10	198.123	722.814	719.611	719.812	719.409	A 32
R 11	229.343	708.607	705.403	705.605	705.202	R 31
A 12	243.551	677.387	674.183	674.385	673.981	A 30
K 13	269.170	663.179	659.976	660.177	659.774	K 29
A 14	283.377	637.560	634.357	634.558	634.155	A 28
K 15	308.996	623.353	620.149	620.351	619.948	K 27
T 16	329.205	597.734	594.530	594.732	594.329	T 26
R 17	360.426	577.524	574.321	574.522	574.119	R 25
S 18	377.832	546.304	543.100	543.302	542.899	S 24
S 19	399.239	538.898	529.694	529.896	529.492	S 23
R 20	426.459	511.491	508.288	508.489	508.086	R 22
A 21	440.666	480.271	477.067	477.269	476.866	A 21
G 22	452.070	466.064	462.860	463.061	462.658	G 20
L 23	474.687	494.659	451.456	451.657	451.254	L 19
Q 24	500.299	432.043	428.839	429.040	428.637	Q 18
F 25	529.713	406.431	403.227	403.429	403.026	F 17
P 26	549.123	377.017	373.813	374.015	373.612	P 16
V 27	568.537	357.607	354.403	354.604	354.201	V 15
G 28	580.341	337.793	334.589	334.791	334.388	G 14
R 29	611.561	326.389	323.185	323.386	322.983	R 13
V 30	631.375	295.168	291.965	292.166	291.763	V 12
H 31	658.787	275.355	272.151	272.353	271.949	H 11
R 32	690.007	247.943	244.739	244.941	244.538	R 10
L 33	712.624	216.723	213.519	213.721	213.317	L 9
L 34	735.241	194.109	190.902	191.104	190.701	L 8
R 35	766.461	171.489	168.283	168.487	168.084	R 7
K 36	782.080	140.269	137.065	137.267	136.864	K 6
G 37	803.884	114.650	111.446	111.648	111.245	G 5
N 38	826.793	103.240	100.042	100.243	99.840	N 4
V 39	858.905	80.437	77.233	77.435	77.032	V 3
S 40	876.312	47.824	44.621	44.822	44.419	S 2
E 41	902.120	30.418	27.214	27.416	27.013	E 1

sp | Q8CGP5 | H2A1F_MOUSE

SGR^{Trimethyl}_{42.05} GKQGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=42.93
- ▶ F104940.dat
- ▶ query=q3760_p1
- ▶ precursor=644.797630
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z#1	z#2	z	AA		
S	1	18.350	752.099	749.420	0.839	149.261	S	41
G	2	27.854	737.594	734.924	0.839	734.756	G	40
R	3	60.879	728.090	725.420	725.588	725.252	R	39
G	4	70.382	695.005	692.396	692.563	692.228	G	38
K	5	91.731	685.562	682.892	683.060	682.724	K	37
Q	6	113.074	664.213	661.543	661.711	661.375	Q	36
G	7	122.578	642.869	640.200	640.368	640.032	G	35
G	8	132.082	631.366	630.696	630.864	630.528	G	34
K	9	153.431	623.862	621.193	621.360	621.025	K	33
A	10	165.270	602.513	599.843	600.011	599.675	A	32
R	11	191.387	590.674	588.004	588.172	587.836	R	31
A	12	203.127	564.657	561.987	562.155	561.819	A	30
K	13	224.476	552.817	550.147	550.315	549.980	K	29
A	14	236.315	531.468	528.798	528.966	528.630	A	28
K	15	257.665	519.629	516.959	517.127	516.791	K	27
T	16	274.506	498.279	495.610	495.778	495.442	T	26
R	17	300.523	481.438	478.768	478.936	478.600	R	25
S	18	313.028	455.421	452.752	452.919	452.584	S	24
S	19	329.533	440.916	438.246	438.414	438.078	S	23
R	20	355.550	426.411	423.741	423.909	423.573	R	22
A	21	367.390	400.994	397.724	397.892	397.556	A	21
G	22	376.893	388.554	385.884	386.052	385.716	G	20
L	23	395.741	379.051	376.381	376.549	376.213	L	19
Q	24	417.084	360.203	357.534	357.702	357.366	Q	18
P	25	441.595	338.880	336.190	336.358	336.022	P	17
P	26	457.771	314.346	311.676	311.844	311.511	P	16
V	27	474.282	298.173	295.503	295.672	295.336	V	15
G	28	483.786	281.662	278.992	279.160	278.824	G	14
R	29	509.802	272.158	269.488	269.657	269.321	R	13
V	30	526.314	246.142	243.472	243.640	243.304	V	12
H	31	549.157	229.630	226.960	227.128	226.792	H	11
R	32	575.174	206.787	204.117	204.285	203.949	R	10
L	33	594.021	180.770	178.100	178.268	177.932	L	9
L	34	612.868	161.923	159.253	159.421	159.085	L	8
R	35	638.885	143.075	140.405	140.574	140.238	R	7
R	36	660.235	117.099	114.389	114.557	114.221	R	6
G	37	669.738	95.709	93.040	93.208	92.872	G	5
N	38	688.745	86.206	83.536	83.704	83.368	N	4
V	39	715.922	67.199	64.529	64.697	64.361	V	3
S	40	730.428	40.021	37.352	37.520	37.184	S	2
E	41	751.935	25.516	22.846	23.014	22.678	E	1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGKVTIAQGGVLPNIQAVLLPKK^{Methyl} TE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.81
- ▶ F104941.dat
- ▶ query=q1320_p1
- ▶ precursor=768.229700
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3069.876	3053.857	0.000	3052.890	L[26]
N[2]	245.161	2956.792	2940.773	2941.701	2939.766	N[28]
K[3]	373.256	2842.748	2826.730	2827.736	2825.721	K[27]
L[4]	486.340	2714.654	2698.636	2699.643	2697.628	L[26]
L[5]	599.424	2601.570	2585.551	2586.559	2584.544	L[25]
G[6]	656.445	2488.486	2472.467	2473.475	2471.460	G[24]
K[7]	764.540	2431.465	2415.446	2416.454	2414.439	K[23]
V[8]	883.609	2303.370	2287.351	2288.359	2286.343	V[22]
T[9]	984.656	2204.301	2188.283	2189.290	2187.275	T[21]
I[10]	1097.740	2103.254	2087.235	2088.243	2086.227	I[20]
A[11]	1168.778	1990.170	1974.151	1975.159	1973.143	A[19]
Q[12]	1296.836	1879.132	1863.113	1864.122	1862.106	Q[18]
G[13]	1353.858	1791.074	1775.055	1776.063	1774.047	G[17]
G[14]	1410.879	1734.052	1718.034	1719.041	1717.026	G[16]
V[15]	1509.948	1677.031	1661.012	1662.020	1660.004	V[15]
L[16]	1623.012	1577.963	1561.944	1562.952	1560.936	L[14]
T[17]	1720.084	1494.875	1448.860	1449.868	1447.853	T[13]
N[18]	1834.127	1387.826	1353.807	1352.815	1350.799	N[12]
I[19]	1947.211	1253.783	1237.764	1238.772	1236.756	I[11]
Q[20]	2075.270	1140.699	1124.680	1125.688	1123.672	Q[10]
A[21]	2146.307	1012.640	996.621	997.629	995.614	A[9]
V[22]	2245.375	941.603	925.584	926.592	924.576	V[8]
L[23]	2359.400	842.535	826.516	827.524	825.509	L[7]
L[24]	2471.544	759.481	713.432	714.440	712.424	L[6]
P[25]	2568.596	616.366	600.348	601.356	599.340	P[5]
K[26]	2696.691	519.314	503.295	504.303	502.287	K[4]
K[27]	2838.802	391.219	375.200	376.208	374.192	K[3]
T[28]	2939.850	249.106	233.089	234.097	232.082	T[2]
E[29]	3068.892	149.060	132.942	133.950	131.934	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGKVTIAQGGVLPNIQAVLLPKK^{Methyl} TE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=37.81
- ▶ F104941.dat
- ▶ query=q1320_p1
- ▶ precursor=768.229700
- ▶ chargePrecursor=4
- ▶ itol=0.8

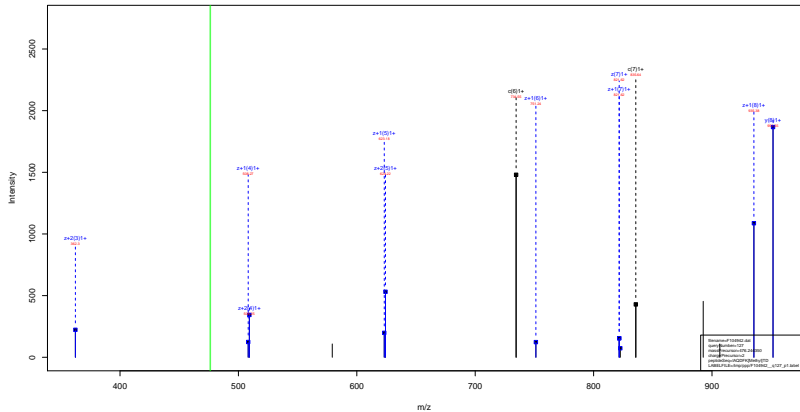
AA	c	y	z+1	z+2	z	AA
L1	66.053	1535.442	1527.432	9.504	1526.929	L129
N1	123.084	1476.905	1470.890	1471.394	1470.395	N20
K1	187.132	1421.878	1413.869	1414.373	1413.365	K27
L1	243.674	1357.811	1349.821	1350.325	1349.317	L26
L1	300.216	1301.269	1293.279	1293.783	1292.775	L25
G1	339.709	1244.747	1236.737	1237.241	1236.233	G24
K1	392.774	1216.236	1208.227	1208.731	1207.723	K23
V1	442.308	1152.188	1144.179	1144.683	1143.675	V22
T1	492.832	1102.654	1094.645	1095.149	1094.141	T21
T10	549.374	1052.130	1044.121	1044.625	1043.617	T20
A11	604.892	995.588	987.579	988.083	987.075	A19
Q1	648.922	950.070	942.060	942.564	941.551	Q18
G13	677.432	898.041	888.031	888.535	887.527	G17
G14	705.943	867.530	859.520	860.024	859.017	G16
V15	755.477	839.019	831.010	831.514	830.506	V15
L16	812.019	789.495	781.476	781.979	780.972	L14
T17	890.546	732.943	724.933	725.437	724.430	T13
N18	917.567	684.416	676.407	676.911	675.903	N12
I19	974.109	627.995	619.986	619.990	618.982	I11
Q20	1038.139	570.953	562.944	563.448	562.440	Q10
A21	1073.657	508.824	498.814	499.318	498.310	A0
V22	1123.191	471.305	463.296	463.800	462.792	V8
L23	1179.713	423.771	413.762	414.266	413.258	L17
L24	1236.275	385.228	375.220	375.723	374.715	L16
P25	1284.802	308.687	300.678	301.181	300.174	P15
K26	1348.849	260.160	252.151	252.655	251.647	K4
K27	1419.905	196.113	188.104	188.608	187.600	K3
T28	1470.428	125.058	117.048	117.552	116.544	T12
E29	1534.960	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGKVTIAQGGVLPNIQAVLLPKK^{Methyl} TE
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=37.81
- ▶ F104941.dat
- ▶ query=q1320_p1
- ▶ precursor=768.229700
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.577	1023.904	1018.624	0.672	1018.288	L[28]
N[2]	82.302	988.260	980.929	981.265	980.593	N[28]
K[3]	125.090	948.255	942.915	943.251	942.579	K[27]
L[4]	162.785	905.550	908.217	900.553	899.881	L[26]
L[5]	200.479	867.862	862.522	862.858	862.186	L[25]
Q[6]	239.887	830.169	824.807	825.183	824.499	Q[24]
K[7]	282.185	811.160	805.820	806.156	805.484	K[23]
V[8]	395.268	768.461	763.122	763.458	762.788	V[22]
T[9]	528.890	735.439	730.099	730.435	729.763	T[21]
T[10]	565.585	701.750	696.410	696.752	696.081	T[20]
A[11]	690.254	664.061	658.722	659.058	658.386	A[19]
Q[12]	832.950	640.361	635.023	635.359	634.701	Q[18]
G[13]	451.957	597.666	592.327	592.663	592.021	G[17]
G[14]	470.965	578.680	573.349	573.685	573.013	G[16]
V[15]	503.987	559.687	554.342	554.678	554.009	V[15]
L[16]	541.682	526.650	521.310	521.655	520.984	L[14]
F[17]	574.833	488.964	483.625	483.961	483.289	F[13]
T[18]	613.287	456.811	451.474	451.810	451.138	T[12]
T[19]	649.742	418.590	413.250	413.595	412.924	T[11]
Q[20]	692.428	380.904	375.565	375.901	375.229	Q[10]
A[21]	716.407	338.218	332.879	333.215	332.543	A[9]
V[22]	749.130	314.539	309.200	309.536	308.864	V[9]
L[23]	786.825	281.516	276.177	276.513	275.841	L[7]
L[24]	824.519	243.927	238.588	238.918	238.246	L[6]
P[25]	856.870	206.127	200.787	201.123	200.451	P[5]
K[26]	899.569	173.776	168.437	168.772	168.101	K[4]
K[27]	946.939	131.078	125.738	126.074	125.402	K[3]
T[28]	980.621	83.708	78.368	78.704	78.032	T[2]
E[29]	1023.636	50.625	44.685	45.021	44.349	E[1]



sp | P68433 | H31_MOUSE

IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.95
- ▶ F104942.dat
- ▶ query=q127_p1
- ▶ precursor=476.244350
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
R 6	734.420	377.203	361.194	362.192	360.177	R 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSAAGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.93
- ▶ F104959.dat
- ▶ query=q1850_p1
- ▶ precursor=779.413500
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
F [1]	131.118	2336.254	2336.266	0.000	2319.166	F[21]
A [2]	202.195	2223.140	2207.172	0.000	2206.114	A[20]
Q [3]	330.214	2152.103	2136.085	2137.092	2135.077	Q[19]
D [4]	449.291	2034.045	2028.055	2000.044	2007.011	D[18]
F [5]	592.309	1909.018	1892.999	1894.007	1891.991	F[17]
K [6]	734.420	1761.949	1745.931	1746.938	1744.923	K[16]
T [7]	835.467	1619.839	1603.820	1604.828	1602.812	T[15]
D [8]	950.494	1518.791	1502.772	1503.780	1501.765	D[14]
L [9]	1063.578	1401.704	1387.745	1388.753	1386.738	L[13]
R [10]	1218.679	1290.689	1274.661	1275.669	1273.654	R[12]
F [11]	1356.748	1134.579	1118.560	1119.568	1117.552	F[11]
Q [12]	1494.806	987.511	971.492	972.500	970.484	Q[10]
S [13]	1581.838	859.452	843.433	844.441	842.425	S[9]
A [14]	1652.875	722.420	706.401	707.409	705.393	A[8]
A [15]	1723.913	701.383	685.364	686.372	684.356	A[7]
I [16]	1839.997	630.346	614.327	615.335	613.319	I[6]
G [17]	1894.018	517.262	501.243	502.251	500.235	G[5]
A [18]	1965.055	460.240	444.221	445.229	443.214	A[4]
L [19]	2078.139	389.203	373.184	374.192	372.177	L[3]
Q [20]	2206.198	276.119	260.100	261.108	259.092	Q[2]
E [21]	2335.240	148.060	132.042	133.050	131.034	E[1]

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSAAGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.93
- ▶ F104959.dat
- ▶ query=q1850_p1
- ▶ precursor=779.413500
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1168.616	1166.607	0.504	1160.103	[21]
A [2]	101.561	1112.074	1104.064	0.504	1103.561	A[20]
Q [3]	165.610	1076.555	1068.546	1069.050	1068.042	Q[19]
D [4]	223.124	1032.526	1004.517	1005.021	1004.013	D[18]
F [5]	290.628	955.013	947.003	947.507	946.499	F[17]
K [6]	367.713	881.478	871.469	873.973	872.965	K[16]
T [7]	418.237	810.423	802.414	802.918	801.910	T[15]
D [8]	475.751	759.899	751.890	752.394	751.386	D[14]
L [9]	532.293	702.366	694.376	694.880	693.872	L[13]
R [10]	610.343	646.844	637.833	638.338	637.330	R[12]
F [11]	683.378	597.793	559.784	560.288	559.280	F[11]
Q [12]	747.907	494.259	486.250	486.753	485.745	Q[10]
S [13]	791.423	430.230	422.220	422.724	421.716	S[9]
A [14]	826.941	396.714	378.704	379.208	378.200	A[8]
A [15]	802.460	351.195	343.188	343.690	342.682	A[7]
I [16]	919.002	315.676	307.667	308.171	307.163	I[6]
G [17]	947.513	269.134	251.125	251.629	250.621	G[5]
A [18]	983.031	230.624	222.614	223.118	222.110	A[4]
L [19]	1039.573	195.105	187.096	187.600	186.592	L[3]
Q [20]	1103.603	138.563	130.554	131.058	130.050	Q[2]
E [21]	1188.124	74.834	68.824	67.828	68.821	E[1]

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.36
- ▶ F104959.dat
- ▶ query=q1854.p1
- ▶ precursor=779.416000
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I 1	151.118	2336.224	2356.206	0.000	2316.188	Q 1
A 2	262.155	2223.140	2307.122	0.000	2206.114	A 20
Q 3	330.214	2152.103	2156.085	2137.062	2135.077	Q 19
D 4	445.241	2074.045	2098.030	2019.024	2007.010	Q 18
F 5	502.309	1909.018	1892.999	1894.007	1891.991	F 17
K 6	734.420	1761.948	1745.931	1746.938	1744.923	K 16
T 7	835.407	1616.836	1601.820	1604.828	1602.811	T 15
D 8	950.494	1518.791	1502.772	1503.780	1501.765	D 14
L 9	1063.578	1403.764	1387.745	1388.753	1386.738	L 13
R 10	1219.679	1290.690	1274.661	1275.669	1273.654	R 12
F 11	1356.748	1184.579	1118.560	1119.568	1117.552	F 11
Q 12	1494.806	987.511	971.492	972.500	970.484	Q 10
S 13	1581.838	859.452	843.433	844.441	842.425	S 9
A 14	1652.875	722.420	756.401	757.409	755.393	A 8
A 15	1723.913	701.363	685.344	686.352	684.336	A 7
I 16	1836.952	630.346	614.327	615.335	613.319	I 6
G 17	1894.018	517.262	501.243	502.251	500.235	G 5
A 18	1985.055	460.240	444.221	445.229	443.214	A 4
L 19	2076.119	389.203	373.184	374.192	372.177	L 3
Q 20	2206.198	276.119	260.100	261.108	259.092	Q 2
E 21	2335.240	148.060	132.042	133.050	131.034	E 1

sp | P84244 | H33_MOUSE

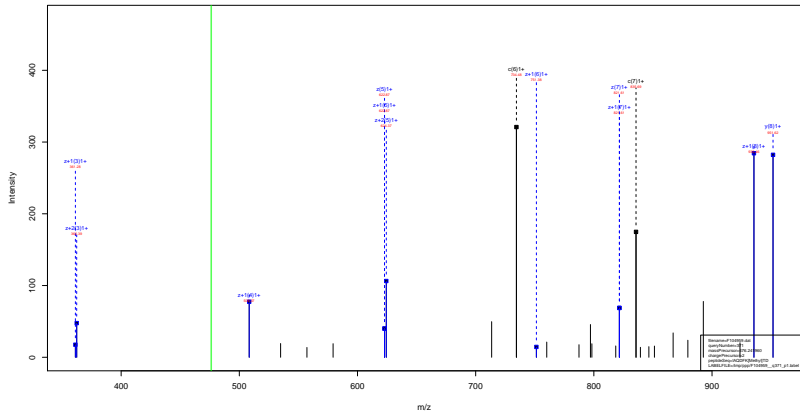
IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.36
- ▶ F104959.dat
- ▶ query=q1854.p1
- ▶ precursor=779.416000
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1168.616	1166.607	0.504	1160.103	[21]
A [2]	101.561	1112.074	1104.064	0.504	1103.561	A[20]
Q [3]	165.610	1076.555	1066.546	1060.050	1068.042	Q[19]
D [4]	223.124	1032.526	1004.517	1005.021	1004.013	D[18]
F [5]	290.628	955.013	947.003	947.507	946.499	F[17]
K [6]	367.713	881.478	871.469	873.973	872.965	K[16]
T [7]	418.237	810.423	802.414	802.918	801.910	T[15]
D [8]	475.751	759.899	751.890	752.394	751.386	D[14]
L [9]	532.293	702.366	694.376	694.880	693.872	L[13]
R [10]	610.343	646.844	637.833	638.338	637.330	R[12]
F [11]	683.378	597.793	559.784	560.288	559.280	F[11]
Q [12]	747.907	494.259	486.250	486.753	485.745	Q[10]
S [13]	791.423	430.230	422.220	422.724	421.716	S[9]
A [14]	826.941	396.714	378.704	379.208	378.200	A[8]
A [15]	892.460	351.195	343.188	343.690	342.682	A[7]
I [16]	919.002	315.676	307.667	308.171	307.163	I[6]
G [17]	947.513	280.154	251.125	251.629	250.621	G[5]
A [18]	983.031	230.634	222.614	223.118	222.110	A[4]
L [19]	1039.573	195.105	187.096	187.600	186.592	L[3]
Q [20]	1103.603	138.563	130.554	131.058	130.050	Q[2]
E [21]	1188.124	74.834	68.824	67.828	68.821	E[1]

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

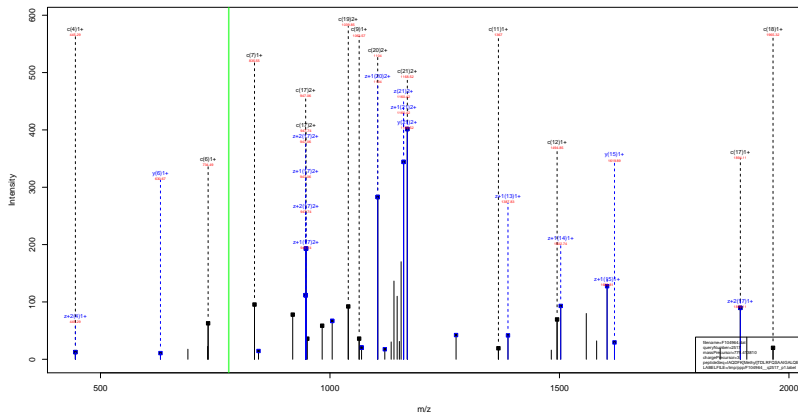
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.33
- ▶ F104959.dat
- ▶ query=q371_p1
- ▶ precursor=476.241960
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
R 6	734.420	377.203	361.184	362.192	360.177	R 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P84244 | H33_MOUSE

IAQDFK^{Methyl} TDLRFQSAAILGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.12
- ▶ F104964.dat
- ▶ query=q2517.p1
- ▶ precursor=779.413810
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
F [1]	131.118	2336.254	2330.206	0.000	2319.108	F[21]
A [2]	202.195	2223.140	2207.172	0.000	2206.114	A[20]
Q [3]	139.214	2152.103	2136.085	2137.092	2135.077	Q[19]
D [4]	445.241	2024.945	2008.935	2000.944	2007.011	D[18]
F [5]	502.309	1920.012	1892.909	1894.007	1891.991	F[17]
K [6]	734.420	1761.940	1745.931	1746.938	1744.923	K[16]
T [7]	835.467	1619.839	1603.820	1604.828	1602.812	T[15]
D [8]	950.494	1518.791	1502.772	1503.780	1501.765	D[14]
L [9]	1063.578	1401.704	1387.745	1388.753	1386.738	L[13]
R [10]	1219.679	1290.680	1274.661	1275.669	1273.654	R[12]
F [11]	1366.748	1134.579	1118.560	1119.568	1117.552	F[11]
Q [12]	1494.806	987.511	971.492	972.500	970.484	Q[10]
S [13]	1581.838	859.452	843.433	844.441	842.425	S[9]
A [14]	1652.875	722.420	706.401	707.409	705.393	A[8]
A [15]	1723.913	603.363	587.344	588.352	586.336	A[7]
I [16]	1839.997	630.348	614.329	615.336	613.321	I[6]
G [17]	1894.018	517.262	501.243	502.251	500.235	G[5]
A [18]	1965.055	460.240	444.221	445.229	443.214	A[4]
L [19]	2078.139	389.207	373.188	374.192	372.177	L[3]
Q [20]	2206.198	276.119	260.100	261.108	259.092	Q[2]
E [21]	2335.240	148.060	132.042	133.050	131.034	E[1]

sp | P84244 | H33_MOUSE

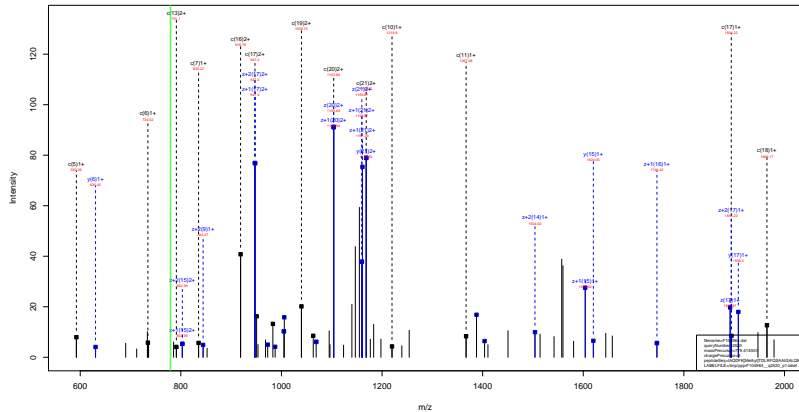
IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.12
- ▶ F104964.dat
- ▶ query=q2517.p1
- ▶ precursor=779.413810
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1168.616	1168.607	0.504	1160.103	[21]
A [2]	101.561	1112.074	1104.064	0.504	1103.561	A[20]
Q [3]	165.610	1076.555	1068.546	1069.050	1068.042	Q[19]
D [4]	223.124	1032.526	1005.517	1005.021	1005.011	D[18]
F [5]	290.628	955.013	947.003	947.507	946.499	F[17]
K [6]	367.713	881.478	871.469	873.973	872.965	K[16]
T [7]	418.237	810.423	802.414	802.918	801.910	T[15]
D [8]	475.751	759.899	751.890	752.394	751.386	D[14]
L [9]	532.293	702.366	694.376	694.880	693.872	L[13]
R [10]	610.343	646.844	637.833	638.338	637.330	R[12]
F [11]	683.378	597.793	559.784	560.288	559.280	F[11]
Q [12]	747.907	494.259	486.250	486.753	485.745	Q[10]
S [13]	791.423	430.230	422.220	422.724	421.716	S[9]
A [14]	826.941	396.714	378.704	379.208	378.200	A[8]
A [15]	882.460	351.195	343.188	343.690	342.682	A[7]
I [16]	919.002	315.676	307.667	308.171	307.163	I[6]
G [17]	947.513	259.134	251.125	251.629	250.621	G[5]
A [18]	983.031	230.624	222.614	223.118	222.110	A[4]
L [19]	1039.573	195.105	187.096	187.600	186.592	L[3]
Q [20]	1103.603	138.563	130.554	131.058	130.050	Q[2]
E [21]	1168.124	74.534	66.524	67.028	66.021	E[1]

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} TDLRFQSAAILGQE
14.02



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.85
- ▶ F104964.dat
- ▶ query=q2520.p1
- ▶ precursor=779.414300
- ▶ chargePrecursor=3
- ▶ itol=0.8

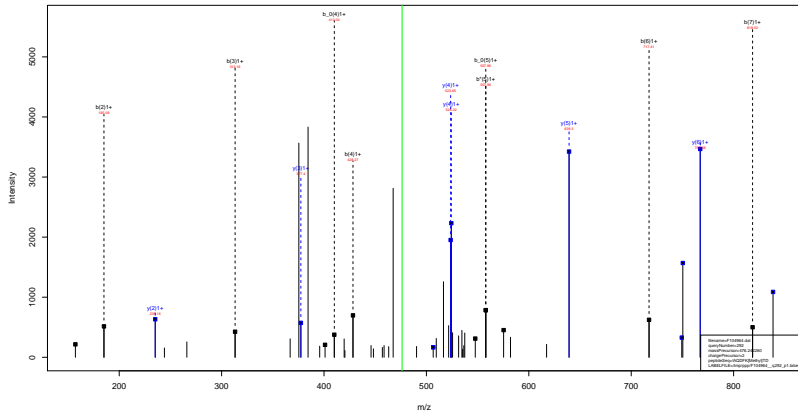
AA	c	y	z+1	z+2	z	AA
I 1	151.118	2336.224	2336.206	0.000	2319.188	Q 1
A 2	202.155	2223.140	2207.122	0.000	2206.114	A 20
Q 3	330.214	2152.103	2136.085	2137.062	2135.077	Q 19
D 4	445.241	2074.045	2068.028	2059.974	2067.010	Q 18
F 5	592.309	1909.018	1892.999	1894.007	1891.991	F 17
K 6	734.420	1781.949	1745.931	1746.938	1744.921	K 16
T 7	835.407	1619.839	1603.820	1604.828	1602.811	T 15
D 8	950.494	1518.791	1502.772	1503.780	1501.765	D 14
L 9	1063.578	1403.764	1387.745	1388.751	1386.735	L 13
R 10	1219.679	1290.695	1274.683	1275.689	1273.664	R 12
F 11	1366.748	1184.579	1118.550	1119.568	1117.552	F 11
Q 12	1494.806	987.511	971.492	972.500	970.484	Q 10
S 13	1581.838	859.452	843.433	844.441	842.425	S 9
A 14	1652.875	722.420	756.401	757.409	755.393	A 8
A 15	1723.913	701.371	685.352	686.372	684.355	A 7
I 16	1838.022	630.346	624.327	615.335	613.319	I 6
G 17	1894.018	517.262	501.243	502.251	500.235	G 5
A 18	1965.055	460.240	444.221	445.229	443.214	A 4
L 19	2078.139	389.203	373.184	374.192	372.177	L 3
Q 20	2206.198	276.119	260.100	261.108	259.092	Q 2
E 21	2335.240	148.060	132.042	133.050	131.034	E 1

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.85
- ▶ F104964.dat
- ▶ query=q2520.p1
- ▶ precursor=779.414300
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1168.616	1160.667	0.504	1160.103	[21]
A [2]	101.551	1112.074	1104.064	0.504	1103.561	A[20]
Q [3]	165.610	1076.555	1066.546	1069.050	1069.042	Q[19]
D [4]	223.224	1032.526	1004.517	1005.021	1004.011	D[18]
F [5]	296.658	955.013	947.003	947.507	950.497	F[17]
K [6]	367.713	881.478	871.469	873.973	872.965	K[16]
T [7]	418.237	810.423	802.414	802.918	801.910	T[15]
D [8]	475.751	759.899	751.890	752.394	751.386	D[14]
L [9]	532.293	702.366	694.376	694.880	693.872	L[13]
R [10]	610.343	646.844	637.833	638.338	637.330	R[12]
F [11]	663.578	597.793	559.784	560.288	559.280	F[11]
Q [12]	747.907	494.259	486.250	486.753	485.745	Q[10]
S [13]	791.423	430.230	422.220	422.724	421.716	S[9]
A [14]	826.941	396.714	378.704	379.208	378.200	A[8]
A [15]	852.460	351.195	343.188	343.690	342.682	A[7]
I [16]	919.002	315.676	307.667	308.171	307.163	I[6]
G [17]	947.513	259.134	251.125	251.629	250.621	G[5]
A [18]	983.031	230.624	222.614	223.118	222.110	A[4]
L [19]	1039.573	195.105	187.096	187.600	186.592	L[3]
Q [20]	1103.603	138.563	130.554	131.058	130.050	Q[2]
E [21]	1168.124	74.534	66.524	67.028	66.021	E[1]

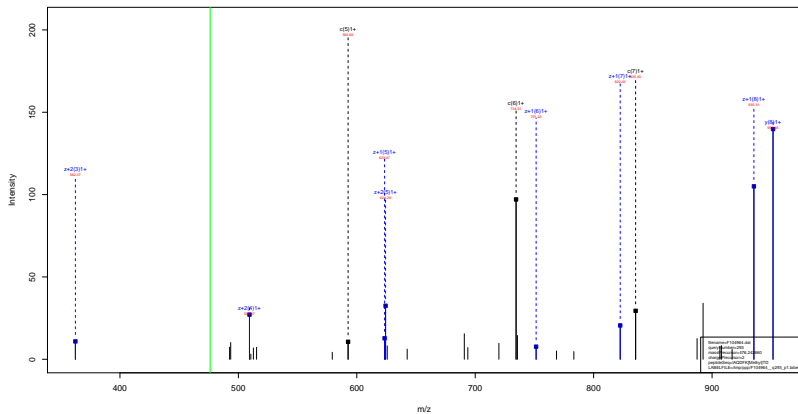


sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=29.93
- ▶ F104964.dat
- ▶ query=q292_p1
- ▶ precursor=476.242260
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
T 1	46.998	0.000	0.000	114.096	0.000	0.000	901.416	109.456	114.096	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.354	821.356	820.384	A 2
Q 3	286.192	286.186	0.000	313.187	296.160	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	362.209	428.214	411.187	410.203	636.298	629.272	621.288	G 4
F 5	547.287	540.261	520.277	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	678.286	672.312	671.366	717.293	700.369	697.382	377.263	366.172	356.193	R 6
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	237.082	T 7
G 8	905.473	880.449	887.462	933.468	916.441	915.457	134.040	0.000	136.034	G 8



sp | P68433 | H31_MOUSE

IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.94
- ▶ F104964.dat
- ▶ query=q293-p1
- ▶ precursor=476.242660
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
K 6	734.420	377.203	361.184	362.192	360.177	K 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

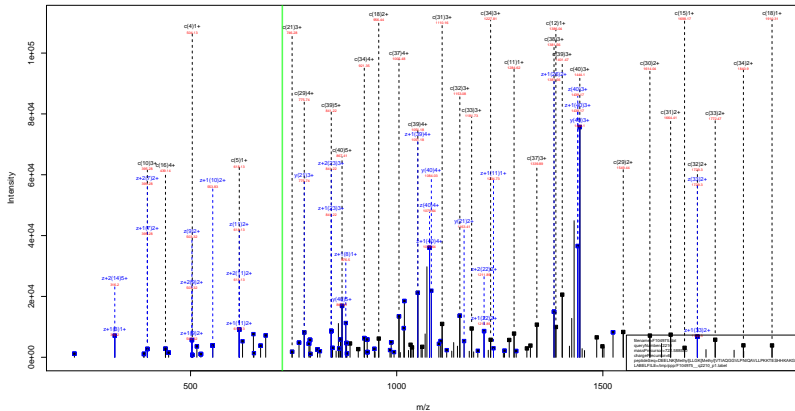
K^{Methyl} TDLRF
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.71
- ▶ F104968.dat
- ▶ query=q234_p1
- ▶ precursor=397.232450
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	160.144	793.457	777.438	778.446	776.430	K[6]
Y[2]	261.192	651.346	635.327	636.335	634.320	Y[5]
D[3]	376.219	650.298	534.280	535.287	533.272	D[4]
L[4]	489.303	435.271	419.253	420.261	418.245	L[3]
R[5]	645.404	322.187	306.169	307.176	305.161	R[2]
F[6]	792.473	166.086	150.068	151.075	149.060	F[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl} 14.02 LLGK ^{Methyl} 14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK



sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl}14.02 LLGK ^{Methyl}14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.83
- ▶ F104975.dat
- ▶ query=q2210_p1
- ▶ precursor=722.588580
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	153.061	4330.497	4334.470	0.000	4333.471	D[40]
E[2]	262.103	4215.470	4199.452	0.000	4198.444	E[30]
E[3]	391.146	4098.428	4070.409	0.000	4069.401	E[38]
L[4]	504.230	3957.385	3941.366	0.000	3940.359	L[37]
N[5]	618.273	3844.301	3828.282	3820.260	3827.275	N[30]
K[6]	760.284	3730.258	3714.239	3715.247	3713.232	K[35]
L[7]	873.468	3588.144	3572.139	3573.137	3571.121	L[34]
L[8]	986.552	3475.064	3459.045	3460.053	3458.037	L[33]
G[9]	1043.573	3361.979	3346.961	3346.969	3344.953	G[32]
K[10]	1185.684	3204.958	3208.939	3209.947	3207.931	K[31]
V[11]	1284.752	3182.847	3146.829	3147.836	3145.821	V[30]
T[12]	1385.800	3063.779	3047.760	3048.768	3046.752	T[29]
I[13]	1498.884	2962.711	2946.713	2947.720	2945.705	I[28]
A[14]	1599.831	2849.641	2833.638	2834.636	2832.621	A[27]
Q[15]	1697.980	2778.610	2762.591	2763.599	2761.584	Q[26]
G[16]	1755.001	2650.552	2634.533	2635.541	2633.525	G[25]
G[17]	1812.023	2503.530	2577.511	2578.519	2576.504	G[24]
V[18]	1911.091	2539.509	2520.490	2521.498	2519.482	V[23]
L[19]	2024.175	2437.440	2421.421	2422.429	2420.414	L[22]
F[20]	2121.228	2324.356	2308.337	2309.345	2307.330	F[21]
N[21]	2235.271	2227.303	2211.285	2212.292	2210.277	N[20]
I[22]	2348.355	2113.266	2097.242	2098.250	2096.234	I[19]
Q[23]	2476.413	2000.178	1984.158	1985.165	1983.150	Q[18]
A[24]	2547.450	1872.118	1856.099	1857.107	1855.091	A[17]
V[25]	2646.519	1801.081	1785.062	1786.070	1784.054	V[16]
L[26]	2759.593	1702.012	1686.994	1687.991	1685.985	L[15]
L[27]	2872.687	1588.928	1572.909	1573.917	1571.901	L[14]
P[28]	2969.740	1475.844	1459.825	1460.833	1458.818	P[13]
K[29]	3097.835	1378.791	1362.773	1363.780	1361.765	K[12]
K[30]	3225.930	1250.696	1234.678	1235.685	1233.670	K[11]
T[31]	3326.977	1122.601	1106.583	1107.591	1105.575	T[10]
E[32]	3456.020	1021.554	1005.535	1006.543	1004.527	E[9]
S[33]	3543.052	892.513	874.482	875.490	873.485	S[8]
H[34]	3588.111	805.479	789.460	790.468	788.453	H[7]
H[35]	3817.170	668.420	652.401	653.409	651.394	H[6]
K[36]	3945.265	531.361	515.343	516.350	514.335	K[5]
A[37]	4016.302	403.266	387.248	388.255	386.240	A[4]
K[38]	4144.397	332.229	316.211	317.218	315.203	K[3]
G[39]	4201.438	204.134	188.116	189.123	187.108	G[2]
K[40]	4329.513	147.113	131.094	132.102	130.086	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl}14.02 LLGK ^{Methyl}14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.83
- ▶ F104975.dat
- ▶ query=q2210.p1
- ▶ precursor=722.588580
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA	
D	1	87.034	2165.752	2157.743	0.504	2157.239	D[40]
E	2	131.555	2108.239	2100.229	0.504	2099.726	E[39]
E	3	188.077	2043.718	2035.708	0.504	2035.204	E[38]
L	4	252.619	1979.196	1971.187	0.504	1970.683	L[37]
N	5	309.640	1922.654	1914.645	1915.140	1914.141	N[36]
K	6	388.695	1865.633	1857.623	1858.127	1857.119	K[35]
L	7	437.217	1794.577	1786.568	1787.072	1786.064	L[34]
L	8	484.779	1738.055	1730.026	1730.530	1729.522	L[33]
G	9	522.290	1681.983	1673.989	1673.988	1673.989	G[32]
K	10	593.346	1625.063	1614.978	1615.477	1614.469	K[31]
V	11	642.880	1581.927	1573.918	1574.422	1573.414	V[30]
T	12	693.404	1532.393	1524.384	1524.888	1523.880	T[29]
L	13	740.946	1481.869	1473.860	1474.364	1473.356	L[28]
A	14	785.464	1436.327	1427.318	1427.822	1426.814	A[27]
G	15	849.493	1389.805	1381.799	1382.303	1381.295	G[26]
G	16	878.004	1325.779	1317.770	1318.274	1317.266	G[25]
G	17	906.515	1297.269	1289.259	1289.763	1288.755	G[24]
V	18	956.049	1268.758	1260.749	1261.252	1260.245	V[23]
L	19	1025.594	1219.224	1211.214	1211.718	1210.710	L[22]
P	20	1061.118	1162.682	1154.673	1155.176	1154.169	P[21]
N	21	1118.139	1114.155	1106.146	1106.650	1105.642	N[20]
I	22	1174.681	1057.134	1049.124	1049.628	1048.621	I[19]
Q	23	1238.710	1000.592	992.582	993.086	992.079	Q[18]
A	24	1274.229	936.563	928.553	929.057	928.049	A[17]
V	25	1323.763	869.044	861.035	861.539	860.531	V[16]
L	26	1385.305	851.510	843.500	844.004	843.000	L[15]
L	27	1436.847	794.968	786.958	787.462	786.454	L[14]
P	28	1465.374	738.426	730.416	730.920	729.912	P[13]
K	29	1549.421	689.899	681.890	682.394	681.386	K[12]
K	30	1613.468	625.852	617.842	618.346	617.339	K[11]
T	31	1663.992	563.834	553.795	554.299	553.291	T[10]
E	32	1728.514	511.261	503.271	503.775	502.767	E[9]
S	33	1772.030	446.759	438.750	439.254	438.246	S[8]
H	34	1840.559	403.243	395.234	395.738	394.730	H[7]
H	35	1899.069	334.714	326.704	327.208	326.200	H[6]
K	36	1973.136	366.184	358.175	358.679	357.671	K[5]
A	37	2058.655	292.137	284.127	284.631	283.624	A[4]
K	38	2072.702	166.618	158.609	159.113	158.105	K[3]
G	39	2161.211	102.571	94.561	95.065	94.057	G[2]
K	40	2165.260	74.060	66.051	66.555	65.547	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl}14.02 LLGK ^{Methyl}14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.83
- ▶ F104975.dat
- ▶ query=q2210.p1
- ▶ precursor=722.588580
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA		
D	1	45.025	1444.171	1438.831	0.672	1438.495	D[40]	
E	2	68.039	1405.628	1400.489	0.672	1400.153	E[39]	
E	3	113.054	1362.814	1357.475	0.672	1357.139	E[38]	
L	4	158.748	1319.800	1314.460	0.672	1314.124	L[37]	
N	5	206.762	1282.105	1276.766	1.277	1276.430	N[36]	
K	6	254.113	1244.091	1238.751	1.239	1238.415	K[35]	
L	7	291.827	1196.721	1191.381	1.191	1191.045	L[34]	
L	8	339.522	1159.707	1153.686	1.154	1153.351	L[33]	
Q	9	388.529	1121.331	1115.992	1.116	1115.656	Q[32]	
K	10	395.899	1102.124	1096.935	1.097	1096.649	K[31]	
V	11	438.922	1054.954	1049.614	1.049	1049.277	V[30]	
T	12	482.605	1021.931	1016.592	1016.928	1.016	1016.250	T[29]
L	13	500.299	988.249	982.909	983.245	982.573	L[28]	
A	14	523.979	956.554	945.214	945.550	944.879	A[27]	
Q	15	566.695	926.875	921.535	921.871	921.199	Q[26]	
G	16	585.672	884.189	878.849	879.185	878.513	G[25]	
G	17	604.679	865.182	859.842	860.178	859.500	G[24]	
V	18	637.702	846.174	840.835	841.171	840.499	V[23]	
L	19	675.397	813.152	807.812	808.148	807.476	L[22]	
P	20	707.747	775.457	770.117	770.453	769.781	P[21]	
N	21	745.762	743.106	737.766	738.102	737.430	N[20]	
I	22	781.456	705.002	699.152	700.488	699.814	I[19]	
Q	23	826.143	667.397	662.057	662.393	661.721	Q[18]	
A	24	849.822	634.711	619.371	619.707	619.035	A[17]	
V	25	882.844	603.016	588.662	589.008	588.336	V[16]	
L	26	920.539	568.009	562.669	563.005	562.333	L[15]	
L	27	958.234	530.314	524.975	525.311	524.639	L[14]	
P	28	990.505	492.620	487.280	487.616	486.944	P[13]	
K	29	1033.283	460.269	454.929	455.265	454.593	K[12]	
K	30	1075.981	427.576	412.236	412.572	411.901	K[11]	
T	31	1109.664	374.872	369.532	369.868	369.196	T[10]	
E	32	1152.678	341.180	335.840	336.176	335.514	E[9]	
S	33	1181.689	298.175	292.835	293.172	292.500	S[8]	
H	34	1227.375	269.185	263.845	264.181	263.489	H[7]	
H	35	1273.061	221.478	216.139	216.475	217.803	H[6]	
K	36	1315.760	177.762	172.422	172.758	172.110	K[5]	
A	37	1339.439	135.094	129.754	130.090	129.418	A[4]	
K	38	1382.137	111.415	106.075	106.411	105.739	K[3]	
G	39	1461.144	68.716	63.377	63.713	63.041	G[2]	
K	40	1443.843	49.709	44.370	44.705	44.034	K[1]	

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl} 14.02 LLGK ^{Methyl} 14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=49.83
- ▶ F104975.dat
- ▶ query=q2210.p1
- ▶ precursor=722.588580
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
D[1]	34.621	1083.380	1079.375	0.755	1079.123	L[40]
E[2]	66.281	1054.121	1050.618	0.755	1050.366	L[39]
E[3]	98.542	1022.362	1018.358	0.755	1018.106	L[38]
L[4]	126.813	990.102	986.097	0.755	985.845	L[37]
N[5]	155.324	961.831	957.820	958.078	957.574	N[36]
K[6]	190.851	933.320	929.315	929.567	929.063	K[35]
L[7]	219.122	897.792	893.788	894.040	893.536	L[34]
L[8]	247.293	869.521	865.517	865.769	865.265	L[33]
G[9]	281.649	841.250	837.246	837.498	836.994	G[32]
K[10]	297.176	826.995	822.990	823.242	822.738	K[31]
V[11]	321.944	791.467	787.463	787.715	787.211	V[30]
T[12]	347.205	766.700	762.696	762.947	762.444	T[29]
L[13]	375.476	741.438	737.434	737.686	737.182	L[28]
A[14]	399.236	713.167	709.163	709.415	708.911	A[27]
Q[15]	425.290	695.408	691.403	691.655	691.151	Q[26]
G[16]	439.506	663.393	659.389	659.641	659.137	G[25]
G[17]	453.701	649.130	645.133	645.385	644.881	G[24]
V[18]	478.528	634.883	630.878	631.130	630.626	V[23]
L[19]	506.799	610.116	606.111	606.363	605.859	L[22]
P[20]	533.062	581.944	577.940	578.192	577.688	P[21]
N[21]	559.573	557.381	553.577	553.829	553.325	N[20]
I[22]	587.844	529.071	525.066	525.318	524.814	I[19]
Q[23]	619.859	500.800	496.795	497.047	496.543	Q[18]
A[24]	637.618	468.795	464.790	465.032	464.528	A[17]
V[25]	662.385	451.020	447.021	447.273	446.769	V[16]
L[26]	689.656	426.759	422.754	422.996	422.492	L[15]
L[27]	718.927	397.865	393.863	394.105	393.731	L[14]
P[28]	743.190	369.710	365.712	365.964	365.460	P[13]
K[29]	775.214	345.453	341.449	341.701	341.197	K[12]
K[30]	807.238	313.430	309.425	309.677	309.173	K[11]
T[31]	832.500	281.400	277.401	277.653	277.149	T[10]
E[32]	854.768	256.144	252.139	252.391	251.887	E[9]
S[33]	886.518	223.883	219.879	220.131	219.627	S[8]
H[34]	920.783	202.125	198.121	198.373	197.869	H[7]
H[35]	955.046	167.861	163.856	164.108	163.604	H[6]
K[36]	987.072	133.590	129.591	129.843	129.339	K[5]
A[37]	1004.831	101.373	97.369	97.621	97.117	A[4]
K[38]	1036.855	83.811	79.808	80.060	79.556	K[3]
G[39]	1051.110	51.789	47.784	48.036	47.532	G[2]
K[40]	1083.134	37.534	33.529	33.781	33.277	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl} 14.02 LLGK ^{Methyl} 14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=49.83
- ▶ F104975.dat
- ▶ query=q2210_p1
- ▶ precursor=722.588580
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
D	1	27.418	866.905	863.702	0.806	863.500	D	40
E	2	53.226	843.900	840.696	0.806	840.495	E	39
E	3	79.035	318.091	315.388	0.806	314.585	E	38
L	4	101.052	792.261	789.079	0.806	788.878	L	37
N	5	124.460	769.666	766.462	766.664	766.261	N	36
K	6	152.883	746.857	743.654	743.855	743.452	K	35
L	7	175.499	718.435	715.232	715.433	715.030	L	34
L	8	198.116	695.819	692.615	692.816	692.413	L	33
G	9	209.520	673.202	669.998	670.200	669.796	G	32
K	10	237.943	661.797	658.594	658.795	658.392	K	31
V	11	257.756	633.375	630.172	630.373	629.970	V	30
I	12	277.966	613.562	610.358	610.559	610.156	I	29
I	13	300.583	593.352	590.148	590.350	589.947	I	28
A	14	314.790	570.735	567.532	567.733	567.330	A	27
Q	15	340.402	556.528	553.324	551.526	553.123	Q	26
G	16	351.806	530.916	527.712	527.914	527.511	G	25
G	17	363.210	519.512	516.308	516.510	516.107	G	24
V	18	383.024	508.108	504.904	505.105	504.702	V	23
L	19	405.641	488.294	485.090	485.292	484.889	L	22
P	20	425.051	468.677	465.473	465.675	465.272	P	21
N	21	447.890	446.266	443.063	443.264	442.861	N	20
I	22	470.477	423.456	420.254	420.456	420.053	I	19
Q	23	496.088	400.841	397.637	397.839	397.436	Q	18
A	24	510.296	375.228	372.026	372.227	371.824	A	17
V	25	530.110	361.022	357.818	358.020	357.617	V	16
L	26	552.726	341.208	338.005	338.206	337.803	L	15
L	27	575.343	318.591	315.388	315.589	315.186	L	14
P	28	594.754	295.975	292.771	292.972	292.569	P	13
K	29	630.373	276.564	273.360	273.562	273.159	K	12
K	30	645.992	250.945	247.741	247.943	247.540	K	11
I	31	669.201	229.326	226.122	226.324	225.921	I	10
E	32	692.010	205.117	201.913	202.114	201.711	E	9
S	33	709.416	179.308	176.104	176.306	175.903	S	8
H	34	736.828	161.902	158.699	158.899	158.496	H	7
H	35	764.240	134.490	131.286	131.488	131.085	H	6
K	36	789.859	107.078	103.874	104.076	103.673	K	5
A	37	804.066	81.459	78.255	78.457	78.054	A	4
K	38	829.685	67.252	64.048	64.249	63.846	K	3
G	39	841.089	41.633	38.429	38.630	38.227	G	2
K	40	866.708	30.228	27.025	27.226	26.823	K	1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl}14.02 LLGK ^{Methyl}14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.77
- ▶ F104975.dat
- ▶ query=q2215_p1
- ▶ precursor=619.506230
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
D	1313.061	4330.497	4314.479	0.000	4313.477	D[40]
E	262.103	4215.470	4199.452	0.000	4198.444	E[30]
E	391.146	4086.428	4070.409	0.000	4069.401	E[38]
L	504.230	3957.385	3941.366	0.000	3940.359	L[37]
N	618.273	3844.301	3828.282	3829.290	3827.273	N[30]
K	760.384	3730.259	3714.239	3715.247	3713.231	K[35]
L	877.406	3688.149	3672.129	3673.137	3671.121	L[34]
L	906.552	3675.064	3659.045	3660.053	3658.039	L[35]
G	1043.573	3361.979	3345.961	3346.969	3344.953	G[32]
K	1185.684	3304.958	3288.939	3289.947	3287.931	K[31]
V	1264.752	3102.847	3146.829	3147.836	3145.821	V[30]
T	1385.900	3063.779	3047.760	3048.768	3046.752	T[29]
I	1468.884	2962.731	2946.713	2947.720	2945.705	I[28]
A	1569.921	2949.641	2933.623	2934.630	2932.614	A[27]
Q	1597.980	2778.610	2762.591	2763.599	2761.584	Q[20]
G	1755.001	2650.562	2634.543	2635.541	2633.525	G[25]
G	1812.023	2593.530	2577.511	2578.519	2576.504	G[24]
V	1911.091	2536.509	2520.490	2521.498	2519.482	V[23]
L	2024.175	2437.440	2421.421	2422.429	2420.414	L[22]
T	2112.238	2324.395	2308.377	2309.385	2307.370	T[21]
N	2235.271	2227.363	2211.345	2212.352	2210.337	N[20]
I	2348.355	2113.260	2097.242	2098.250	2096.234	I[19]
Q	2476.413	2000.176	1984.158	1985.165	1983.150	Q[18]
A	2547.450	1872.118	1856.099	1857.107	1855.091	A[17]
V	2646.519	1801.081	1785.062	1786.070	1784.054	V[16]
L	2759.603	1702.012	1686.994	1687.991	1686.975	L[15]
L	2872.687	1598.935	1572.909	1573.917	1571.902	L[14]
P	2969.740	1475.844	1459.825	1460.833	1458.818	P[13]
K	3097.835	1378.791	1362.773	1363.780	1361.765	K[12]
K	3225.930	1250.695	1234.678	1235.685	1233.670	K[11]
T	3326.977	1122.601	1106.583	1107.591	1105.575	T[10]
E	3459.030	1011.544	1005.535	1006.543	1004.527	E[9]
S	3543.052	892.511	876.492	877.500	875.485	S[8]
H	3680.111	805.479	789.460	790.468	788.453	H[7]
H	3817.170	668.420	652.401	653.409	651.394	H[6]
K	3945.205	531.301	515.343	516.350	514.335	K[5]
A	4016.302	403.266	387.248	388.255	386.240	A[4]
K	4144.397	332.229	318.211	319.218	317.203	K[3]
G	4201.418	204.134	188.116	189.123	187.109	G[2]
K	4329.513	147.113	131.094	132.102	130.086	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl} 14.02 LLGK ^{Methyl} 14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.77
- ▶ F104975.dat
- ▶ query=q2215_p1
- ▶ precursor=619.506230
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D 1	67.034	2165.752	2157.743	0.504	2157.239	Q40
E 2	133.955	2136.239	2108.229	0.504	2099.720	E39
E 3	196.077	2043.718	2035.709	0.504	2035.205	E38
L 4	252.619	1976.190	1971.187	0.504	1970.683	L37
N 5	309.640	1922.654	1914.645	1915.149	1914.141	N36
K 6	380.695	1895.633	1857.623	1858.127	1857.119	K35
L 7	437.237	1794.577	1798.568	1787.672	1786.664	L34
L 8	489.779	1736.058	1730.056	1730.330	1729.523	L33
G 9	522.290	1681.493	1673.484	1673.988	1672.980	G32
K10	593.346	1652.983	1644.973	1645.477	1644.469	K31
V11	642.880	1581.627	1573.918	1574.422	1573.414	V30
T12	693.404	1531.303	1524.384	1524.888	1523.880	T29
L13	745.946	1451.899	1473.880	1474.384	1473.376	L28
A14	785.464	1425.327	1417.318	1417.822	1416.814	A27
Q15	849.493	1389.809	1381.790	1382.303	1381.295	Q26
G16	878.004	1325.779	1317.770	1318.274	1317.266	G25
G17	906.515	1297.269	1289.259	1289.763	1288.755	G24
V18	956.049	1268.758	1260.740	1261.252	1260.245	V23
L19	1027.591	1219.244	1217.243	1211.718	1210.710	L22
P20	1061.118	1192.662	1184.652	1185.156	1184.160	P21
N21	1118.139	1114.155	1106.146	1106.650	1105.642	N20
I22	1174.681	1057.134	1049.124	1049.628	1048.621	I19
Q23	1238.710	1000.592	992.582	993.086	992.079	Q18
A24	1274.229	936.563	928.553	929.057	928.049	A17
V25	1323.763	891.044	893.035	893.539	892.531	V16
L26	1380.395	851.510	843.500	844.004	843.000	L15
L27	1436.947	794.968	786.958	787.462	786.454	L14
P28	1485.374	738.426	730.416	730.920	729.912	P13
K29	1549.421	699.899	681.890	682.394	681.389	K12
K30	1613.468	625.852	617.842	618.346	617.339	K11
I31	1663.992	561.304	553.295	554.299	553.291	I10
E32	1728.514	511.381	503.271	503.775	502.767	E9
S33	1772.030	446.759	438.750	439.254	438.246	S8
H34	1840.559	401.243	395.234	395.738	394.730	H7
H35	1909.089	334.714	326.704	327.208	326.200	H6
K36	1973.136	286.184	286.175	286.679	285.671	K5
A37	2008.655	202.139	196.129	196.633	195.624	A4
K38	2072.702	168.618	158.600	159.113	158.105	K3
G39	2101.213	102.571	94.561	95.065	94.057	G2
K40	2165.260	74.060	66.051	66.555	65.547	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl}14.02 LLGK ^{Methyl}14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.77
- ▶ F104975.dat
- ▶ query=q2215_p1
- ▶ precursor=619.506230
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D 1	45.025	1444.171	1438.931	0.672	1438.495	D 40
E 2	68.039	1459.570	1400.489	0.672	1400.153	E 39
E 3	113.054	1362.814	1357.473	0.672	1357.139	E 38
L 4	158.748	1319.800	1314.450	0.672	1314.123	L 37
N 5	206.762	1282.105	1276.766	1.277	1276.430	N 36
K 6	254.113	1244.091	1238.751	1239.087	1238.415	K 35
L 7	291.827	1196.721	1191.381	1191.717	1191.045	L 34
L 8	339.522	1159.255	1153.088	1154.552	1153.351	L 33
Q 9	388.529	1121.331	1115.992	1116.258	1115.055	Q 32
K 10	395.899	1102.124	1096.935	1097.321	1096.649	K 31
V 11	438.922	1054.954	1049.614	1049.950	1049.278	V 30
Y 12	482.605	1021.931	1016.592	1016.928	1016.250	Y 29
L 13	500.259	988.249	982.909	983.245	982.573	L 28
A 14	523.979	956.554	945.214	945.550	944.878	A 27
Q 15	566.695	920.875	921.535	921.871	921.199	Q 26
G 16	585.672	884.189	878.849	879.185	878.513	G 25
G 17	604.679	865.182	859.842	860.178	859.500	G 24
V 18	637.702	846.174	840.835	841.171	840.499	V 23
L 19	678.307	823.155	807.812	808.148	807.476	L 22
F 20	707.747	775.457	769.117	770.553	769.161	F 21
N 21	748.762	743.108	737.766	738.102	737.430	N 20
I 22	781.456	705.092	699.752	700.888	699.410	I 19
Q 23	826.143	667.397	662.057	662.393	661.721	Q 18
A 24	849.822	634.711	629.371	630.507	629.035	A 17
V 25	882.844	603.035	595.692	596.028	595.356	V 16
L 26	920.539	568.009	562.669	563.005	562.333	L 15
L 27	958.234	530.314	524.975	525.311	524.639	L 14
F 28	990.505	492.620	487.280	487.616	486.944	F 13
K 29	1033.283	460.269	454.929	455.265	454.593	K 12
K 30	1075.981	427.576	422.236	422.572	421.899	K 11
T 31	1109.664	374.872	369.532	369.868	369.190	T 10
E 32	1152.678	341.188	335.848	336.184	335.514	E 9
S 33	1181.689	298.175	292.835	293.172	292.500	S 8
H 34	1227.375	269.185	263.845	264.181	263.499	H 7
H 35	1273.061	221.478	216.139	216.475	215.803	H 6
K 36	1315.760	177.762	172.423	172.759	172.110	K 5
A 37	1339.439	135.094	129.754	130.090	129.414	A 4
K 38	1382.137	111.415	106.075	106.411	105.739	K 3
G 39	1461.144	68.716	63.377	63.713	63.041	G 2
K 40	1443.843	49.709	44.370	44.705	44.034	K 1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl}14.02 LLGK ^{Methyl}14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=51.77
- ▶ F104975.dat
- ▶ query=q2215_p1
- ▶ precursor=619.506230
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	a=1	a=2	AA
D[1]	34.621	1083.380	1079.375	0.755	1078.121 L[40]
E[2]	66.281	1054.107	1050.618	0.755	1050.368 L[39]
E[3]	98.542	1022.362	1018.358	0.755	1018.108 E[38]
L[4]	126.813	990.102	988.097	0.755	985.845 L[37]
N[5]	155.324	961.831	957.820	958.076	957.574 N[36]
K[6]	190.851	933.320	929.315	929.567	929.063 K[35]
L[7]	219.122	897.792	893.768	894.040	893.536 L[34]
L[8]	247.993	869.521	865.517	865.769	865.260 L[33]
G[9]	261.649	841.250	837.246	837.498	835.994 G[32]
K[10]	297.176	826.995	822.990	823.242	822.738 K[31]
V[11]	321.944	791.467	787.463	787.715	787.211 V[30]
T[12]	347.205	766.700	762.696	762.947	762.444 T[29]
L[13]	375.476	741.438	737.434	737.686	737.182 L[28]
A[14]	399.238	713.167	709.163	709.415	708.911 A[27]
Q[15]	425.290	695.408	691.403	691.655	691.151 Q[26]
G[16]	439.506	663.393	659.389	659.641	659.133 G[25]
G[17]	453.701	649.138	645.133	645.385	644.881 G[24]
V[18]	478.528	634.883	630.878	631.130	630.620 V[23]
L[19]	506.790	610.718	606.111	606.363	605.855 L[22]
P[20]	531.862	581.844	577.840	578.092	577.588 P[21]
N[21]	559.573	557.581	553.577	553.829	553.325 N[20]
I[22]	587.844	529.071	525.066	525.318	524.814 I[19]
Q[23]	619.859	500.800	496.795	497.047	496.543 Q[18]
A[24]	637.618	488.785	484.780	485.032	484.528 A[17]
V[25]	662.385	451.020	447.021	447.273	446.769 V[16]
L[26]	690.656	426.759	422.754	422.998	422.500 L[15]
L[27]	718.927	397.988	393.983	394.235	393.731 L[14]
P[28]	743.190	369.718	365.712	365.964	365.465 P[13]
K[29]	775.214	345.453	341.449	341.701	341.197 K[12]
K[30]	807.238	313.430	309.425	309.677	309.173 K[11]
T[31]	832.500	281.408	277.401	277.653	277.148 T[10]
E[32]	864.760	259.144	254.139	254.391	253.888 E[9]
S[33]	886.518	223.883	219.879	220.131	219.627 S[8]
H[34]	920.783	202.125	198.121	198.373	197.869 H[7]
H[35]	955.048	167.861	163.856	164.108	163.604 H[6]
K[36]	987.072	133.590	129.591	129.843	129.339 K[5]
A[37]	1004.831	101.373	97.367	97.619	97.115 A[4]
K[38]	1026.858	83.811	79.808	80.060	79.556 K[3]
G[39]	1051.110	51.789	47.784	48.036	47.532 G[2]
K[40]	1083.134	37.534	33.529	33.781	33.277 K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl} 14.02 LLGK ^{Methyl} 14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=51.77
- ▶ F104975.dat
- ▶ query=q2215_p1
- ▶ precursor=619.506230
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
D	1	27.418	866.905	863.702	0.806	863.900	D	40
E	2	83.226	843.900	840.696	0.806	840.495	E	39
E	3	79.035	818.913	814.888	0.806	814.286	E	38
L	4	101.052	792.283	789.070	0.806	788.878	L	37
N	5	124.460	769.665	766.452	766.664	766.261	N	36
K	6	152.883	746.857	743.654	743.855	743.452	K	35
L	7	175.499	718.435	715.232	715.433	715.030	L	34
L	8	198.116	695.619	692.615	692.816	692.413	L	33
G	9	209.520	673.202	669.998	670.200	669.796	G	32
K	10	237.943	661.797	658.594	658.795	658.392	K	31
V	11	257.756	633.375	630.172	630.373	629.970	V	30
I	12	277.966	613.962	610.358	610.559	610.156	I	29
I	13	300.583	593.352	590.148	590.350	589.947	I	28
A	14	314.790	570.735	567.532	567.733	567.330	A	27
Q	15	340.402	556.528	553.324	551.526	553.123	Q	26
G	16	351.806	530.916	527.712	527.914	527.511	G	25
G	17	363.210	519.512	516.308	516.510	516.107	G	24
V	18	383.024	508.108	504.904	505.105	504.702	V	23
L	19	405.641	488.294	485.090	485.292	484.889	L	22
P	20	425.051	468.677	465.473	465.675	465.272	P	21
N	21	447.880	448.266	443.063	443.264	442.861	N	20
L	22	470.477	423.458	420.254	420.456	420.053	L	19
Q	23	496.088	400.841	397.637	397.839	397.436	Q	18
A	24	510.296	375.228	372.026	372.227	371.824	A	17
V	25	530.110	361.022	357.818	358.020	357.617	V	16
L	26	552.726	341.208	338.005	338.206	337.803	L	15
L	27	575.343	318.591	315.388	315.589	315.186	L	14
P	28	594.754	295.975	292.771	292.972	292.569	P	13
K	29	630.373	276.564	273.360	273.562	273.159	K	12
K	30	645.592	250.945	247.741	247.943	247.540	K	11
I	31	669.204	229.326	226.122	226.324	225.921	I	10
E	32	692.010	205.117	201.913	202.114	201.711	E	9
S	33	709.416	179.308	176.104	176.306	175.903	S	8
H	34	736.828	161.902	158.698	158.899	158.496	H	7
H	35	764.240	134.490	131.286	131.488	131.085	H	6
K	36	789.859	107.078	103.874	104.076	103.673	K	5
A	37	804.066	81.459	78.255	78.457	78.054	A	4
K	38	829.685	67.252	64.048	64.249	63.846	K	3
G	39	841.089	41.633	38.429	38.630	38.227	G	2
K	40	869.706	30.228	27.023	27.226	26.823	K	1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Methyl}14.02 LLGK ^{Methyl}14.02 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=51.77
- ▶ F104975.dat
- ▶ query=q2215_p1
- ▶ precursor=619.506230
- ▶ chargePrecursor=7
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	23.016	722.589	719.919	0.839	719.751	D[40]
E[2]	44.523	703.131	700.740	0.839	700.580	E[39]
E[3]	68.030	681.911	679.247	0.839	679.073	E[38]
L[4]	84.378	600.424	657.734	0.839	657.566	L[37]
N[5]	103.585	641.556	638.856	639.034	638.718	N[36]
K[6]	127.570	622.949	619.879	620.047	619.711	K[35]
L[7]	146.417	598.864	596.194	596.362	596.026	L[34]
L[8]	166.265	580.071	577.347	577.515	577.179	L[33]
G[9]	174.768	561.169	558.500	558.667	558.332	G[32]
K[10]	198.453	551.666	548.996	549.164	548.828	K[31]
V[11]	214.965	527.981	525.311	525.479	525.143	V[30]
I[12]	233.806	511.469	508.799	508.967	508.631	I[29]
I[13]	250.053	494.629	491.959	492.126	491.790	I[28]
A[14]	262.493	475.781	473.111	473.279	472.943	A[27]
Q[15]	283.836	463.941	461.271	461.439	461.103	Q[26]
G[16]	293.340	442.598	439.928	440.096	439.760	G[25]
G[17]	302.843	433.094	430.425	430.593	430.257	G[24]
V[18]	319.355	423.591	420.921	421.089	420.753	V[23]
L[19]	338.202	407.079	404.410	404.578	404.242	L[22]
P[20]	354.377	388.232	385.562	385.730	385.394	P[21]
N[21]	373.385	372.091	369.387	369.555	369.219	N[20]
L[22]	382.232	353.049	350.360	350.548	350.212	L[19]
Q[23]	413.575	334.202	331.532	331.700	331.364	Q[18]
A[24]	425.414	312.858	310.189	310.357	310.021	A[17]
V[25]	441.926	301.020	298.350	298.518	298.182	V[16]
L[26]	460.773	284.508	281.838	282.006	281.670	L[15]
L[27]	479.621	265.661	262.991	263.159	262.823	L[14]
P[28]	495.796	246.813	244.144	244.312	243.976	P[13]
K[29]	517.145	230.638	227.968	228.136	227.800	K[12]
K[30]	538.494	209.289	206.619	206.787	206.451	K[11]
I[31]	558.236	187.940	185.270	185.438	185.102	I[10]
E[32]	576.843	171.059	168.429	168.597	168.261	E[9]
S[33]	591.348	149.591	146.921	147.089	146.753	S[8]
H[34]	614.191	135.086	132.416	132.584	132.248	H[7]
H[35]	637.034	112.243	109.573	109.741	109.405	H[6]
K[36]	658.384	89.400	86.730	86.898	86.562	K[5]
A[37]	670.223	68.050	65.381	65.549	65.213	A[4]
K[38]	691.572	56.211	53.541	53.709	53.373	K[3]
G[39]	701.076	34.862	32.192	32.360	32.024	G[2]
K[40]	722.425	25.358	22.688	22.856	22.520	K[1]

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.02
- ▶ F105044.dat
- ▶ query=q1872_p1
- ▶ precursor=784.084860
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I [1]	131.118	2850.240	2334.221	0.000	2333.214	I[21]
A [2]	202.155	3237.150	2221.137	0.000	2220.130	A[20]
Q [3]	330.214	2166.110	2150.100	2151.108	2149.092	Q[19]
D [4]	445.241	3038.060	3022.042	3023.040	3021.034	D[18]
F [5]	592.309	1923.033	1907.015	1908.023	1905.007	F[17]
K [6]	748.435	1775.965	1759.946	1760.954	1758.938	K[16]
T [7]	849.483	1619.839	1603.820	1604.828	1602.812	T[15]
D [8]	964.510	1518.791	1502.772	1503.780	1501.765	D[14]
L [9]	1077.594	1401.764	1387.745	1388.753	1386.735	L[13]
R [10]	1213.695	1290.680	1274.661	1275.669	1273.654	R[12]
F [11]	1580.763	1134.570	1118.550	1119.558	1117.552	F[11]
Q [12]	1508.822	987.511	971.492	972.500	970.484	Q[10]
S [13]	1595.854	859.452	843.433	844.441	842.425	S[0]
A [14]	1666.891	772.420	756.401	757.409	755.393	A[8]
A [15]	1737.928	701.383	685.364	686.372	684.356	A[7]
T [16]	1813.012	630.345	614.327	615.335	613.319	T[6]
Q [17]	1908.034	517.302	501.283	502.291	500.275	Q[5]
A [18]	1979.071	460.240	444.221	445.229	443.214	A[4]
L [19]	2062.155	389.203	373.184	374.192	372.177	L[3]
Q [20]	2220.214	276.110	260.100	261.108	259.092	Q[2]
E [21]	2349.256	148.060	132.042	133.050	131.034	E[1]

sp | P84244 | H33_MOUSE

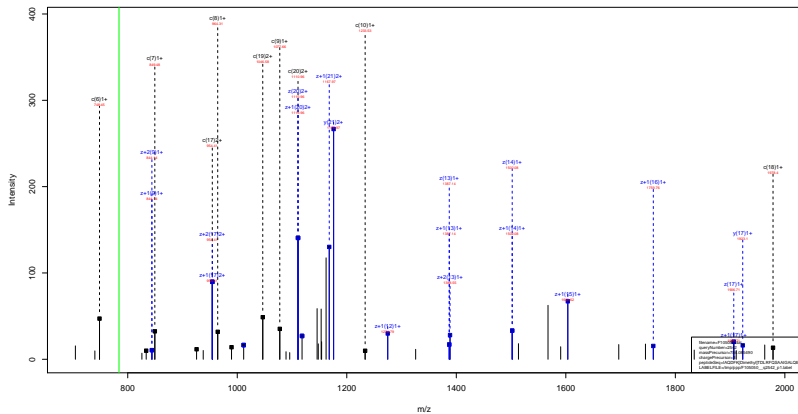
IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.02
- ▶ F105044.dat
- ▶ query=q1872.p1
- ▶ precursor=784.084860
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
I	1	66.093	1175.624	1167.614	0.504	1167.110	I(1)
A	2	101.551	1119.062	1111.072	0.504	1110.568	A(2)
Q	3	165.610	1083.563	1075.554	1076.058	1075.050	Q(3)
D	4	223.224	1049.539	1011.524	1012.028	1011.021	D(4)
F	5	295.658	992.020	954.011	954.515	953.507	F(5)
K	6	374.721	888.486	880.477	880.981	879.973	K(6)
T	7	425.245	810.423	802.414	802.918	801.910	T(7)
D	8	482.759	759.899	751.890	752.394	751.386	D(8)
L	9	539.301	702.386	694.376	694.880	693.872	L(9)
R	10	617.353	646.844	637.834	638.338	637.330	R(10)
F	11	690.595	597.792	559.784	560.288	559.280	F(11)
Q	12	754.915	494.259	486.250	486.753	485.745	Q(12)
S	13	798.431	430.230	422.220	422.724	421.716	S(13)
A	14	833.949	396.714	378.704	379.208	378.200	A(14)
A	15	899.908	351.195	343.186	343.690	342.682	A(15)
I	16	926.010	315.676	307.667	308.171	307.163	I(16)
G	17	954.521	280.154	251.125	251.629	250.621	G(17)
A	18	990.039	230.634	222.614	223.118	222.110	A(18)
L	19	1046.581	195.105	187.096	187.600	186.592	L(19)
Q	20	1110.610	138.563	130.554	131.058	130.050	Q(20)
E	21	1175.132	74.534	66.524	67.028	66.021	E(21)

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl}TDLRFQSAIGALQE
28.03



sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.66
- ▶ F105050.dat
- ▶ query=q2542_p1
- ▶ precursor=784.085490
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I 1	151.118	2505.248	2194.231	0.000	2133.214	Q 21
A 2	202.155	2237.156	2221.137	0.000	2220.130	A 20
Q 3	330.214	2166.119	2150.100	2151.108	2149.092	Q 19
D 4	445.241	2138.065	2022.042	2023.049	2021.033	D 18
F 5	592.309	1923.033	1907.015	1908.023	1906.007	F 17
K 6	748.435	1775.965	1759.946	1760.954	1758.938	K 16
T 7	849.483	1618.836	1603.820	1604.828	1602.811	T 15
D 8	964.510	1518.791	1502.772	1503.780	1501.765	D 14
L 9	1077.594	1403.764	1387.745	1388.753	1386.738	L 13
R 10	1233.695	1290.690	1274.661	1275.669	1273.654	R 12
F 11	1358.753	1184.579	1118.560	1119.568	1117.552	F 11
Q 12	1508.822	987.511	971.490	972.500	970.484	Q 10
S 13	1595.854	859.452	843.433	844.441	842.425	S 0
A 14	1666.891	722.420	706.401	707.409	705.393	A 0
A 15	1737.928	593.383	585.368	586.372	584.356	A 0
I 16	1853.012	430.346	424.327	425.336	423.319	I 0
G 17	1908.034	317.282	301.243	302.251	300.235	G 0
A 18	1979.071	460.240	444.221	445.229	443.214	A 0
L 19	2092.155	389.203	373.184	374.192	372.177	L 0
Q 20	2220.214	276.119	260.100	261.108	259.092	Q 0
E 21	2349.256	148.060	132.042	133.050	131.034	E 0

sp | P84244 | H33_MOUSE

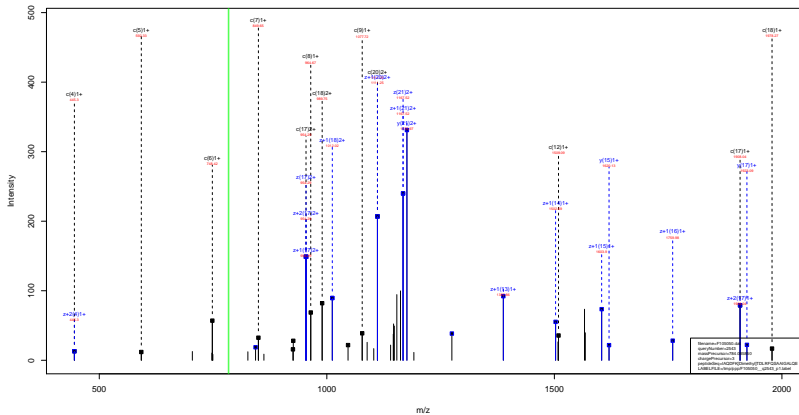
IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.66
- ▶ F105050.dat
- ▶ query=q2542.p1
- ▶ precursor=784.085490
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1175.624	1167.614	0.504	1167.110	Q[1]
A [2]	101.501	1119.082	1111.072	0.504	1110.568	A[20]
Q [3]	165.610	1083.563	1075.554	1076.058	1075.050	Q[19]
D [4]	223.224	1049.538	1011.534	1012.028	1011.021	Q[10]
F [5]	290.658	982.020	954.011	954.515	953.509	F[17]
K [6]	374.721	888.486	880.477	880.981	879.973	K[10]
T [7]	425.245	810.423	802.414	802.918	801.910	T[15]
D [8]	482.759	759.899	751.890	752.394	751.386	D[14]
L [9]	539.301	702.366	694.376	694.880	693.872	L[13]
R[10]	617.363	646.844	637.833	638.338	637.330	R[12]
F[11]	690.595	597.793	589.784	590.288	589.280	F[11]
Q[12]	754.915	494.259	486.250	486.753	485.745	Q[10]
S[13]	768.431	430.230	422.220	422.724	421.716	S[0]
A[14]	833.949	396.714	378.704	379.208	378.200	A[0]
A[15]	899.968	351.195	343.188	343.690	342.682	A[7]
I[16]	926.010	315.676	307.667	308.171	307.163	I[6]
G[17]	954.521	269.134	251.126	251.629	250.621	G[6]
A[18]	990.039	230.624	222.614	223.118	222.110	A[4]
L[19]	1046.581	195.105	187.096	187.600	186.592	L[3]
Q[20]	1110.610	138.563	130.554	131.058	130.050	Q[2]
E[21]	1175.132	74.534	66.524	67.028	66.021	E[1]

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAIGALQE
28.03



sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.09
- ▶ F105050.dat
- ▶ query=q2543_p1
- ▶ precursor=784.085850
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
F 1	191.118	2950.240	2334.221	0.000	2333.214	F 21
A 2	202.155	2237.156	2221.117	0.000	2220.130	A 20
Q 3	137.214	2166.119	2150.100	2151.108	2149.062	Q 19
D 4	445.241	2038.959	2022.893	2023.949	2021.936	D 18
F 5	502.309	1923.033	1907.915	1908.023	1906.007	F 17
K 6	748.435	1775.905	1759.946	1760.954	1758.938	K 16
T 7	849.483	1619.839	1603.820	1604.828	1602.812	T 15
D 8	964.510	1518.791	1502.772	1503.780	1501.765	D 14
L 9	1077.594	1401.704	1387.745	1388.753	1386.736	L 13
R 10	1213.699	1290.680	1274.661	1275.669	1273.654	R 12
F 11	1380.763	1134.579	1118.500	1119.508	1117.552	F 11
Q 12	1508.822	987.511	971.492	972.500	970.484	Q 10
S 13	1595.854	859.452	843.433	844.441	842.425	S 9
A 14	1666.891	722.420	706.401	707.409	705.391	A 8
A 15	1737.928	701.383	685.364	686.372	684.356	A 7
I 16	1851.012	630.340	614.321	615.329	613.311	I 6
G 17	1908.034	517.262	501.243	502.251	500.235	G 5
A 18	1979.071	460.240	444.221	445.229	443.214	A 4
L 19	2092.155	389.207	373.188	374.192	372.177	L 3
Q 20	2220.214	276.119	260.100	261.108	259.092	Q 2
E 21	2349.256	148.060	132.042	133.050	131.034	E 1

sp | P84244 | H33_MOUSE

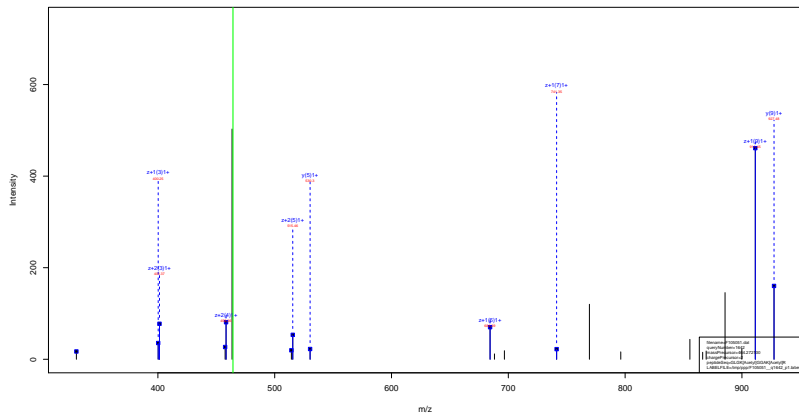
IAQDFK^{Dimethyl} TDLRFQSAIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.09
- ▶ F105050.dat
- ▶ query=q2543.p1
- ▶ precursor=784.085850
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1175.624	1167.614	0.504	1167.110	[21]
A [2]	101.561	1119.062	1111.072	0.504	1110.568	A[20]
Q [3]	165.610	1083.563	1075.554	1076.058	1075.050	Q[19]
D [4]	223.124	1049.539	1011.534	1012.028	1013.021	D[18]
F [5]	290.658	989.020	954.011	954.515	953.507	F[17]
K [6]	374.721	888.486	880.477	880.981	879.973	K[16]
T [7]	425.245	810.423	802.414	802.918	801.910	T[15]
D [8]	482.759	759.899	751.890	752.394	751.386	D[14]
L [9]	539.301	702.366	694.376	694.880	693.872	L[13]
R [10]	617.363	646.844	637.833	638.338	637.330	R[12]
F [11]	690.595	597.793	559.784	560.288	559.280	F[11]
Q [12]	754.915	494.259	486.250	486.753	485.745	Q[10]
S [13]	798.431	430.230	422.220	422.724	421.716	S[9]
A [14]	833.949	396.714	378.704	379.208	378.200	A[8]
A [15]	899.968	351.195	343.188	343.690	342.682	A[7]
I [16]	926.010	315.676	307.667	308.171	307.163	I[6]
G [17]	954.521	269.134	251.126	251.629	250.621	G[5]
A [18]	990.039	230.624	222.614	223.118	222.110	A[4]
L [19]	1046.581	195.105	187.096	187.600	186.592	L[3]
Q [20]	1110.610	138.563	130.554	131.058	130.050	Q[2]
E [21]	1175.132	74.834	68.824	67.828	68.821	E[1]

sp | P62806 | H4_MOUSE

GLGK ^{Acetyl} GGAK ^{Acetyl} R
42.01 42.01



sp | P62806 | H4_MOUSE

GLGK_{Acetyl} GGAK_{Acetyl} R
42.01 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.69
- ▶ F105051.dat
- ▶ query=q1642_p1
- ▶ precursor=464.272100
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	927.537	911.518	0.000	910.510	G[9]
L[2]	188.139	870.316	551.497	0.000	353.489	L[8]
G[3]	245.161	737.832	741.413	0.000	740.405	G[7]
K[4]	415.266	700.410	684.391	695.399	583.384	K[6]
G[5]	472.288	530.305	514.286	515.294	513.278	G[5]
G[6]	529.309	473.283	457.264	458.272	456.257	G[4]
A[7]	600.346	416.262	400.243	401.251	399.235	A[3]
K[8]	770.452	345.224	329.206	330.214	328.198	K[2]
R[9]	936.553	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

GLGK_{Acetyl}_{42.01} GGAK_{Acetyl}_{42.01}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.79
- ▶ F105051.dat
- ▶ query=q1643.p1
- ▶ precursor=464.272160
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	927.537	911.518	0.000	910.510	G[9]
L[2]	188.139	870.516	854.497	0.000	853.489	L[8]
G[3]	283.164	737.432	741.413	0.000	740.405	G[7]
K[4]	415.266	700.410	684.391	685.399	683.384	K[6]
G[5]	472.288	530.305	514.286	515.294	513.278	G[5]
L[6]	529.309	473.283	457.264	458.272	456.257	L[4]
A[7]	600.346	416.262	400.243	401.251	399.235	A[3]
R[8]	770.452	345.224	329.206	330.214	328.198	R[2]
R[9]	926.553	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

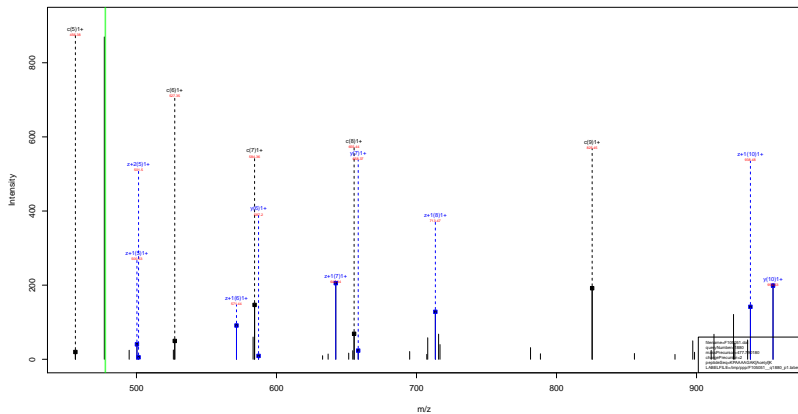
GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl R

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.23
- ▶ F105051.dat
- ▶ query=q1644.p1
- ▶ precursor=464.272210
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	927.537	911.518	0.000	910.510	G[9]
L[2]	188.139	870.515	854.497	0.000	853.489	L[8]
G[3]	283.164	757.432	741.413	0.000	740.405	G[7]
K[4]	415.266	700.410	684.391	685.390	683.384	K[6]
G[5]	472.288	530.305	514.286	515.294	513.278	G[5]
L[6]	529.309	473.283	457.264	458.272	456.257	L[4]
A[7]	600.346	416.262	400.243	401.251	399.235	A[3]
R[8]	770.482	345.224	329.206	330.214	328.198	R[2]
R[9]	926.553	175.119	159.100	160.108	158.092	R[1]

sp | P43277 | H13_MOUSE

KPAAAAGAK ^{Acetyl} K
42.01



sp | P43277 | H13_MOUSE

KPAAAAGAK ^{Acetyl} K
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.99
- ▶ F105051.dat
- ▶ query=q1880_p1
- ▶ precursor=477.790180
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K	146.129	954.573	938.554	939.562	937.547	K
P	243.182	826.478	810.459	811.467	809.452	P
A	314.219	729.425	713.407	714.414	712.399	A
A	385.256	658.388	642.370	643.377	641.362	A
A	456.293	587.351	571.332	572.340	570.325	A
A	527.330	516.314	500.295	501.303	499.287	A
G	584.351	445.277	429.258	430.266	428.250	G
A	655.389	388.255	372.237	373.245	371.229	A
K	825.494	117.213	361.200	362.207	360.192	K
K	953.589	147.113	131.094	132.102	130.086	K

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} STGGK^{Acetyl}_{42.01} APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.20
- ▶ F105051.dat
- ▶ query=q2026_p1
- ▶ precursor=324.526020
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K	174.160	971.563	955.545	956.552	954.537	K
S	261.192	815.437	799.418	800.426	798.410	S
T	362.240	728.405	712.386	713.394	711.378	T
G	419.261	627.357	611.339	612.346	610.331	G
G	476.283	570.336	554.317	555.325	553.309	G
K	646.388	513.314	497.296	498.303	496.288	K
A	717.425	343.209	327.190	328.198	326.182	A
P	814.478	272.172	256.153	257.161	255.145	P
R	970.579	175.119	159.100	160.108	158.092	R

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} STGGK^{Acetyl}_{42.01} APR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.20
- ▶ F105051.dat
- ▶ query=q2026_p1
- ▶ precursor=324.526020
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA		
K	1	87.584	486.285	478.276	478.780	477.772	K	9
S	2	131.100	408.222	400.213	400.717	399.709	S	8
T	3	181.824	384.706	356.697	357.201	356.193	T	7
G	4	210.134	314.182	306.173	306.677	305.669	G	6
G	5	238.645	285.672	277.662	278.166	277.158	G	5
K	6	323.698	257.161	249.151	249.655	248.648	K	4
A	7	359.216	172.108	164.099	164.603	163.595	A	3
P	8	407.743	136.589	128.580	129.084	128.076	P	2
R	9	485.793	88.063	80.054	80.558	79.550	R	1

sp | P68433 | H31_MOUSE

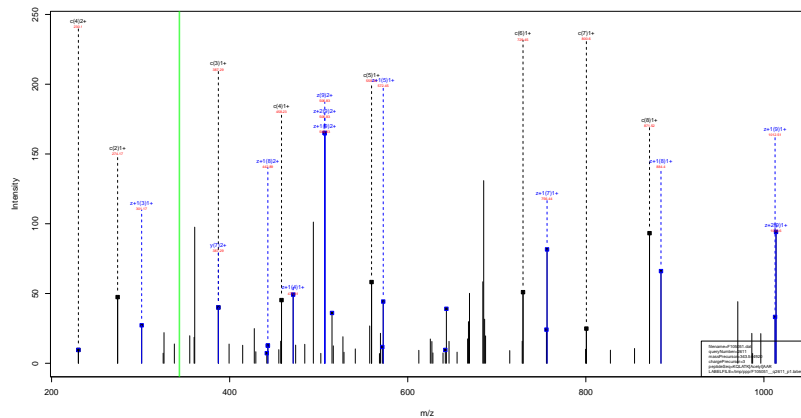
K^{Acetyl} 42.01 STGGK^{Acetyl} 42.01 APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.60
- ▶ F105051.dat
- ▶ query=q2157.p1
- ▶ precursor=493.274470
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	1	188.139	985.543	969.524	970.532	968.516	K 9
S	2	275.171	815.437	799.418	800.426	798.410	S 8
T	3	318.219	728.403	712.386	713.394	711.378	T 7
G	4	433.241	627.357	611.339	612.346	610.331	G 6
G	5	490.262	570.336	554.317	555.325	553.309	G 5
K	6	660.368	513.314	497.296	498.303	496.288	K 4
A	7	731.405	343.209	327.190	328.198	326.182	A 3
P	8	828.457	272.172	256.153	257.161	255.145	P 2
R	9	984.559	175.119	159.100	160.108	158.092	R 1

sp | P68433 | H31_MOUSE

KQLATK ^{Acetyl}AAR
42.01



sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.51
- ▶ F105051.dat
- ▶ query=q2611.p1
- ▶ precursor=343.544920
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K	140.129	1028.621	1012.602	1013.610	1011.598	K[9]
Q	274.197	900.520	884.567	885.515	883.503	Q[8]
L	387.271	772.468	756.449	757.497	755.441	L[7]
A	458.308	659.384	643.365	644.373	642.357	A[6]
T	559.356	588.340	572.328	573.335	571.320	T[5]
K	729.462	487.299	471.280	472.288	470.273	K[4]
A	800.499	317.193	301.174	302.182	300.167	A[3]
A	871.536	246.156	230.137	231.145	229.130	A[2]
R	1027.637	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.51
- ▶ F105051.dat
- ▶ query=q2611_p1
- ▶ precursor=343.544920
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	1	73.568	514.814	506.805	507.309	506.301	K[0]
Q	2	137.597	450.767	442.757	443.261	442.253	Q[0]
L	3	194.130	386.737	376.728	379.232	376.223	L[1]
A	4	229.658	330.195	322.186	322.690	321.682	A[6]
T	5	280.182	294.677	286.667	287.171	286.164	T[5]
K	6	365.235	244.153	236.144	236.648	235.640	K[4]
A	7	400.763	199.100	191.091	191.595	190.587	A[3]
A	8	436.272	123.582	115.572	116.076	115.068	A[2]
R	9	514.322	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.12
- ▶ F105051.dat
- ▶ query=q2616_p1
- ▶ precursor=343.545680
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	1	146.129	1028.621	1012.602	1013.610	1011.595	K[0]
Q	2	274.187	900.526	884.507	885.515	883.500	Q[0]
L	3	387.271	772.468	756.449	757.457	755.441	L[0]
A	4	458.309	659.384	643.365	644.373	642.357	A[0]
T	5	559.356	588.345	572.328	573.335	571.320	T[0]
K	6	729.462	487.299	471.280	472.288	470.272	K[0]
A	7	800.499	317.193	301.174	302.182	300.167	A[0]
A	8	871.536	246.156	230.137	231.145	229.130	A[0]
R	9	1027.637	175.119	159.100	160.108	158.092	R[0]

sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.12
- ▶ F105051.dat
- ▶ query=q2616_p1
- ▶ precursor=343.545680
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA		
K	1	73.568	514.814	506.805	507.309	906.301	K	9
Q	2	137.597	450.767	442.757	443.261	442.253	Q	8
L	3	194.330	386.737	373.728	379.232	378.224	L	7
A	4	229.658	330.196	322.186	322.690	321.682	A	6
T	5	280.182	294.677	286.667	287.171	286.164	T	5
K	6	365.235	244.153	236.144	236.648	235.640	K	4
A	7	400.783	199.100	191.091	191.595	190.587	A	3
A	8	436.272	123.582	115.572	116.076	115.068	A	2
R	9	514.322	88.063	80.054	80.558	79.550	R	1

sp | P62806 | H4_MOUSE

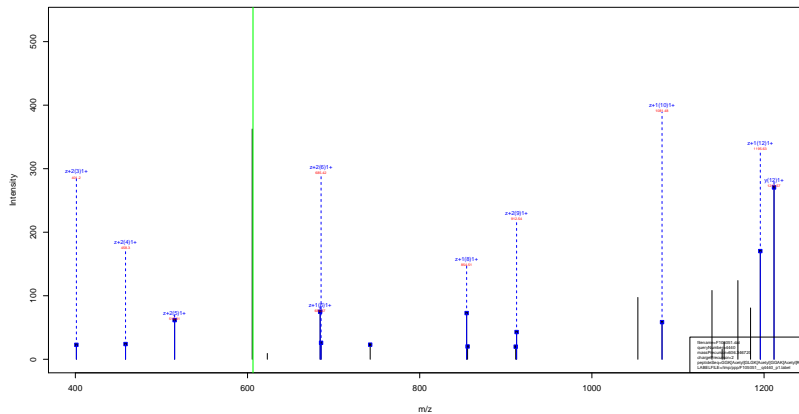
GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} R

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.22
- ▶ F105051.dat
- ▶ query=q4439_p1
- ▶ precursor=606.345940
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA		
G	1	75.055	1211.685	1195.667	0.000	1194.699	G	12
G	2	132.077	1154.969	1139.955	0.990	1137.957	G	11
K	3	302.182	1097.643	1081.624	1082.632	1080.618	K	10
G	4	350.204	927.537	911.518	912.526	910.510	G	9
L	5	472.288	870.516	854.497	855.505	853.489	L	8
G	6	520.309	757.432	741.413	742.421	740.405	G	7
K	7	660.415	700.410	684.391	685.399	683.384	K	6
G	8	758.438	530.305	514.286	515.294	513.278	G	5
G	9	813.460	473.293	497.284	488.272	486.261	G	4
A	10	884.490	416.262	400.243	401.251	399.235	A	3
K	11	1054.600	345.224	329.206	330.214	328.198	K	2
R	12	1210.701	175.119	159.100	160.108	158.092	R	1

sp | P62806 | H4_MOUSE

GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} R



sp | P62806 | H4_MOUSE

GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} R

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=73.04
- ▶ F105051.dat
- ▶ query=q4440_p1
- ▶ precursor=606.346720
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA		
G	1	75.055	1211.685	1195.667	0.000	1194.699	G	12
G	2	132.077	1154.969	1139.955	0.990	1137.957	G	11
K	3	302.182	1097.643	1081.624	1082.632	1080.618	K	10
G	4	350.204	927.537	911.518	912.526	910.510	G	9
L	5	472.288	870.516	854.497	855.505	853.489	L	8
G	6	520.309	757.432	741.413	742.421	740.405	G	7
K	7	690.415	700.410	684.391	685.399	683.384	K	6
G	8	758.438	530.305	514.286	515.294	513.278	G	5
G	9	813.458	473.281	457.264	458.272	456.256	G	4
A	10	884.495	416.262	400.243	401.251	399.235	A	3
K	11	1054.600	345.224	329.206	320.214	328.198	K	2
R	12	1210.701	175.119	159.100	160.108	158.092	R	1

sp | Q3THW5 | H2AV_MOUSE

AGGK_{42.01} Acetyl AGK_{42.01} Acetyl DSGK_{42.01} Acetyl AK_{42.01}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.12
- ▶ F105051.dat
- ▶ query=q5415.p1
- ▶ precursor=650.847140
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	a+1	a+2	a	AA
A[1]	59.071	1300.686	1294.667	0.000	1283.659	A[13]
G[2]	146.092	1229.648	1213.630	0.000	1212.622	G[12]
G[3]	203.114	1172.627	1156.608	0.000	1155.600	G[11]
R[4]	373.219	1115.606	1099.587	1100.595	1098.579	R[10]
A[5]	444.257	948.500	929.481	930.489	928.473	A[9]
G[6]	501.278	874.463	858.445	859.452	857.436	G[8]
R[7]	671.334	817.441	801.423	802.431	800.415	R[7]
D[8]	786.410	647.389	631.371	632.325	630.309	D[6]
S[9]	873.442	532.309	516.290	517.298	515.282	S[5]
G[10]	930.464	445.277	429.258	430.266	428.250	G[4]
R[11]	1180.569	388.295	372.277	373.245	371.229	R[15]
A[12]	1171.607	218.150	202.131	203.139	201.123	A[2]
R[13]	1299.702	147.113	131.094	132.102	130.086	R[1]

sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.75
- ▶ F105051.dat
- ▶ query=q5776.p1
- ▶ precursor=672.343890
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
T[1]	181.092	1343.680	1327.661	0.000	1326.054	T[13]
E[2]	290.135	1200.022	1184.603	0.000	1183.595	E[12]
N[3]	404.178	1071.579	1055.561	1056.568	1054.551	N[11]
S[4]	491.210	957.530	941.518	942.525	940.510	S[10]
T[5]	592.257	819.504	854.486	855.493	853.478	T[9]
S[6]	679.289	709.457	713.438	714.446	712.430	S[8]
A[7]	756.326	682.425	660.406	667.414	665.397	A[7]
P[8]	847.379	611.388	596.369	596.377	594.361	P[6]
A[9]	918.416	514.335	498.316	499.324	497.308	A[5]
A[10]	989.451	443.290	427.279	428.287	426.271	A[4]
K[11]	1117.548	312.261	356.242	357.250	355.234	K[3]
P[12]	1214.601	244.166	229.147	229.155	227.139	P[2]
K[13]	1342.696	147.113	131.094	132.102	130.086	K[1]

sp | P10922 | H10_MOUSE

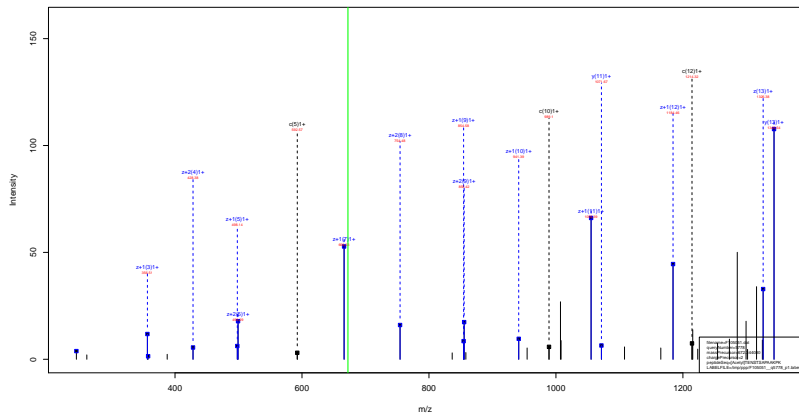
[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.87
- ▶ F105051.dat
- ▶ query=q5777.p1
- ▶ precursor=672.343950
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
T[1]	161.092	1343.080	1327.661	0.000	1326.054	T[13]
E[2]	290.135	1200.622	1184.603	0.000	1183.595	E[12]
N[3]	404.178	1071.570	1055.561	1056.568	1054.553	N[11]
S[4]	491.210	957.530	941.518	942.525	940.510	S[10]
I[5]	592.257	870.504	854.486	855.493	853.478	I[9]
S[6]	679.289	789.451	753.430	754.446	752.430	S[8]
A[7]	750.326	682.425	666.406	667.414	665.399	A[7]
P[8]	847.379	611.389	595.369	596.377	594.361	P[6]
A[9]	918.416	514.335	498.316	499.324	497.308	A[5]
A[10]	989.453	443.290	427.279	428.287	426.271	A[4]
K[11]	1117.548	372.263	356.242	357.250	355.234	K[3]
P[12]	1214.601	244.169	228.147	229.155	227.139	P[5]
K[13]	1342.696	147.113	131.094	132.102	130.086	K[1]

sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPK



sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.52
- ▶ F105051.dat
- ▶ query=q5778.p1
- ▶ precursor=672.344080
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA	
T	1	181.092	1343.680	1327.861	0.000	1326.054	T	13
E	2	290.135	1200.622	1184.603	0.000	1183.595	E	12
N	3	404.178	1071.579	1055.561	1056.568	1054.551	N	11
S	4	491.210	957.530	941.518	942.525	940.510	S	10
T	5	992.257	810.504	854.486	855.493	853.476	T	9
S	6	819.499	709.451	711.433	734.446	752.430	S	8
A	7	750.526	682.425	666.406	667.414	665.397	A	7
P	8	847.379	611.388	595.309	596.317	594.301	P	6
A	9	918.416	514.335	498.316	499.324	497.308	A	5
A	10	989.453	443.290	427.279	428.287	426.271	A	4
K	11	1117.548	322.263	356.242	357.250	355.234	K	3
F	12	1214.601	244.166	228.147	229.155	227.139	F	2
K	13	1342.696	147.113	131.094	132.102	130.086	K	1

sp | P10922 | H10_MOUSE

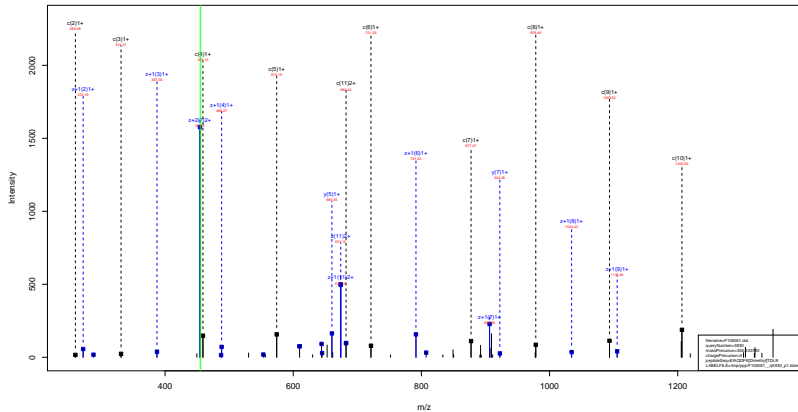
[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.06
- ▶ F105051.dat
- ▶ query=q5780.p1
- ▶ precursor=672.344780
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
T[1]	181.092	1343.680	1327.861	0.000	1326.054	T[13]
E[2]	290.135	1200.622	1184.603	0.000	1183.595	E[12]
N[3]	404.178	1071.579	1055.561	1056.568	1054.551	N[11]
S[4]	491.210	957.530	941.518	942.525	940.510	S[10]
T[5]	592.257	819.504	854.486	855.493	853.478	T[9]
S[6]	679.289	709.451	751.432	754.448	752.430	S[8]
A[7]	756.326	682.425	666.406	667.414	665.397	A[7]
P[8]	847.379	611.388	595.369	596.377	594.361	P[6]
A[9]	918.416	514.335	498.316	499.324	497.308	A[5]
A[10]	989.453	443.290	427.279	428.287	426.271	A[4]
K[11]	1117.548	312.281	356.242	357.250	355.234	K[3]
F[12]	1214.601	244.165	228.147	229.155	227.139	F[2]
K[13]	1342.696	147.113	131.094	132.102	130.086	K[1]

sp | P68433 | H31_MOUSE

EIAQDFK ^{Dimethyl} TDLR
28.03



sp | P68433 | H31_MOUSE

EIAQDFK^{Dimethyl}_{28.03} TDLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.41
- ▶ F105051.dat
- ▶ query=q5930.p1
- ▶ precursor=455.243780
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
E [1]	147.076	1363.722	1347.703	0.000	1346.695	E [11]
I [2]	260.160	1234.679	1218.660	0.000	1217.652	I [10]
A [3]	331.198	1121.595	1105.576	0.000	1104.568	A [9]
Q [4]	459.256	1009.538	1034.539	1030.547	1033.531	Q [8]
D [5]	574.283	822.499	906.481	897.488	909.471	D [7]
F [6]	721.352	807.472	791.454	792.461	790.446	F [6]
K [7]	877.478	660.404	644.385	645.393	643.377	K [5]
T [8]	978.525	504.278	488.259	489.267	487.251	T [4]
D [9]	1093.552	403.230	387.211	388.219	389.203	D [3]
L [10]	1206.636	288.203	272.184	273.192	271.176	L [2]
R [11]	1362.738	175.110	159.100	160.108	158.092	R [1]

sp | P68433 | H31_MOUSE

EIAQDFK^{Dimethyl} TDLR
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.41
- ▶ F105051.dat
- ▶ query=q5930.p1
- ▶ precursor=455.243780
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
E [1]	74.042	682.364	674.355	0.504	673.851	E[11]
T [2]	130.584	617.843	609.834	0.504	609.330	T[10]
A [3]	166.102	561.301	553.292	0.504	552.788	A[9]
Q [4]	230.132	325.783	317.773	313.277	317.269	Q[8]
D [5]	287.648	461.753	453.744	454.248	453.240	D[7]
F [6]	351.179	404.240	396.230	396.734	395.727	F[6]
K [7]	439.243	330.706	322.696	323.200	322.193	K[5]
T [8]	489.766	252.642	244.633	245.137	244.129	T[4]
D [9]	547.280	202.119	194.109	194.613	193.605	D[3]
L [10]	603.822	144.605	136.595	137.100	136.092	L[2]
R [11]	681.872	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

EIAQDFK^{Dimethyl}_{28.03} TDLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.44
- ▶ F105051.dat
- ▶ query=q5933.p1
- ▶ precursor=455.245230
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
E[1]	147.076	1363.722	1347.703	0.000	1346.695	E[11]
I[2]	260.100	1234.679	1238.660	0.000	1217.652	I[10]
A[3]	331.198	1121.595	1105.576	0.000	1104.568	A[9]
Q[4]	453.256	1050.558	1034.539	1035.547	1033.531	Q[8]
D[5]	574.283	922.499	906.481	907.488	909.471	D[7]
F[6]	721.352	807.472	791.454	792.461	790.446	F[6]
K[7]	877.478	660.404	644.385	645.393	643.377	K[5]
T[8]	978.525	504.278	488.259	489.267	487.251	T[4]
D[9]	1093.552	403.230	387.211	388.219	389.203	D[3]
L[10]	1206.636	288.203	272.184	273.192	271.176	L[2]
R[11]	1362.738	175.110	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

EIAQDFK^{Dimethyl} TDLR
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.44
- ▶ F105051.dat
- ▶ query=q5933.p1
- ▶ precursor=455.245230
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
E [1]	74.042	682.364	674.355	0.504	673.851	E[11]
T [2]	130.584	617.843	609.834	0.504	609.330	T[10]
A [3]	166.102	561.301	553.292	0.504	552.788	A[9]
Q [4]	239.132	825.783	817.773	818.277	817.269	Q[8]
D [5]	287.645	461.753	453.744	454.248	453.240	D[7]
F [6]	351.179	404.240	396.230	396.734	396.227	F[6]
K [7]	439.243	330.706	322.696	323.200	322.192	K[5]
T [8]	489.766	252.642	244.633	245.137	244.129	T[4]
D [9]	547.280	202.119	194.109	194.613	193.605	D[3]
L [10]	603.822	144.605	136.595	137.100	136.092	L[2]
R [11]	681.872	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} K^{PHR}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=80.89
- ▶ F105051.dat
- ▶ query=q6757.p1
- ▶ precursor=373.229620
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
R[1]	174.160	1439.935	1471.877	1474.885	1472.870	R[14]
S[2]	261.192	1333.770	1317.751	1318.799	1316.743	S[13]
A[3]	332.279	1246.748	1230.719	1231.727	1229.711	A[12]
P[4]	429.282	1175.701	1158.682	1160.660	1158.674	P[11]
A[5]	500.319	1078.648	1062.629	1063.637	1061.621	A[10]
T[6]	601.367	1007.611	991.592	992.600	990.584	T[9]
G[7]	658.398	906.563	890.544	891.552	889.537	G[8]
G[8]	715.410	840.542	833.523	834.531	832.515	G[7]
V[9]	814.478	780.520	775.502	777.509	775.494	V[6]
K[10]	970.604	693.452	677.433	678.441	676.425	K[9]
K[11]	1068.690	537.426	521.307	522.315	520.299	K[4]
P[12]	1195.752	409.231	393.212	394.220	392.204	P[3]
H[13]	1332.811	312.178	296.159	297.167	295.151	H[2]
R[14]	1488.912	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=80.89
- ▶ F105051.dat
- ▶ query=q6757_p1
- ▶ precursor=373.229620
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	[2]	87.584	745.452	737.442	737.946	736.038	R[14]
S	[2]	131.100	667.389	659.379	659.883	658.875	S[13]
A	[3]	156.618	623.873	615.863	616.367	615.359	A[12]
P	[4]	215.145	588.354	580.345	580.849	579.841	P[11]
A	[5]	250.663	539.828	531.818	532.322	531.314	A[10]
T	[6]	301.187	504.309	496.300	496.804	495.796	T[9]
G	[7]	329.698	453.785	445.776	446.280	445.272	G[8]
G	[8]	358.208	425.275	417.265	417.769	416.761	G[7]
V	[9]	407.743	396.764	388.754	389.258	388.250	V[6]
K	[10]	485.806	347.230	339.220	339.724	338.716	R[5]
K	[11]	499.834	299.166	261.157	261.661	260.653	R[4]
P	[12]	598.380	205.119	197.110	197.614	196.606	P[3]
H	[13]	666.909	156.583	148.583	149.087	148.079	H[2]
R	[14]	744.960	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

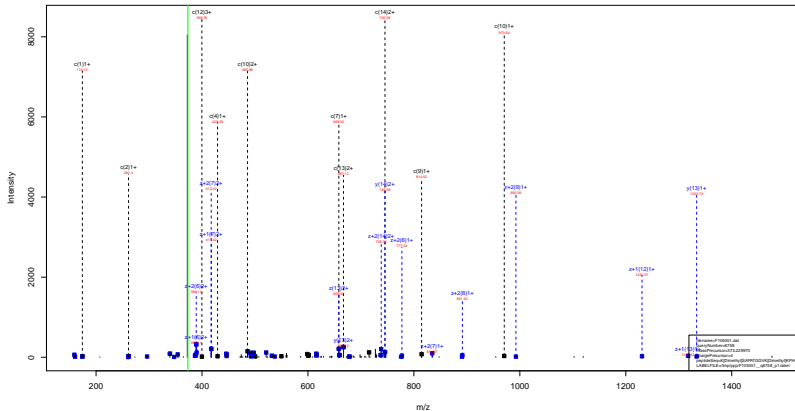
K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=80.89
- ▶ F105051.dat
- ▶ query=q6757.p1
- ▶ precursor=373.229620
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[2]	58.725	497.304	491.954	492.300	491.628	R[14]
S[2]	87.736	445.261	439.927	440.256	439.569	S[13]
A[3]	111.415	416.251	410.911	411.247	410.575	A[12]
P[4]	143.766	392.572	387.232	387.568	386.896	P[11]
A[5]	167.445	360.221	354.881	355.217	354.545	A[10]
T[6]	201.127	336.542	331.202	331.538	330.866	T[9]
G[7]	220.134	302.859	297.520	297.856	297.184	G[8]
G[8]	239.141	283.852	278.513	278.848	278.177	G[7]
V[9]	272.164	264.845	259.505	259.841	259.169	V[6]
K[10]	324.206	231.822	226.483	226.819	226.147	K[5]
K[11]	358.908	179.780	174.440	174.776	174.105	K[4]
P[12]	399.256	137.082	131.742	132.078	131.406	P[3]
H[13]	444.942	104.731	99.391	99.727	99.055	H[2]
R[14]	496.976	59.045	53.705	54.041	53.369	R[1]

sp | P68433 | H31_MOUSE

K Dimethyl SAPATGGVK Dimethyl KPHR
28.03 28.03



sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.07
- ▶ F105051.dat
- ▶ query=q6758.p1
- ▶ precursor=373.229970
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K	174.160	1489.896	1473.877	1474.885	1472.870	K[14]
S	261.192	1333.770	1317.751	1318.759	1316.743	S[13]
A	337.239	1246.736	1230.719	1231.727	1229.711	A[12]
P	429.282	1175.701	1159.682	1160.690	1158.674	P[11]
A	500.319	1078.648	1062.629	1063.637	1061.621	A[10]
T	601.367	1007.611	991.592	992.600	990.584	T[9]
G	658.388	906.563	890.544	891.552	889.537	G[8]
G	715.410	849.542	833.523	834.531	832.515	G[7]
V	814.478	782.520	776.502	777.509	775.493	V[6]
K	970.604	693.483	677.463	678.471	676.455	K[5]
K	1058.690	537.326	521.307	522.315	520.299	K[4]
P	1196.752	409.231	393.212	394.220	392.204	P[3]
H	1332.811	312.178	296.159	297.167	295.151	H[2]
R	1488.912	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=38.07
- ▶ F105051.dat
- ▶ query=q6758_p1
- ▶ precursor=373.229970
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	[2]	87.584	745.452	737.442	737.946	736.938	R[14]
S	[2]	131.100	667.389	659.379	659.883	658.875	S[13]
A	[3]	156.618	623.873	615.863	616.367	615.359	A[12]
P	[4]	215.145	588.354	580.345	580.849	579.841	P[11]
A	[5]	250.663	539.828	531.818	532.322	531.314	A[10]
T	[6]	301.187	504.309	496.300	496.804	495.796	T[9]
G	[7]	329.698	453.785	445.776	446.280	445.272	G[8]
G	[8]	358.208	425.275	417.265	417.769	416.761	G[7]
V	[9]	407.743	396.764	388.754	389.258	388.250	V[6]
K	[10]	485.806	347.230	339.220	339.724	338.716	R[5]
K	[11]	549.853	299.166	291.157	291.661	290.653	R[4]
P	[12]	598.380	205.119	197.110	197.614	196.606	P[3]
H	[13]	666.909	156.583	148.583	149.087	148.079	H[2]
R	[14]	744.960	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

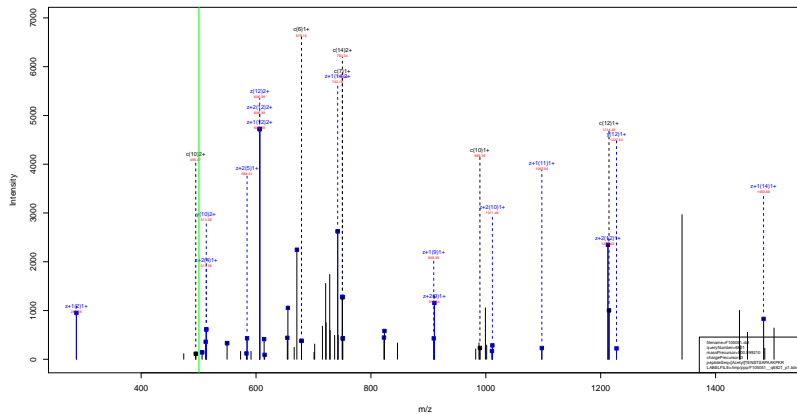
K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=38.07
- ▶ F105051.dat
- ▶ query=q6758_p1
- ▶ precursor=373.229970
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	3	58.725	497.304	491.964	492.300	491.628	R
S	2	87.736	445.261	439.927	440.256	439.566	S
A	3	111.415	416.251	410.911	411.247	410.575	A
P	4	143.766	392.572	387.232	387.568	386.896	P
A	5	167.445	360.221	354.881	355.217	354.545	A
T	6	201.127	336.542	331.202	331.538	330.866	T
G	7	220.134	302.859	297.520	297.856	297.184	G
G	8	239.141	283.852	278.513	278.848	278.177	G
V	9	272.164	264.845	259.505	259.841	259.169	V
K	10	324.206	231.822	226.483	226.819	226.147	K
K	11	356.508	179.780	174.440	174.776	174.105	K
P	12	399.256	137.082	131.742	132.078	131.406	P
H	13	444.042	104.731	99.391	99.727	99.055	H
R	14	496.976	59.045	53.705	54.041	53.369	R

sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPKR



sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPKR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.48
- ▶ F105051.dat
- ▶ query=q6821_p1
- ▶ precursor=500.599210
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
T[1]	181.092	1499.783	1483.783	0.000	1482.755	T[14]
E[2]	290.135	1356.723	1340.704	0.000	1339.696	E[13]
R[3]	404.178	1227.660	1211.662	1212.670	1210.665	R[12]
S[4]	491.219	1113.593	1097.619	1096.567	1096.611	S[11]
T[5]	592.257	1026.605	1010.587	1011.595	1009.579	T[10]
S[6]	679.289	925.558	909.539	910.547	908.531	S[9]
A[7]	750.326	838.526	822.507	823.515	821.499	A[8]
P[8]	847.379	767.480	751.470	752.478	750.462	P[7]
A[9]	918.416	670.438	654.417	655.425	653.409	A[6]
A[10]	989.453	599.399	583.380	584.388	582.372	A[5]
K[11]	1117.548	528.362	512.343	513.351	511.335	K[4]
P[12]	1214.601	400.267	384.248	385.256	383.240	P[3]
K[13]	1342.696	303.214	287.195	288.203	286.187	K[2]
R[14]	1488.797	175.119	159.100	160.108	158.092	R[1]

sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPKR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.48
- ▶ F105051.dat
- ▶ query=q6821_p1
- ▶ precursor=500.599210
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
T[3]	81.050	750.394	742.385	0.504	741.881	T[14]
E[2]	145.571	678.865	670.856	0.504	670.352	E[13]
N[3]	202.592	614.344	606.334	606.838	605.831	N[12]
S[4]	246.108	597.325	549.313	549.817	548.809	S[11]
T[5]	296.632	513.806	505.797	506.301	505.293	T[10]
S[6]	340.148	463.283	455.273	455.777	454.769	S[9]
A[7]	375.667	419.767	411.757	412.261	411.253	A[8]
P[8]	424.193	384.248	376.239	376.743	375.735	P[7]
A[9]	459.712	335.722	327.712	328.216	327.208	A[6]
A[10]	495.230	300.203	292.194	292.698	291.690	A[5]
K[11]	339.278	254.684	250.675	251.179	250.171	K[4]
P[12]	607.804	200.637	192.628	193.132	192.124	P[3]
K[13]	671.852	152.111	144.101	144.605	143.597	K[2]
R[14]	749.902	88.063	80.054	80.558	79.550	R[1]

sp | P84244 | H33_MOUSE

K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} K^{PHR}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.75
- ▶ F105051.dat
- ▶ query=q6862_p1
- ▶ precursor=377.228130
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
R[1]	174.160	1505.891	1489.873	1490.880	1488.865	R[14]
S[2]	261.192	1340.705	1333.746	1334.754	1332.738	S[13]
A[3]	839.279	1282.723	1246.714	1237.722	1245.705	A[12]
P[4]	429.282	1191.696	1175.677	1176.685	1174.669	P[11]
S[5]	516.314	1094.643	1078.624	1079.632	1077.616	S[10]
T[6]	617.362	1007.611	991.592	992.600	990.584	T[9]
G[7]	674.383	906.563	890.544	891.552	889.537	G[8]
G[8]	731.405	840.542	833.523	834.531	832.515	G[7]
V[9]	838.473	786.520	776.502	777.509	775.494	V[6]
K[10]	926.599	693.462	677.443	678.441	676.425	K[5]
K[11]	1114.694	537.426	521.367	522.315	520.299	K[4]
P[12]	1211.747	409.231	393.212	394.220	392.204	P[3]
H[13]	1348.806	312.178	296.159	297.167	295.151	H[2]
R[14]	1504.907	175.119	159.100	160.108	158.092	R[1]

sp | P84244 | H33_MOUSE

K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.75
- ▶ F105051.dat
- ▶ query=q6862_p1
- ▶ precursor=377.228130
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[2]	57.584	753.449	745.440	743.944	144.936	R[14]
S[2]	131.100	675.386	667.377	667.801	666.873	S[13]
A[3]	156.618	631.870	623.861	624.365	623.357	A[12]
P[4]	215.145	596.351	588.842	588.846	587.838	P[11]
S[5]	258.661	547.825	539.816	540.320	539.312	S[10]
T[6]	309.184	504.309	496.300	496.804	495.796	T[9]
G[7]	337.695	453.789	445.776	446.280	445.272	G[8]
G[8]	366.206	425.275	417.265	417.769	416.761	G[7]
V[9]	415.740	396.764	388.754	389.258	388.250	V[6]
K[10]	493.803	347.230	339.220	339.724	338.716	K[5]
K[11]	337.694	299.166	261.157	261.661	260.653	K[4]
P[12]	616.377	205.119	197.110	197.214	196.606	P[3]
H[13]	674.907	156.583	148.583	149.087	148.079	H[2]
R[14]	752.957	88.063	80.054	80.558	79.950	R[1]

sp | P84244 | H33_MOUSE

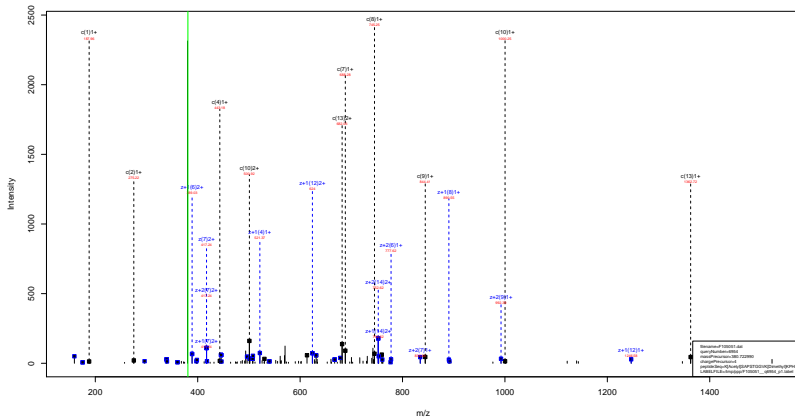
K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} K^{PHR}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.75
- ▶ F105051.dat
- ▶ query=q6862_p1
- ▶ precursor=377.228130
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[3]	58.725	502.635	497.296	497.632	496.960	R[14]
S[2]	87.736	450.593	445.257	445.589	444.918	S[13]
A[3]	111.415	421.582	416.243	416.579	415.907	A[12]
P[4]	143.766	397.903	392.564	392.900	392.228	P[11]
S[5]	172.776	365.552	360.213	360.549	359.877	S[10]
T[6]	206.459	336.542	331.202	331.538	330.866	T[9]
G[7]	225.466	302.859	297.520	297.856	297.184	G[8]
G[8]	244.473	283.852	278.513	278.848	278.177	G[7]
V[9]	277.496	264.845	259.505	259.841	259.169	V[6]
K[10]	329.530	231.822	226.483	226.819	226.147	K[5]
K[11]	372.236	179.780	174.440	174.776	174.105	K[4]
P[12]	404.587	137.082	131.742	132.078	131.406	P[3]
H[13]	450.273	104.731	99.391	99.727	99.055	H[2]
R[14]	502.307	59.045	53.705	54.041	53.369	R[1]

sp | P84244 | H33_MOUSE

K^{Acetyl} SAPSTGGVK^{Dimethyl} KPHR^{28.03}



sp | P84244 | H33_MOUSE

K^{Acetyl} 42.01 SAPSTGGVK^{Dimethyl} 28.03 KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.70
- ▶ F105051.dat
- ▶ query=q6954_p1
- ▶ precursor=380.722990
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	1	188.139	1519.870	1503.852	1504.850	1502.844	K[14]
S	2	275.171	1349.765	1333.766	1334.754	1332.738	S[13]
A	3	349.936	1262.733	1246.714	1247.722	1245.705	A[12]
P	4	443.261	1191.690	1175.677	1176.685	1174.669	P[11]
S	5	530.293	1094.643	1078.624	1079.632	1077.616	S[10]
T	6	631.341	1007.611	991.592	992.600	990.584	T[9]
G	7	668.362	926.563	890.544	891.552	889.537	G[8]
G	8	745.384	849.542	833.523	834.531	832.515	G[7]
V	9	854.452	782.520	776.502	777.509	775.493	V[6]
K	10	1000.579	693.485	677.463	678.441	676.425	K[5]
K	11	1128.674	597.320	521.307	522.315	520.299	K[4]
P	12	1225.726	409.231	393.212	394.220	392.204	P[3]
H	13	1362.785	312.178	296.159	297.167	295.151	H[2]
R	14	1518.886	175.119	159.100	160.108	158.092	R[1]

sp | P84244 | H33_MOUSE

K^{Acetyl} 42.01 SAPSTGGVK^{Dimethyl} 28.03 KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.70
- ▶ F105051.dat
- ▶ query=q6954.p1
- ▶ precursor=380.722990
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	[2]	94.573	760.439	752.429	752.933	751.929	R[14]
S	[2]	138.089	875.389	667.377	667.881	666.873	S[13]
A	[3]	173.608	631.870	623.861	624.365	623.357	A[12]
P	[4]	222.134	596.351	588.347	588.846	587.838	P[11]
S	[5]	265.650	547.825	539.816	540.320	539.312	S[10]
T	[6]	316.174	504.309	496.300	496.804	495.796	T[9]
G	[7]	344.685	453.789	445.776	446.280	445.272	G[8]
G	[8]	373.196	425.275	417.265	417.769	416.761	G[7]
V	[9]	422.730	396.764	388.754	389.258	388.250	V[6]
K	[10]	500.793	347.230	339.220	339.724	338.716	K[5]
K	[11]	394.840	299.166	293.157	293.661	292.653	K[4]
P	[12]	613.367	205.119	197.110	197.614	196.606	P[3]
H	[13]	681.896	156.583	148.583	149.087	148.079	H[2]
R	[14]	759.947	88.063	80.054	80.558	79.550	R[1]

sp | P84244 | H33_MOUSE

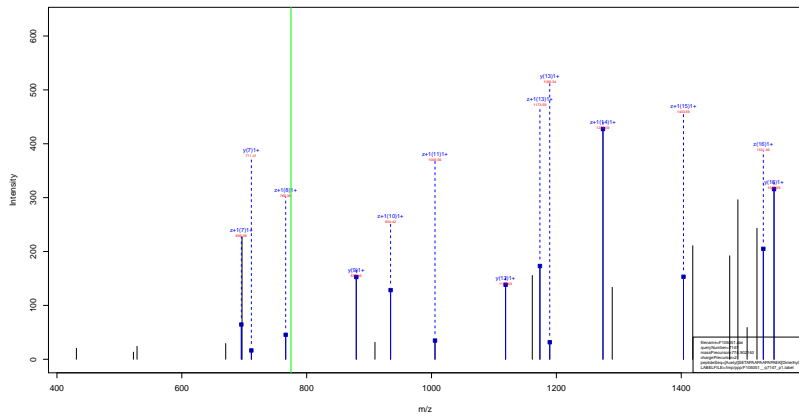
K^{Acetyl} 42.01 SAPSTGGVK^{Dimethyl} 28.03 KPHR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=56.70
- ▶ F105051.dat
- ▶ query=q6954.p1
- ▶ precursor=380.722990
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[2]	63.389	507.295	501.955	502.291	501.619	R[14]
S[2]	92.395	450.593	445.254	445.509	444.918	S[13]
A[3]	116.074	421.582	416.243	416.579	415.907	A[12]
P[4]	148.425	397.903	392.564	392.900	392.228	P[11]
S[5]	177.436	365.552	360.213	360.549	359.877	S[10]
T[6]	211.119	336.542	331.202	331.538	330.866	T[9]
G[7]	230.126	302.859	297.520	297.856	297.184	G[8]
G[8]	249.133	283.852	278.513	278.848	278.177	G[7]
V[9]	282.156	264.845	259.505	259.841	259.169	V[6]
K[10]	324.190	231.822	226.483	226.819	226.147	K[5]
K[11]	376.996	179.780	174.440	174.776	174.105	K[4]
P[12]	409.247	137.082	131.742	132.078	131.406	P[3]
H[13]	454.933	104.731	99.391	99.727	99.055	H[2]
R[14]	506.967	59.045	53.705	54.041	53.369	R[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEK ^{Dimethyl}
28.03



sp | P43274 | H14_MOUSE

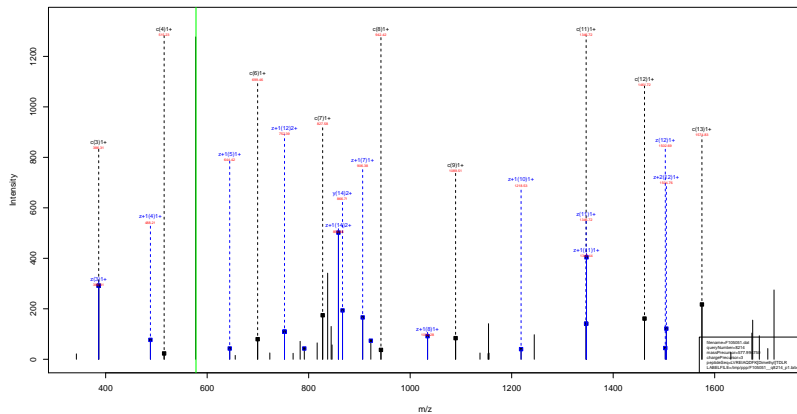
[Acetyl]SETAPAAPAAPAPAEK ^{Dimethyl} 28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.52
- ▶ F105051.dat
- ▶ query=q7147.p1
- ▶ precursor=774.902140
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	1548.790	1532.772	0.000	1531.764	S[16]
E	2	376.119	1419.748	1403.729	0.000	1402.721	E[15]
I	3	377.167	1299.705	1274.687	0.000	1273.679	I[14]
A	4	449.204	1189.658	1173.639	0.000	1172.631	A[13]
P	5	545.257	1118.620	1102.602	0.000	1101.594	P[12]
A	6	616.294	1021.568	1005.549	0.000	1004.541	A[11]
A	7	687.331	950.531	934.512	0.000	933.504	A[10]
P	8	764.364	879.493	863.475	0.000	862.467	P[9]
A	9	855.421	782.441	766.422	0.000	765.414	A[8]
A	10	926.458	711.404	695.385	0.000	694.377	A[7]
P	11	1023.511	640.366	624.348	0.000	623.340	P[6]
A	12	1094.548	543.318	527.299	0.000	526.291	A[5]
P	13	1191.600	472.277	456.258	0.000	455.250	P[4]
A	14	1262.638	375.228	359.209	0.000	358.197	A[3]
E	15	1391.680	304.187	288.168	0.000	287.160	E[2]
K	16	1547.806	175.144	159.125	160.113	158.118	K[1]

sp | P68433 | H31_MOUSE

LVREIAQDFK ^{Dimethyl} TDLR
28.03



Unlabeled: P68433_04
 Query: Mouse_H31_0215
 Label: Mouse_H31_0215
 Label: Mouse_H31_0215
 Label: Mouse_H31_0215
 Label: Mouse_H31_0215

sp | P68433 | H31_MOUSE

LVREIAQDFK ^{Dimethyl} 28.03 TDLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.17
- ▶ F105051.dat
- ▶ query=q8214.p1
- ▶ precursor=577.994750
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	1731.975	1715.950	0.000	1714.940	L[14]
V[2]	230.188	1815.891	1602.872	0.000	1601.865	V[13]
R[3]	388.287	1319.824	1303.803	1504.812	1502.796	R[12]
E[4]	515.130	1303.722	1347.703		1346.695	E[11]
I[5]	628.414	1234.679	1218.660	1219.668	1217.652	I[10]
A[6]	699.451	1121.595	1108.576	1106.584	1104.568	A[9]
Q[7]	827.510	1050.538	1034.539	1035.547	1033.531	Q[8]
D[8]	942.537	922.499	906.481	907.488	905.473	D[7]
T[9]	1089.605	837.472	791.454	792.461	790.446	T[6]
K[10]	1245.711	650.404	644.385	645.393	643.377	K[5]
Y[11]	1346.779	504.278	488.259	489.267	487.251	Y[4]
D[12]	1461.806	403.230	387.211	388.219	386.203	D[3]
L[13]	1574.890	388.203	272.184	273.192	271.176	L[2]
R[14]	1730.991	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

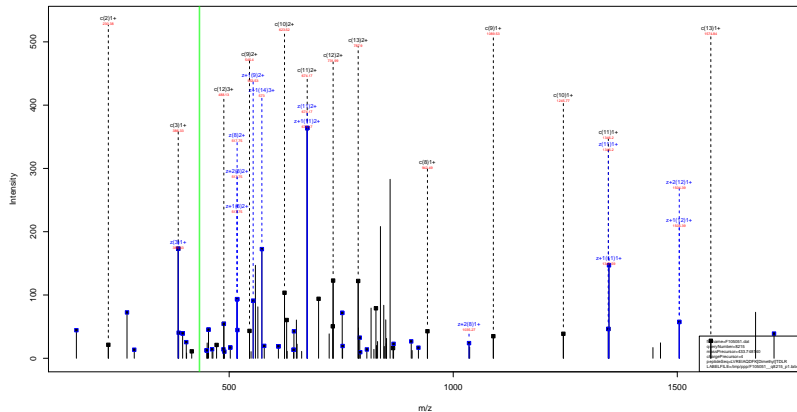
LVREIAQDFK ^{Dimethyl} 28.03 TDLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.17
- ▶ F105051.dat
- ▶ query=q8214.p1
- ▶ precursor=577.994750
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	69.063	856.491	858.482	0.504	857.978	L[14]
V[2]	115.597	859.949	861.940	0.504	861.436	V[13]
R[3]	193.647	760.415	752.406	752.910	751.902	R[12]
E[4]	250.169	682.964	674.955	674.859	673.851	E[11]
I[5]	314.711	617.843	609.834	610.338	609.330	I[10]
A[6]	390.229	561.801	553.292	553.796	552.788	A[9]
Q[7]	414.289	525.783	517.773	518.277	517.269	Q[8]
D[8]	471.772	461.753	453.744	454.248	453.240	D[7]
F[9]	545.306	404.240	396.230	396.734	395.727	F[6]
K[10]	623.369	330.706	322.696	323.200	322.192	K[5]
T[11]	673.893	252.642	244.633	245.137	244.129	T[4]
D[12]	751.407	202.119	194.109	194.613	193.605	D[3]
L[13]	787.949	144.605	136.595	137.100	136.092	L[2]
R[14]	865.999	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

LVREIAQDFK ^{Dimethyl} TDLR
28.03



sp | P68433 | H31_MOUSE

LVREIAQDFK ^{Dimethyl} 28.03 TDLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.55
- ▶ F105051.dat
- ▶ query=q8215_p1
- ▶ precursor=433.748140
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	1731.875	1715.956	0.000	1714.940	L[14]
V[2]	230.186	1818.891	1802.872	0.000	1801.855	V[13]
R[3]	380.287	1819.932	1563.804	1564.812	1562.799	R[12]
E[4]	315.330	1303.722	1347.703	1310.711	1346.695	E[11]
I[5]	628.414	1234.679	1218.660	1219.668	1217.652	I[10]
A[6]	699.451	1121.505	1108.576	1106.584	1104.568	A[9]
Q[7]	827.510	1050.558	1034.530	1035.547	1033.531	Q[8]
D[8]	942.537	922.499	906.481	907.488	905.473	D[7]
T[9]	1089.605	807.472	791.454	792.461	789.445	T[6]
K[10]	1245.731	605.404	644.385	645.393	643.377	K[5]
Y[11]	1346.779	504.278	488.259	489.267	487.251	Y[4]
D[12]	1461.806	403.230	387.211	388.219	386.203	D[3]
L[13]	1574.890	288.203	272.184	273.192	273.176	L[2]
R[14]	1730.991	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

LVREIAQDFK ^{Dimethyl} 28.03 TDLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.55
- ▶ F105051.dat
- ▶ query=q8215_p1
- ▶ precursor=433.748140
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	66.083	866.491	858.482	0.504	857.978	L[14]
V[2]	115.597	809.549	801.940	0.504	801.436	V[13]
R[3]	193.647	760.415	752.406	752.910	751.902	R[12]
E[4]	258.169	682.964	674.355	674.859	673.851	E[11]
I[5]	314.711	617.843	609.834	610.338	609.330	I[10]
A[6]	350.229	561.301	553.292	553.796	552.788	A[9]
Q[7]	414.259	525.783	517.773	518.277	517.269	Q[8]
D[8]	471.772	461.753	453.744	454.248	453.240	D[7]
F[9]	545.306	404.240	396.230	396.734	395.727	F[6]
K[10]	623.369	330.705	322.696	323.200	322.192	K[5]
T[11]	673.893	252.542	244.533	245.137	244.129	T[4]
D[12]	731.407	202.119	194.109	194.613	193.605	D[3]
L[13]	787.949	144.695	136.586	137.100	136.062	L[2]
R[14]	865.999	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

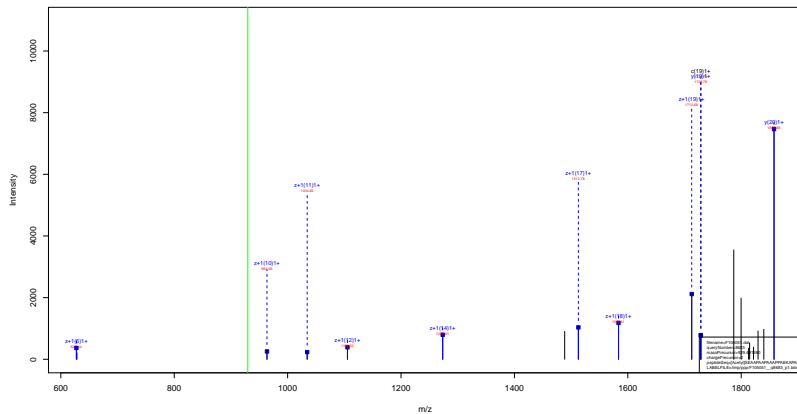
LVREIAQDFK ^{Dimethyl} TDLR
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.55
- ▶ F105051.dat
- ▶ query=q8215_p1
- ▶ precursor=433.748140
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	577.997	572.657	0.672	572.321	L[14]
V[2]	77.400	540.562	535.922	0.672	534.626	V[13]
R[3]	129.434	507.279	501.940	502.275	501.604	R[12]
E[4]	172.448	495.249	449.906	450.242	449.570	E[11]
I[5]	210.143	412.231	406.892	407.228	406.556	I[10]
A[6]	233.622	374.537	369.197	369.533	368.861	A[9]
Q[7]	276.508	350.857	345.518	345.854	345.182	Q[8]
D[8]	314.650	308.171	302.832	303.168	302.496	D[7]
F[9]	363.673	269.829	264.489	264.825	264.153	F[6]
K[10]	415.915	220.906	215.467	215.803	215.131	K[5]
T[11]	449.598	198.796	193.424	193.760	193.089	T[4]
D[12]	487.940	135.082	129.742	130.078	129.406	D[3]
L[13]	525.635	96.739	91.400	91.736	91.064	L[2]
R[14]	577.669	59.045	53.705	54.041	53.369	R[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAK



sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.33
- ▶ F105051.dat
- ▶ query=q8683_p1
- ▶ precursor=929.491380
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1857.971	1841.952	0.000	1840.944	S[20]
E[2]	276.119	1728.928	1712.909	0.000	1711.901	E[19]
A[3]	347.156	1599.885	1583.867	0.000	1582.859	A[18]
A[4]	418.193	1528.848	1512.829	0.000	1511.822	A[17]
P[5]	515.246	1487.811	1441.792	0.000	1440.785	P[16]
A[6]	589.283	1368.758	1344.740	0.000	1343.732	A[15]
A[7]	657.320	1289.721	1273.702	0.000	1272.695	A[14]
P[8]	754.373	1218.684	1202.665	0.000	1201.658	P[13]
A[9]	825.410	1121.631	1105.613	0.000	1104.605	A[12]
A[10]	896.447	1050.594	1034.575	0.000	1033.568	A[11]
A[11]	967.484	979.557	963.538	0.000	962.531	A[10]
P[12]	1084.537	908.520	892.501	0.000	891.493	P[9]
P[13]	1161.590	831.467	795.448	0.000	794.441	P[8]
A[14]	1232.627	714.414	698.396	0.000	697.388	A[7]
E[15]	1361.670	643.377	627.359	0.000	626.351	E[6]
K[16]	1489.705	514.335	498.316	499.324	497.308	K[5]
A[17]	1560.802	386.240	370.221	371.229	369.213	A[4]
P[18]	1657.854	315.203	299.184	300.192	298.176	P[3]
A[19]	1728.892	218.150	203.131	203.139	201.123	A[2]
K[20]	1856.936	147.113	131.094	132.102	130.086	K[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.96
- ▶ F105051.dat
- ▶ query=q9071.p1
- ▶ precursor=662.693790
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S 1	147.076	1906.065	1970.047	0.000	1960.039	S 21
E 2	276.119	1857.023	1841.004	0.000	1839.990	E 20
A 3	347.150	1727.969	1711.962	0.000	1710.954	A 19
A 4	418.193	1556.943	1640.924	0.000	1639.917	A 18
P 5	515.246	1585.900	1569.887	0.000	1568.880	P 17
A 6	586.283	1488.853	1472.835	0.000	1471.827	A 16
A 7	657.320	1417.818	1401.797	0.000	1400.790	A 15
P 8	754.373	1346.779	1330.760	0.000	1329.751	P 14
A 9	825.410	1249.726	1233.708	0.000	1232.700	A 13
A 10	896.447	1178.689	1162.670	0.000	1161.661	A 12
A 11	967.494	1107.652	1091.633	0.000	1090.625	A 11
P 12	1064.537	1036.615	1020.596	0.000	1019.588	P 10
P 13	1161.590	939.567	923.543	0.000	922.536	P 9
A 14	1232.637	843.509	828.491	0.000	825.483	A 8
E 15	1361.670	771.472	755.454	0.000	754.446	E 7
R 16	1489.705	642.430	626.411	637.419	625.403	R 6
A 17	1580.802	514.332	498.316	496.314	497.305	A 5
P 18	1657.854	443.290	427.279	426.267	426.271	P 4
A 19	1728.892	346.245	330.226	331.234	329.214	A 3
R 20	1856.986	275.208	259.189	260.197	258.181	R 2
R 21	1985.081	147.113	131.094	132.102	130.086	R 1

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.96
- ▶ F105051.dat
- ▶ query=q9071_p1
- ▶ precursor=662.693790
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	993.536	985.527	0.504	985.023	S[21]
E[2]	138.563	929.015	921.006	0.504	920.502	E[20]
A[3]	174.082	864.494	856.484	0.504	855.981	A[19]
A[4]	209.600	828.975	820.966	0.504	820.462	A[18]
P[5]	258.127	793.457	785.447	0.504	784.943	P[17]
A[6]	293.645	744.930	736.921	0.504	736.417	A[16]
A[7]	329.164	709.412	701.402	0.504	700.898	A[15]
P[8]	377.690	673.893	665.884	0.504	665.380	P[14]
A[9]	413.209	625.367	617.357	0.504	616.854	A[13]
A[10]	448.727	589.848	581.839	0.504	581.335	A[12]
A[11]	484.246	554.330	546.320	0.504	545.816	A[11]
P[12]	532.772	518.811	510.802	0.504	510.298	P[10]
P[13]	581.299	470.285	462.275	0.504	461.771	P[9]
A[14]	616.817	421.758	413.749	0.504	413.245	A[8]
E[15]	681.338	386.240	378.230	0.504	377.727	E[7]
K[16]	745.386	321.718	313.709	314.213	313.205	K[6]
A[17]	780.904	257.671	249.662	250.166	249.158	A[5]
P[18]	829.431	222.152	214.143	214.647	213.639	P[4]
A[19]	864.949	173.626	165.617	166.121	165.113	A[3]
K[20]	928.997	138.108	130.098	130.602	129.594	K[2]
K[21]	993.044	74.060	66.051	66.555	65.547	K[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.53
- ▶ F105051.dat
- ▶ query=q9072.p1
- ▶ precursor=662.693920
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1906.065	1070.047	0.000	1969.039	S[2]
E[2]	276.119	1857.023	1841.004	0.000	1839.990	E[20]
A[3]	347.150	1727.968	1717.952	0.000	1710.954	A[19]
A[4]	418.193	1656.947	1640.934	0.000	1639.911	A[18]
P[5]	515.246	1585.906	1570.887	0.000	1568.880	P[17]
A[6]	586.283	1488.851	1472.835	0.000	1471.827	A[16]
A[7]	657.320	1417.810	1401.797	0.000	1400.790	A[15]
P[8]	754.373	1346.770	1330.760	0.000	1329.751	P[14]
A[9]	825.410	1249.726	1233.708	0.000	1232.700	A[13]
A[10]	896.447	1178.689	1162.670	0.000	1161.661	A[12]
A[11]	967.484	1107.652	1091.633	0.000	1090.626	A[11]
P[12]	1064.537	1036.615	1020.596	0.000	1019.588	P[10]
P[13]	1161.590	939.567	923.543	0.000	922.536	P[9]
A[14]	1232.627	843.500	828.491	0.000	825.483	A[8]
E[15]	1361.670	771.472	755.454	0.000	754.446	E[7]
R[16]	1489.705	642.430	626.413	627.419	625.401	R[6]
A[17]	1550.502	514.332	498.316	496.314	497.305	A[5]
P[18]	1657.854	443.290	427.279	428.287	426.271	P[4]
A[19]	1728.892	346.245	330.226	331.234	329.216	A[3]
R[20]	1856.986	275.208	259.189	260.197	258.181	R[2]
K[21]	1985.081	147.113	131.094	132.102	130.086	K[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.53
- ▶ F105051.dat
- ▶ query=q9072.p1
- ▶ precursor=662.693920
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	993.536	985.527	0.504	985.023	S[21]
E[2]	138.563	929.015	921.006	0.504	920.502	E[20]
A[3]	174.082	964.494	856.484	0.504	855.981	A[19]
A[4]	209.600	928.975	820.966	0.504	820.462	A[18]
P[5]	258.127	793.457	785.447	0.504	784.943	P[17]
A[6]	293.645	744.930	736.921	0.504	736.417	A[16]
A[7]	329.164	709.412	701.402	0.504	700.898	A[15]
P[8]	377.690	673.893	665.884	0.504	665.380	P[14]
A[9]	413.209	625.367	617.357	0.504	616.854	A[13]
A[10]	448.727	589.848	581.839	0.504	581.335	A[12]
A[11]	484.246	554.330	546.320	0.504	545.816	A[11]
P[12]	520.772	518.811	510.802	0.504	510.298	P[10]
P[13]	561.290	470.285	462.275	0.504	461.771	P[9]
A[14]	616.817	421.758	413.749	0.504	413.245	A[8]
E[15]	681.338	386.240	378.230	0.504	377.727	E[7]
K[16]	745.386	321.718	313.709	314.213	313.205	K[6]
A[17]	780.904	257.671	249.662	250.166	249.158	A[5]
P[18]	829.431	222.152	214.143	214.647	213.639	P[4]
A[19]	864.949	173.626	165.617	166.121	165.113	A[3]
K[20]	928.997	138.108	130.098	130.602	129.594	K[2]
K[21]	993.044	74.060	66.051	66.555	65.547	K[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.45
- ▶ F105051.dat
- ▶ query=q9073.p1
- ▶ precursor=662.694530
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S 1	147.076	1906.065	1970.047	0.000	1960.030	S 21
E 2	276.119	1857.023	1841.004	0.000	1839.990	E 20
A 3	347.150	1727.960	1711.962	0.000	1710.954	A 19
A 4	418.193	1599.947	1640.924	0.000	1639.917	A 18
P 5	515.246	1585.906	1569.897	0.000	1568.880	P 17
A 6	586.283	1488.851	1472.835	0.000	1471.827	A 16
A 7	657.320	1417.816	1401.797	0.000	1400.790	A 15
P 8	754.373	1346.770	1330.760	0.000	1329.753	P 14
A 9	825.410	1249.726	1233.708	0.000	1232.700	A 13
A 10	896.447	1178.689	1162.670	0.000	1161.661	A 12
A 11	967.494	1107.652	1091.633	0.000	1090.625	A 11
P 12	1064.537	1036.615	1020.596	0.000	1019.588	P 10
P 13	1161.590	939.567	923.543	0.000	922.536	P 9
A 14	1232.627	843.500	828.491	0.000	827.483	A 8
E 15	1361.670	771.472	755.454	0.000	754.446	E 7
R 16	1489.765	642.430	626.411	637.419	625.403	R 6
A 17	1580.802	514.332	498.316	496.314	497.305	A 5
P 18	1657.854	443.290	437.279	428.267	426.271	P 4
A 19	1728.892	346.245	330.226	331.234	329.216	A 3
R 20	1856.986	275.208	259.189	260.197	258.181	R 2
R 21	1985.081	147.113	131.094	132.102	130.086	R 1

sp | P15864 | H12_MOUSE

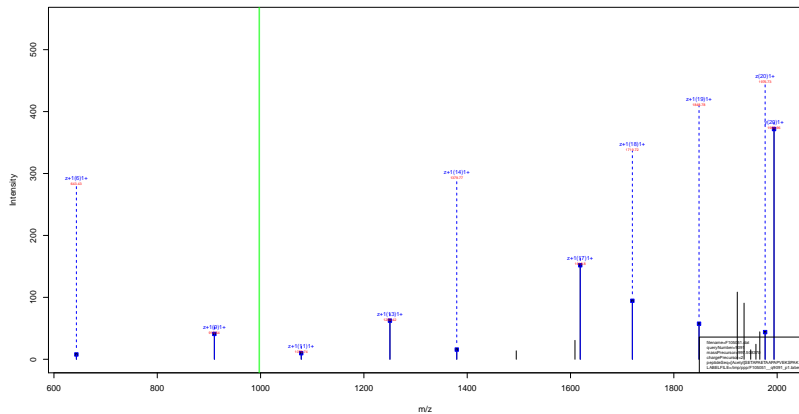
[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.45
- ▶ F105051.dat
- ▶ query=q9073_p1
- ▶ precursor=662.694530
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	993.536	985.527	0.504	985.023	S[21]
E[2]	138.563	929.015	921.006	0.504	920.502	E[20]
A[3]	174.082	864.494	856.484	0.504	855.981	A[19]
A[4]	209.600	828.975	820.966	0.504	820.462	A[18]
P[5]	258.127	793.457	785.447	0.504	784.943	P[17]
A[6]	293.645	744.930	736.921	0.504	736.417	A[16]
A[7]	329.164	709.412	701.402	0.504	700.898	A[15]
P[8]	377.690	673.893	665.884	0.504	665.380	P[14]
A[9]	413.209	625.367	617.357	0.504	616.854	A[13]
A[10]	448.727	589.848	581.839	0.504	581.335	A[12]
A[11]	484.246	554.330	546.320	0.504	545.816	A[11]
P[12]	520.764	518.811	510.802	0.504	510.298	P[10]
P[13]	556.283	479.285	462.275	0.504	461.771	P[9]
A[14]	616.817	421.758	413.749	0.504	413.245	A[8]
E[15]	681.338	386.240	378.230	0.504	377.727	E[7]
K[16]	745.866	321.718	313.709	314.213	313.205	K[6]
A[17]	780.904	257.671	249.662	250.166	249.158	A[5]
P[18]	829.431	222.152	214.143	214.647	213.639	P[4]
A[19]	864.949	173.626	165.617	166.121	165.113	A[3]
K[20]	928.997	138.108	130.098	130.602	129.594	K[2]
K[21]	993.044	74.060	66.051	66.555	65.547	K[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAK



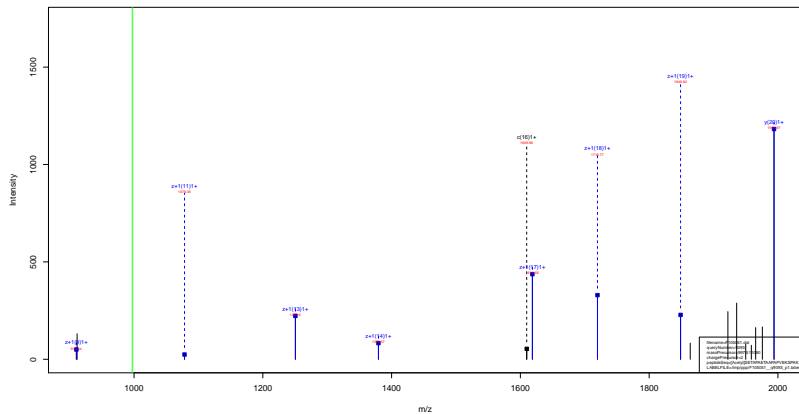
sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.69
- ▶ F105051.dat
- ▶ query=q9091_p1
- ▶ precursor=997.508370
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1994.000	1977.989	0.000	1976.901	S[20]
E[2]	276.119	1864.965	1848.946	0.000	1847.939	E[19]
T[3]	377.167	1735.922	1719.904	0.000	1718.896	T[18]
A[4]	448.204	1634.875	1618.856	0.000	1617.848	A[17]
F[5]	545.257	1563.838	1547.819	0.000	1546.811	F[16]
A[6]	618.294	1466.785	1450.766	0.000	1449.758	A[15]
E[7]	745.336	1395.740	1379.720	0.000	1378.712	E[14]
T[8]	846.384	1296.705	1250.687	0.000	1249.679	T[13]
A[9]	917.421	1165.658	1149.639	0.000	1148.631	A[12]
A[10]	988.458	1094.620	1078.602	0.000	1077.594	A[11]
P[11]	1085.511	1023.583	1007.565	0.000	1006.557	P[10]
A[12]	1156.548	926.511	910.512	0.000	909.504	A[9]
P[13]	1251.601	854.491	839.473	0.000	838.465	P[8]
V[14]	1352.669	758.441	752.422	0.000	741.414	V[7]
E[15]	1481.712	659.372	643.354	0.000	642.346	E[6]
K[16]	1609.807	530.330	514.311	515.319	513.303	K[5]
S[17]	1696.839	402.235	386.216	387.224	385.208	S[4]
P[18]	1793.892	315.203	299.184	300.192	298.176	P[3]
A[19]	1864.929	218.150	202.131	203.139	201.123	A[2]
K[20]	1993.024	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE
[Acetyl]SETAPAETAAPAPVEKSPAK



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.31
- ▶ F105051.dat
- ▶ query=q9093_p1
- ▶ precursor=997.511080
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
S	1	147.076	1994.000	1977.989	0.000	1976.981	S[20]
E	2	276.119	1864.965	1848.946	0.000	1847.939	E[19]
T	3	377.107	1735.922	1719.904	0.000	1718.896	T[18]
A	4	448.204	1634.875	1618.856	0.000	1617.848	A[17]
P	5	545.257	1563.830	1547.819	0.000	1546.811	P[16]
A	6	619.294	1468.783	1452.766	0.000	1449.758	A[15]
E	7	745.336	1395.740	1379.729	0.000	1378.721	E[14]
T	8	846.384	1266.705	1250.687	0.000	1249.679	T[13]
A	9	917.421	1165.658	1149.639	0.000	1148.631	A[12]
A	10	988.458	1094.620	1078.602	0.000	1077.594	A[11]
P	11	1085.511	1023.583	1007.565	0.000	1006.557	P[10]
A	12	1150.548	926.531	910.512	0.000	909.504	A[9]
P	13	1253.603	855.493	839.476	0.000	838.467	P[8]
V	14	1352.669	758.441	742.422	0.000	741.414	V[7]
E	15	1481.712	659.372	643.354	0.000	642.346	E[6]
K	16	1609.807	530.330	514.311	513.310	513.303	K[5]
S	17	1696.839	402.235	386.216	387.234	385.208	S[4]
P	18	1793.892	315.203	299.184	300.192	298.176	P[3]
A	19	1884.929	218.150	202.131	203.139	201.123	A[2]
K	20	1993.024	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.61
- ▶ F105051.dat
- ▶ query=q9336.p1
- ▶ precursor=692.043480
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2074.118	2058.009	0.000	2057.091	S[21]
E[2]	276.119	1945.075	1929.057	0.000	1928.049	E[20]
T[3]	377.167	1816.033	1800.014	0.000	1799.006	T[19]
A[4]	448.204	1714.983	1698.966	0.000	1697.956	A[18]
P[5]	545.257	1643.948	1627.929	0.000	1626.921	P[17]
A[6]	616.294	1548.895	1530.876	0.000	1529.869	A[16]
A[7]	687.331	1475.858	1459.839	0.000	1458.831	A[15]
P[8]	784.384	1404.821	1388.802	0.000	1387.794	P[14]
A[9]	855.421	1307.768	1291.749	0.000	1290.742	A[13]
A[10]	858.458	1236.711	1220.712	0.000	1219.705	A[12]
P[11]	1023.511	1165.694	1149.675	0.000	1148.667	P[11]
A[12]	1094.548	1068.641	1052.622	0.000	1051.615	A[10]
P[13]	1191.600	997.604	981.585	0.000	980.578	P[9]
A[14]	1262.638	900.551	884.531	0.000	883.523	A[8]
E[15]	1397.690	829.514	813.495	0.000	812.488	E[7]
R[16]	1519.775	760.477	684.453	685.461	683.444	R[6]
T[17]	1620.823	572.377	556.358	557.366	555.350	T[5]
P[18]	1717.876	471.320	455.310	456.318	454.302	P[4]
V[19]	1816.944	374.276	358.257	359.265	357.250	V[3]
K[20]	1945.039	275.208	259.189	260.197	258.181	K[2]
K[21]	2073.134	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.61
- ▶ F105051.dat
- ▶ query=q9336.p1
- ▶ precursor=692.043480
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1037.563	1029.553	0.504	1029.049	S[2]
E[2]	138.563	973.041	965.032	0.504	964.529	E[3]
T[3]	189.087	908.520	900.511	0.504	900.001	T[4]
A[4]	224.008	857.999	849.987	0.504	849.481	A[5]
P[5]	273.132	822.478	814.468	0.504	813.964	P[17]
A[6]	308.650	773.951	765.942	0.504	765.438	A[16]
A[7]	344.169	738.433	730.423	0.504	729.919	A[15]
P[8]	392.695	702.914	694.905	0.504	694.401	P[14]
A[9]	428.214	664.388	656.378	0.504	645.874	A[13]
A[10]	463.733	618.869	610.860	0.504	610.356	A[12]
P[11]	512.259	583.351	575.341	0.504	574.837	P[11]
A[12]	547.777	534.824	526.815	0.504	526.311	A[10]
P[13]	596.304	499.306	491.296	0.504	490.793	P[9]
A[14]	631.822	459.779	442.770	0.504	442.266	A[8]
E[15]	696.344	415.261	407.251	0.504	406.747	E[7]
R[16]	769.391	359.739	342.730	0.504	342.226	R[6]
T[17]	810.915	286.607	278.603	0.504	278.179	T[5]
P[18]	859.441	236.100	228.109	0.504	227.655	P[4]
V[19]	908.976	187.642	179.632	0.504	179.128	V[3]
K[20]	973.023	138.100	130.098	0.504	129.594	K[2]
K[21]	1037.071	74.000	66.051	0.504	65.547	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.16
- ▶ F105051.dat
- ▶ query=q9338.p1
- ▶ precursor=692.046650
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2074.118	2038.099	0.000	2057.091	S[21]
E[2]	276.119	1945.075	1929.057	0.000	1928.049	E[20]
T[3]	377.167	1816.833	1808.814	0.000	1799.805	T[19]
A[4]	448.204	1714.865	1698.846	0.000	1697.955	A[18]
P[5]	545.257	1643.940	1627.929	0.000	1626.921	P[17]
A[6]	616.294	1548.895	1530.876	0.000	1529.889	A[16]
A[7]	667.331	1475.858	1459.839	0.000	1458.831	A[15]
P[8]	784.384	1404.821	1388.802	0.000	1387.794	P[14]
A[9]	855.421	1307.768	1291.749	0.000	1290.742	A[13]
A[10]	928.458	1238.731	1228.712	0.000	1219.705	A[12]
P[11]	1023.511	1185.685	1140.675	0.000	1148.667	P[11]
A[12]	1094.548	1068.641	1052.622	0.000	1051.615	A[10]
P[13]	1191.600	997.604	981.585	0.000	980.578	P[9]
A[14]	1262.638	900.551	884.533	0.000	883.525	A[8]
E[15]	1391.680	828.514	813.495	0.000	812.488	E[7]
K[16]	1519.775	760.472	684.453	685.461	683.445	K[6]
T[17]	1630.823	572.377	556.358	557.366	555.350	T[5]
P[18]	1717.876	471.329	455.310	456.318	454.302	P[4]
V[19]	1816.944	374.270	358.257	359.265	357.250	V[3]
K[20]	1945.039	275.200	259.189	260.197	258.181	K[2]
K[21]	2073.134	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

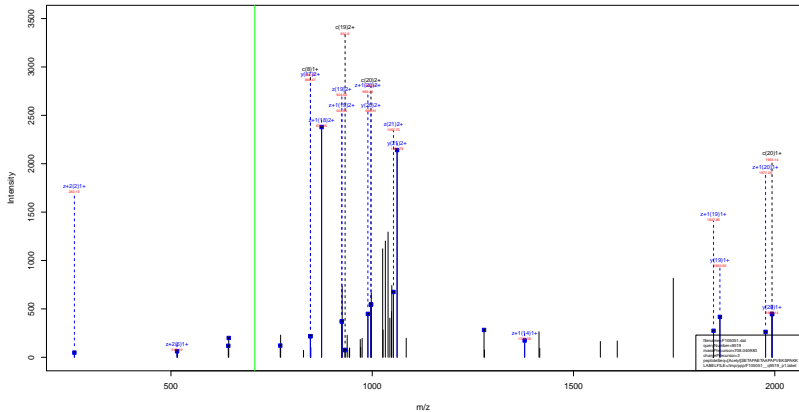
[Acetyl]SETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.16
- ▶ F105051.dat
- ▶ query=q9338.p1
- ▶ precursor=692.046650
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1037.563	1029.553	0.504	1029.049	S[2]
E[2]	138.563	973.041	965.032	0.504	964.529	E[3]
T[3]	189.087	908.520	900.511	0.504	899.001	T[4]
A[4]	224.008	857.997	849.987	0.505	849.483	A[5]
P[5]	273.132	822.478	814.468	0.504	813.964	P[17]
A[6]	308.650	773.951	765.942	0.504	765.438	A[16]
A[7]	344.169	738.433	730.423	0.504	729.919	A[15]
P[8]	392.695	702.914	694.905	0.504	694.401	P[14]
A[9]	428.214	664.388	656.378	0.504	645.874	A[13]
A[10]	463.733	628.869	620.860	0.504	620.356	A[12]
P[11]	512.259	583.351	575.341	0.504	574.837	P[11]
A[12]	547.777	534.824	526.815	0.504	526.311	A[10]
P[13]	596.304	499.300	491.290	0.504	490.786	P[9]
A[14]	631.822	459.779	442.770	0.504	442.266	A[8]
E[15]	696.344	415.261	407.251	0.504	406.747	E[7]
R[16]	769.391	359.739	342.730	0.504	342.226	R[6]
T[17]	810.915	286.607	278.603	0.504	278.179	T[5]
P[18]	859.441	236.100	228.109	0.504	227.655	P[4]
V[19]	908.976	187.642	179.632	0.504	179.128	V[3]
K[20]	973.023	138.100	130.098	0.504	129.594	K[2]
K[21]	1037.071	74.000	66.051	0.504	65.547	K[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKK



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.37
- ▶ F105051.dat
- ▶ query=q9519_p1
- ▶ precursor=708.040980
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2122.103	2106.094	0.000	2105.078	S[21]
E[2]	276.119	1993.060	1977.041	0.000	1976.033	E[20]
T[3]	377.167	1864.017	1847.999	0.000	1846.993	T[19]
A[4]	448.204	1766.999	1746.954	0.000	1745.943	A[18]
P[5]	545.257	1691.933	1675.914	0.000	1674.908	P[17]
A[6]	616.294	1594.889	1578.861	0.000	1577.853	A[16]
E[7]	745.336	1523.843	1507.824	0.000	1506.818	E[15]
T[8]	846.384	1394.800	1378.781	0.000	1377.774	T[14]
A[9]	917.421	1295.753	1277.734	0.000	1276.726	A[13]
A[10]	988.458	1222.713	1206.697	0.000	1205.689	A[12]
P[11]	1085.511	1151.670	1135.650	0.000	1134.652	P[11]
A[12]	1156.548	1054.626	1038.607	0.000	1037.599	A[10]
P[13]	1251.601	983.588	967.570	0.000	966.562	P[9]
V[14]	1352.669	886.536	870.517	0.000	869.509	V[8]
E[15]	1481.712	787.467	771.449	0.000	770.441	E[7]
K[16]	1609.807	658.423	642.406	643.314	641.306	K[6]
S[17]	1696.839	530.330	514.311	515.319	513.303	S[5]
P[18]	1793.892	443.290	427.279	426.267	425.271	P[4]
A[19]	1864.929	348.245	332.226	331.234	329.218	A[3]
K[20]	1993.024	275.200	259.189	260.197	258.181	K[2]
K[21]	2121.119	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

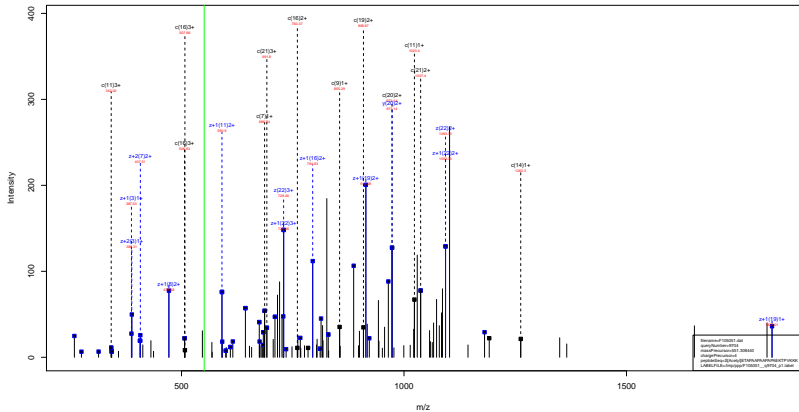
[Acetyl]SETAPAETAAPAPVEKSPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.37
- ▶ F105051.dat
- ▶ query=q9519_p1
- ▶ precursor=708.040980
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA		
S	1	74.042	1061.555	1053.546	0.504	1053.042	S	21
E	2	138.503	997.034	989.034	0.504	988.520	E	20
T	3	189.087	932.512	924.503	0.504	923.999	T	19
A	4	224.606	881.989	873.979	0.504	873.475	A	18
P	5	273.112	846.470	838.461	0.504	837.957	P	17
A	6	308.650	797.944	789.934	0.504	789.430	A	16
E	7	373.172	762.425	754.416	0.504	753.912	E	15
T	8	423.696	697.904	689.894	0.504	689.390	T	14
A	9	459.214	647.380	639.371	0.504	638.867	A	13
A	10	494.733	611.961	603.952	0.504	603.448	A	12
P	11	543.259	576.441	568.431	0.504	567.927	P	11
A	12	578.778	527.810	519.801	0.504	519.301	A	10
P	13	627.304	492.289	484.280	0.504	483.785	P	9
V	14	676.838	443.771	435.762	0.504	435.258	V	8
E	15	741.360	394.237	386.228	0.504	385.724	E	7
K	16	805.407	329.716	321.707	322.211	321.203	K	6
S	17	848.923	265.660	257.650	258.163	257.155	S	5
P	18	897.449	222.157	214.147	214.661	213.653	P	4
A	19	932.968	173.626	165.617	166.131	165.113	A	3
K	20	997.015	138.108	130.098	130.602	129.594	K	2
K	21	1061.063	74.060	66.051	66.555	65.547	K	1

sp | P43274 | H14_MOUSE

[Acetyl]ETAPAAPAAPAPAEKTPVKKK



sp | P43274 | H14_MOUSE

[Acetyl]ETAPAAPAAPAPAEKTPVKKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.92
- ▶ F105051.dat
- ▶ query=q9704_p1
- ▶ precursor=551.308440
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2202.211	2186.194	0.000	2185.180	S[2]
E[2]	-276.119	2073.170	2057.152	0.000	2056.144	E[2]
T[3]	377.167	1944.128	1928.109	0.000	1927.101	T[20]
A[4]	448.204	1843.080	1827.061	0.000	1826.053	A[19]
P[5]	545.257	1772.043	1756.024	0.000	1755.016	P[18]
A[6]	616.294	1674.990	1658.971	0.000	1657.964	A[17]
A[7]	687.331	1603.953	1587.934	0.000	1586.926	A[10]
P[8]	784.384	1532.916	1516.897	0.000	1515.889	P[15]
A[9]	855.421	1461.883	1445.864	0.000	1444.857	A[14]
A[10]	926.458	1394.826	1378.807	0.000	1377.799	A[13]
P[11]	1023.511	1293.789	1277.770	0.000	1276.762	P[12]
A[12]	1094.548	1195.750	1180.717	0.000	1179.710	A[11]
P[13]	1191.600	1125.699	1109.680	0.000	1108.672	P[10]
A[14]	1262.638	1028.645	1012.626	0.000	1011.623	A[9]
E[15]	1394.689	957.599	941.580	0.000	940.573	E[6]
K[16]	1519.775	828.567	812.548	813.556	811.540	K[7]
T[17]	1620.823	700.472	684.453	685.461	683.445	T[0]
P[18]	1717.876	599.424	583.405	584.413	582.397	P[5]
V[19]	1816.944	502.371	486.352	487.360	485.345	V[4]
K[20]	1945.039	403.303	387.284	388.292	386.276	K[3]
K[21]	2073.134	275.208	259.189	260.197	258.181	K[0]
K[22]	2201.229	147.111	131.094	132.102	130.085	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]ETAPAAPAAPAPAEKTPVKKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.92
- ▶ F105051.dat
- ▶ query=q9704_p1
- ▶ precursor=551.308440
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
E	1	74.942	1001.717	1093.601	0.504	1093.097	E[2]
E	2	138.583	1037.089	1029.678	0.504	1028.571	E[2]
Y	3	189.087	972.567	964.538	0.504	964.054	Y[20]
A	4	224.606	922.044	914.034	0.504	913.530	A[10]
F	5	273.132	886.525	878.516	0.504	878.017	F[18]
A	6	308.650	837.990	829.989	0.504	829.485	A[17]
A	7	364.169	782.489	794.471	0.504	793.961	A[10]
D	8	392.696	766.962	758.953	0.504	758.444	D[15]
A	9	428.214	715.435	710.426	0.504	709.922	A[14]
A	10	463.733	682.917	674.907	0.504	674.403	A[13]
F	11	512.259	647.390	639.389	0.504	638.885	F[12]
A	12	547.777	598.872	590.862	0.504	590.358	A[11]
F	13	596.304	563.353	555.344	0.504	554.840	F[10]
A	14	631.822	514.827	506.817	0.504	506.311	A[9]
E	15	686.344	479.305	471.299	0.504	470.795	E[8]
R	16	760.391	414.787	406.778	407.281	406.274	R[7]
F	17	810.915	350.730	342.730	343.234	342.226	F[6]
F	18	859.441	300.210	292.205	292.710	291.703	F[5]
V	19	908.976	251.680	243.680	244.184	243.176	V[4]
R	20	973.023	202.157	194.148	194.650	193.642	R[3]
R	21	1037.071	138.100	130.098	130.602	129.594	R[2]
R	22	1101.118	74.060	66.051	66.555	65.547	R[1]

sp | P43274 | H14_MOUSE

[Acetyl]ETAPAAPAAPAPAEKTPVKKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.92
- ▶ F105051.dat
- ▶ query=q9704_p1
- ▶ precursor=551.308440
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	734.742	729.403	0.672	729.067	S[22]
E[2]	92.711	691.728	686.389	0.672	686.053	E[21]
T[3]	126.304	648.714	643.375	0.672	643.039	T[20]
A[4]	190.073	615.032	609.692	0.672	609.356	A[19]
P[5]	182.424	591.352	586.013	0.672	585.677	P[18]
A[6]	206.103	559.002	553.662	0.672	553.326	A[17]
A[7]	229.782	526.321	520.983	0.672	520.647	A[16]
P[8]	252.133	511.641	506.304	0.672	505.968	P[15]
A[9]	285.812	479.293	473.953	0.672	473.617	A[14]
A[10]	309.491	455.614	450.274	0.672	449.938	A[13]
P[11]	341.842	431.934	426.595	0.672	426.259	P[12]
A[12]	365.521	399.584	394.244	0.672	393.908	A[11]
P[13]	397.872	375.905	370.565	0.672	370.229	P[10]
A[14]	421.551	343.554	338.214	0.672	337.878	A[9]
E[15]	464.565	319.875	314.535	0.672	314.199	E[8]
K[16]	507.263	270.866	271.521	271.857	271.485	K[7]
T[17]	560.946	234.161	228.821	229.158	228.487	T[6]
P[18]	573.297	200.475	195.140	195.476	194.804	P[5]
V[19]	606.320	168.129	162.789	163.125	162.453	V[4]
K[20]	649.018	135.105	129.766	130.102	129.430	K[3]
K[21]	691.716	92.407	87.068	87.404	86.732	K[2]
K[22]	734.414	49.700	44.370	44.705	44.034	K[1]

sp | P62806 | H4_MOUSE

DAVYTEHAKRK Acetyl
42.01 TVTAM

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.97
- ▶ F105061.dat
- ▶ query=q1190_p1
- ▶ precursor=655.338870
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	133.061	1961.991	1947.972	0.000	1946.964	D[7]
A[2]	204.098	1548.961	1832.945	0.000	1831.937	A[16]
V[3]	303.166	1777.927	1761.908	0.000	1760.900	V[15]
T[4]	404.214	1678.858	1662.839	0.000	1661.832	T[14]
Y[5]	507.277	1577.810	1561.792	0.000	1560.784	Y[13]
T[6]	608.325	1414.747	1398.728	0.000	1397.721	T[12]
E[7]	797.368	1313.699	1297.681	0.000	1296.673	E[11]
H[8]	824.229	1194.657	1168.638	0.000	1167.630	H[10]
A[9]	1005.464	1047.598	1031.579	0.000	1030.571	A[9]
K[10]	1133.559	978.561	960.542	961.550	959.534	K[8]
R[11]	1289.600	848.460	832.447	831.435	831.439	R[7]
R[12]	1459.765	692.355	676.346	677.354	675.339	R[6]
T[13]	1569.813	522.250	506.240	507.248	505.233	T[5]
V[14]	1659.881	423.212	405.193	406.201	404.185	V[4]
T[15]	1760.929	322.143	306.124	307.132	305.117	T[3]
A[16]	1831.968	221.090	205.077	206.085	204.069	A[2]
M[17]	1963.007	150.058	134.040	135.047	133.032	M[1]

sp | P62806 | H4_MOUSE

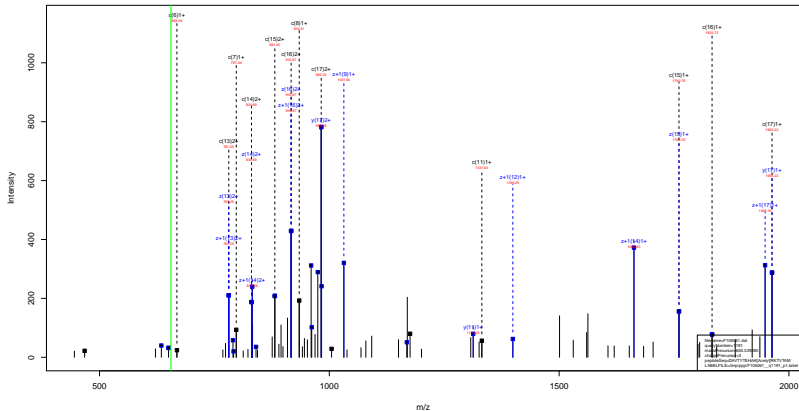
DAVYTEHAKRK ^{Acetyl} 42.01 TVTAM

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.97
- ▶ F105061.dat
- ▶ query=q1190_p1
- ▶ precursor=655.338870
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	982.499	974.490	0.504	973.986	D[17]
A[2]	102.953	924.985	916.976	0.504	916.472	A[16]
V[3]	152.087	889.467	881.458	0.504	880.954	V[15]
T[4]	202.611	839.933	831.923	0.504	831.419	T[14]
Y[5]	284.142	789.409	781.399	0.504	780.896	Y[13]
I[6]	334.666	707.877	699.868	0.504	699.364	I[12]
E[7]	399.189	657.351	649.344	0.504	648.840	E[11]
H[8]	467.717	602.822	584.821	0.504	584.319	H[10]
A[9]	503.235	524.303	516.293	0.504	515.789	A[9]
K[10]	567.283	488.784	480.775	481.279	480.271	K[8]
R[11]	645.333	424.737	416.727	417.231	416.223	R[7]
K[12]	730.386	346.686	338.677	339.181	338.173	K[6]
T[13]	780.910	261.637	253.624	254.128	253.120	T[5]
V[14]	830.444	211.109	203.100	203.604	202.596	V[4]
T[15]	880.968	161.575	153.566	154.070	153.062	T[3]
A[16]	916.487	111.051	103.042	103.546	102.538	A[2]
M[17]	982.007	75.533	67.523	68.027	67.020	M[1]

sp | P62806 | H4_MOUSE

DAVYTEHAK Acetyl RKTVTAM
42.01



sp | P62806 | H4_MOUSE

DAVITYTEHAK ^{Acetyl} 42.01 RKTVTAM

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.90
- ▶ F105061.dat
- ▶ query=q1191_p1
- ▶ precursor=655.339280
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	133.061	1963.991	1947.972	0.000	1348.963	D[7]
A[2]	204.098	1348.963	1832.945	0.000	1831.937	A[16]
V[3]	303.166	1777.927	1761.908	0.000	1760.900	V[15]
T[4]	404.214	1678.859	1662.839	0.000	1661.832	T[14]
Y[5]	507.277	1577.810	1561.792	0.000	1560.784	Y[13]
T[6]	668.325	1414.747	1398.728	0.000	1397.721	T[12]
E[7]	797.368	1313.699	1297.681	0.000	1296.673	E[11]
H[8]	934.426	1194.667	1168.638	0.000	1167.630	H[10]
A[9]	1005.464	1047.598	1031.579	0.000	1030.571	A[9]
K[10]	1175.569	978.561	960.542	961.550	959.534	K[8]
R[11]	1331.670	806.455	790.437	791.444	789.429	R[7]
K[12]	1459.765	650.354	634.335	635.343	633.329	K[6]
T[13]	1580.813	522.250	506.240	507.248	505.233	T[5]
V[14]	1659.891	423.212	405.193	406.201	404.185	V[4]
T[15]	1760.929	322.143	306.124	307.132	305.117	T[3]
A[16]	1831.966	221.095	205.077	206.085	204.069	A[2]
M[17]	1963.007	150.058	134.040	135.047	133.032	M[1]

sp | P62806 | H4_MOUSE

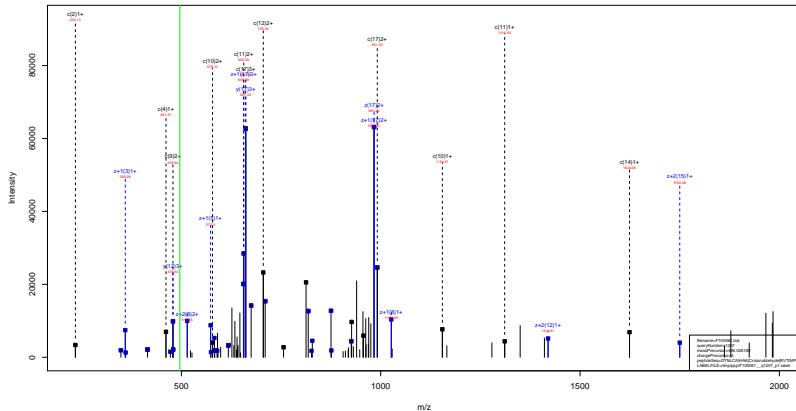
DAVYTEHAK ^{Acetyl} 42.01 RKTVTAM

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.90
- ▶ F105061.dat
- ▶ query=q1191_p1
- ▶ precursor=655.339280
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	982.499	974.490	0.504	973.985	D[17]
A[2]	102.553	924.985	916.976	0.504	916.472	A[16]
V[3]	152.087	889.467	881.458	0.504	880.954	V[15]
T[4]	202.611	839.933	831.923	0.504	831.419	T[14]
Y[5]	284.142	789.409	781.399	0.504	780.896	Y[13]
I[6]	334.666	707.877	699.868	0.504	699.364	I[12]
E[7]	399.187	657.351	649.344	0.504	648.840	E[11]
H[8]	467.717	602.822	584.821	0.504	584.319	H[10]
A[9]	503.235	524.303	516.293	0.504	515.789	A[9]
K[10]	588.288	488.784	480.775	481.279	480.271	K[8]
R[11]	666.339	403.731	395.722	396.226	395.218	R[7]
K[12]	730.386	325.681	317.671	318.175	317.167	K[6]
T[13]	780.910	261.633	253.624	254.128	253.120	T[9]
V[14]	830.444	211.109	203.100	203.604	202.596	V[4]
T[15]	880.968	161.575	153.566	154.070	153.062	T[9]
A[16]	916.487	111.051	103.042	103.546	102.538	A[2]
M[17]	982.007	75.533	67.523	68.027	67.020	M[1]

sp | P68433 | H31_MOUSE

DTNLCAIHAK Crotonaldehyde RVTIMPK
70.04



sp | P68433 | H31_MOUSE

DTNLCAIHAK Crotonaldehyde
70.04 RVTIMPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.96
- ▶ F105061.dat
- ▶ query=q1207.p1
- ▶ precursor=496.026180
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
D	1	133.951	1081.072	1965.053	0.000	1966.046	D
T	2	234.108	1866.945	1690.036	0.000	1849.019	T
N	3	348.151	1764.985	1748.979	1749.987	1747.971	N
L	4	461.235	1650.955	1634.930	1635.944	1633.928	L
C	5	564.245	1537.971	1521.850	1522.860	1520.844	C
A	6	635.262	1434.861	1418.843	1419.850	1417.835	A
H	7	748.268	1363.824	1347.805	1348.813	1346.798	H
W	8	889.276	1250.740	1234.721	1235.729	1233.714	W
A	9	956.462	1113.681	1097.663	1098.670	1096.655	A
K	10	1154.599	1042.644	1026.625	1027.633	1025.618	K
R	11	1310.700	844.507	828.489	829.496	827.481	R
V	12	1409.768	688.400	672.387	673.395	671.380	V
I	13	1510.816	589.338	573.319	574.327	572.311	I
I	14	1623.908	488.290	472.271	473.279	471.264	I
M	15	1754.940	375.205	359.187	360.195	358.180	M
P	16	1851.993	244.166	228.149	229.155	227.139	P
K	17	1980.888	147.113	131.094	132.102	130.088	K

sp | P68433 | H31_MOUSE

DTNLCAIHAK ^{Crotonaldehyde} 70.04 RVTIMPK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.96
- ▶ F105061.dat
- ▶ query=q1207.p1
- ▶ precursor=496.026180
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	991.040	981.030	0.504	902.526	D[17]
Y[2]	117.558	933.526	925.517	0.504	925.013	Y[16]
N[3]	174.579	883.002	874.993	875.497	874.489	N[15]
L[4]	231.121	825.981	817.972	818.475	817.468	L[14]
C[5]	282.626	769.439	761.430	761.933	760.936	C[13]
A[6]	318.145	717.934	709.925	710.429	709.421	A[12]
T[7]	374.687	662.416	674.406	674.910	673.903	T[11]
H[8]	431.216	628.874	617.864	618.368	617.360	H[10]
A[9]	478.735	557.344	549.335	549.839	548.831	A[9]
K[10]	577.803	521.826	513.816	514.320	513.312	K[8]
R[11]	655.854	422.757	414.748	415.252	414.244	R[7]
V[12]	705.388	344.707	336.697	337.201	336.193	V[6]
Y[13]	755.912	295.173	287.163	287.667	286.659	Y[5]
T[14]	812.454	244.649	236.639	237.143	236.135	T[4]
M[15]	877.974	188.107	180.097	180.601	179.593	M[3]
P[16]	926.500	122.585	114.577	115.081	114.073	P[2]
K[17]	990.548	74.060	66.051	66.555	65.547	K[1]

sp | P68433 | H31_MOUSE

DTNLCAIHAK Crotonaldehyde
70.04 RVTIMPK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.96
- ▶ F105061.dat
- ▶ query=q1207.p1
- ▶ precursor=496.026180
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	45.025	661.029	655.689	0.672	655.353	D[17]
T[2]	78.708	622.687	617.347	0.672	617.011	T[16]
N[3]	116.722	589.004	583.664	584.000	583.329	N[15]
L[4]	154.417	550.995	545.050	545.986	545.314	L[14]
C[5]	188.753	513.295	507.955	508.291	507.620	C[13]
A[6]	212.432	478.959	473.019	473.955	473.283	A[12]
V[7]	250.127	456.280	449.980	450.276	449.604	V[11]
H[8]	289.813	417.585	412.245	412.581	411.909	H[10]
A[9]	319.492	371.899	366.559	366.895	366.223	A[9]
K[10]	385.538	348.220	342.880	343.216	342.544	K[8]
R[11]	437.571	282.174	276.834	277.170	276.498	R[7]
V[12]	470.594	230.140	224.801	225.137	224.465	V[6]
T[13]	504.277	197.117	191.778	192.114	191.442	T[5]
T[14]	541.971	163.435	158.095	158.431	157.759	T[4]
M[15]	585.952	125.740	120.401	120.737	120.065	M[3]
T[16]	618.003	82.060	76.720	77.056	76.385	T[2]
K[17]	660.701	49.705	44.370	44.705	44.034	K[1]

sp | P68433 | H31_MOUSE

DTNLCAIHAK Crotonaldehyde
70.04 RVTIMPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.99
- ▶ F105061.dat
- ▶ query=q1208.p1
- ▶ precursor=661.032820
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
D [1]	133.051	1081.072	1965.053	0.000	1966.046	D [7]
T [2]	234.108	1866.045	1050.705	0.000	1849.019	T [6]
N [3]	348.151	1764.985	1748.979	1749.987	1747.971	N [15]
L [4]	461.235	1650.955	1634.930	1635.944	1633.928	L [14]
C [5]	564.245	1537.871	1521.850	1522.860	1520.844	C [13]
A [6]	635.282	1434.861	1418.843	1419.850	1417.835	A [12]
H [7]	748.366	1383.824	1347.805	1348.813	1346.798	H [11]
W [8]	869.429	1250.740	1248.723	1235.729	1233.714	W [10]
A [9]	956.462	1113.681	1097.663	1098.670	1096.655	A [9]
K [10]	1154.599	1042.644	1026.625	1027.633	1025.618	K [8]
R [11]	1310.700	844.507	828.489	829.496	827.481	R [7]
V [12]	1409.759	688.400	672.387	673.395	671.380	V [0]
T [13]	1510.816	589.338	573.319	574.327	572.311	T [9]
I [14]	1623.900	488.290	472.271	473.279	471.264	I [4]
M [15]	1754.040	375.205	359.187	360.195	358.180	M [3]
P [16]	1851.993	244.166	228.149	229.155	227.139	P [2]
K [17]	1980.888	147.113	131.094	132.102	130.088	K [1]

sp | P68433 | H31_MOUSE

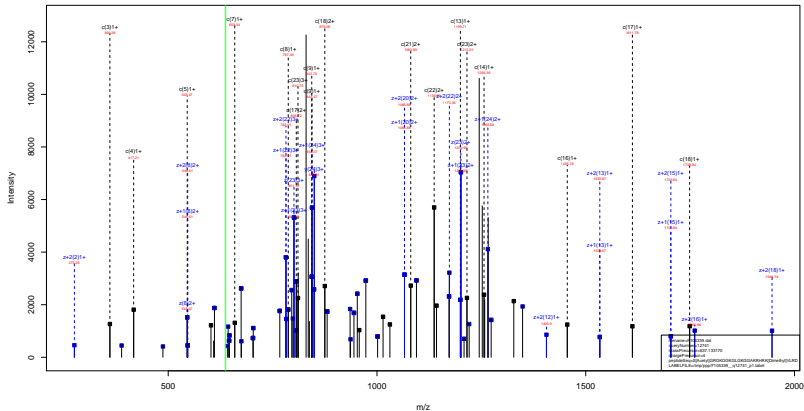
DTNLCAIHAK ^{Crotonaldehyde} 70.04 RVTIMPK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.99
- ▶ F105061.dat
- ▶ query=q1208.p1
- ▶ precursor=661.032820
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	991.040	981.030	0.504	982.526	D[17]
Y[2]	117.558	933.526	925.517	0.504	925.013	Y[16]
N[3]	174.579	883.002	874.993	875.497	874.489	N[15]
L[4]	231.121	825.981	817.972	818.475	817.468	L[14]
C[5]	282.626	769.439	761.430	761.933	760.926	C[13]
A[6]	318.145	717.934	709.925	710.429	709.421	A[12]
V[7]	374.687	662.415	674.405	674.910	673.902	V[11]
H[8]	443.216	628.874	617.864	618.368	617.360	H[10]
A[9]	478.735	557.344	549.335	549.839	548.831	A[9]
K[10]	577.803	521.826	513.816	514.320	513.312	K[8]
R[11]	655.854	422.757	414.748	415.252	414.244	R[7]
V[12]	705.388	344.707	336.697	337.201	336.193	V[6]
T[13]	755.912	295.173	287.163	287.667	286.659	T[5]
T[14]	812.454	244.649	236.639	237.143	236.135	T[4]
M[15]	877.974	188.107	180.097	180.601	179.593	M[3]
Y[16]	925.500	122.585	114.577	115.081	114.073	Y[5]
K[17]	990.548	74.060	66.051	66.555	65.547	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl}VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=140.79
- ▶ F105339.dat
- ▶ query=q12741_p1
- ▶ precursor=637.133170
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2545.502	2529.483	0.000	2528.478	S[24]
G	2	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R	3	368.199	2289.438	2243.419	2244.427	2242.412	R[22]
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K	5	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.063	1760.044	1761.072	1759.056	G[16]
L	10	927.559	1719.041	1703.043	1704.050	1702.035	L[15]
G	11	1014.580	1662.027	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.959	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.795	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1435.850	1249.791	1219.782	1220.770	1218.764	R[9]
R	17	1611.951	1107.685	1081.667	1092.675	1090.659	R[8]
H	18	1749.010	951.585	935.566	936.574	934.558	H[7]
R	19	1908.111	814.526	798.507	799.515	797.499	R[6]
K	20	2061.238	658.425	642.406	643.414	641.398	K[5]
V	21	2180.306	502.298	486.280	487.287	485.272	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
R	23	2429.491	280.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=140.79
- ▶ F105339.dat
- ▶ query=q12741_p1
- ▶ precursor=637.133170
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
K[3]	180.603	1180.223	1172.213	1172.717	1171.700	R[22]
G[4]	259.114	1102.172	1094.163	1094.567	1093.659	G[21]
K[5]	273.153	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.293	860.036	852.027	853.529	851.521	L[15]
G[11]	507.794	803.482	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	638.863	682.423	674.414	674.918	673.910	G[11]
A[15]	684.381	653.913	645.903	646.407	645.399	A[10]
R[16]	739.439	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.290	468.289	468.791	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	339.716	321.707	322.211	321.203	K[5]
V[21]	1080.667	251.663	243.653	244.157	243.149	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=140.79
- ▶ F105339.dat
- ▶ query=q12741.p1
- ▶ precursor=637.133170
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.359	587.695	587.024	G[16]
L[10]	319.858	573.692	568.352	568.688	568.016	L[15]
G[11]	338.865	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVT Acetyl 42.01 KVQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.26
- ▶ F105339.dat
- ▶ query=q13317.p2
- ▶ precursor=546.915780
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	115.087	2730.551	2714.533	0.000	2713.525	P[25]
D	3	230.114	3033.498	2847.480	0.000	2818.471	D[24]
F	3	327.156	3518.472	2952.453	0.000	2901.442	F[23]
A	4	398.203	2421.416	2405.400	0.000	2404.392	A[22]
K	5	526.298	2330.382	2334.363	2335.371	2333.355	K[21]
S	6	613.330	2222.287	2206.268	2207.276	2205.260	S[20]
A	7	683.368	2135.255	2119.236	2120.244	2118.228	A[19]
F	8	781.420	2054.218	2048.199	2049.207	2047.191	F[18]
A	9	852.453	1967.185	1951.166	1952.174	1950.158	A[17]
P	10	949.510	1896.128	1880.109	1881.117	1879.101	P[16]
K	11	1077.605	1799.075	1783.056	1784.064	1782.048	K[15]
K	12	1247.711	1670.980	1654.961	1655.969	1653.953	K[14]
C	13	1304.732	1590.974	1484.953	1485.964	1483.948	C[13]
S	14	1391.764	1443.953	1427.934	1428.942	1426.926	S[12]
K	15	1561.870	1336.921	1340.902	1341.910	1339.894	K[11]
K	16	1689.995	1186.715	1170.697	1171.705	1169.689	K[10]
A	17	1781.002	1058.620	1042.602	1043.610	1041.594	A[9]
V	18	1866.070	987.583	971.565	972.572	970.557	V[8]
T	19	2003.128	898.515	873.496	873.504	871.488	T[7]
K	20	2131.223	745.457	720.438	720.446	718.430	K[6]
V	21	2230.292	617.382	601.343	602.351	600.335	V[5]
Q	22	2358.350	518.293	502.275	503.282	501.267	Q[4]
K	23	2486.445	390.235	374.216	375.224	373.208	K[3]
K	24	2614.540	282.140	246.121	247.129	245.113	K[2]
D	25	2726.587	134.045	118.026	119.034	117.018	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVT Acetyl 42.01 KVQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.26
- ▶ F105339.dat
- ▶ query=q13317.p2
- ▶ precursor=546.915780
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	a+1	a+2	z	AA
P	1	58.647	1365.779	1357.770	0.504	1357.266	P[25]
D	3	115.560	1317.253	1309.244	0.504	1308.740	D[24]
P	3	104.087	1259.730	1251.730	0.504	1251.226	P[23]
A	4	199.605	1311.213	1203.204	0.504	1202.700	A[22]
K	5	263.653	1175.694	1167.685	1168.189	1167.181	K[21]
S	6	307.169	1111.647	1103.638	1104.142	1103.134	S[20]
A	7	362.697	1058.131	1050.122	1050.626	1059.618	A[19]
P	8	391.214	932.612	924.603	925.107	924.599	P[18]
A	9	426.732	984.086	976.077	976.581	975.573	A[17]
P	10	475.259	948.567	940.559	941.062	940.054	P[16]
K	11	539.306	900.041	892.032	892.536	891.528	K[15]
K	12	624.359	835.994	827.984	828.488	827.480	K[14]
Q	13	672.517	750.941	742.931	743.435	742.428	Q[13]
S	14	696.386	722.430	714.421	714.925	713.917	S[12]
K	15	781.438	678.914	670.905	671.409	670.401	K[11]
K	16	845.486	593.861	585.852	586.356	585.348	K[10]
A	17	881.005	529.814	521.804	522.308	521.301	A[9]
V	18	930.539	494.295	486.286	486.790	485.782	V[8]
T	19	1002.866	444.761	436.752	437.256	436.248	T[7]
K	20	1066.115	373.529	365.520	366.024	365.017	K[6]
V	21	1115.650	309.184	301.175	301.679	300.671	V[5]
Q	22	1179.679	259.650	251.641	252.145	251.137	Q[4]
K	23	1243.726	195.621	187.612	188.116	187.108	K[3]
K	24	1307.774	131.574	123.564	124.068	123.060	K[2]
D	25	1385.287	87.528	79.517	80.021	79.013	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVT Acetyl 42.01 KVQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.26
- ▶ F105339.dat
- ▶ query=q13317.p2
- ▶ precursor=546.915780
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	30.034	910.855	905.516	0.672	905.180	P[25]
D[2]	77.376	878.504	873.165	0.672	872.829	D[24]
P[3]	109.727	840.162	834.822	0.672	834.487	P[23]
A[4]	133.406	807.811	802.472	0.672	802.136	A[22]
K[5]	176.104	784.132	778.792	779.128	778.457	K[21]
S[6]	205.115	751.438	736.094	736.430	735.788	S[20]
A[7]	228.794	712.823	707.483	707.819	706.748	A[19]
P[8]	251.145	688.744	683.404	683.740	683.099	P[18]
A[9]	294.824	656.193	651.054	651.389	650.718	A[17]
P[10]	317.175	632.714	627.375	627.710	627.039	P[16]
K[11]	359.873	600.363	595.024	595.360	594.688	K[15]
K[12]	418.575	557.665	552.325	552.661	551.989	K[14]
G[13]	435.582	500.963	495.623	495.959	495.287	G[13]
S[14]	464.593	481.956	476.616	476.952	476.280	S[12]
K[15]	533.295	452.945	447.605	447.942	447.270	K[11]
K[16]	563.993	396.243	390.903	391.240	390.568	K[10]
A[17]	587.672	353.545	348.205	348.541	347.869	A[9]
V[18]	630.695	329.866	324.526	324.862	324.190	V[8]
T[19]	668.381	296.843	291.503	291.840	291.168	T[7]
K[20]	711.079	249.157	243.817	244.153	243.482	K[6]
V[21]	744.102	206.459	201.119	201.455	200.783	V[5]
Q[22]	786.788	173.436	168.096	168.432	167.760	Q[4]
K[23]	829.487	130.750	125.410	125.746	125.074	K[3]
K[24]	872.185	88.051	82.712	83.048	82.376	K[2]
D[25]	910.327	45.353	40.014	40.349	39.678	D[1]

sp | Q64525 | H2B2B_MOUSE

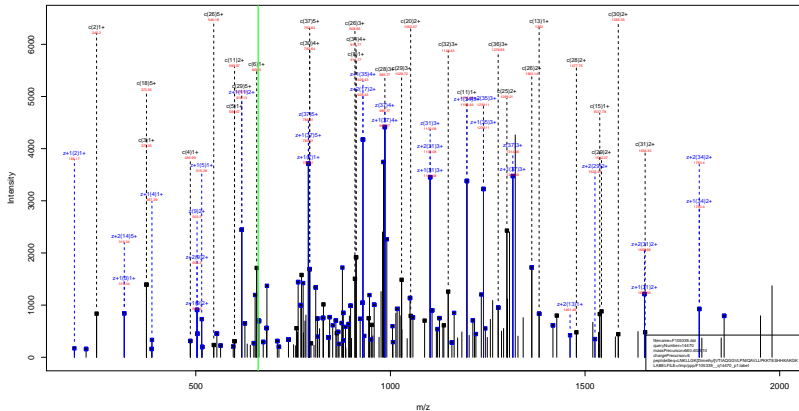
PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVT Acetyl 42.01 KVQKKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=58.26
- ▶ F105339.dat
- ▶ query=q13317.p2
- ▶ precursor=546.915780
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	29.527	603.393	679.389	0.755	679.137	P 25
D	2	58.284	659.130	655.125	0.755	654.873	D 24
P	3	82.547	630.373	626.369	0.755	626.117	P 23
A	4	100.305	606.110	602.105	0.755	601.854	A 22
K	5	132.330	589.391	584.345	584.398	584.094	K 21
S	6	154.088	556.327	551.322	552.314	552.070	S 20
A	7	171.547	534.550	530.504	530.816	530.312	A 19
P	8	196.111	516.810	512.805	513.057	512.553	P 18
A	9	213.870	492.547	488.542	488.794	488.290	A 17
P	10	238.133	474.787	470.783	471.035	470.531	P 16
K	11	270.157	450.524	446.520	446.771	446.268	K 15
K	12	312.683	418.500	414.496	414.748	414.244	K 14
G	13	326.938	375.974	371.969	372.221	371.717	G 13
S	14	348.696	361.719	357.714	357.966	357.462	S 12
K	15	391.223	339.961	335.956	336.208	335.704	K 11
K	16	423.247	297.435	293.430	293.682	293.178	K 10
A	17	441.026	285.411	281.406	281.658	281.154	A 9
V	18	465.773	247.651	243.647	243.899	243.395	V 8
T	19	501.538	222.884	218.880	219.131	218.628	T 7
K	20	533.561	187.120	183.115	183.367	182.863	K 6
V	21	558.328	155.096	151.091	151.343	150.839	V 5
Q	22	590.343	130.529	126.524	126.576	126.072	Q 4
K	23	622.367	98.314	94.309	94.561	94.057	K 3
K	24	654.391	66.290	62.286	62.538	62.034	K 2
D	25	683.147	34.267	30.262	30.514	30.010	D 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.37
- ▶ F105339.dat
- ▶ query=q14470.p1
- ▶ precursor=660.402510
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	a+1	a+2	z	AA
L1		101118	357385	3941360	0.000	3940350	L137
TW3		245.161	3944301	3528262	3629290	3527275	W30
K3		373.256	3730258	3714230	3715247	3713232	K35
L4		486.340	3602163	3586144	3567152	3585137	L34
L5		599.424	3489079	3473000	3474068	3472051	L33
G6		656.445	3375905	3359070	3360084	3358069	G32
K7		812.572	3318074	3302955	3303963	3301947	K31
Y8		911.640	3152959	3148920	3147936	3146951	Y30
T9		1012088	3063729	3047750	3048768	3046752	T29
I10		1125.772	2962731	2946713	2947720	2945705	I28
A11		1196.809	2849647	2833620	2834636	2832621	A27
Q12		1324867	2778010	2762010	2763009	2761004	Q26
Q13		1381.869	2650562	2634533	2635541	2633525	Q25
G14		1448910	2593836	2577811	2578819	2576804	G24
V15		1537.979	2536509	2520480	2521498	2519482	V23
L16		1651063	2437440	2421421	2422429	2420414	L22
F17		1748116	2324356	2308337	2309345	2307330	F21
N18		1862159	2227303	2211285	2212292	2210277	N20
I19		1875243	2113260	2097242	2098250	2096234	I19
Q20		2103303	2000176	1984158	1985166	1983150	Q23
A21		2174338	1872118	1856099	1857107	1855091	A17
V22		2273407	1801081	1785062	1786070	1784054	V16
L23		2388491	1702012	1685994	1687001	1684986	L15
L24		2499575	1588928	1572909	1573917	1571902	L14
T25		2608628	1475844	1459825	1460833	1458817	T13
K26		2724723	1378791	1362773	1363780	1361765	K12
K27		2852818	1250696	1234678	1235685	1233670	K11
T28		2953895	1122601	1106583	1107591	1105575	T10
E29		3082908	1021354	1005335	1006343	1004327	E9
S30		3169940	892311	876492	877500	875485	S8
T31		3308999	825979	789460	790468	788452	T7
H32		3444058	668420	652401	653409	651394	H6
K33		3572153	531361	515343	516350	514335	K5
A34		3643190	401266	387240	388255	386240	A4
K35		3771285	332220	316211	317218	315203	K3
G36		3828306	204134	188116	189123	187106	G2
K37		3956401	147113	131094	132102	130086	K1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.37
- ▶ F105339.dat
- ▶ query=q14470.p1
- ▶ precursor=660.402510
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.061	1079.190	1391.187	0.504	1070.683	L137
N2	123.064	1022.064	1014.052	1015.140	1014.241	N30
N3	187.132	1066.616	1857.623	1059.237	1857.119	K101
L4	253.674	1001.585	1793.576	1794.080	1793.072	L134
L5	300.216	1745.043	1737.034	1737.538	1736.530	L133
G6	328.726	1638.501	1680.492	1680.996	1679.989	G32
K7	406.789	1659.990	1651.981	1652.485	1651.477	K31
V8	495.324	1384.927	1247.913	1247.422	1247.414	V30
V9	508.848	1532.931	1524.924	1524.888	1523.880	V129
I10	563.390	1481.869	1473.860	1474.364	1473.356	I28
A11	568.908	1625.377	1417.318	1417.822	1416.814	A27
Q12	662.937	1339.809	1381.799	1382.303	1381.295	Q28
G13	691.448	1325.779	1317.770	1318.274	1317.266	G25
G14	718.960	1297.266	1289.259	1289.763	1288.755	G24
V15	769.493	1268.758	1260.749	1261.252	1260.245	V23
L16	826.035	1219.224	1211.214	1211.718	1210.710	L22
F17	874.561	1162.662	1154.672	1155.176	1154.169	F21
N18	931.583	1114.155	1106.146	1106.650	1105.642	N20
T19	988.125	1057.134	1049.127	1049.628	1048.621	T19
Q20	1052.154	1020.592	992.582	993.086	992.079	Q18
A21	1087.673	938.963	928.553	929.057	928.049	A17
V22	1137.207	901.044	893.035	893.539	892.531	V16
L23	1193.749	851.510	843.500	844.004	842.997	L15
L24	1200.291	794.062	786.055	787.462	786.454	L14
F25	1298.817	738.426	730.418	730.922	729.915	F13
K26	1362.865	689.959	681.890	682.394	681.386	K12
K27	1426.912	625.852	617.842	618.346	617.339	K11
T28	1477.436	561.804	553.795	554.299	553.291	T10
E29	1541.958	511.281	503.271	503.775	502.767	E10
S30	1585.474	448.769	438.760	439.264	438.257	S28
H31	1654.003	403.243	395.234	395.738	394.731	H27
H32	1722.512	334.714	326.704	327.208	326.201	H46
K33	1786.580	266.184	258.175	258.679	257.671	K35
A34	1822.099	202.137	194.127	194.631	193.624	A4
K35	1886.146	146.618	138.609	139.113	138.105	K33
G36	1914.657	102.571	94.561	95.065	94.057	G21
K37	1978.704	74.060	66.051	66.555	65.547	K11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.37
- ▶ F105339.dat
- ▶ query=q14470.p1
- ▶ precursor=660.402510
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
L1	44.377	1319.800	1314.460	0.672	1314.124	L137
N12	82.392	1262.105	1276.766	1277.102	1276.430	N30
N13	128.600	1244.091	1238.751	1239.087	1238.415	K101
L14	162.795	1201.931	1196.053	1196.389	1195.717	L134
L15	200.479	1163.698	1158.358	1158.694	1158.022	L133
G16	219.457	1126.003	1120.664	1121.000		G132
K17	271.519	1106.996	1101.656	1101.992	1101.321	K131
V18	304.562	1074.959	1049.614	1049.950	1049.278	V130
V19	338.214	1021.931	1016.592	1016.928	1016.256	V129
I10	375.020	988.248	982.909	983.245	982.573	I28
A111	399.600	950.554	945.214	945.550	944.877	A127
Q12	442.294		925.875	921.535	921.871	Q128
G113	461.301	884.189	878.849	879.185	878.513	G125
G14	480.308	865.182	859.842	860.178	859.506	G124
V115	513.311	846.174	840.835	841.171	840.499	V123
L116	551.026	813.152	807.812	808.148	807.476	L122
F117	563.177	775.457	770.117	770.453	769.781	F121
M18	621.391	743.106	737.766	738.102	737.430	M20
T119	659.088	705.062	699.722	700.058	699.314	T119
Q120	701.712	667.597	662.057	662.393	661.721	Q118
A121	725.451	634.711	629.371	629.707	629.035	A117
V122	758.474	601.012	595.692	596.028	595.356	V116
L123	796.168	568.009	562.669	563.005	562.333	L115
L124	834.893	530.314	524.973	525.311	524.639	L114
T125	806.214	492.020	487.280	487.616	486.944	T113
K126	908.912	460.265	454.925	455.265	454.593	K112
K127	951.611	417.570	412.231	412.567	411.895	K111
T128	985.293	374.872	369.532	369.868	369.196	T110
E129	1028.307	341.189	335.850	336.186	335.514	E19
S130	1057.318	298.175	292.835	293.172	292.500	S18
H131	1101.024	269.185	263.825	264.161	263.489	H17
H132	1148.691	223.478	218.139	218.475	217.803	H16
K133	1191.389	177.792	172.452	172.788	172.116	K15
A134	1215.088	135.094	129.754	130.090	129.418	A14
K135	1267.609	111.415	106.075	106.411	105.739	K13
G136	1276.774	68.716	63.377	63.713	63.041	G11
K137	1319.472	49.708	44.370	44.705	44.033	K11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=58.37
- ▶ F105339.dat
- ▶ query=q14470_p1
- ▶ precursor=660.402510
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	33.535	990.102	986.097	0.755	985.845	L[37]
N[2]	62.046	961.831	957.826	958.078	957.574	N[36]
K[3]	84.009	933.320	929.315	929.567	928.063	K[35]
L[4]	122.340	891.296	897.292	897.544	897.040	L[34]
L[5]	150.611	873.025	869.021	869.273	868.769	L[33]
G[6]	194.667	844.754	840.750	841.002	840.498	G[32]
K[7]	203.898	830.499	826.494	826.746	826.242	K[31]
V[8]	228.665	791.467	787.463	787.715	787.211	V[30]
T[9]	253.927	766.700	762.696	762.947	762.444	T[29]
I[10]	282.198	741.438	737.434	737.686	737.182	I[28]
A[11]	290.958	713.167	709.163	709.415	708.911	A[27]
Q[12]	341.972	698.408	694.403	694.655	694.151	Q[26]
G[13]	388.226	663.393	659.389	659.641	659.137	G[25]
G[14]	390.483	649.138	645.131	645.383	644.881	G[24]
V[15]	395.290	634.883	630.878	631.130	630.626	V[23]
L[16]	413.521	610.116	606.111	606.363	605.859	L[22]
P[17]	437.784	581.844	577.840	578.092	577.588	P[21]
N[18]	466.295	557.981	553.577	553.829	553.325	N[20]
I[19]	494.566	529.071	525.066	525.318	524.814	I[19]
Q[20]	526.581	500.800	496.795	497.047	496.543	Q[18]
A[21]	544.340	468.785	464.780	465.032	464.528	A[17]
V[22]	569.139	433.026	429.021	429.273	428.769	V[16]
L[23]	597.376	428.295	424.294	424.546	424.042	L[15]
L[24]	625.649	397.988	393.981	394.233	393.731	L[14]
P[25]	649.912	369.716	365.712	365.964	365.460	P[13]
K[26]	681.936	345.453	341.449	341.701	341.197	K[12]
K[27]	713.960	313.430	309.425	309.677	309.173	K[11]
T[28]	739.222	281.406	277.401	277.653	277.149	T[10]
E[29]	771.482	256.144	252.139	252.391	251.887	E[9]
S[30]	793.240	223.883	219.879	220.131	219.627	S[8]
H[31]	827.505	202.125	198.121	198.373	197.869	H[7]
H[32]	861.770	197.861	193.856	194.108	193.604	H[6]
K[33]	893.794	173.996	170.991	171.243	170.739	K[5]
A[34]	911.553	101.572	97.567	97.819	97.315	A[4]
K[35]	943.577	83.813	79.808	80.060	79.556	K[3]
G[36]	957.832	51.789	47.784	48.036	47.532	G[2]
K[37]	989.856	37.534	33.529	33.781	33.277	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

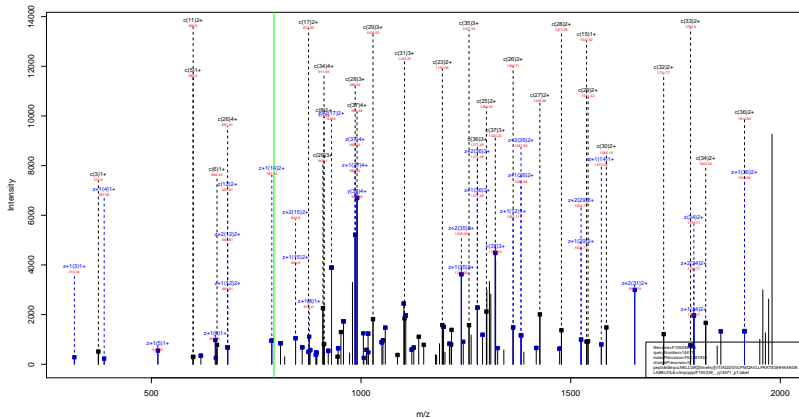
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHHKAKGK

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=58.37
- ▶ F105339.dat
- ▶ query=q14470_p1
- ▶ precursor=660.402510
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	27.029	792.283	789.079	0.806	788.878	L[37]
N[2]	49.838	769.666	766.462	766.664	766.261	N[36]
K[3]	75.457	746.897	743.694	743.895	743.492	K[35]
L[4]	88.074	721.236	718.033	718.236	717.833	L[34]
L[5]	120.691	696.522	693.319	693.519	693.116	L[33]
G[6]	132.095	676.095	672.801	673.003	672.600	G[32]
K[7]	163.320	664.601	661.397	661.598	661.195	K[31]
V[8]	183.134	633.375	630.172	630.373	629.970	V[30]
T[9]	203.343	613.562	610.359	610.559	610.156	T[29]
I[10]	225.960	593.352	590.149	590.350	589.947	I[28]
A[11]	240.168	570.735	567.532	567.733	567.330	A[27]
Q[12]	265.779	558.528	555.324	553.526	553.123	Q[26]
G[13]	277.184	530.916	527.712	527.914	527.511	G[25]
G[14]	288.588	519.512	516.300	516.510	516.107	G[24]
V[15]	308.402	508.108	504.904	505.106	504.702	V[23]
L[16]	331.018	488.294	485.090	485.292	484.889	L[22]
P[17]	350.429	465.677	462.473	462.675	462.272	P[21]
N[18]	373.238	446.266	443.063	443.264	442.861	N[20]
I[19]	395.854	423.458	420.254	420.456	420.053	I[19]
Q[20]	421.466	400.841	397.637	397.839	397.436	Q[18]
A[21]	435.673	378.229	375.026	375.227	374.824	A[17]
V[22]	455.887	363.022	359.819	360.020	359.617	V[16]
L[23]	478.104	341.208	338.004	338.206	337.803	L[15]
L[24]	500.721	318.993	315.789	315.589	315.186	L[14]
P[25]	520.131	295.975	292.771	292.972	292.569	P[13]
K[26]	545.750	276.564	273.360	273.562	273.159	K[12]
K[27]	571.369	250.945	247.741	247.943	247.540	K[11]
T[28]	591.579	225.326	222.122	222.324	221.921	T[10]
E[29]	617.387	205.117	201.913	202.114	201.711	E[9]
S[30]	634.794	179.308	176.104	176.306	175.903	S[8]
H[31]	662.206	161.902	158.698	158.899	158.496	H[7]
H[32]	689.617	134.490	131.286	131.488	131.085	H[6]
K[33]	715.236	107.078	103.874	104.076	103.673	K[5]
A[34]	729.444	81.450	78.255	78.457	78.054	A[4]
K[35]	755.063	67.252	64.048	64.249	63.846	K[3]
G[36]	766.467	41.633	38.429	38.630	38.227	G[2]
K[37]	792.086	30.228	27.025	27.226	26.823	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=96.69
- ▶ F105339.dat
- ▶ query=q14471_p1
- ▶ precursor=792.281950
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	2057.305	3041.369	0.000	2940.391	L137
N12	245.161	1844.301	3828.282	3829.290	3827.275	N130
K13	373.256	3730.258	3714.239	3715.247	3713.231	K135
L14	486.340	3002.163	3586.144	3587.152	3585.137	L134
L15	599.424	3489.079	3471.060	3474.068	3472.053	L133
G16	656.445	3375.995	3359.976	3360.984	3358.969	G132
K17	817.777	3318.974	3302.955	3303.963	3301.947	K131
V18	911.640	3152.941	3146.929	3147.936	3145.921	V136
T19	1012.688	3003.779	3047.760	3048.768	3046.752	T129
I10	1125.772	2962.731	2946.713	2947.720	2945.705	I128
A11	1196.809	2849.647	2833.628	2834.636	2832.621	A127
Q12	1324.907	2778.610	2762.591	2763.599	2761.584	Q126
G13	1381.889	2650.562	2634.543	2635.541	2633.525	G125
G14	1438.939	2593.536	2577.517	2578.519	2576.504	G124
V15	1537.979	2536.505	2520.486	2521.488	2519.482	V123
L16	1651.063	2437.440	2421.421	2422.429	2420.414	L122
F17	1748.116	2324.356	2308.337	2309.345	2307.330	F121
N18	1862.159	2227.303	2211.285	2212.292	2210.277	N120
I19	1975.243	2133.260	2097.242	2098.250	2096.234	I119
Q19	2103.301	2000.176	1984.158	1985.166	1983.150	Q118
A121	2174.338	1872.115	1856.096	1857.107	1855.091	A117
V122	2273.407	1801.081	1785.062	1786.070	1784.054	V116
L123	2366.491	1702.012	1686.004	1687.001	1684.988	L115
L124	2499.575	1588.938	1572.909	1573.917	1571.902	L114
F125	2596.626	1475.844	1459.825	1460.833	1458.818	F113
L126	2724.723	1378.791	1362.773	1363.780	1361.765	L112
R127	2852.818	1256.696	1234.678	1235.685	1233.670	R111
T128	2963.965	1122.601	1106.583	1107.591	1105.575	T110
E129	3062.908	1021.554	1005.535	1006.543	1004.527	E101
S130	3189.940	892.511	876.492	877.500	875.485	S101
H131	3306.999	805.479	789.460	790.468	788.453	H107
T132	3444.058	698.429	682.401	683.409	681.394	T100
K133	3572.153	531.361	515.343	516.350	514.335	K105
A134	3643.190	403.266	387.248	388.255	386.240	A104
K135	3771.285	322.229	316.211	317.218	315.203	K103
G136	3828.306	204.134	188.116	189.123	187.108	G102
K137	3956.401	147.113	131.094	132.102	130.086	K101

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=96.69
- ▶ F105339.dat
- ▶ query=q14471.p1
- ▶ precursor=792.281950
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.001	1079.190	1391.197	0.504	1970.683	L137
N1	123.004	1022.054	1014.645	1015.149	1914.141	K130
N1	107.132	1066.616	1057.623	1058.127	1959.111	K101
L1	263.614	1001.585	1793.576	1794.080	1793.072	L134
L1	300.216	1745.043	1737.034	1737.538	1736.530	L133
G1	328.726	1638.501	1680.492	1680.996	1679.989	G132
K1	406.789	1659.990	1651.981	1652.485	1651.477	K131
V1	456.324	1384.927	1371.913	1374.922	1373.414	V130
V1	508.848	1532.931	1524.384	1524.888	1523.881	V129
I10	563.390	1481.869	1473.860	1474.364	1473.356	I028
A11	568.908	1625.377	1417.318	1417.822	1416.814	A127
Q12	602.917	1339.809	1381.799	1382.303	1381.295	Q128
G13	601.448	1325.779	1317.770	1318.274	1317.266	G125
G14	718.669	1397.596	1289.259	1289.763	1288.755	G124
V15	759.493	1268.758	1250.749	1251.252	1250.245	V123
L16	838.035	1219.224	1211.214	1211.718	1210.710	L122
F17	874.561	1162.662	1154.672	1155.176	1154.169	F121
N18	931.583	1114.155	1106.146	1106.650	1105.642	N120
T19	908.125	1057.134	1049.124	1049.628	1048.621	T119
Q120	1052.154	1020.592	992.583	993.088	992.079	Q118
A121	1087.673	936.963	928.953	929.057	928.049	A117
V122	1137.207	901.044	893.035	893.539	892.531	V116
L123	1193.749	851.510	843.500	844.004	842.997	L115
L14	1092.293	794.988	786.958	787.462	786.454	L114
T125	1208.817	738.436	720.413	720.917	719.910	T113
K126	1362.865	889.899	681.890	682.394	681.386	K112
K127	1426.912	625.852	617.842	618.346	617.339	K111
T128	1477.436	561.804	553.795	554.299	553.291	T110
E10	1541.958	511.281	503.271	503.775	502.767	E10
S10	1585.474	448.769	438.760	439.264	438.256	S10
H11	1654.013	403.243	395.234	395.738	394.730	H11
H12	1722.532	334.714	326.704	327.208	326.200	H10
K133	1786.580	266.184	258.175	258.679	257.671	K13
A14	1822.099	202.137	194.127	194.631	193.624	A14
K135	1898.149	186.610	186.609	189.113	188.105	K13
G136	1914.657	102.571	88.051	88.065	84.951	G13
K137	1978.704	74.080	68.051	68.055	65.547	K11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=96.69
- ▶ F105339.dat
- ▶ query=q14471.p1
- ▶ precursor=792.281504
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
L1	44.377	1319.800	1314.600	0.672	1314.124	L137
N1	62.392	1292.105	1276.766	1277.102	1276.430	N130
N1	128.600	1244.091	1238.751	1239.087	1238.411	K125
L1	162.795	1201.331	1196.053	1196.389	1195.717	L134
L1	200.479	1161.695	1156.358	1158.694	1158.022	L133
G1	219.657	1126.003	1120.664	1121.000	1120.328	G132
K1	271.519	1106.996	1101.656	1101.992	1101.321	K131
V1	304.362	1074.559	1069.614	1069.950	1069.278	V130
V1	338.214	1021.931	1016.592	1016.928	1016.256	V129
I10	375.020	988.248	982.909	983.245	982.571	I081
A11	399.600	950.554	945.214	945.550	944.878	A127
Q12	442.294	925.875	921.535	921.871	921.199	Q128
G13	461.301	894.189	878.849	879.185	878.513	G125
G14	480.308	868.182	853.842	854.178	853.506	G124
V15	513.311	840.174	840.510	841.371	840.499	V123
L16	551.026	813.152	807.812	808.148	807.476	L122
F17	563.377	775.451	770.117	770.453	769.781	F121
N18	621.391	743.106	737.766	738.102	737.430	N120
T19	659.088	705.062	699.732	700.388	699.411	T119
Q120	701.712	667.397	662.057	662.393	661.721	Q118
A121	725.451	634.711	630.371	630.707	629.035	A117
V122	758.474	601.012	595.692	596.028	595.356	V116
L123	796.118	568.009	562.669	563.005	562.333	L115
L124	831.863	530.314	524.975	525.311	524.639	L114
T125	868.214	492.020	487.280	487.616	486.944	T113
K126	908.912	460.265	454.926	455.262	454.591	K112
K127	951.611	417.570	412.231	412.567	411.895	K111
T128	985.293	374.872	369.532	369.868	369.196	T110
E129	1028.307	341.189	335.850	336.186	335.514	E109
S130	1057.318	298.375	292.838	293.172	292.500	S108
H131	1103.004	269.185	263.825	264.161	263.489	H107
H132	1148.691	223.478	218.139	218.475	217.803	H106
K133	1191.389	177.792	172.452	172.788	172.116	K105
A134	1215.068	135.094	129.754	130.090	129.418	A104
K135	1257.766	111.415	106.075	106.411	105.739	K103
G136	1276.774	68.716	63.377	63.713	63.041	G102
K137	1319.472	49.709	44.370	44.705	44.033	K101

sp | Q6GSS7 | H2A2A_MOUSE

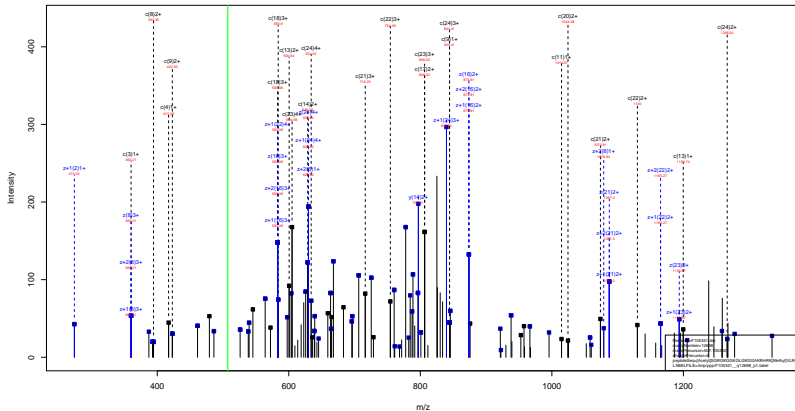
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=96.69
- ▶ F105339.dat
- ▶ query=q14471.p1
- ▶ precursor=792.281950
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	33.535	990.102	986.097	0.755	985.845	L[37]
N[2]	62.046	961.831	957.826	958.078	957.574	N[36]
K[3]	84.089	933.320	929.315	929.567	929.063	K[35]
L[4]	122.340	901.296	897.293	897.544	897.040	L[34]
L[5]	150.611	873.025	869.021	869.273	868.769	L[33]
G[6]	184.667	844.754	840.750	841.002	840.498	G[32]
K[7]	203.898	830.499	826.494	826.746	826.242	K[31]
V[8]	228.665	791.467	787.463	787.715	787.211	V[30]
T[9]	253.927	766.700	762.696	762.947	762.444	T[29]
I[10]	282.198	741.438	737.434	737.686	737.182	I[28]
A[11]	298.958	713.167	709.163	709.415	708.911	A[27]
Q[12]	341.972	698.408	694.403	694.655	694.151	Q[26]
G[13]	388.228	683.393	679.389	679.641	679.137	G[25]
G[14]	390.483	649.130	645.126	645.378	644.874	G[24]
V[15]	395.290	634.883	630.878	631.130	630.626	V[23]
L[16]	413.521	610.116	606.111	606.363	605.859	L[22]
P[17]	437.784	581.844	577.840	578.092	577.588	P[21]
N[18]	466.295	557.581	553.577	553.829	553.325	N[20]
I[19]	494.566	529.071	525.066	525.318	524.814	I[19]
Q[20]	526.581	500.800	496.795	497.047	496.543	Q[18]
A[21]	544.340	468.785	464.780	465.032	464.528	A[17]
V[22]	569.137	433.026	429.021	429.273	428.769	V[16]
L[23]	597.378	428.295	424.291	424.543	424.039	L[15]
L[24]	625.649	397.988	393.983	394.235	393.731	L[14]
P[25]	649.912	369.716	365.712	365.964	365.460	P[13]
K[26]	681.936	345.453	341.449	341.701	341.197	K[12]
K[27]	713.960	313.430	309.425	309.677	309.173	K[11]
T[28]	739.222	281.406	277.401	277.653	277.149	T[10]
E[29]	771.482	256.144	252.139	252.391	251.887	E[9]
S[30]	793.240	223.883	219.879	220.131	219.627	S[8]
H[31]	827.509	202.125	198.121	198.373	197.869	H[7]
H[32]	851.770	167.861	163.856	164.108	163.604	H[6]
K[33]	893.794	133.596	129.591	129.843	129.339	K[5]
A[34]	911.553	101.572	97.567	97.819	97.315	A[4]
K[35]	943.577	83.813	79.808	80.060	79.556	K[3]
G[36]	957.832	51.789	47.784	48.036	47.532	G[2]
K[37]	989.856	37.534	33.529	33.781	33.277	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLRD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=99.30
- ▶ F105341.dat
- ▶ query=q12698_p1
- ▶ precursor=507.105320
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2531.487	2515.468	0.000	2514.460	S[24]
G[2]	204.008	2402.444	2386.425	0.000	2385.417	G[23]
R[3]	368.199	2346.421	2329.404	2130.412	2328.396	R[22]
G[4]	417.230	2189.321	2173.303	2174.310	2172.295	G[21]
K[5]	545.315	2132.300	2116.281	2117.289	2115.273	K[20]
G[6]	602.357	2084.205	1988.186	1989.194	1987.178	G[19]
G[7]	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K[8]	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G[9]	844.475	1782.087	1746.068	1747.076	1745.061	G[16]
L[10]	927.559	1705.046	1689.027	1690.035	1688.019	L[15]
G[11]	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K[12]	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G[13]	1199.697	1406.945	1390.926	1391.934	1389.919	G[12]
G[14]	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A[15]	1327.758	1292.802	1276.783	1277.791	1275.776	A[10]
R[16]	1455.850	1231.765	1203.746	1204.754	1204.739	R[9]
R[17]	1611.951	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1749.010	937.569	921.550	922.558	920.542	H[7]
R[19]	1905.111	800.510	784.491	785.499	783.484	R[6]
K[20]	2047.222	644.409	628.390	629.398	627.382	K[5]
V[21]	2146.290	502.298	486.280	487.287	485.272	V[4]
L[22]	2259.374	403.230	387.211	388.219	386.203	L[3]
R[23]	2415.476	280.146	274.127	275.135	273.119	R[2]
D[24]	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=99.30
- ▶ F105341.dat
- ▶ query=q12698_p1
- ▶ precursor=507.105320
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1266.247	1258.238	0.504	1257.736	S[24]
G[2]	102.553	1201.726	1193.716	0.504	1193.212	G[23]
R[3]	180.603	1173.215	1165.206	1165.709	1164.702	R[22]
G[4]	259.114	1095.164	1087.155	1087.559	1086.551	G[21]
K[5]	273.153	1058.654	1058.644	1059.148	1058.140	K[20]
G[6]	303.672	1002.606	994.597	995.101	994.093	G[19]
G[7]	330.183	974.095	966.086	966.590	965.582	G[18]
K[8]	394.230	945.585	937.575	938.079	937.071	K[17]
G[9]	422.741	881.517	873.528	874.032	873.024	G[16]
L[10]	479.283	893.026	845.017	845.521	844.513	L[15]
G[11]	507.794	796.484	788.475	788.979	787.971	G[14]
K[12]	571.841	767.974	759.964	760.468	759.460	K[13]
G[13]	600.352	703.026	695.917	696.421	695.413	G[12]
G[14]	628.863	675.415	667.406	667.910	666.902	G[11]
A[15]	664.381	648.905	638.895	639.399	638.391	A[10]
R[16]	728.429	611.395	603.377	603.881	602.873	R[9]
R[17]	806.479	547.339	539.329	539.833	538.825	R[8]
H[18]	875.009	469.289	461.279	461.783	460.775	H[7]
R[19]	953.059	400.759	392.749	393.253	392.245	R[6]
K[20]	1024.115	322.706	314.689	315.203	314.195	K[5]
V[21]	1073.649	253.653	245.633	246.147	245.140	V[4]
L[22]	1130.191	202.115	194.100	194.613	193.605	L[3]
R[23]	1206.241	148.577	137.567	138.071	137.063	R[2]
D[24]	1265.755	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=99.30
- ▶ F105341.dat
- ▶ query=q12698.p1
- ▶ precursor=507.105320
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.825	S[24]
G[2]	58.704	801.486	796.147	0.672	795.811	G[23]
R[3]	120.738	782.479	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	588.021	582.680	583.024	582.352	G[16]
L[10]	319.958	569.020	563.680	564.016	563.345	L[15]
G[11]	338.965	531.325	525.986	526.322	525.650	G[14]
K[12]	381.563	512.318	505.979	507.315	506.643	K[13]
G[13]	400.570	469.620	464.280	464.616	463.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.257	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.226	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	633.709	297.508	292.169	292.505	291.833	R[6]
K[20]	683.079	275.475	270.135	270.471	269.799	K[5]
V[21]	716.102	168.104	162.765	163.101	162.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl}VLRD
14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=99.30
- ▶ F105341.dat
- ▶ query=q12698.p1
- ▶ precursor=507.105320
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	633.627	629.622	0.755	629.170	S[24]
G[2]	51.780	501.365	597.362	0.755	597.110	G[23]
R[3]	90.805	587.111	583.106	583.358	582.854	R[22]
G[4]	105.061	548.086	544.081	544.333	543.829	G[21]
K[5]	137.084	533.830	529.826	530.078	529.574	K[20]
G[6]	151.340	501.807	497.802	498.054	497.550	G[19]
G[7]	165.595	487.551	483.547	483.799	483.295	G[18]
K[8]	197.619	473.296	469.291	469.543	469.039	K[17]
G[9]	211.874	441.272	437.268	437.520	437.016	G[16]
L[10]	380.148	427.017	423.012	423.264	422.760	L[15]
G[11]	254.401	398.740	394.741	394.993	394.489	G[14]
K[12]	286.424	384.490	380.486	380.738	380.234	K[13]
G[13]	300.680	352.467	348.462	348.714	348.210	G[12]
G[14]	314.935	338.211	334.207	334.459	333.955	G[11]
A[15]	332.694	323.956	319.951	320.203	319.699	A[10]
K[16]	364.718	306.197	302.192	302.444	301.940	K[9]
R[17]	403.743	274.173	270.168	270.420	269.916	R[8]
H[18]	438.008	235.148	231.143	231.395	230.891	H[7]
R[19]	477.033	200.883	196.878	197.130	196.626	R[6]
K[20]	512.561	161.858	157.853	158.105	157.601	K[5]
V[21]	537.328	126.330	122.325	122.577	122.073	V[4]
L[22]	565.599	101.563	97.558	97.810	97.306	L[3]
R[23]	604.624	73.292	69.287	69.539	69.035	R[2]
D[24]	633.381	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=124.40
- ▶ F105341.dat
- ▶ query=q12784_p1
- ▶ precursor=640.636120
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2509.518	2543.489	0.000	2542.491	S[24]
G[2]	204.098	2430.475	2414.457	0.000	2413.449	G[23]
R[3]	368.199	2373.464	2367.435	2358.443	2366.427	R[22]
G[4]	417.230	2217.953	2200.334	2202.342	2200.334	G[21]
K[5]	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G[6]	602.337	2032.236	2016.218	2017.225	2015.210	G[19]
G[7]	659.358	1975.215	1959.196	1960.204	1958.188	G[18]
K[8]	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G[9]	844.475	1790.098	1774.080	1775.087	1773.072	G[16]
L[10]	927.559	1733.077	1717.058	1718.066	1716.050	L[15]
G[11]	1014.580	1619.993	1603.974	1604.982	1602.966	G[14]
K[12]	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G[13]	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G[14]	1256.718	1377.855	1361.836	1362.844	1360.828	G[11]
A[15]	1327.795	1320.833	1304.815	1305.823	1303.807	A[10]
R[16]	1435.850	1249.796	1233.778	1234.785	1232.770	R[9]
R[17]	1611.951	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1749.010	995.600	949.582	950.589	948.574	H[7]
R[19]	1908.111	828.541	812.523	813.530	811.515	R[6]
K[20]	2075.253	672.440	656.422	657.429	655.414	K[5]
V[21]	2174.322	502.298	486.280	487.287	485.272	V[4]
L[22]	2287.406	403.232	387.214	388.219	386.203	L[3]
R[23]	2443.507	296.146	274.127	275.135	273.119	R[2]
D[24]	2598.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=124.40
- ▶ F105341.dat
- ▶ query=q12784_p1
- ▶ precursor=640.636120
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1280.263	1272.253	0.504	1271.749	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.228	G[23]
R[3]	180.603	1187.231	1179.221	1179.725	1179.711	R[22]
G[4]	259.114	1159.180	1101.171	1101.975	1100.567	G[21]
K[5]	273.151	1087.669	1072.660	1073.164	1072.156	K[20]
G[6]	301.672	1016.622	1008.612	1009.116	1008.108	G[19]
G[7]	330.183	988.111	980.102	980.606	979.599	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	895.551	887.543	888.047	887.040	G[16]
L[10]	479.289	867.042	859.033	859.537	858.529	L[15]
G[11]	507.794	810.500	802.491	802.995	801.987	G[14]
K[12]	571.841	781.989	773.980	774.484	773.476	K[13]
G[13]	600.352	717.942	709.932	710.436	709.429	G[12]
G[14]	628.863	699.431	681.422	681.926	680.919	G[11]
A[15]	684.381	669.920	651.911	652.415	652.407	A[10]
R[16]	739.439	625.402	617.392	617.896	616.889	R[9]
R[17]	806.479	561.354	553.345	553.849	552.841	R[8]
H[18]	875.009	483.304	475.294	475.798	474.791	H[7]
R[19]	953.059	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.130	336.724	328.714	329.218	328.211	K[5]
V[21]	1087.665	251.653	243.643	244.147	243.140	V[4]
L[22]	1144.207	202.119	194.109	194.613	193.606	L[3]
R[23]	1222.257	145.577	137.567	138.071	137.063	R[2]
D[24]	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=124.40
- ▶ F105341.dat
- ▶ query=q12784.p1
- ▶ precursor=640.636120
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.169	S[24]
G[2]	58.704	310.830	905.490	0.672	805.154	G[23]
R[3]	150.738	791.821	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	678.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.660	535.320	535.656	534.984	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	635.709	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	224.818	219.478	219.815	219.143	K[5]
V[21]	725.445	168.104	162.764	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=119.20
- ▶ F105341.dat
- ▶ query=q12975_p1
- ▶ precursor=651.136820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2601.528	2585.510	0.000	2584.502	S[24]
G	2	204.098	2472.488	2456.467	0.000	2455.459	G[23]
R	3	360.199	2415.464	2389.446	2400.451	2398.438	R[22]
G	4	417.220	2259.361	2243.345	2244.352	2242.337	G[21]
K	5	545.315	2202.342	2186.323	2187.331	2185.315	K[20]
G	6	602.337	2074.247	2058.228	2059.236	2057.220	G[19]
G	7	659.358	2017.225	2001.207	2002.214	2000.199	G[18]
K	8	787.453	1960.204	1944.185	1945.193	1943.177	K[17]
G	9	844.475	1832.100	1816.080	1817.098	1815.082	G[16]
L	10	957.559	1775.087	1759.069	1760.077	1758.061	L[15]
Q	11	1014.580	1662.003	1645.985	1646.993	1644.977	Q[14]
K	12	1142.675	1604.982	1588.963	1589.971	1587.955	K[13]
G	13	1199.697	1476.887	1460.868	1461.876	1459.860	G[12]
G	14	1256.718	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1377.737	1362.844	1346.825	1347.833	1345.816	A[10]
R	16	1497.861	1291.801	1275.782	1276.790	1274.769	R[9]
R	17	1653.962	1121.701	1105.683	1106.691	1104.675	R[8]
H	18	1791.021	965.600	949.582	950.589	948.574	H[7]
R	19	1947.122	826.541	812.523	813.530	811.515	R[6]
K	20	2117.264	672.440	656.422	657.429	655.414	K[5]
V	21	2216.132	502.260	486.240	487.247	485.222	V[4]
L	22	2329.418	463.139	447.111	448.119	446.101	L[3]
R	23	2485.517	290.146	274.127	275.135	273.119	R[2]
D	24	2600.544	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=119.20
- ▶ F105341.dat
- ▶ query=q12975_p1
- ▶ precursor=651.136820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1301.268	1293.258	0.504	1299.750	S[24]
G[2]	102.553	1236.747	1228.737	0.504	1228.233	G[23]
R[3]	150.603	1208.236	1200.226	1200.730	1199.723	R[22]
G[4]	209.114	1139.165	1122.115	1122.680	1121.672	G[21]
K[5]	273.163	1101.675	1093.665	1094.169	1093.161	K[20]
G[6]	303.672	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	330.183	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	394.230	950.606	942.595	973.100	972.592	K[17]
G[9]	422.741	916.595	908.549	909.053	908.045	G[16]
L[10]	479.293	858.041	850.030	850.542	849.534	L[15]
G[11]	507.794	831.505	823.496	824.000	822.992	G[14]
K[12]	571.841	802.995	794.985	795.489	794.481	K[13]
G[13]	600.352	738.947	730.938	731.442	730.434	G[12]
G[14]	638.863	710.436	702.427	702.931	701.923	G[11]
A[15]	684.381	681.925	673.916	674.420	673.412	A[10]
R[16]	749.438	646.607	638.308	638.802	637.894	R[9]
R[17]	827.485	561.354	553.345	553.849	552.841	R[8]
H[18]	896.014	483.304	475.294	475.798	474.791	H[7]
R[19]	974.065	414.774	406.765	407.269	406.261	R[6]
K[20]	1059.136	336.724	328.714	329.218	328.211	K[5]
V[21]	1105.670	252.053	243.043	244.547	243.540	V[4]
L[22]	1165.212	202.119	194.109	194.613	193.605	L[3]
R[23]	1243.262	145.577	137.567	138.071	137.063	R[2]
D[24]	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRLD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=119.20
- ▶ F105341.dat
- ▶ query=q12975.p1
- ▶ precursor=651.136820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	867.848	862.508	0.672	862.172	S[24]
G[2]	58.704	324.933	819.494	0.672	819.158	G[23]
R[3]	150.738	805.826	800.487	800.823	800.151	R[22]
G[4]	139.745	753.793	748.453	748.789	748.117	G[21]
K[5]	182.443	734.785	729.446	729.782	729.110	K[20]
G[6]	201.450	692.087	686.748	687.083	686.412	G[19]
G[7]	220.458	673.080	667.740	668.076	667.404	G[18]
K[8]	263.156	654.073	648.733	649.069	648.397	K[17]
G[9]	282.163	631.374	605.035	605.371	605.699	G[16]
L[10]	319.858	602.367	587.028	587.364	586.692	L[15]
G[11]	338.865	554.673	549.333	549.669	548.997	G[14]
K[12]	381.563	535.666	530.326	530.662	529.990	K[13]
G[13]	400.570	492.967	487.628	487.964	487.292	G[12]
G[14]	419.578	473.960	468.620	468.956	468.285	G[11]
A[15]	443.257	454.953	449.613	449.949	449.277	A[10]
K[16]	469.958	431.274	425.934	426.270	425.598	K[9]
R[17]	551.992	374.572	369.232	369.568	368.896	R[8]
H[18]	597.678	322.538	317.198	317.535	316.863	H[7]
R[19]	649.712	276.852	271.512	271.848	271.176	R[6]
K[20]	706.426	224.818	219.478	219.815	219.143	K[5]
V[21]	759.449	168.104	162.764	163.101	162.429	V[4]
L[22]	777.144	135.082	129.742	130.078	129.406	L[3]
R[23]	829.177	97.387	92.047	92.383	91.711	R[2]
D[24]	867.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Trimethyl} KVLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=111.07
- ▶ F105341.dat
- ▶ query=q12976_p1
- ▶ precursor=521.111410
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2001.528	2585.510	0.000	2584.502	S[24]
G	2	204.098	3472.480	2456.467	0.000	2455.459	G[23]
R	3	368.199	2415.464	2399.446	2400.453	2398.433	R[22]
G	4	417.220	2259.363	2243.345	2244.352	2242.331	G[21]
K	5	545.315	2202.342	2186.323	2187.331	2185.315	K[20]
G	6	602.337	2074.247	2058.228	2059.236	2057.220	G[19]
G	7	659.358	2017.225	2001.207	2002.214	2000.199	G[18]
K	8	787.453	1960.204	1944.185	1945.193	1943.177	K[17]
G	9	844.475	1832.100	1816.080	1817.088	1815.062	G[16]
L	10	927.559	1775.087	1759.069	1760.077	1758.061	L[15]
G	11	1014.580	1662.023	1646.005	1646.013	1644.977	G[14]
K	12	1142.675	1604.982	1588.963	1589.971	1587.955	K[13]
G	13	1199.697	1476.887	1460.868	1461.876	1459.860	G[12]
G	14	1256.718	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1327.755	1362.844	1346.825	1347.833	1345.818	A[10]
R	16	1407.883	1293.807	1277.788	1278.796	1274.780	R[9]
R	17	1653.962	1121.701	1105.683	1106.691	1104.675	R[8]
H	18	1791.021	965.650	949.582	950.589	948.574	H[7]
R	19	1089.169	828.541	812.523	813.530	811.515	R[6]
K	20	2117.264	630.393	614.375	615.382	613.367	K[5]
V	21	2216.332	502.268	486.250	487.267	485.272	V[4]
L	22	2329.416	403.239	387.211	388.219	386.203	L[3]
R	23	2485.517	290.140	274.127	-75.135	273.112	R[2]
D	24	2600.544	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Trimethyl} KVLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=111.07
- ▶ F105341.dat
- ▶ query=q12976_p1
- ▶ precursor=521.111410
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1301.268	1293.258	0.504	1299.756	S[24]
G[2]	102.553	1236.747	1228.737	0.504	1228.231	G[23]
K[3]	180.603	1208.236	1200.226	1200.730	1199.221	K[22]
G[4]	259.114	1130.165	1122.118	1122.680	1121.872	G[21]
K[5]	273.151	1101.675	1093.665	1094.169	1093.161	K[20]
G[6]	303.672	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	330.183	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	394.231	930.606	972.596	973.100	972.592	K[17]
G[9]	427.741	916.566	908.549	909.053	908.045	G[16]
L[10]	479.283	868.047	860.038	860.542	859.536	L[15]
G[11]	507.794	831.505	823.496	824.000	823.992	G[14]
K[12]	571.841	802.995	794.985	795.489	794.481	K[13]
G[13]	600.352	738.947	730.938	731.442	730.434	G[12]
G[14]	628.863	710.436	702.427	702.931	701.923	G[11]
A[15]	664.381	681.925	673.916	674.420	673.412	A[10]
K[16]	748.434	646.407	638.398	638.902	637.894	K[9]
R[17]	827.485	561.354	553.345	553.849	552.841	R[8]
H[18]	896.014	483.304	475.294	475.798	474.791	H[7]
R[19]	995.088	414.774	406.765	407.269	406.261	R[6]
K[20]	1059.136	315.700	307.691	308.195	307.187	K[5]
V[21]	1108.670	251.653	243.643	244.147	243.140	V[4]
L[22]	1165.212	202.119	194.109	194.613	193.605	L[3]
R[23]	1243.262	145.577	137.567	138.071	137.063	R[2]
D[24]	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Trimethyl} KVLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=111.07
- ▶ F105341.dat
- ▶ query=q12976.p1
- ▶ precursor=521.111410
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	867.848	862.508	0.672	862.172	S[24]
G[2]	58.704	324.833	819.494	0.672	819.158	G[23]
R[3]	150.738	805.826	800.487	800.823	800.151	R[22]
G[4]	139.745	753.793	748.453	748.789	748.117	G[21]
K[5]	182.443	734.785	729.446	729.782	729.110	K[20]
G[6]	201.450	692.087	686.748	687.083	686.412	G[19]
G[7]	220.458	673.080	667.740	668.076	667.404	G[18]
K[8]	263.156	654.073	646.733	646.069	648.397	K[17]
G[9]	282.163	611.374	606.035	606.371	605.999	G[16]
L[10]	319.958	592.367	587.028	587.364	586.692	L[15]
G[11]	338.965	554.673	549.333	549.669	548.997	G[14]
K[12]	381.563	535.666	530.326	530.662	529.990	K[13]
G[13]	400.570	492.967	487.628	487.964	487.292	G[12]
G[14]	419.578	473.960	468.620	468.956	468.285	G[11]
A[15]	443.257	454.953	449.613	449.949	449.277	A[10]
K[16]	469.958	431.274	425.934	426.270	425.998	K[9]
R[17]	551.992	374.572	369.232	369.568	368.896	R[8]
H[18]	597.678	322.538	317.198	317.535	316.863	H[7]
R[19]	663.278	276.852	271.512	271.848	271.176	R[6]
K[20]	706.426	210.803	205.463	205.799	205.127	K[5]
V[21]	739.449	168.104	162.764	163.101	162.429	V[4]
L[22]	777.144	135.082	129.742	130.078	129.406	L[3]
R[23]	829.177	97.387	92.047	92.383	91.711	R[2]
D[24]	867.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Trimethyl} KVLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=111.07
- ▶ F105341.dat
- ▶ query=q12976.p1
- ▶ precursor=521.111410
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	651.130	647.133	0.755	646.881	S[24]
G[2]	51.780	518.877	614.872	0.755	614.620	G[23]
R[3]	90.805	604.622	600.617	600.869	600.365	R[22]
G[4]	105.061	565.596	561.592	561.844	561.340	G[21]
K[5]	137.084	551.341	547.336	547.588	547.084	K[20]
G[6]	151.340	519.317	515.312	515.564	515.061	G[19]
G[7]	165.595	505.062	501.057	501.309	500.805	G[18]
K[8]	197.619	490.806	486.802	487.054	486.550	K[17]
G[9]	211.874	476.549	472.544	472.796	472.292	G[16]
L[10]	280.148	444.527	440.521	440.773	440.271	L[15]
G[11]	294.403	416.256	412.251	412.504	412.000	G[14]
K[12]	286.424	402.001	397.996	398.248	397.744	K[13]
G[13]	300.680	369.977	365.973	366.224	365.721	G[12]
G[14]	314.935	355.722	351.717	351.969	351.465	G[11]
A[15]	332.694	341.466	337.462	337.714	337.210	A[10]
K[16]	375.221	323.707	319.703	319.954	319.451	K[9]
R[17]	414.246	301.181	297.176	297.428	296.924	R[8]
H[18]	448.511	282.156	278.151	278.403	277.899	H[7]
R[19]	498.044	207.891	203.886	204.138	203.634	R[6]
K[20]	530.071	158.354	154.349	154.601	154.097	K[5]
V[21]	554.839	126.330	122.325	122.577	122.073	V[4]
L[22]	583.110	101.563	97.558	97.810	97.306	L[3]
R[23]	622.135	73.292	69.287	69.539	69.035	R[2]
D[24]	650.892	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} 42.01 GGAK^{Acetyl} 42.01 RHRK^{Methyl} 14.02 VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.62
- ▶ F105341.dat
- ▶ query=q13037_p1
- ▶ precursor=654.632540
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.676	2015.508	2599.489	0.000	2598.481	S[24]
G[2]	204.008	2489.465	2470.446	0.000	2469.439	G[23]
R[3]	368.199	2929.444	2413.425	2414.433	2412.417	R[22]
G[4]	417.220	2773.341	2297.334	2298.332	2296.316	G[21]
K[5]	545.315	2216.321	2200.300	2201.310	2199.295	K[20]
G[6]	602.337	2688.239	2072.207	2073.215	2071.200	G[19]
G[7]	659.358	2031.205	2015.189	2016.194	2014.178	G[18]
K[8]	787.453	1974.183	1958.164	1959.172	1957.157	K[17]
G[9]	844.475	1846.080	1830.069	1831.077	1829.062	G[16]
L[10]	927.559	1789.967	1773.948	1774.956	1772.941	L[15]
G[11]	1014.580	1675.863	1659.844	1660.872	1658.856	G[14]
K[12]	1184.686	1618.961	1602.942	1603.950	1601.935	K[13]
G[13]	1241.707	1448.856	1432.837	1433.845	1431.829	G[12]
G[14]	1298.729	1391.834	1375.815	1376.823	1374.808	G[11]
A[15]	1369.766	1334.813	1318.794	1319.802	1317.786	A[10]
R[16]	1539.871	1293.793	1247.787	1248.765	1246.749	R[9]
R[17]	1695.973	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1833.031	937.560	921.550	922.558	920.542	H[7]
R[19]	1989.133	900.510	784.491	785.499	783.484	R[6]
K[20]	2131.243	644.409	628.390	629.398	627.382	K[5]
V[21]	2230.312	502.295	486.280	487.287	485.272	V[4]
L[22]	2343.396	403.239	387.213	388.219	386.203	L[3]
R[23]	2499.497	290.140	274.127	275.135	273.119	R[2]
D[24]	2614.524	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=85.62
- ▶ F105341.dat
- ▶ query=q13037_p1
- ▶ precursor=654.632540
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1308.257	1300.268	0.504	1299.746	S[24]
G[2]	102.553	1243.736	1235.727	0.504	1235.231	G[23]
R[3]	180.603	1215.225	1207.216	1207.720	1206.713	R[22]
G[4]	259.114	1137.375	1129.168	1119.669	1128.662	G[21]
K[5]	273.153	1108.664	1100.555	1101.159	1100.151	K[20]
G[6]	301.672	1044.617	1036.607	1037.111	1036.103	G[19]
G[7]	330.183	1016.106	1008.097	1008.601	1007.593	G[18]
K[8]	394.230	987.595	979.586	980.090	979.082	K[17]
G[9]	422.741	923.548	915.538	916.042	915.034	G[16]
L[10]	479.293	895.031	887.023	887.532	886.524	L[15]
G[11]	507.794	868.495	830.486	830.990	829.982	G[14]
K[12]	502.847	809.984	801.975	802.479	801.471	K[13]
G[13]	621.357	724.931	716.922	717.426	716.418	G[12]
G[14]	649.868	696.421	688.411	688.915	687.907	G[11]
A[15]	685.389	657.910	657.901	656.905	655.397	A[10]
R[16]	770.439	632.393	624.382	624.886	623.878	R[9]
R[17]	848.490	547.339	539.329	539.833	538.825	R[6]
H[18]	917.019	469.288	461.279	461.783	460.775	H[7]
R[19]	995.070	400.759	392.749	393.253	392.245	R[6]
K[20]	1066.125	322.708	314.699	315.203	314.195	K[5]
V[21]	1115.659	254.653	246.643	247.147	246.140	V[4]
L[22]	1172.201	202.119	194.109	194.613	193.605	L[3]
R[23]	1250.252	145.577	137.567	138.071	137.063	R[2]
D[24]	1307.765	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}42.01 GGAK^{Acetyl}42.01 RHRK^{Methyl}14.02 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=85.62
- ▶ F105341.dat
- ▶ query=q13037.p1
- ▶ precursor=654.632540
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	872.507	867.168	0.672	866.832	S[24]
G[2]	58.704	329.483	824.154	0.672	823.818	G[23]
R[3]	150.738	810.486	805.146	805.482	804.811	R[22]
G[4]	139.745	758.452	753.113	753.449	752.777	G[21]
K[5]	182.443	739.445	734.106	734.442	733.770	K[20]
G[6]	201.450	696.747	691.407	691.743	691.071	G[19]
G[7]	220.458	677.740	672.400	672.736	672.064	G[18]
K[8]	263.156	658.733	653.393	653.729	653.057	K[17]
G[9]	282.163	639.726	634.386	634.722	634.050	G[16]
L[10]	319.858	597.027	591.687	592.023	591.351	L[15]
G[11]	338.865	559.132	553.791	554.129	553.457	G[14]
K[12]	395.567	540.125	534.888	535.222	534.550	K[13]
G[13]	414.574	483.623	478.284	478.620	477.948	G[12]
G[14]	433.581	464.616	459.277	459.613	458.941	G[11]
A[15]	457.260	445.609	440.270	440.605	439.934	A[10]
K[16]	513.962	421.930	416.590	416.926	416.255	K[9]
R[17]	565.996	365.228	359.889	360.225	359.553	R[8]
H[18]	611.682	313.195	307.855	308.191	307.519	H[7]
R[19]	663.716	297.508	292.169	292.505	291.833	R[6]
K[20]	711.088	215.475	210.135	210.471	209.799	K[5]
V[21]	764.109	168.104	162.765	163.101	162.429	V[4]
L[22]	781.803	135.082	129.742	130.078	129.406	L[3]
R[23]	833.837	97.387	92.047	92.383	91.711	R[2]
D[24]	872.179	45.353	40.014	40.349	39.678	D[1]

sp | Q8CGP0 | H2B3B_MOUSE

PDPSKSAPAPKK ^{Trimethyl}42.05 GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.90
- ▶ F105341.dat
- ▶ query=q13106_p1
- ▶ precursor=527.712780
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
F	115.087	2034.539	2018.511	0.000	2017.504	F[25]	
D	230.114	2537.477	2521.450	0.000	2520.451	D[24]	
P	327.166	2522.450	2406.432	0.000	2405.424	P[23]	
S	414.188	2325.568	2309.539	0.000	2308.531	S[22]	
K	542.293	2238.566	2222.547	2223.565	2221.539	K[21]	
S	6	629.325	2110.271	2094.252	2095.260	2093.244	S[20]
A	7	666.362	2023.299	2007.220	2008.228	2006.212	A[19]
P	8	797.415	1952.202	1936.183	1937.191	1935.175	P[18]
A	9	868.452	1855.148	1839.130	1840.138	1838.122	A[17]
P	10	905.505	1784.112	1768.093	1769.101	1767.085	P[16]
K	11	1003.600	1687.059	1671.040	1672.048	1670.032	K[15]
K	12	1263.742	1558.964	1542.945	1543.953	1541.937	K[14]
G	13	1320.763	1388.822	1372.803	1373.811	1371.795	G[13]
S	14	1407.795	1331.801	1315.782	1316.790	1314.774	S[12]
K	15	1535.890	1244.768	1228.750	1229.758	1227.742	K[11]
K	16	1663.985	1118.674	1100.655	1101.663	1099.647	K[10]
A	17	1735.022	988.579	972.560	973.568	971.552	A[9]
V	18	1834.091	917.541	901.523	902.531	900.515	V[8]
T	19	1935.139	818.472	802.454	803.462	801.446	T[7]
N	20	2032.234	717.425	701.407	702.414	700.399	N[6]
A	21	2134.271	608.330	573.312	574.320	572.304	A[5]
Q	22	2262.329	518.293	502.275	503.282	501.267	Q[4]
K	23	2390.434	409.235	374.216	375.224	373.208	K[3]
K	24	2518.519	262.140	246.121	247.129	245.113	K[2]
D	25	2633.546	134.045	118.028	119.034	117.018	D[1]

sp | Q8CGP0 | H2B3B_MOUSE

PDPSKSAPAPKK ^{Trimethyl}42.05 GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.90
- ▶ F105341.dat
- ▶ query=q13106.p1
- ▶ precursor=527.712780
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
P	1	58.047	1317.769	1309.759	0.504	1309.255	P[25]
D	3	115.569	1289.242	1261.233	0.504	1260.729	D[24]
F	3	154.092	1211.725	1203.719	0.504	1195.219	F[23]
S	4	207.603	1163.202	1155.193	0.504	1154.689	S[22]
K	5	271.690	1119.086	1111.677	1112.181	1111.173	K[21]
S	6	315.166	1055.639	1047.630	1048.134	1047.120	S[20]
A	7	350.895	1012.122	1004.114	1004.617	1003.610	A[19]
F	8	399.211	978.604	969.592	969.999	968.991	F[18]
A	9	434.730	928.075	920.069	920.573	919.565	A[17]
P	10	483.256	892.559	884.550	885.054	884.040	P[16]
K	11	547.304	844.033	836.024	836.528	835.520	K[15]
K	12	632.375	779.889	771.976	772.480	771.472	K[14]
C	13	692.885	694.915	686.905	687.409	686.401	C[13]
S	14	794.403	659.824	650.815	658.898	657.891	S[12]
K	15	768.449	622.888	614.879	615.382	614.375	K[11]
K	16	832.496	558.840	550.831	551.335	550.327	K[10]
A	17	868.015	494.793	486.784	487.287	486.280	A[9]
V	18	917.549	459.274	451.265	451.769	450.761	V[8]
T	19	968.073	409.746	401.731	402.235	401.227	T[7]
K	20	1032.120	359.215	351.207	351.711	350.703	K[6]
A	21	1067.639	295.169	287.159	287.663	286.656	A[5]
Q	22	1131.668	259.656	251.641	252.145	251.137	Q[4]
K	23	1195.716	195.621	187.612	188.116	187.109	K[3]
K	24	1259.763	131.574	123.568	124.069	123.060	K[2]
D	25	1317.277	67.526	59.517	60.021	59.013	D[1]

sp | Q8CGP0 | H2B3B_MOUSE

PDPSKSAPAPKK ^{Trimethyl} 42.05 GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.90
- ▶ F105341.dat
- ▶ query=q13106.p1
- ▶ precursor=527.712780
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	30.034	878.848	873.509	0.672	873.173	P[25]
D[2]	77.376	846.497	841.158	0.672	840.822	D[24]
P[3]	109.727	808.155	802.815	0.672	802.479	P[23]
S[4]	138.738	775.804	770.464	0.672	770.129	S[22]
K[5]	181.436	746.793	741.454	741.790	741.118	K[21]
S[6]	210.847	704.095	698.755	699.001	698.420	S[20]
A[7]	234.126	675.084	669.745	670.001	669.409	A[19]
P[8]	296.477	651.405	646.066	646.402	645.730	P[18]
A[9]	290.156	619.054	613.715	614.051	613.379	A[17]
P[10]	322.507	595.375	590.036	590.372	589.700	P[16]
K[11]	368.205	563.024	557.685	558.021	557.349	K[15]
K[12]	421.919	520.326	514.987	515.323	514.651	K[14]
G[13]	440.926	463.612	458.273	458.609	457.937	G[13]
S[14]	469.937	444.605	439.265	439.601	438.930	S[12]
K[15]	512.035	415.394	410.054	410.390	409.719	K[11]
K[16]	555.333	372.896	367.556	367.892	367.221	K[10]
A[17]	579.012	350.198	344.858	345.194	344.522	A[9]
V[18]	612.035	306.519	301.179	301.515	300.843	V[8]
T[19]	645.718	273.496	268.156	268.492	267.820	T[7]
K[20]	688.416	239.813	234.474	234.810	234.138	K[6]
A[21]	712.095	197.115	191.775	192.111	191.439	A[5]
Q[22]	754.781	173.436	168.096	168.432	167.760	Q[4]
K[23]	797.480	130.750	125.410	125.746	125.074	K[3]
K[24]	840.178	88.051	82.712	83.048	82.376	K[2]
D[25]	878.520	45.353	40.014	40.349	39.678	D[1]

sp | Q8CGP0 | H2B3B_MOUSE

PDPSKSAPAPKK ^{Trimethyl}42.05 GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=47.90
- ▶ F105341.dat
- ▶ query=q13106.p1
- ▶ precursor=527.712780
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	29.527	659.388	655.383	0.755	655.131	P[25]
D	2	58.284	635.125	631.120	0.755	630.868	D[24]
P	3	82.547	606.368	602.363	0.755	602.111	P[23]
S	4	104.305	582.105	578.100	0.755	577.848	S[22]
K	5	136.229	560.347	556.342	556.594	556.090	K[21]
S	6	158.087	528.323	525.318	524.570	524.066	S[20]
A	7	175.946	506.565	502.560	502.812	502.308	A[19]
P	8	200.109	488.806	484.801	485.053	484.549	P[18]
A	9	217.869	464.543	460.538	460.790	460.286	A[17]
P	10	242.132	446.783	442.779	443.031	442.527	P[16]
K	11	274.195	422.520	418.515	418.767	418.264	K[15]
K	12	316.691	400.496	396.492	396.744	396.240	K[14]
G	13	330.946	347.951	343.956	344.208	343.704	G[13]
S	14	352.704	333.706	329.701	329.953	329.449	S[12]
K	15	384.728	311.948	307.943	308.195	307.691	K[11]
K	16	416.752	279.924	275.919	276.171	275.667	K[10]
A	17	434.511	247.900	243.895	244.147	243.643	A[9]
V	18	459.278	230.141	226.136	226.388	225.884	V[8]
T	19	484.540	205.374	201.369	201.621	201.117	T[7]
K	20	516.564	180.112	176.107	176.359	175.855	K[6]
A	21	534.323	148.088	144.083	144.335	143.831	A[5]
Q	22	566.338	130.329	126.324	126.576	126.072	Q[4]
K	23	608.362	98.314	94.309	94.561	94.057	K[3]
K	24	630.385	66.290	62.285	62.538	62.034	K[2]
D	25	659.142	34.267	30.263	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} R ^{Dimethyl}_{28.03} HRK ^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.08
- ▶ F105341.dat
- ▶ query=q13133.p1
- ▶ precursor=661.640210
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2043.539	2027.520	0.000	2026.512	S[24]
G	2	204.998	2514.499	2498.478	0.000	2497.470	G[23]
R	3	360.190	2957.475	2841.450	2842.464	2840.448	R[22]
G	4	417.220	3301.374	3285.352	3286.363	3284.347	G[21]
K	5	545.315	3284.352	3228.334	3229.341	3227.325	K[20]
G	6	602.337	2116.257	2100.239	2101.247	2099.231	G[19]
G	7	609.358	2059.238	2043.217	2044.225	2042.209	G[18]
K	8	787.453	2002.214	1986.190	1987.204	1985.188	K[17]
G	9	844.475	1874.120	1858.101	1859.109	1857.093	G[16]
L	10	937.559	1817.095	1801.079	1802.087	1800.071	L[15]
G	11	1014.580	1704.014	1687.997	1689.003	1686.987	G[14]
K	12	1184.686	1646.993	1630.974	1631.982	1629.966	K[13]
G	13	1241.707	1476.887	1460.868	1461.876	1459.860	G[12]
G	14	1298.729	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1389.750	1362.844	1346.825	1347.833	1345.819	A[10]
K	16	1539.871	1291.807	1275.788	1276.796	1274.780	K[9]
R	17	1724.924	1124.701	1108.683	1109.691	1104.675	R[8]
H	18	1561.063	937.589	921.550	922.558	920.542	H[7]
R	19	2017.184	800.510	784.491	785.499	783.484	R[6]
K	20	2159.274	644.409	628.390	629.398	627.382	K[5]
V	21	2258.343	502.298	486.280	487.287	485.272	V[4]
L	22	2371.427	403.230	387.211	388.219	386.203	L[3]
R	23	2627.526	290.146	274.127	275.135	273.119	R[2]
D	24	2642.555	134.045	118.020	119.034	117.015	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} R ^{Dimethyl}_{28.03} HRK ^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.08
- ▶ F105341.dat
- ▶ query=q13133.p1
- ▶ precursor=661.640210
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1322.273	1314.264	0.504	1313.760	S[24]
G[2]	102.553	1257.752	1249.742	0.504	1249.239	G[23]
R[3]	180.603	1229.241	1221.232	1221.736	1220.739	R[22]
G[4]	259.114	1151.731	1143.721	1143.685	1142.677	G[21]
K[5]	273.193	1122.580	1114.670	1115.174	1114.167	K[20]
G[6]	301.672	1058.632	1050.623	1051.127	1050.119	G[19]
G[7]	330.183	1030.122	1022.112	1022.616	1021.608	G[18]
K[8]	394.230	1001.611	993.602	994.105	993.098	K[17]
G[9]	422.741	937.563	929.554	930.058	929.050	G[16]
L[10]	439.283	909.053	901.043	901.547	900.539	L[15]
G[11]	507.794	852.511	844.501	845.005	843.997	G[14]
K[12]	592.847	824.000	815.991	816.494	815.487	K[13]
G[13]	621.357	738.947	730.938	731.442	730.434	G[12]
G[14]	649.868	710.436	702.427	702.931	701.923	G[11]
A[15]	685.367	681.926	673.916	674.420	673.412	A[10]
R[16]	770.420	646.407	638.398	638.902	637.894	R[9]
R[17]	862.506	561.354	553.345	553.849	552.842	R[8]
H[18]	931.035	469.288	461.279	461.783	460.775	H[7]
R[19]	1009.086	400.759	392.749	393.253	392.245	R[6]
K[20]	1080.141	322.708	314.699	315.203	314.195	K[5]
V[21]	1129.675	251.653	243.643	244.147	243.140	V[4]
L[22]	1186.217	202.119	194.109	194.613	193.605	L[3]
R[23]	1264.268	145.577	137.567	138.071	137.063	R[2]
D[24]	1321.781	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 **GGAK** ^{Acetyl}42.01 ^R ^{Dimethyl}28.03 **HRK** ^(Methyl)(14.02) **VLRD**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.08
- ▶ F105341.dat
- ▶ query=q13133.p1
- ▶ precursor=661.640210
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	881.851	876.512	0.872	876.176	S[24]
G[2]	68.704	838.831	833.497	0.872	833.161	G[23]
R[3]	120.738	819.830	814.490	814.826	814.154	R[22]
G[4]	139.745	767.796	762.457	762.792	762.121	G[21]
K[5]	182.443	748.789	743.449	743.785	743.113	K[20]
G[6]	201.450	706.091	700.751	701.087	700.415	G[19]
G[7]	220.458	667.083	681.744	682.080	681.408	G[18]
K[8]	263.156	668.076	662.737	663.073	662.401	K[17]
G[9]	282.163	625.378	620.038	620.374	619.703	G[16]
L[10]	319.858	606.371	601.031	601.367	600.695	L[15]
G[11]	338.865	568.076	563.337	563.673	563.001	G[14]
K[12]	395.567	549.669	544.329	544.665	543.994	K[13]
G[13]	414.574	492.967	487.628	487.964	487.292	G[12]
G[14]	433.581	473.960	468.620	468.956	468.285	G[11]
A[15]	497.260	454.953	449.613	449.949	449.277	A[10]
K[16]	513.062	431.274	425.934	426.270	425.598	K[9]
R[17]	575.339	374.572	369.232	369.568	368.896	R[8]
H[18]	621.026	313.195	307.855	308.191	307.519	H[7]
R[19]	673.059	267.508	262.168	262.505	261.833	R[6]
K[20]	729.430	215.475	210.135	210.471	209.799	K[5]
V[21]	753.452	168.104	162.764	163.101	162.429	V[4]
L[22]	791.147	135.082	129.742	130.078	129.406	L[3]
R[23]	843.181	97.387	92.047	92.383	91.711	R[2]
D[24]	881.523	45.353	40.014	40.349	39.678	D[1]

sp | P68433 | H31_MOUSE

K^{Methyl} 14.02 STGGK^{Acetyl} 42.01 APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.54
- ▶ F105342.dat
- ▶ query=q1872.p1
- ▶ precursor=479.277410
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [1]	160.144	957.548	941.529	942.537	940.521	R [9]
S [2]	247.176	815.437	799.418	800.426	798.410	S [8]
T [3]	333.224	728.405	712.386	713.394	711.379	T [7]
G [4]	408.248	627.357	611.339	612.346	610.331	G [6]
G [5]	462.267	570.336	554.317	555.325	553.309	G [5]
K [6]	632.373	513.314	497.296	498.303	496.288	K [4]
A [7]	703.410	343.209	327.190	328.190	326.182	A [3]
P [8]	800.462	272.172	256.153	257.161	255.145	P [2]
R [9]	956.564	175.119	159.100	160.108	158.092	R [1]

sp | P68433 | H31_MOUSE

K^{Methyl} 14.02 STGGK^{Acetyl} 42.01 APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.66
- ▶ F105342.dat
- ▶ query=q1876_p1
- ▶ precursor=319.854680
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [1]	160.144	957.540	941.529	942.537	940.521	K [9]
S [2]	247.176	815.437	799.418	800.426	798.410	S [8]
T [3]	348.224	728.405	712.386	713.394	711.378	T [7]
G [4]	405.246	627.357	611.339	612.346	610.331	G [6]
W [5]	462.267	570.330	554.317	555.325	553.300	W [5]
K [6]	632.373	513.314	497.296	498.303	496.288	K [4]
A [7]	703.410	343.209	327.190	328.198	326.182	A [3]
P [8]	800.462	272.172	256.153	257.161	255.145	P [2]
R [9]	956.564	175.110	159.100	160.108	158.092	R [1]

sp | P68433 | H31_MOUSE

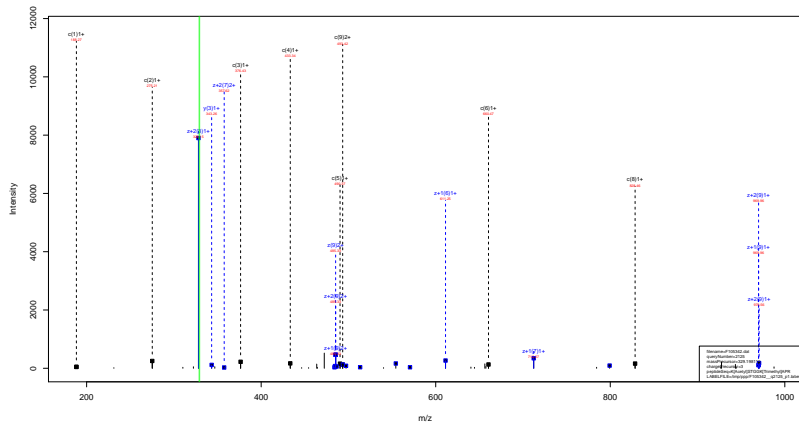
K^{Methyl} 14.02 STGGK^{Acetyl} 42.01 APR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=38.66
- ▶ F105342.dat
- ▶ query=q1876_p1
- ▶ precursor=319.854680
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
R	[1]	80.576	479.277	471.268	471.772	470.764	R[9]
S	[2]	124.092	408.222	400.213	400.717	399.709	S[8]
T	[3]	174.616	354.705	355.697	357.201	356.193	T[7]
G	[4]	203.128	314.182	306.173	306.677	305.669	G[6]
Q	[5]	231.637	285.672	277.662	278.166	277.158	Q[5]
K	[6]	318.690	257.151	249.151	249.655	248.648	K[4]
A	[7]	352.208	172.108	164.099	164.603	163.595	A[3]
P	[8]	400.735	136.589	128.580	129.084	128.076	P[2]
R	[9]	478.785	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

K Acetyl STGGK Trimethyl APR
42.01 42.05



@ProteinP68433_001
 queryName=STGGK
 queryMass=420.1000
 @FragmentList
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sp | P68433 | H31_MOUSE

K^{Acetyl} 42.01 STGGK^{Trimethyl} 42.05 APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.01
- ▶ F105342.dat
- ▶ query=q2125_p1
- ▶ precursor=329.198110
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K	188.139	985.579	969.560	970.568	968.552	K
S	275.171	815.473	799.455	800.462	798.447	S
T	376.219	728.441	712.423	713.430	711.413	T
G	433.241	627.394	611.376	612.383	610.367	G
G	490.262	570.372	554.353	555.361	553.346	G
K	660.404	513.351	497.332	498.340	496.324	K
A	731.441	343.209	327.190	328.198	326.182	A
P	828.494	272.172	256.153	257.161	255.145	P
R	984.595	175.119	159.100	160.108	158.092	R

sp | P68433 | H31_MOUSE

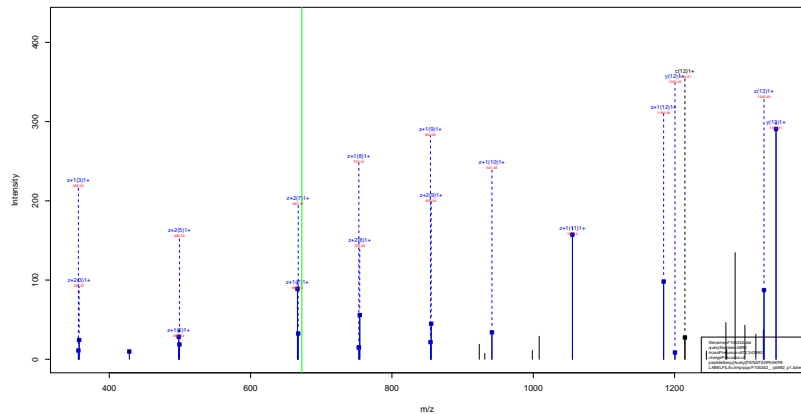
K_{42.01} Acetyl STGGK_{42.05} Trimethyl APR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.01
- ▶ F105342.dat
- ▶ query=q2125_p1
- ▶ precursor=329.198110
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
R	1	94.573	493.293	485.284	485.788	484.780	R	9
S	2	133.099	408.240	400.231	400.730	399.727	S	8
Y	3	188.613	354.725	355.733	357.219	356.211	Y	7
G	4	217.124	314.200	306.191	306.690	305.682	G	6
Q	5	245.635	285.690	277.680	278.184	277.176	Q	5
K	6	330.706	257.170	249.170	249.674	248.666	K	4
A	7	366.224	172.105	164.099	164.603	163.595	A	3
P	8	414.751	136.589	128.580	129.084	128.076	P	2
R	9	492.801	88.063	80.054	80.558	79.550	R	1

sp | P10922 | H10_MOUSE

[Acetyl]TENSTAPAAKPK



sp | P10922 | H10_MOUSE

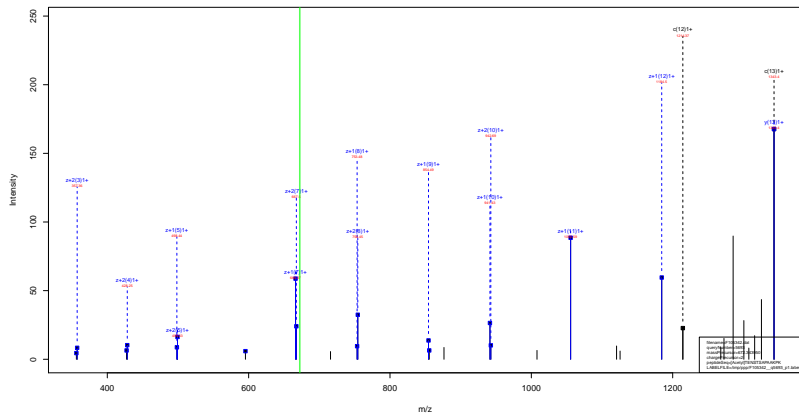
[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.25
- ▶ F105342.dat
- ▶ query=q5692.p1
- ▶ precursor=672.343890
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
T	1	181.092	1343.680	1327.661	0.000	1326.054	T	11
E	2	290.135	1200.022	1184.603	0.000	1183.595	E	12
N	3	404.178	1071.579	1055.561	1056.568	1054.551	N	11
S	4	491.210	957.530	941.518	942.525	940.510	S	10
T	5	592.257	810.504	854.486	855.493	853.476	T	9
S	6	679.289	709.457	711.438	714.446	752.430	S	8
A	7	750.326	682.425	660.406	667.414	665.397	A	7
P	8	847.370	611.388	595.309	596.377	594.361	P	6
A	9	918.416	514.335	498.316	499.324	497.308	A	5
A	10	989.451	443.290	427.279	428.287	426.271	A	4
K	11	1117.548	372.261	356.242	357.250	355.234	K	3
P	12	1214.601	284.165	228.147	229.155	227.139	P	2
K	13	1342.696	147.113	131.094	132.102	130.086	K	1

sp | P10922 | H10_MOUSE

[Acetyl]TENSTAPAAKPK



sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.15
- ▶ F105342.dat
- ▶ query=q5693_p1
- ▶ precursor=672.343950
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T[1]	161.092	1343.080	1527.661	0.000	1126.054	T[13]
E[2]	290.135	1200.622	1184.603	0.000	1183.595	E[12]
N[3]	404.178	1071.570	1055.561	1056.568	1054.557	N[11]
S[4]	491.210	957.530	941.518	942.525	940.510	S[10]
I[5]	592.257	870.504	854.486	855.493	853.478	I[9]
S[6]	679.289	789.457	753.438	754.446	752.430	S[8]
A[7]	750.326	682.425	666.406	667.414	665.399	A[7]
P[8]	847.379	611.388	595.369	596.377	594.361	P[6]
A[9]	918.416	514.335	498.316	499.324	497.308	A[5]
A[10]	989.453	443.290	427.279	428.287	426.271	A[4]
K[11]	1117.548	372.263	356.242	357.250	355.234	K[3]
P[12]	1214.601	244.169	228.147	229.155	227.139	P[5]
K[13]	1342.696	147.113	131.094	132.102	130.086	K[1]

sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.04
- ▶ F105342.dat
- ▶ query=q5694.p1
- ▶ precursor=672.344080
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
T	1	181.092	1343.680	1327.861	0.000	1326.054	T	13
E	2	290.135	1200.622	1184.603	0.000	1183.595	E	12
N	3	404.178	1071.579	1055.561	1056.568	1054.551	N	11
S	4	491.210	957.530	941.518	942.525	940.510	S	10
T	5	992.257	870.504	854.486	855.493	853.476	T	9
S	6	679.609	789.451	751.432	734.446	752.430	S	8
A	7	756.526	682.425	666.406	667.414	665.397	A	7
P	8	847.379	611.388	595.369	596.377	594.361	P	6
A	9	918.416	514.335	498.316	499.324	497.308	A	5
A	10	989.453	443.290	427.279	428.287	426.271	A	4
K	11	1117.548	272.263	356.242	357.250	355.234	K	3
F	12	1214.601	244.166	228.147	229.155	227.139	F	2
K	13	1342.696	147.112	131.094	132.102	130.086	K	1

sp | P10922 | H10_MOUSE

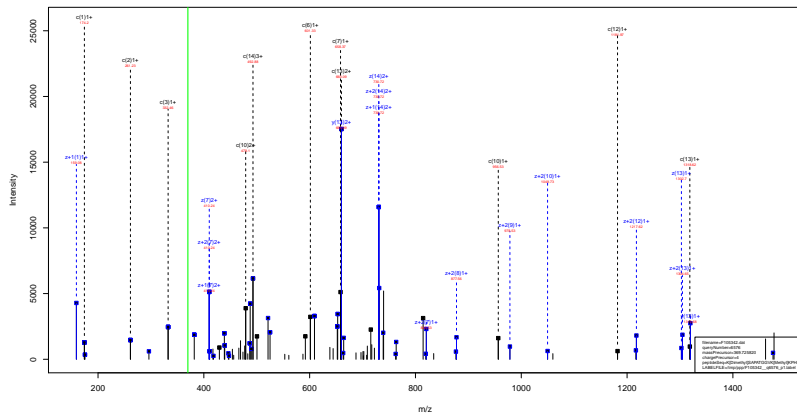
[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.50
- ▶ F105342.dat
- ▶ query=q5696.p1
- ▶ precursor=672.344780
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA	
T	1	181.092	1343.680	1327.861	0.000	1326.054	T	13
E	2	290.135	1200.622	1184.603	0.000	1183.595	E	12
N	3	404.178	1071.579	1055.561	1056.568	1054.551	N	11
S	4	491.210	957.530	941.518	942.525	940.510	S	10
T	5	592.257	819.504	854.486	855.493	853.478	T	9
S	6	679.289	709.451	751.432	754.448	752.430	S	8
A	7	756.326	682.425	666.406	667.414	665.397	A	7
P	8	847.379	611.388	595.369	596.377	594.361	P	6
A	9	918.416	514.335	498.316	499.324	497.308	A	5
A	10	989.451	443.290	427.279	428.287	426.271	A	4
K	11	1117.548	372.261	356.242	357.250	355.234	K	3
F	12	1214.601	284.165	228.147	229.155	227.139	F	2
K	13	1342.696	147.113	131.094	132.102	130.086	K	1

sp | P68433 | H31_MOUSE

K^{Dimethyl} SAPATGGVK^{Methyl} KPHR
28.03 14.02



sp | P68433 | H31_MOUSE

K^{Dimethyl} 28.03 SAPATGGVK^{Methyl} 14.02 KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=107.57
- ▶ F105342.dat
- ▶ query=q6576_p1
- ▶ precursor=369.725820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	174.160	1475.881	1459.890	1460.870	1458.850	K[14]
S[2]	261.192	1319.754	1303.736	1304.743	1302.728	S[13]
A[3]	332.229	1232.722	1216.703	1217.711	1215.696	A[12]
P[4]	429.252	1161.685	1145.667	1146.674	1144.659	P[11]
A[5]	500.319	1084.632	1068.614	1069.621	1067.606	A[10]
T[6]	601.307	993.595	977.577	978.584	976.569	T[9]
G[7]	658.388	892.548	876.529	877.537	875.521	G[8]
G[8]	715.410	835.526	819.507	820.515	818.500	G[7]
V[9]	814.478	778.505	762.486	763.494	761.479	V[6]
K[10]	956.589	679.435	663.417	664.425	662.410	K[5]
K[11]	1094.684	537.326	521.307	522.315	520.300	K[4]
P[12]	1181.736	409.211	393.192	394.200	392.185	P[3]
H[13]	1318.795	312.179	296.159	297.167	295.151	H[2]
R[14]	1474.896	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl} 28.03 SAPATGGVK^{Methyl} 14.02 KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=107.57
- ▶ F105342.dat
- ▶ query=q6576_p1
- ▶ precursor=369.725820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	[2]	57.584	738.444	730.435	730.938	729.931	R[14]
S	[2]	131.100	660.381	652.371	652.875	651.867	S[13]
A	[3]	156.618	616.885	608.855	609.359	608.351	A[12]
P	[4]	215.145	581.348	573.337	573.841	572.833	P[11]
A	[5]	250.663	532.820	524.810	525.314	524.307	A[10]
T	[6]	301.187	497.301	489.292	489.796	488.788	T[9]
G	[7]	329.698	446.777	438.768	439.272	438.264	G[8]
G	[8]	358.208	418.267	410.257	410.761	409.753	G[7]
V	[9]	407.743	389.756	381.747	382.250	381.243	V[6]
K	[10]	478.798	340.222	332.212	332.716	331.708	K[5]
K	[11]	342.945	299.166	281.157	281.661	280.653	K[4]
P	[12]	591.372	205.119	197.110	197.614	196.606	P[3]
H	[13]	659.901	156.583	148.583	149.087	148.079	H[2]
R	[14]	737.952	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl} 28.03 SAPATGGVK^{Methyl} KPHR 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=107.57
- ▶ F105342.dat
- ▶ query=q6576_p1
- ▶ precursor=369.725820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[2]	58.725	492.632	487.292	481.620	486.956	R[14]
S[2]	87.736	440.590	435.257	435.568	434.914	S[13]
A[3]	111.415	411.579	405.239	402.575	405.903	A[12]
P[4]	143.766	387.900	382.560	382.896	382.224	P[11]
A[5]	167.445	355.549	350.209	350.545	349.873	A[10]
T[6]	201.127	331.870	326.530	326.866	326.194	T[9]
G[7]	220.134	298.187	292.848	293.184	292.512	G[8]
G[8]	239.141	279.180	273.841	274.177	273.505	G[7]
V[9]	272.164	260.173	254.833	255.169	254.498	V[6]
K[10]	319.534	227.150	221.811	222.147	221.475	K[5]
K[11]	352.233	179.780	174.440	174.776	174.105	K[4]
P[12]	394.584	137.082	131.742	132.078	131.406	P[3]
H[13]	440.270	104.731	99.391	99.727	99.055	H[2]
R[14]	492.304	59.045	53.705	54.041	53.369	R[1]

sp | P84244 | H33_MOUSE

K^{Trimethyl} 42.05 SAPSTGGVK^{Dimethyl} 28.03 KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=91.73
- ▶ F105342.dat
- ▶ query=q6857.p1
- ▶ precursor=380.730170
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R[1]	188.176	1519.907	1509.889	1504.896	1502.889	R[14]
S[2]	275.268	1340.705	1333.746	1334.754	1332.739	S[13]
A[3]	348.245	1200.733	1246.718	1247.722	1245.706	A[12]
P[4]	441.298	1191.699	1179.671	1179.689	1174.669	P[11]
S[5]	530.130	1094.643	1078.624	1079.632	1077.616	S[10]
T[6]	631.377	1007.611	991.592	992.600	990.584	T[9]
G[7]	688.399	908.583	890.544	891.552	889.537	G[8]
G[8]	745.420	840.542	833.523	834.531	832.515	G[7]
V[9]	844.489	732.520	718.502	717.509	715.494	V[6]
K[10]	1000.615	693.492	677.473	678.481	676.465	K[5]
K[11]	1128.710	537.326	521.307	522.315	520.299	K[4]
P[12]	1225.763	409.231	383.212	394.220	392.204	P[3]
H[13]	1362.822	312.178	296.159	297.167	295.151	H[2]
R[14]	1518.923	175.119	159.100	160.108	158.092	R[1]

sp | P84244 | H33_MOUSE

K^{Trimethyl} 42.05 SAPSTGGVK^{Dimethyl} 28.03 KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=91.73
- ▶ F105342.dat
- ▶ query=q6857_p1
- ▶ precursor=380.730170
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[2]	94.592	790.497	752.448	752.952	751.944	R[14]
S[2]	139.108	675.389	667.377	667.881	666.873	S[13]
A[3]	173.626	631.870	623.861	624.365	623.357	A[12]
P[4]	222.152	596.351	588.342	588.846	587.838	P[11]
S[5]	285.668	547.825	539.816	540.320	539.312	S[10]
T[6]	316.192	504.309	496.300	496.804	495.796	T[9]
G[7]	344.703	453.785	445.776	446.280	445.272	G[8]
G[8]	373.214	425.275	417.265	417.769	416.761	G[7]
V[9]	422.748	396.764	388.754	389.258	388.250	V[6]
K[10]	500.811	347.230	339.220	339.724	338.716	R[5]
K[11]	594.659	299.166	291.157	291.661	290.653	K[4]
P[12]	613.385	205.119	197.110	197.614	196.606	P[3]
H[13]	681.914	156.583	148.583	149.087	148.079	H[2]
R[14]	759.965	88.063	80.054	80.558	79.550	R[1]

sp | P84244 | H33_MOUSE

K^{Trimethyl}_{42.05} SAPSTGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=91.73
- ▶ F105342.dat
- ▶ query=q6857.p1
- ▶ precursor=380.730170
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[2]	63.397	507.307	501.968	502.303	501.632	R[14]
S[2]	92.407	450.593	445.254	445.509	444.918	S[13]
A[3]	116.086	421.582	416.243	416.579	415.907	A[12]
P[4]	148.437	397.903	392.564	392.900	392.228	P[11]
S[5]	177.448	365.552	360.213	360.549	359.877	S[10]
T[6]	211.131	336.542	331.202	331.538	330.866	T[9]
G[7]	230.138	302.859	297.520	297.856	297.184	G[8]
G[8]	249.145	283.852	278.513	278.848	278.177	G[7]
V[9]	282.168	254.845	250.505	250.841	250.169	V[6]
K[10]	334.210	231.822	226.483	226.819	226.147	K[5]
K[11]	376.508	179.780	174.440	174.776	174.105	R[4]
P[12]	409.259	137.082	132.742	132.078	131.405	P[3]
H[13]	454.945	104.731	99.391	99.727	99.055	H[2]
R[14]	506.979	59.045	53.705	54.041	53.369	R[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.15
- ▶ F105342.dat
- ▶ query=q8973_p1
- ▶ precursor=997.508370
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1994.000	1977.989	0.000	1976.901	S[20]
E[2]	276.119	1864.965	1848.946	0.000	1847.939	E[19]
T[3]	377.167	1735.922	1719.904	0.000	1718.896	T[18]
A[4]	448.204	1634.875	1618.856	0.000	1617.848	A[17]
F[5]	545.257	1563.838	1547.819	0.000	1546.811	F[16]
A[6]	618.294	1466.785	1450.766	0.000	1449.758	A[15]
E[7]	745.136	1395.740	1379.720	0.000	1378.712	E[14]
T[8]	846.384	1296.705	1250.687	0.000	1249.679	T[13]
A[9]	917.421	1165.658	1149.639	0.000	1148.631	A[12]
A[10]	989.458	1094.620	1078.602	0.000	1077.594	A[11]
P[11]	1085.511	1023.583	1007.565	0.000	1006.557	P[10]
A[12]	1156.548	926.511	910.512	0.000	909.504	A[9]
P[13]	1251.601	854.491	839.473	0.000	838.465	P[8]
V[14]	1352.569	758.441	752.422	0.000	741.414	V[7]
E[15]	1481.712	659.372	643.354	0.000	642.346	E[6]
K[16]	1609.807	530.330	514.311	515.319	513.303	K[5]
S[17]	1696.839	402.235	386.216	387.224	385.208	S[4]
P[18]	1793.892	315.203	299.184	300.192	298.176	P[3]
A[19]	1864.929	218.150	202.131	203.139	201.123	A[2]
K[20]	1993.024	147.113	131.094	132.102	130.086	K[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHRK ^{Dimethyl}28.03 VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.65
- ▶ F105343.dat
- ▶ query=q12738_p1
- ▶ precursor=637.130450
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.059	2545.502	2529.463	0.000	2528.416	S[24]
G[2]	162.087	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	318.188	2401.449	2385.430	2386.438	2384.422	R[22]
G[4]	375.210	2345.448	2229.329	2230.337	2228.321	G[21]
K[5]	503.305	2188.326	2172.307	2173.315	2171.300	K[20]
G[6]	560.326	2060.231	2044.212	2045.220	2043.205	G[19]
G[7]	617.348	2003.210	1987.190	1988.199	1986.181	G[18]
K[8]	745.443	1946.188	1930.170	1931.177	1929.162	K[17]
G[9]	802.464	1818.091	1802.075	1803.082	1801.067	G[16]
L[10]	915.588	1761.072	1745.053	1746.061	1744.045	L[15]
Q[11]	972.570	1647.988	1631.969	1632.977	1630.961	Q[14]
K[12]	1100.665	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1157.686	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1214.708	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1285.745	1348.828	1332.810	1333.816	1331.800	A[10]
R[16]	1455.950	1277.701	1261.683	1262.700	1260.765	R[9]
R[17]	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1740.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.399	K[5]
V[21]	2190.306	502.298	486.280	487.287	485.272	V[4]
L[22]	2273.369	419.326	387.311	388.319	386.303	L[3]
R[23]	2429.491	290.148	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHRK ^{Dimethyl}28.03 VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.65
- ▶ F105343.dat
- ▶ query=q12738_p1
- ▶ precursor=637.130450
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	83.037	1273.255	1266.265	0.504	1264.741	S[24]
G[2]	81.547	1229.739	1221.729	0.504	1221.225	G[23]
K[3]	158.558	1201.229	1193.219	1193.723	1192.715	K[22]
G[4]	188.399	1123.177	1115.168	1115.972	1114.666	G[21]
K[5]	252.158	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	280.667	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	309.176	1002.108	994.099	994.603	993.595	G[18]
K[8]	373.225	973.598	965.588	966.092	965.084	K[17]
G[9]	401.736	909.556	901.541	902.045	901.037	G[16]
L[10]	430.246	881.046	873.033	873.534	872.526	L[15]
G[11]	458.756	824.498	816.488	816.992	815.984	G[14]
K[12]	550.836	795.987	787.977	788.481	787.474	K[13]
G[13]	579.347	731.939	723.930	724.434	723.426	G[12]
G[14]	607.857	703.429	695.419	695.923	694.915	G[11]
A[15]	643.376	674.919	666.908	667.412	666.404	A[10]
R[16]	736.420	639.399	631.390	631.894	630.886	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.296	468.287	468.791	467.783	H[7]
R[19]	963.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.657	251.663	243.653	244.157	243.149	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHRK ^{Dimethyl}28.03 VLRLD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.65
- ▶ F105343.dat
- ▶ query=q12738.p1
- ▶ precursor=637.130450
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	849.172	843.833	0.672	843.497	S[24]
G[2]	54.701	820.162	814.822	0.672	814.486	G[23]
R[3]	106.734	801.154	795.815	796.151	795.479	R[22]
G[4]	125.741	749.121	743.781	744.117	743.445	G[21]
K[5]	168.440	730.114	724.774	725.110	724.438	K[20]
G[6]	187.447	687.415	682.076	682.412	681.740	G[19]
G[7]	206.454	668.408	663.069	663.404	662.733	G[18]
K[8]	249.152	649.401	644.061	644.397	643.725	K[17]
G[9]	268.160	606.793	601.353	601.689	601.027	G[16]
L[10]	305.254	587.695	582.356	582.692	582.020	L[15]
G[11]	324.261	550.001	544.661	544.997	544.325	G[14]
K[12]	367.560	530.994	525.654	525.990	525.318	K[13]
G[13]	386.567	488.295	482.956	483.292	482.620	G[12]
G[14]	405.574	469.288	463.949	464.285	463.613	G[11]
A[15]	429.253	450.281	444.941	445.277	444.605	A[10]
K[16]	485.955	426.602	421.262	421.598	420.926	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	667.751	220.140	214.807	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=125.20
- ▶ F105343.dat
- ▶ query=q12739_p1
- ▶ precursor=637.130570
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.502	2529.483	0.000	2528.478	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	350.199	2359.438	2343.419	2344.427	2342.412	R[22]
G[4]	417.230	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.200	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.063	1760.064	1761.072	1759.056	G[16]
L[10]	927.559	1719.061	1703.063	1704.060	1702.035	L[15]
G[11]	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.840	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.795	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1459.850	1249.781	1233.762	1230.770	1231.764	R[9]
R[17]	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1908.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.399	K[5]
V[21]	2180.306	502.298	486.280	487.287	485.272	V[4]
L[22]	2273.390	403.230	387.211	388.219	386.203	L[3]
R[23]	2429.491	290.146	274.127	275.135	273.110	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=125.20
- ▶ F105343.dat
- ▶ query=q12739_p1
- ▶ precursor=637.130570
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.222	1172.213	1172.717	1171.709	R[22]
G[4]	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.153	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.293	860.036	852.027	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	694.381	653.913	645.903	646.407	645.399	A[10]
R[16]	728.430	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.290	468.281	468.781	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.667	251.663	243.653	244.157	243.149	V[4]
L[22]	1137.199	202.110	194.100	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=125.20
- ▶ F105343.dat
- ▶ query=q12739_p1
- ▶ precursor=637.130570
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.359	587.695	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.10
- ▶ F105343.dat
- ▶ query=q12740_p1
- ▶ precursor=849.171730
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2545.502	2529.463	0.000	2526.416	S[24]
G	2	204.008	2416.460	2400.441	0.000	2399.433	G[23]
R	3	360.199	2359.438	2343.410	2344.427	2342.412	R[22]
G	4	417.220	2303.337	2187.318	2188.326	2186.310	G[21]
K	5	848.315	2144.316	2130.297	2131.305	2129.289	K[20]
G	6	659.358	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.172	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.081	1760.064	1761.072	1759.056	G[16]
L	10	957.559	1719.061	1703.043	1704.050	1702.035	L[15]
Q	11	1014.580	1605.977	1589.958	1590.966	1588.951	Q[14]
K	12	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.735	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1405.802	1249.781	1219.762	1220.770	1218.755	R[9]
R	17	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1740.010	951.585	935.566	936.574	934.558	H[7]
R	19	1905.111	814.526	798.507	799.515	797.499	R[6]
K	20	2061.238	658.425	642.406	643.414	641.399	K[5]
V	21	2190.306	502.366	486.346	487.354	485.337	V[4]
L	22	2273.369	403.320	387.291	388.299	386.283	L[3]
R	23	2429.491	300.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.10
- ▶ F105343.dat
- ▶ query=q12740_p1
- ▶ precursor=849.171730
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.153	1073.661	1055.652	1056.156	1055.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.109	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.210	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.283	860.036	852.027	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	684.384	653.913	645.903	646.407	645.399	A[10]
R[16]	728.432	618.394	610.385	610.889	609.881	R[9]
R[17]	806.470	554.347	546.337	546.841	545.833	R[6]
H[18]	875.009	476.290	468.280	468.784	467.776	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	339.716	331.707	332.211	331.203	K[5]
V[21]	1080.669	251.663	243.653	244.157	243.149	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=116.34
- ▶ F105343.dat
- ▶ query=q12882_p1
- ▶ precursor=647.633020
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G[2]	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	360.199	2401.440	2385.430	2386.438	2384.422	R[22]
G[4]	417.220	2349.340	2229.300	2230.337	2228.321	G[21]
K[5]	545.315	2185.320	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.181	G[18]
K[8]	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.083	1802.075	1803.082	1801.067	G[16]
L[10]	957.559	1761.072	1745.053	1746.061	1744.045	L[15]
Q[11]	1014.580	1647.988	1631.969	1632.977	1630.961	Q[14]
K[12]	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.821	G[11]
A[15]	1327.755	1348.828	1332.818	1333.818	1331.802	A[10]
R[16]	1407.861	1277.791	1261.772	1262.780	1260.765	R[9]
R[17]	1653.962	1107.688	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1967.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.406	643.414	641.398	K[5]
V[21]	2202.217	502.300	486.280	487.287	485.272	V[4]
L[22]	2313.403	463.139	447.111	448.119	446.103	L[3]
R[23]	2471.502	290.146	274.127	275.135	273.119	R[2]
D[24]	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=116.34
- ▶ F105343.dat
- ▶ query=q12882.p1
- ▶ precursor=647.633020
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1294.260	1286.251	0.504	1289.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1201.229	1193.219	1193.723	1192.713	R[22]
G[4]	259.114	1123.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.151	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	303.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	893.040	873.033	873.534	872.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	633.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.919	666.908	667.412	666.405	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.290	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	253.693	245.683	246.187	245.180	V[4]
L[22]	1158.204	202.139	194.130	194.633	193.625	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

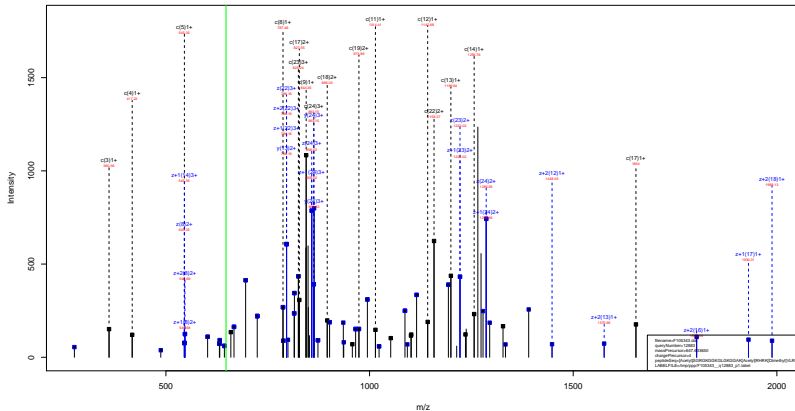
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Dimethyl}VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=116.34
- ▶ F105343.dat
- ▶ query=q12882.p1
- ▶ precursor=647.633020
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	58.704	320.162	814.822	0.672	814.486	G[23]
R[3]	150.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.355	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.146	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl}RHRK ^{Dimethyl}VLRD
42.01 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=125.07
- ▶ F105343.dat
- ▶ query=q12883_p1
- ▶ precursor=647.633650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	360.199	2401.440	2385.420	2388.438	2384.422	R[22]
G	4	417.220	2349.340	2229.309	2230.337	2228.321	G[21]
K	5	545.315	2185.328	2172.307	2173.315	2171.308	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.181	G[18]
K	8	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.083	1802.075	1803.082	1801.067	G[16]
L	10	957.559	1761.072	1745.063	1746.061	1744.045	L[15]
Q	11	1014.580	1647.988	1631.980	1632.977	1630.961	Q[14]
K	12	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.821	G[11]
A	15	1327.755	1249.828	1232.808	1233.818	1231.802	A[10]
R	16	1407.884	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1653.962	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.217	502.368	486.349	487.357	485.342	V[4]
L	22	2315.403	463.239	447.211	448.219	446.201	L[3]
R	23	2471.502	290.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=125.07
- ▶ F105343.dat
- ▶ query=q12883.p1
- ▶ precursor=647.633650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1294.260	1286.251	0.504	1285.747	S 24
G 2	102.553	1229.739	1221.729	0.504	1221.225	G 23
R 3	180.603	1201.228	1193.219	1193.723	1192.715	R 22
G 4	259.114	1123.177	1115.168	1115.672	1114.666	G 21
K 5	273.153	1094.667	1086.657	1087.161	1086.153	K 20
G 6	303.672	1030.619	1022.610	1023.114	1022.100	G 19
G 7	330.183	1002.108	994.099	994.603	993.590	G 18
K 8	394.230	973.598	965.588	966.092	965.084	K 17
G 9	422.741	909.550	901.541	902.045	901.031	G 16
L 10	479.293	863.040	873.030	873.534	872.526	L 15
G 11	507.794	824.498	815.488	816.992	815.984	G 14
K 12	571.841	795.987	787.977	788.481	787.474	K 13
G 13	600.352	731.939	723.930	724.434	723.426	G 12
G 14	628.863	703.429	695.419	695.923	694.915	G 11
A 15	694.381	674.919	666.908	667.412	666.405	A 10
R 16	749.434	639.399	631.390	631.894	630.886	R 9
R 17	827.485	554.347	546.337	546.841	545.833	R 8
H 18	896.014	476.290	468.280	468.781	467.783	H 7
R 19	974.065	407.767	399.757	400.261	399.253	R 6
K 20	1052.128	329.716	321.707	322.211	321.203	K 5
V 21	1101.662	251.653	243.643	244.147	243.140	V 4
L 22	1158.204	202.119	194.109	194.613	193.605	L 3
R 23	1236.255	145.577	137.567	138.071	137.063	R 2
D 24	1293.768	67.526	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

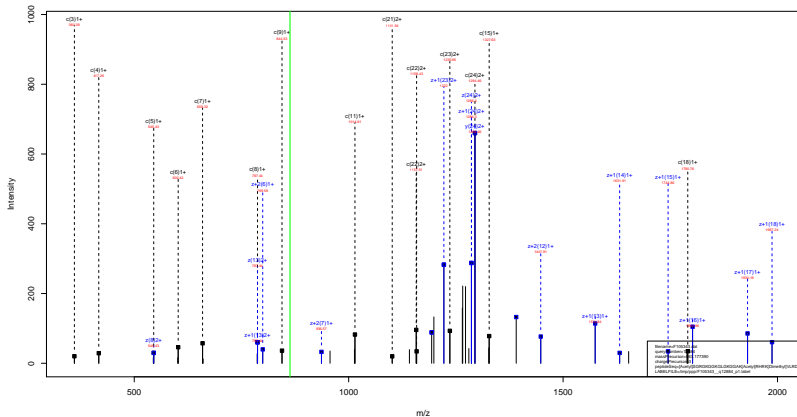
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=125.07
- ▶ F105343.dat
- ▶ query=q12883.p1
- ▶ precursor=647.633650
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	457.836	0.672	857.500	S[24]
G[2]	58.704	320.162	814.822	0.672	814.486	G[23]
R[3]	150.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	630.393	602.363	601.699	601.027	G[16]
L[10]	319.858	607.695	582.357	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.146	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.24
- ▶ F105343.dat
- ▶ query=q12884_p1
- ▶ precursor=863.177390
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2587.513	2571.494	0.000	2570.486	S[24]
G[2]	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	368.199	2401.449	2385.430	2386.438	2384.422	R[22]
G[4]	417.230	2345.348	2329.329	2330.337	2328.321	G[21]
K[5]	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.210	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K[8]	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L[10]	937.459	1763.072	1745.053	1746.061	1744.045	L[15]
G[11]	1014.580	1547.985	1631.969	1632.977	1630.961	G[14]
K[12]	1142.675	1590.969	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1327.755	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1467.883	1277.791	1261.773	1262.780	1260.765	R[9]
R[17]	1653.962	1107.685	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.406	643.414	641.398	K[5]
V[21]	2202.317	502.298	486.280	487.287	485.272	V[4]
L[22]	2315.401	403.230	387.211	388.219	386.203	L[3]
R[23]	2471.502	298.146	274.127	275.135	273.119	R[2]
D[24]	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Dimethyl}VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.24
- ▶ F105343.dat
- ▶ query=q12884_p1
- ▶ precursor=863.177390
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
K[3]	180.603	1201.229	1193.219	1193.723	1192.715	R[22]
G[4]	259.114	1123.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.153	1094.667	1086.657	1087.161	1086.151	K[20]
G[6]	303.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.599	965.588	966.092	965.084	K[17]
G[9]	422.741	959.550	961.541	962.045	961.037	G[16]
L[10]	479.289	893.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.495	816.486	816.990	815.982	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	684.381	674.919	666.908	667.412	666.404	A[10]
R[16]	749.438	639.390	631.380	631.884	630.876	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[6]
H[18]	866.014	476.290	468.280	468.784	467.776	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	251.653	243.643	244.147	243.140	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Dimethyl}VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=95.89
- ▶ F105343.dat
- ▶ query=q12885_p1
- ▶ precursor=518.311020
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.070	2687.513	2571.494	0.000	2570.490	S[24]
G	2	204.008	2438.470	2442.451	0.000	2441.444	G[23]
R	3	360.199	2401.440	2385.430	2386.438	2384.422	R[22]
G	4	417.230	2048.348	2229.329	2230.337	2229.321	G[21]
K	5	545.315	2188.325	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.211	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.181	G[18]
K	8	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.066	G[16]
L	10	957.559	1763.072	1746.053	1746.061	1744.046	L[15]
G	11	1014.580	1647.988	1631.969	1632.977	1630.961	G[14]
K	12	1142.675	1500.906	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1320.659	1348.829	1332.810	1333.818	1331.803	A[10]
R	16	1487.661	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1653.902	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1761.001	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	638.425	642.406	643.414	641.398	K[5]
V	21	2202.317	502.266	495.280	497.287	495.271	V[4]
L	22	2315.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	290.148	274.127	275.135	273.119	R[2]
D	24	2588.520	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=95.89
- ▶ F105343.dat
- ▶ query=q12885_p1
- ▶ precursor=518.311020
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.251	0.504	1289.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1201.228	1193.219	1193.723	1192.715	R[22]
G[4]	259.114	1123.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.153	1094.567	1086.657	1087.161	1086.153	K[20]
G[6]	303.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.597	965.588	966.092	965.084	K[17]
G[9]	427.711	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	881.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.391	674.918	666.908	667.412	666.405	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.206	468.207	468.791	467.783	H[7]
R[19]	974.085	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.129	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	252.693	244.683	245.187	244.180	V[4]
L[22]	1158.204	202.135	194.126	194.631	193.623	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=95.89
- ▶ F105343.dat
- ▶ query=q12885.p1
- ▶ precursor=518.311020
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.900	S[24]
G[2]	58.704	320.162	814.822	0.672	814.486	G[23]
R[3]	150.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	609.703	601.363	601.699	601.027	G[16]
L[10]	319.958	587.695	582.356	582.692	582.020	L[15]
G[11]	338.965	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.002	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.896	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.941	267.176	266.505	R[6]
K[20]	701.754	220.140	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.768	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=95.89
- ▶ F105343.dat
- ▶ query=q12885.p1
- ▶ precursor=518.311020
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.755	643.177	S[24]
G[2]	51.780	515.373	611.368	0.755	611.116	G[23]
R[3]	90.805	601.118	597.113	597.365	596.061	R[22]
G[4]	105.061	562.092	558.088	550.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.980	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	459.279	455.274	455.526	455.022	G[16]
L[10]	280.148	441.023	437.019	437.271	436.767	L[15]
G[11]	254.403	417.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	366.473	362.469	362.721	362.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	277.877	273.672	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	487.536	204.387	200.382	200.634	200.130	R[6]
K[20]	526.568	165.362	161.357	161.609	161.105	K[5]
V[21]	551.335	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=90.65
- ▶ F105343.dat
- ▶ query=q13072.p1
- ▶ precursor=657.122580
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	227.043	2025.469	2029.450	0.000	2039.442	S[24]
G[2]	264.054	2416.460	2420.441	0.000	2399.433	G[23]
H[3]	440.105	2359.439	2343.439	2344.437	2342.412	H[22]
G[4]	497.107	2203.337	2187.338	2188.326	2186.310	G[21]
K[5]	625.082	2140.316	2130.297	2131.305	2129.289	K[20]
G[6]	682.303	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	739.325	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	807.420	1904.179	1888.159	1889.167	1887.151	K[17]
G[9]	824.441	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	1037.526	1719.061	1703.043	1704.050	1702.035	L[15]
G[11]	1094.547	1605.977	1589.958	1590.966	1588.951	G[14]
K[12]	1222.642	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1279.663	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1336.685	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1407.722	1306.818	1290.799	1291.807	1289.791	A[10]
K[16]	1535.817	1249.781	1233.762	1234.770	1232.754	K[9]
R[17]	1691.918	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1828.977	991.585	935.566	936.574	934.558	H[7]
R[19]	1985.078	814.526	798.507	799.515	797.499	R[6]
K[20]	2141.204	658.425	642.406	643.414	641.398	K[5]
V[21]	2240.272	502.298	486.280	487.287	485.272	V[4]
L[22]	2363.396	401.236	385.217	388.219	386.203	L[3]
D[23]	2509.488	290.140	274.123	275.130	273.115	D[2]
D[24]	2634.485	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=90.65
- ▶ F105343.dat
- ▶ query=q13072.p1
- ▶ precursor=657.122580
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	144.605	1111.238	1305.229	0.504	1304.726	S[24]
G	2	142.536	1208.733	1200.724	0.504	1200.220	G[23]
R	3	230.586	1180.223	1172.213	1172.717	1171.709	R[22]
G	4	249.097	1102.172	1094.163	1094.667	1093.659	G[21]
K	5	313.149	1073.661	1065.652	1066.156	1065.148	K[20]
G	6	341.655	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	370.166	981.103	973.094	973.598	972.590	G[18]
K	8	434.213	952.592	944.583	945.087	944.070	K[17]
G	9	462.724	888.545	880.536	881.540	880.532	G[16]
L	10	519.266	860.036	852.028	853.032	852.024	L[15]
G	11	547.777	803.482	795.483	795.987	794.979	G[14]
K	12	611.824	774.982	766.972	767.476	766.468	K[13]
G	13	640.335	710.934	702.925	703.429	702.421	G[12]
G	14	668.846	682.423	674.414	674.918	673.910	G[11]
A	15	704.364	623.913	615.903	616.407	615.399	A[10]
R	16	730.412	618.394	610.385	610.889	609.881	R[9]
R	17	846.462	554.347	546.337	546.841	545.833	R[8]
H	18	914.992	476.290	468.282	469.286	467.783	H[7]
R	19	993.043	407.767	399.757	400.761	399.253	R[6]
K	20	1071.108	339.716	331.707	332.711	331.203	K[5]
V	21	1120.640	283.663	283.663	284.667	283.160	V[4]
L	22	1177.182	202.110	194.100	194.613	193.605	L[3]
R	23	1255.232	145.577	137.567	138.071	137.063	R[2]
D	24	1312.746	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=90.65
- ▶ F105343.dat
- ▶ query=q13072.p1
- ▶ precursor=657.122580
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	76.352	875.828	870.488	0.672	870.152	S[24]
G[2]	95.360	306.150	900.818	0.672	800.483	G[23]
R[3]	147.393	787.151	781.811	782.147	781.475	R[22]
G[4]	166.400	735.117	729.778	730.114	729.442	G[21]
K[5]	209.099	716.110	710.770	711.106	710.435	K[20]
G[6]	228.106	673.412	668.072	668.408	667.736	G[19]
G[7]	247.113	654.405	649.065	649.401	648.729	G[18]
K[8]	289.811	635.397	630.058	630.394	629.722	K[17]
G[9]	308.819	592.699	587.360	587.696	587.024	G[16]
L[10]	348.313	671.692	568.352	568.688	568.016	L[15]
G[11]	365.520	538.997	530.658	530.994	530.322	G[14]
K[12]	408.219	516.990	511.651	511.986	511.315	K[13]
G[13]	427.226	474.292	468.952	469.288	468.616	G[12]
G[14]	446.233	455.285	449.945	450.281	449.609	G[11]
A[15]	469.912	436.277	430.938	431.274	430.602	A[10]
K[16]	512.610	412.598	407.259	407.595	406.923	K[9]
R[17]	564.644	369.900	364.561	364.896	364.225	R[8]
H[18]	610.330	317.866	312.527	312.863	312.191	H[7]
R[19]	652.364	272.180	266.841	267.176	266.505	R[6]
K[20]	714.406	220.140	214.807	215.143	214.471	K[5]
V[21]	757.429	168.104	162.765	163.101	162.429	V[4]
L[22]	785.124	135.082	129.742	130.078	129.406	L[3]
R[23]	837.157	97.387	92.047	92.383	91.711	R[2]
D[24]	875.500	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGKGLGKGGAKR^{Dimethyl}RH^{28.03} K^{Acetyl} VLRD^{42.01}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=77.38
- ▶ F105343.dat
- ▶ query=q13077_p1
- ▶ precursor=658.135980
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2629.523	2613.505	0.000	2612.497	S[24]
G	2	204.008	2500.481	2484.462	0.000	2483.454	G[23]
R	3	360.199	2641.450	2427.431	2426.448	2626.433	R[22]
G	4	417.220	2287.568	2271.549	2272.567	2270.551	G[21]
K	5	587.326	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	644.347	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	701.369	2003.210	1987.191	1988.199	1986.181	G[18]
K	8	829.464	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	886.485	1818.062	1802.075	1803.082	1801.067	G[16]
L	10	993.569	1761.072	1745.053	1746.061	1744.045	L[15]
Q	11	1056.591	1647.985	1631.969	1632.977	1630.961	Q[14]
K	12	1184.686	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1469.796	1348.829	1332.810	1333.818	1331.802	A[10]
R	16	1469.883	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1653.962	1148.695	1132.676	1134.685	1132.670	R[8]
H	18	1791.021	993.595	977.577	978.584	976.569	H[7]
R	19	1975.153	856.536	840.518	841.525	839.510	R[6]
K	20	2145.250	672.404	656.385	657.393	655.377	K[5]
V	21	2244.327	502.266	486.248	487.257	485.242	V[4]
L	22	2367.413	603.139	587.121	588.215	586.201	L[3]
R	23	2513.512	290.146	274.127	275.135	273.119	R[2]
D	24	2628.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGKGLGKGGAKRHR^{Dimethyl}_{28.03} K^{Acetyl}_{42.01} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=77.38
- ▶ F105343.dat
- ▶ query=q13077_p1
- ▶ precursor=658.135980
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1315.265	1307.256	0.504	1308.752	S[24]
G[2]	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R[3]	180.603	1222.233	1214.224	1214.728	1215.720	R[22]
G[4]	259.114	1144.183	1138.173	1138.077	1135.669	G[21]
K[5]	294.157	1115.672	1107.663	1108.167	1107.159	K[20]
G[6]	322.677	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	351.188	1002.108	994.099	994.603	993.595	G[18]
K[8]	415.230	973.599	965.588	966.092	965.083	K[17]
G[9]	443.740	950.550	901.541	902.045	901.037	G[16]
L[10]	509.288	893.040	871.033	873.024	872.528	L[15]
G[11]	528.799	824.498	816.488	816.992	815.984	G[14]
K[12]	592.847	795.987	787.977	788.481	787.474	K[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	640.868	703.429	695.419	695.923	694.915	G[11]
A[15]	685.389	674.918	666.908	667.412	666.405	A[10]
R[16]	749.434	639.359	631.390	631.894	630.885	R[9]
R[17]	827.485	575.352	567.342	567.846	566.830	R[8]
H[18]	896.014	497.301	489.292	489.796	488.789	H[7]
R[19]	988.080	428.772	420.762	421.266	420.250	R[6]
K[20]	1073.133	336.706	328.695	329.200	328.192	K[5]
V[21]	1122.667	252.653	243.643	244.147	243.140	V[4]
L[22]	1179.209	202.119	194.109	194.613	193.605	L[3]
R[23]	1257.260	145.577	137.567	138.071	137.063	R[2]
D[24]	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

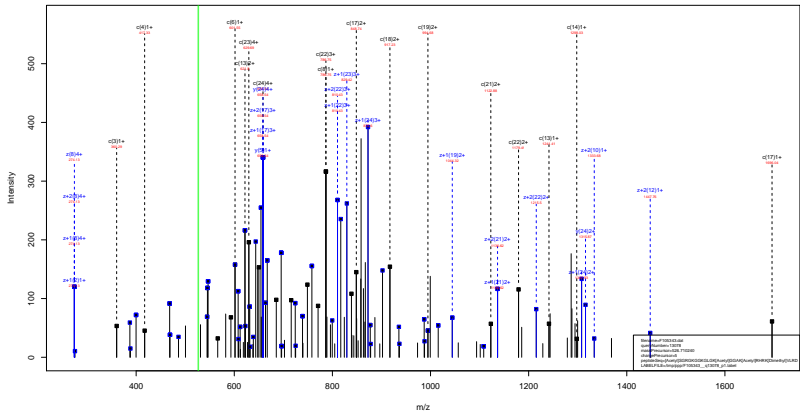
[Acetyl]SGR^{Acetyl}RGK^{42.01} GGKGLGKGGAKRHR^{Dimethyl} K^{28.03} AcetylVLRD^{42.01}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=77.38
- ▶ F105343.dat
- ▶ query=q13077_p1
- ▶ precursor=658.135980
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	871.840	0.672	871.504	S[24]
G[2]	58.704	134.105	826.826	0.672	826.490	G[23]
R[3]	150.738	815.158	809.818	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	758.121	757.449	G[21]
K[5]	196.447	744.117	738.778	739.113	738.442	K[20]
G[6]	215.454	687.415	682.076	682.412	681.740	G[19]
G[7]	234.461	668.408	663.069	663.404	662.733	G[18]
K[8]	277.159	649.401	644.061	644.397	643.725	K[17]
G[9]	286.167	636.793	601.363	603.699	601.047	G[16]
L[10]	313.881	587.695	582.356	582.692	582.020	L[15]
G[11]	352.888	550.001	544.661	544.997	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	383.904	378.564	378.900	378.228	R[8]
H[18]	597.678	331.870	326.530	326.866	326.194	H[7]
R[19]	659.056	296.184	290.844	291.180	290.508	R[6]
K[20]	715.758	224.806	219.467	219.803	219.131	K[5]
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl} 42.01 GGAK ^{Acetyl} 42.01 RHRK ^{Dimethyl} 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.18
- ▶ F105343.dat
- ▶ query=q13078_p1
- ▶ precursor=526.710240
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2029.523	2613.505	0.000	2612.497	S[24]
G	2	204.008	2500.481	2484.462	0.000	2483.454	G[23]
R	3	358.199	2843.450	2827.441	2420.448	2420.433	R[22]
G	4	417.220	2267.386	2271.330	2272.347	2270.333	G[21]
K	5	545.315	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	602.337	2102.342	2086.235	2087.231	2085.215	G[19]
G	7	659.358	2045.220	2026.200	2030.209	2028.194	G[18]
K	8	787.453	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	844.475	1895.104	1884.085	1845.093	1843.077	G[16]
L	10	897.559	1803.062	1787.064	1788.071	1786.055	L[15]
G	11	1014.580	1689.968	1673.980	1674.987	1672.972	G[14]
K	12	1184.688	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1369.796	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1539.871	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1695.973	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1833.031	951.585	935.566	936.574	934.558	H[7]
R	19	1889.133	814.526	798.507	799.515	797.499	R[6]
K	20	2145.259	658.425	642.406	643.414	641.398	K[5]
V	21	2244.327	502.298	486.280	487.287	485.272	V[4]
L	22	2357.411	403.239	387.211	388.219	386.203	L[3]
R	23	2513.512	290.140	274.127	275.135	273.119	R[2]
D	24	2628.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.18
- ▶ F105343.dat
- ▶ query=q13078_p1
- ▶ precursor=526.710240
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1315.265	1307.256	0.504	1306.752	S[24]
G[2]	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R[3]	180.603	1222.233	1214.224	1214.728	1213.720	R[22]
G[4]	269.114	1144.183	1136.173	1136.677	1135.669	G[21]
K[5]	278.163	1115.672	1107.663	1108.167	1107.159	K[20]
G[6]	361.672	1051.625	1043.615	1044.119	1043.111	G[19]
G[7]	350.183	1023.114	1015.104	1015.608	1014.600	G[18]
K[8]	394.230	994.603	986.594	987.098	986.090	K[17]
G[9]	422.741	928.705	922.596	921.090	922.042	G[16]
L[10]	479.293	902.045	894.035	894.539	893.532	L[15]
Q[11]	507.794	845.503	837.493	837.997	836.990	Q[14]
K[12]	592.847	816.992	808.983	809.487	808.479	K[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	649.868	703.429	695.419	695.923	694.915	G[11]
A[15]	683.387	624.919	616.908	617.412	616.405	A[10]
R[16]	770.439	639.399	631.390	631.894	630.886	R[9]
R[17]	848.490	554.347	546.337	546.841	545.833	R[8]
R[18]	917.019	476.200	468.287	468.791	467.783	R[7]
R[19]	995.070	407.767	399.757	400.261	399.253	R[6]
K[20]	1073.133	329.716	321.707	322.211	321.203	K[5]
V[21]	1122.667	251.663	243.653	244.147	243.140	V[4]
L[22]	1179.709	202.132	194.122	194.615	193.607	L[3]
R[23]	1257.260	145.577	137.567	138.071	137.063	R[2]
D[24]	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.18
- ▶ F105343.dat
- ▶ query=q13078.p1
- ▶ precursor=526.710240
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S[1]	49.697	877.179	871.840		0.672	871.904	S[24]
G[2]	58.704	134.105	828.826		0.672	828.490	G[23]
R[3]	120.738	815.158	809.818	810.154	809.482	R[22]	
G[4]	139.745	763.124	757.785	750.124	757.449	G[21]	
K[5]	182.443	744.117	738.778	739.113	738.442	K[20]	
G[6]	201.450	701.419	696.079	696.415	695.743	G[19]	
G[7]	220.458	682.412		677.072	677.408	G[18]	
K[8]	263.156	653.404	658.065	658.401	657.729	K[17]	
G[9]	282.163	637.095	615.367	615.703	615.031	G[16]	
L[10]	319.858	601.699	596.359	598.698	596.023	L[15]	
G[11]	338.865	504.024	558.665	559.001	558.329	G[14]	
K[12]	395.567	544.997	539.658	539.994	539.322	K[13]	
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]	
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]	
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]	
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]	
R[17]	565.996	369.900	364.561	364.896	364.225	R[8]	
H[18]	613.682	317.866	312.527	312.863	312.191	H[7]	
R[19]	663.716	272.180	266.841	267.176	266.505	R[6]	
K[20]	715.758	220.140	214.807	215.143	214.471	K[5]	
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]	
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]	
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]	
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]	

sp | P62806 | H4_MOUSE

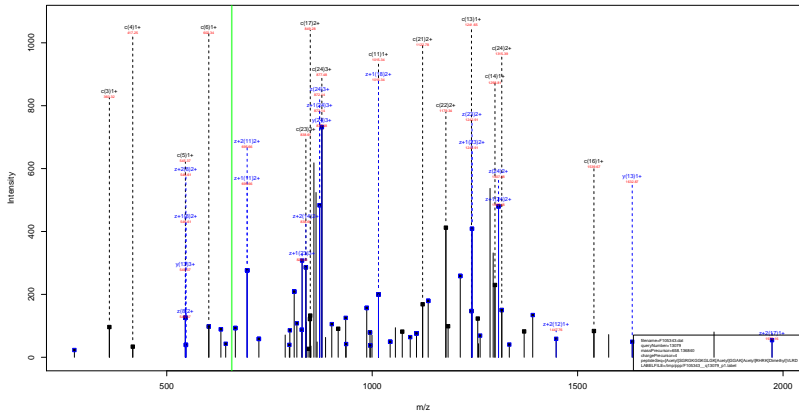
[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=71.18
- ▶ F105343.dat
- ▶ query=q13078.p1
- ▶ precursor=526.710240
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	658.136	654.132	0.755	653.880	S[24]
G[2]	51.780	525.875	621.871	0.755	621.619	G[23]
R[3]	90.805	611.620	607.616	607.868	607.364	R[22]
G[4]	105.061	572.595	568.590	568.842	568.338	G[21]
K[5]	137.084	558.340	554.335	554.587	554.083	K[20]
G[6]	151.340	526.316	522.311	522.563	522.059	G[19]
G[7]	165.595	512.061	508.056	508.308	507.804	G[18]
K[8]	197.619	497.805	493.800	494.052	493.549	K[17]
G[9]	211.874	486.781	482.777	483.029	482.525	G[16]
L[10]	280.148	451.526	447.521	447.773	447.269	L[15]
G[11]	254.401	423.255	419.250	419.502	418.998	G[14]
K[12]	296.627	409.000	404.995	405.247	404.743	K[13]
G[13]	311.182	366.473	362.469	362.721	362.217	G[12]
G[14]	325.438	352.218	348.213	348.465	347.961	G[11]
A[15]	343.197	337.963	333.958	334.210	333.706	A[10]
K[16]	385.723	320.203	316.199	316.451	315.947	K[9]
R[17]	424.749	-277.877	273.672	273.924	273.420	R[8]
H[18]	459.013	238.652	234.647	234.899	234.395	H[7]
R[19]	498.039	204.397	200.392	200.644	200.140	R[6]
K[20]	537.070	165.362	161.357	161.609	161.105	K[5]
V[21]	561.837	126.330	122.325	122.577	122.073	V[4]
L[22]	590.108	101.563	97.558	97.810	97.306	L[3]
R[23]	629.134	73.292	69.287	69.539	69.035	R[2]
D[24]	657.890	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl} 42.01 GGAK ^{Acetyl} 42.01 RHRK ^{Dimethyl} 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=99.60
- ▶ F105343.dat
- ▶ query=q13079_p1
- ▶ precursor=658.136840
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.676	2029.523	2613.505	0.000	2612.497	S[24]
G[2]	204.098	2500.481	2484.462	0.000	2483.454	G[23]
R[3]	368.199	2843.450	2827.441	2420.448	2420.433	R[22]
G[4]	417.220	2267.386	2271.330	2272.347	2270.333	G[21]
K[5]	545.315	2230.337	2214.318	2215.326	2213.310	K[20]
G[6]	602.337	2102.342	2086.235	2087.231	2085.215	G[19]
G[7]	659.358	2045.220	2026.200	2030.209	2028.194	G[18]
K[8]	787.453	1988.199	1972.180	1973.188	1971.172	K[17]
G[9]	844.475	1866.104	1844.085	1845.093	1843.077	G[16]
L[10]	973.559	1803.062	1787.064	1788.071	1786.056	L[15]
G[11]	1014.580	1689.958	1673.980	1674.987	1672.972	G[14]
K[12]	1184.686	1632.977	1616.958	1617.966	1615.950	K[13]
G[13]	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1369.766	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1539.871	1277.791	1261.773	1262.780	1260.765	R[9]
R[17]	1695.973	1107.688	1091.667	1092.675	1090.659	R[8]
H[18]	1833.031	951.585	935.566	936.574	934.558	H[7]
R[19]	1989.133	814.526	798.507	799.515	797.499	R[6]
K[20]	2145.259	658.425	642.406	643.414	641.398	K[5]
V[21]	2244.327	502.268	486.250	487.267	485.272	V[4]
L[22]	2357.411	403.239	387.211	388.219	386.203	L[3]
R[23]	2513.512	290.140	274.127	275.135	273.119	R[2]
D[24]	2628.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=99.60
- ▶ F105343.dat
- ▶ query=q13079_p1
- ▶ precursor=658.136840
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1315.265	1307.256	0.504	1306.752	S[24]
G	2	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R	3	180.603	1222.233	1214.224	1214.728	1213.720	R[22]
G	4	259.114	1144.183	1136.173	1136.677	1135.669	G[21]
K	5	273.153	1115.672	1107.663	1108.167	1107.159	K[20]
G	6	301.672	1051.625	1043.615	1044.119	1043.111	G[19]
G	7	330.183	1023.114	1015.104	1015.608	1014.601	G[18]
K	8	394.230	994.603	986.594	987.098	986.090	K[17]
G	9	422.741	938.056	922.546	923.050	922.042	G[16]
L	10	479.283	902.045	886.035	884.539	883.532	L[15]
G	11	507.794	845.503	837.493	837.997	836.990	G[14]
K	12	502.847	816.992	808.983	809.487	808.479	K[13]
G	13	621.357	731.939	723.930	724.434	723.426	G[12]
G	14	649.868	703.429	695.419	695.923	694.915	G[11]
A	15	685.389	674.919	666.908	667.412	666.405	A[10]
R	16	770.439	639.399	631.390	631.894	630.887	R[9]
R	17	848.490	554.347	546.337	546.841	545.833	R[8]
H	18	917.019	476.296	468.287	468.791	467.783	H[7]
R	19	995.070	407.767	399.757	400.261	399.253	R[6]
K	20	1073.133	329.716	321.707	322.211	321.203	K[5]
V	21	1122.667	251.663	243.653	244.157	243.149	V[4]
L	22	1179.209	202.119	194.109	194.613	193.605	L[3]
R	23	1257.260	145.577	137.567	138.071	137.063	R[2]
D	24	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=99.60
- ▶ F105343.dat
- ▶ query=q13079_p1
- ▶ precursor=658.136840
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	871.840	0.672	871.504	S[24]
G[2]	58.704	134.165	826.826	0.672	826.490	G[23]
R[3]	150.738	815.158	909.818	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	758.121	757.449	G[21]
K[5]	182.443	744.117	738.778	739.113	738.442	K[20]
G[6]	201.450	701.419	696.079	696.415	695.743	G[19]
G[7]	220.458	682.412	677.072	677.408	676.736	G[18]
K[8]	263.156	663.404	658.063	658.401	657.729	K[17]
G[9]	282.163	630.705	615.367	615.703	615.031	G[16]
L[10]	319.958	601.699	596.359	596.698	596.023	L[15]
G[11]	338.965	504.024	558.665	559.001	558.329	G[14]
K[12]	395.567	544.997	539.658	539.994	539.322	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]
R[17]	565.996	369.900	364.561	364.896	364.225	R[8]
H[18]	611.682	317.896	312.527	312.863	312.191	H[7]
R[19]	663.716	272.180	266.841	267.176	266.505	R[6]
K[20]	715.758	220.140	214.807	215.143	214.471	K[5]
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl} KAVTKAQKKD
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.76
- ▶ F105343.dat
- ▶ query=q13099_p1
- ▶ precursor=658.883000
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P 1	115.087	2632.514	2038.496	0.000	2615.488	P 25
E 2	284.129	2535.462	2519.443	0.000	2512.435	E 24
P 3	341.182	2406.410	2390.400	0.000	2389.393	P 23
A 4	412.219	2309.366	2293.348	0.000	2292.340	A 22
K 5	540.314	2238.329	2222.311	2223.318	2221.303	K 21
S 6	627.346	2110.234	2094.216	2095.223	2093.209	S 20
A 7	697.381	2022.202	2007.184	2008.191	2006.176	A 19
P 8	795.436	1952.165	1936.146	1937.154	1935.139	P 18
A 9	866.473	1855.112	1839.094	1840.101	1838.086	A 17
P 10	963.526	1784.075	1768.057	1769.064	1767.049	P 16
K 11	1091.621	1687.022	1671.004	1672.012	1669.996	K 15
K 12	1219.716	1559.928	1542.909	1543.917	1541.901	K 14
G 13	1276.737	1430.815	1414.814	1415.822	1413.806	G 13
S 14	1363.769	1373.811	1357.792	1358.800	1356.785	S 12
K 15	1533.875	1286.779	1270.760	1271.768	1269.752	K 11
K 16	1661.970	1119.674	1100.655	1101.663	1099.647	K 10
A 17	1733.007	988.579	972.560	973.568	971.552	A 9
V 18	1832.075	917.541	901.523	902.531	900.515	V 8
T 19	1933.123	818.473	802.454	803.462	801.446	T 7
K 20	2081.218	737.425	701.407	702.414	700.399	K 6
A 21	2132.255	669.332	573.312	574.320	572.304	A 5
Q 22	2260.314	518.293	502.275	503.282	501.267	Q 4
K 23	2388.409	390.235	374.216	375.224	373.208	K 3
K 24	2516.504	262.140	246.121	247.129	245.113	K 2
D 25	2631.530	134.045	118.026	119.034	117.018	D 1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl}42.01 KAVTKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.76
- ▶ F105343.dat
- ▶ query=q13099_p1
- ▶ precursor=658.883000
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
F	1	58.047	1316.761	1308.752	0.504	1308.248	P[25]
E	3	122.508	1308.229	1260.225	0.504	1259.721	E[24]
F	3	171.095	1303.713	1319.708	0.504	1195.209	F[23]
A	4	206.613	1155.187	1147.177	0.504	1146.674	A[22]
K	5	270.681	1119.668	1111.659	1112.163	1111.155	K[21]
S	6	314.177	1035.621	1047.611	1048.115	1047.107	S[20]
A	7	349.695	1012.105	1004.095	1004.599	1003.591	A[19]
F	8	389.222	978.599	985.577	989.081	968.673	F[18]
A	9	433.740	928.065	920.050	920.554	919.543	A[17]
F	10	482.267	892.541	894.532	885.036	884.028	F[16]
K	11	546.314	844.015	836.006	836.509	835.502	K[15]
K	12	610.362	779.987	771.958	772.462	771.454	K[14]
G	13	638.872	715.920	707.911	708.414	707.407	G[13]
S	14	682.388	687.409	678.400	679.904	678.895	S[12]
K	15	767.441	643.893	635.884	636.888	635.880	K[11]
K	16	831.488	638.840	630.831	631.835	630.827	K[10]
A	17	887.007	494.793	486.784	487.287	486.280	A[9]
V	18	919.541	459.274	451.265	451.769	450.761	V[8]
T	19	967.065	409.746	401.733	402.235	401.227	T[7]
K	20	1031.113	359.215	351.207	351.711	350.703	K[6]
A	21	1066.631	295.169	287.159	287.663	286.655	A[5]
Q	22	1130.660	259.656	251.641	252.145	251.137	Q[4]
K	23	1194.708	195.621	187.612	188.116	187.108	K[3]
K	24	1238.759	131.574	123.564	124.068	123.060	K[2]
D	25	1318.289	67.526	59.517	60.021	59.013	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

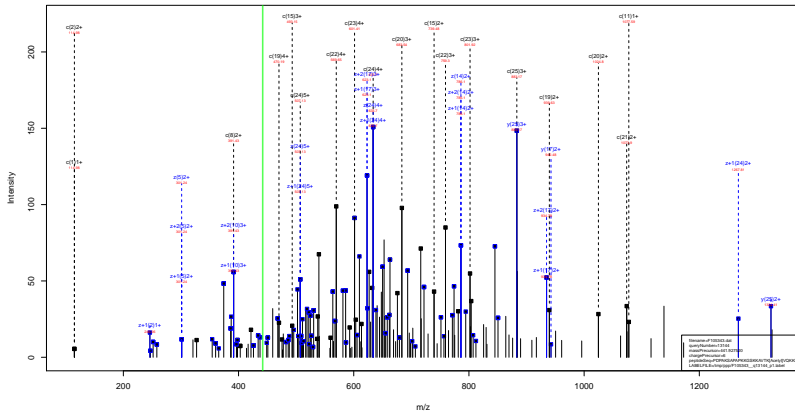
PEPAKSAPAPKKGSK^{Acetyl} KAVTKAQKKD
42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.76
- ▶ F105343.dat
- ▶ query=q13099_p1
- ▶ precursor=658.883000
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	39.034	878.176	872.837	0.672	872.501	P
E	2	82.048	845.825	840.486	0.672	840.150	E
P	3	114.399	802.811	797.472	0.672	797.136	P
A	4	138.078	770.460	765.121	0.672	764.785	A
K	5	180.776	746.781	741.442	741.778	741.106	K
S	6	209.737	704.063	698.743	699.079	698.407	S
A	7	233.406	675.072	669.733	670.069	669.397	A
P	8	265.817	651.393	646.054	646.390	645.718	P
A	9	299.496	619.042	613.703	614.039	613.367	A
P	10	321.847	595.363	590.024	590.360	589.688	P
K	11	364.545	563.012	557.673	558.009	557.337	K
K	12	407.243	520.314	514.974	515.310	514.639	K
G	13	426.251	477.616	472.276	472.612	471.940	G
S	14	455.261	458.609	453.269	453.605	452.933	S
K	15	511.963	420.598	424.258	424.594	423.922	K
K	16	554.051	372.896	367.556	367.892	367.221	K
A	17	578.140	330.190	324.850	325.184	324.522	A
V	18	611.363	306.519	301.179	301.515	300.843	V
T	19	645.046	273.496	268.156	268.492	267.820	T
K	20	687.744	239.813	234.474	234.810	234.138	K
A	21	711.423	197.115	191.775	192.111	191.439	A
Q	22	754.109	173.436	168.096	168.432	167.760	Q
K	23	796.808	130.750	125.410	125.746	125.074	K
K	24	839.506	88.051	82.712	83.048	82.376	K
D	25	877.848	45.353	40.014	40.349	39.678	D

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} VQKDK
42.01



sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK^{Acetyl} VQKKD
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.09
- ▶ F105343.dat
- ▶ query=q13144.p1
- ▶ precursor=441.927520
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P 1	115.087	2646.530	2630.511	0.000	2629.504	P 25
D 2	230.114	2549.477	2531.459	0.000	2532.451	D 24
P 3	327.166	2434.450	2418.432	0.000	2417.424	P 23
A 4	398.203	2337.399	2321.379	0.000	2320.371	A 22
K 5	526.298	2250.361	2250.342	2251.350	2249.334	K 21
S 6	613.330	2138.306	2122.287	2123.295	2121.276	S 20
A 7	624.308	2051.234	2035.215	2036.223	2034.205	A 19
P 8	781.420	1980.190	1964.176	1965.186	1963.170	P 18
A 9	852.457	1883.144	1867.125	1868.133	1866.117	A 17
P 10	949.510	1812.107	1796.088	1797.096	1795.080	P 16
K 11	1077.605	1715.054	1699.035	1700.043	1698.027	K 15
K 12	1205.700	1530.950	1570.940	1571.948	1569.932	K 14
G 13	1262.722	1458.864	1442.845	1443.853	1441.837	G 13
S 14	1349.754	1401.842	1385.824	1386.831	1384.816	S 12
K 15	1477.849	1314.811	1298.792	1299.799	1297.784	K 11
K 16	1605.944	1186.715	1170.697	1171.705	1169.689	K 10
A 17	1676.981	1058.620	1042.602	1043.610	1041.594	A 9
V 18	1776.049	987.583	971.565	972.572	970.557	V 8
T 19	1877.097	888.515	872.496	873.504	871.488	T 7
K 20	2047.202	787.467	771.449	772.456	770.441	K 6
V 21	2146.271	617.362	601.343	602.351	600.335	V 5
Q 22	2274.529	518.293	502.275	503.282	501.267	Q 4
K 23	2402.424	390.230	374.216	375.224	373.208	K 3
K 24	2530.510	262.140	246.121	247.129	245.113	K 2
D 25	2645.546	134.045	118.026	119.034	117.019	D 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} 42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.09
- ▶ F105343.dat
- ▶ query=q13144.p1
- ▶ precursor=441.927520
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
F	D	58.047	1323.769	113.939	0.504	1315.265	F25
D	2	115.560	1279.247	1267.233	0.504	1269.729	D24
P	3	164.087	1217.729	1208.719	0.504	1209.216	P23
A	4	199.605	1169.202	1161.193	0.504	1160.689	A22
K	5	263.693	1133.684	1125.675	1126.178	1125.171	K21
S	6	307.169	1086.166	1081.627	1082.131	1081.129	S20
A	7	342.687	1026.120	1018.111	1018.615	1017.607	A19
P	8	391.214	990.602	982.592	983.096	982.089	P18
A	9	426.732	942.075	934.066	934.570	933.562	A17
P	10	475.259	908.557	898.548	899.051	898.044	P16
K	11	539.306	858.031	850.021	850.525	849.517	K15
K	12	603.354	793.983	785.974	786.478	785.470	K14
G	13	631.864	729.936	721.926	722.430	721.422	G13
S	14	675.380	701.425	693.415	693.919	692.912	S12
K	15	739.428	657.909	649.899	650.403	649.396	K11
K	16	803.475	593.861	585.852	586.356	585.348	K10
A	17	838.994	529.814	521.804	522.308	521.301	A9
V	18	888.528	494.292	486.286	486.790	485.782	V8
T	19	939.052	444.761	436.752	437.256	436.249	T7
R	20	1024.105	394.237	386.228	386.732	385.724	R6
V	21	1073.639	350.184	301.175	301.679	300.671	V5
Q	22	1137.688	299.659	251.641	252.145	251.137	Q4
K	23	1201.716	195.621	187.612	188.116	187.108	K3
K	24	1285.763	131.574	123.564	124.068	123.060	K2
D	25	1323.277	67.526	59.517	60.021	59.013	D1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} VQKKD
42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=34.09
- ▶ F105343.dat
- ▶ query=q13144.p1
- ▶ precursor=441.927520
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	30.034	882.848	877.509	0.672	877.173	P[25]
D[2]	77.376	850.497	845.158	0.672	844.822	D[24]
P[3]	109.727	812.155	806.815	0.672	806.479	P[23]
A[4]	133.406	779.804	774.464	0.672	774.129	A[22]
K[5]	176.104	756.125	750.785	751.121	750.450	K[21]
S[6]	205.115	713.521	708.087	708.423	707.751	S[20]
A[7]	228.794	684.416	679.076	679.412	678.741	A[19]
P[8]	261.145	660.737	655.397	655.733	655.061	P[18]
A[9]	294.824	628.088	623.046	623.382	622.711	A[17]
P[10]	317.175	604.707	599.367	599.703	599.032	P[16]
K[11]	359.873	572.356	567.017	567.352	566.681	K[15]
K[12]	402.572	529.658	524.318	524.654	523.982	K[14]
G[13]	421.579	486.959	481.620	481.956	481.284	G[13]
S[14]	450.589	467.952	462.613	462.949	462.277	S[12]
K[15]	493.288	438.942	433.602	433.938	433.266	K[11]
K[16]	535.986	396.243	390.904	391.240	390.568	K[10]
A[17]	559.665	353.545	348.205	348.541	347.869	A[9]
V[18]	592.688	329.866	324.526	324.862	324.190	V[8]
T[19]	626.370	296.843	291.504	291.840	291.168	T[7]
K[20]	683.072	263.161	257.821	258.157	257.485	K[6]
V[21]	716.095	206.459	201.119	201.455	200.783	V[5]
Q[22]	758.781	173.436	168.096	168.432	167.760	Q[4]
K[23]	801.480	130.750	125.410	125.746	125.074	K[3]
K[24]	864.178	88.051	82.712	83.048	82.376	K[2]
D[25]	882.520	45.353	40.014	40.349	39.678	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} _{42.01} VQKKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=34.09
- ▶ F105343.dat
- ▶ query=q13144.p1
- ▶ precursor=441.927520
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	29.527	662.388	658.383	0.755	658.131	P 25
D	2	58.284	638.125	634.120	0.755	633.868	D 24
P	3	82.947	609.368	605.363	0.755	605.111	P 23
A	4	100.306	585.105	581.100	0.755	580.848	A 22
K	5	132.130	567.346	563.341	563.593	563.089	K 21
S	6	154.088	535.322	531.317	531.309	531.065	S 20
A	7	171.947	513.564	509.559	509.811	509.307	A 19
P	8	196.111	495.805	491.800	492.252	491.548	P 18
A	9	213.870	471.541	467.537	467.789	467.285	A 17
P	10	238.133	453.782	449.777	450.029	449.525	P 16
K	11	270.157	429.519	425.514	425.766	425.262	K 15
K	12	302.180	397.495	393.490	393.742	393.239	K 14
G	13	316.436	365.471	361.467	361.719	361.215	G 13
S	14	338.194	351.216	347.211	347.463	346.959	S 12
K	15	370.218	329.458	325.453	325.705	325.201	K 11
K	16	402.241	297.434	293.430	293.682	293.178	K 10
A	17	420.001	285.411	281.406	281.658	281.154	A 9
V	18	444.768	247.651	243.647	243.899	243.395	V 8
T	19	470.030	222.884	218.880	219.131	218.628	T 7
K	20	512.556	197.622	193.618	193.870	193.366	K 6
V	21	537.323	155.096	151.091	151.343	150.839	V 5
Q	22	569.338	130.329	126.324	126.576	126.072	Q 4
K	23	601.362	98.314	94.309	94.561	94.057	K 3
K	24	633.385	66.290	62.285	62.538	62.034	K 2
D	25	662.142	34.267	30.263	30.514	30.010	D 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} 42.01 VQKKD

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=34.09
- ▶ F105343.dat
- ▶ query=q13144.p1
- ▶ precursor=441.927520
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P[1]		23.623	530.112	526.908	0.806	526.707	P[25]
D[2]		46.829	510.701	507.498	0.806	507.296	D[24]
F[3]		66.239	487.696	484.492	0.806	484.291	F[23]
A[4]		80.447	468.285	465.082	0.806	464.880	A[22]
K[5]		106.065	454.078	450.874	451.076	450.673	K[21]
S[6]		123.872	428.859	425.255	425.457	425.054	S[20]
A[7]		157.079	411.051	407.849	408.650	407.647	A[19]
F[8]		157.090	396.845	393.641	393.843	393.440	F[18]
A[9]		171.297	377.485	374.231	374.432	374.029	A[17]
P[10]		190.708	363.227	360.023	360.225	359.822	P[16]
K[11]		216.327	343.817	340.613	340.814	340.411	K[15]
K[12]		241.946	318.198	314.994	315.195	314.792	K[14]
G[13]		253.350	292.579	289.375	289.576	289.173	G[13]
S[14]		270.757	281.174	277.971	278.172	277.769	S[12]
K[15]		286.376	263.768	260.564	260.766	260.363	K[11]
K[16]		311.998	238.149	234.945	235.147	234.744	K[10]
A[17]		336.202	212.530	209.326	209.528	209.125	A[9]
V[18]		356.016	198.122	195.119	195.320	194.917	V[8]
T[19]		376.225	178.509	175.305	175.507	175.103	T[7]
K[20]		410.246	158.299	155.096	155.297	154.894	K[6]
V[21]		430.060	124.278	121.074	121.276	120.873	V[5]
Q[22]		455.672	104.464	101.261	101.462	101.059	Q[4]
K[23]		481.291	78.853	75.649	75.851	75.447	K[3]
K[24]		506.910	53.234	50.030	50.232	49.828	K[2]
D[25]		529.915	27.613	24.411	24.613	24.209	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} 42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.22
- ▶ F105343.dat
- ▶ query=q13145_p1
- ▶ precursor=662.388760
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
F	115.087	2046.530	2630.511	0.000	2829.504	F	25	
D	230.114	2548.477	2531.499	0.000	2532.451	D	24	
P	327.106	3434.450	2418.432	0.000	2417.424	P	23	
A	398.203	2337.398	2321.379	0.000	2320.371	A	22	
K	5	526.298	2266.361	2250.342	2251.350	2249.334	K	21
S	6	613.330	2138.260	2122.247	2123.255	2121.239	S	20
A	7	684.366	2051.234	2035.215	2036.223	2034.207	A	19
P	8	781.420	1930.190	1914.178	1915.186	1913.170	P	18
A	9	852.457	1883.144	1867.125	1868.133	1866.117	A	17
P	10	949.510	1812.107	1796.088	1797.096	1795.080	P	16
K	11	1077.605	1715.054	1699.035	1700.043	1698.027	K	15
K	12	1205.700	1530.950	1570.940	1571.948	1569.932	K	14
G	13	1262.722	1458.864	1442.845	1443.853	1441.837	G	13
S	14	1319.754	1401.842	1385.824	1386.831	1384.815	S	12
K	15	1477.849	1314.810	1298.792	1299.799	1297.784	K	11
K	16	1505.944	1188.715	1170.697	1171.705	1169.689	K	10
A	17	1676.981	1058.620	1042.602	1043.610	1041.594	A	9
V	18	1776.049	987.583	971.565	972.572	970.557	V	8
T	19	1877.097	888.515	872.496	873.504	871.488	T	7
R	20	2047.202	787.467	771.449	772.456	770.441	R	6
V	21	2146.271	617.362	601.343	602.351	600.335	V	5
Q	22	2274.320	518.291	502.275	503.282	501.267	Q	4
K	23	2402.434	390.235	374.216	375.224	373.208	K	3
K	24	2530.519	262.140	246.121	247.129	245.113	K	2
D	25	2645.546	134.045	118.026	119.034	117.018	D	1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} 42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.22
- ▶ F105343.dat
- ▶ query=q13145.p1
- ▶ precursor=662.388760
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1323.799	1315.799	0.504	1315.255	P[25]
D	3	115.569	1275.242	1267.233	0.504	1266.729	D[3]
F	3	154.097	1217.725	1209.719	0.504	1209.210	F[3]
A	4	199.605	1149.202	1161.193	0.504	1160.689	A[22]
K	5	263.693	1133.684	1125.675	1126.178	1125.171	K[21]
S	6	307.109	1059.639	1061.627	1062.131	1061.123	S[20]
A	7	342.607	1026.120	1018.111	1018.615	1017.607	A[19]
T	8	393.214	999.602	992.592	993.095	992.089	T[18]
A	9	426.732	942.075	934.066	934.570	933.562	A[17]
P	10	475.259	906.557	898.548	899.051	898.044	P[16]
K	11	539.306	858.031	850.021	850.525	849.517	K[15]
K	12	603.354	793.983	785.974	786.478	785.470	K[14]
G	13	633.864	729.936	721.928	722.430	721.422	G[13]
S	14	675.381	699.525	691.515	691.919	692.121	S[12]
K	15	739.428	657.005	649.899	650.403	649.396	K[11]
K	16	803.475	614.861	606.852	607.356	606.349	K[10]
A	17	838.994	529.014	521.004	522.008	521.001	A[9]
V	18	892.529	494.295	486.286	487.290	486.282	V[8]
T	19	939.052	444.761	436.752	437.756	436.749	T[7]
K	20	1024.105	394.237	386.228	387.232	386.224	K[6]
V	21	1073.639	309.184	301.175	302.179	301.171	V[5]
Q	22	1137.668	259.656	251.647	252.651	251.643	Q[4]
K	23	1201.716	195.621	187.612	188.616	187.608	K[3]
K	24	1285.763	131.574	123.564	124.568	123.560	K[2]
D	25	1323.277	67.526	59.517	60.521	59.513	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} 42.01 VQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.22
- ▶ F105343.dat
- ▶ query=q13145.p1
- ▶ precursor=662.388760
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	30.034	802.848	877.509	0.672	877.173	P[25]
D	2	77.376	850.497	845.158	0.672	844.822	D[24]
P	3	109.727	812.155	806.815	0.672	806.479	P[23]
A	4	133.406	779.804	774.464	0.672	774.129	A[22]
K	5	176.104	756.129	750.785	751.121	750.450	K[21]
S	6	205.115	713.427	708.087	708.423	707.751	S[20]
A	7	228.794	684.416	679.076	679.412	678.741	A[19]
P	8	261.145	660.737	655.397	655.733	655.061	P[18]
A	9	294.824	638.068	623.646	623.982	622.711	A[17]
P	10	317.175	604.707	599.367	599.703	599.032	P[16]
K	11	359.873	572.356	567.017	567.352	566.681	K[15]
K	12	402.572	529.658	524.318	524.654	523.982	K[14]
G	13	421.579	486.959	481.620	481.956	481.284	G[13]
S	14	450.589	467.952	462.613	462.949	462.277	S[12]
K	15	483.288	438.942	433.602	433.938	433.266	K[11]
K	16	535.988	396.241	390.901	391.240	390.568	K[10]
A	17	559.665	353.945	348.205	348.541	347.869	A[9]
V	18	592.688	329.866	324.526	324.862	324.190	V[8]
T	19	626.370	296.843	291.504	291.840	291.168	T[7]
K	20	683.072	263.161	257.821	258.157	257.485	K[6]
V	21	716.095	206.459	201.119	201.455	200.783	V[5]
Q	22	758.781	173.436	168.096	168.432	167.760	Q[4]
K	23	801.480	130.750	125.410	125.746	125.074	K[3]
K	24	844.178	88.051	82.712	83.048	82.376	K[2]
D	25	882.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAKRHR^(Dimethyl)_(28.03) K^(Acetyl)_(42.01) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.09
- ▶ F105343.dat
- ▶ query=q13207_p1
- ▶ precursor=668.639310
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2073.534	2055.515	0.000	2054.507	S[24]
G	2	204.098	2542.491	2526.473	0.000	2525.465	G[23]
R	3	360.199	2485.470	2469.451	2470.459	2468.443	R[22]
G	4	417.220	2329.369	2313.350	2314.358	2312.342	G[21]
K	5	587.326	2272.347	2256.329	2257.336	2255.321	K[20]
G	6	644.347	2102.242	2086.223	2087.231	2085.215	G[19]
G	7	701.369	2045.220	2029.202	2030.209	2028.194	G[18]
K	8	871.474	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	928.496	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	1041.580	1761.072	1745.053	1746.061	1744.045	L[15]
G	11	1098.601	1647.956	1631.938	1632.977	1630.961	G[14]
K	12	1226.696	1590.935	1574.916	1575.955	1573.940	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1519.871	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1608.973	1149.686	1133.678	1134.685	1132.670	R[8]
H	18	1813.031	993.595	977.577	978.584	976.569	H[7]
R	19	2017.164	856.530	840.518	841.525	839.510	R[6]
K	20	2187.299	672.404	656.385	657.393	655.377	K[5]
V	21	2286.338	502.290	486.280	487.287	485.272	V[4]
L	22	2499.422	403.200	387.211	388.218	386.203	L[3]
D	23	2658.523	290.140	274.127	275.135	273.119	D[2]
D	24	2870.550	134.040	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAKRHR^(Dimethyl)_(28.03) K^(Acetyl)_(42.01) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=85.09
- ▶ F105343.dat
- ▶ query=q13207_p1
- ▶ precursor=668.639310
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	94.692	1336.271	1328.261	0.504	1327.757	S[24]
G[2]	102.553	1271.749	1263.740	0.504	1263.236	G[23]
R[3]	180.603	1243.239	1235.229	1235.733	1234.729	R[22]
G[4]	209.114	1185.188	1157.179	1157.683	1156.675	G[21]
K[5]	299.167	1136.677	1136.668	1128.172	1128.164	K[20]
G[6]	322.677	1051.625	1043.615	1044.119	1043.111	G[19]
G[7]	351.188	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	436.241	994.603	986.594	987.098	986.090	K[17]
G[9]	464.752	909.550	901.541	902.045	901.037	G[16]
L[10]	501.264	881.040	873.030	873.534	872.526	L[15]
G[11]	540.264	824.498	816.488	816.992	815.985	G[14]
K[12]	613.852	795.067	787.077	788.481	787.474	K[13]
G[13]	642.363	731.939	723.930	724.434	723.426	G[12]
G[14]	670.873	703.429	695.419	695.923	694.915	G[11]
A[15]	708.262	674.918	666.908	667.412	666.405	A[10]
R[16]	770.439	639.399	631.390	631.894	630.886	R[9]
R[17]	848.490	575.352	567.342	567.846	566.839	R[8]
H[18]	917.019	497.301	489.292	489.796	488.789	H[7]
R[19]	1009.088	426.772	420.762	421.266	420.259	R[6]
K[20]	1094.138	336.706	328.696	329.200	328.193	K[5]
V[21]	1143.673	251.053	243.043	244.547	243.540	V[4]
L[22]	1206.215	202.119	194.109	194.613	193.606	L[3]
R[23]	1278.265	145.577	137.567	138.071	137.064	R[2]
D[24]	1335.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAKRHR^(Dimethyl)_(28.03) K^(Acetyl)_(42.01) VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=85.09
- ▶ F105343.dat
- ▶ query=q13207_p1
- ▶ precursor=668.639310
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	891.183	885.843	0.672	885.507	S[24]
G[2]	68.704	838.169	842.829	0.672	842.493	G[23]
R[3]	120.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	196.447	758.121	752.781	753.117	752.445	K[20]
G[6]	215.454	701.419	696.079	696.415	695.743	G[19]
G[7]	234.461	682.412	677.072	677.408	676.736	G[18]
K[8]	291.163	663.404	658.063	658.401	657.729	K[17]
G[9]	310.170	606.703	601.363	601.699	601.027	G[16]
L[10]	347.895	587.695	582.355	582.692	582.020	L[15]
G[11]	388.972	530.001	544.661	544.997	544.325	G[14]
K[12]	409.570	530.994	525.654	525.990	525.318	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]
R[17]	565.996	383.904	378.564	378.900	378.228	R[8]
H[18]	611.682	331.870	326.530	326.866	326.194	H[7]
R[19]	673.059	286.184	280.844	281.180	280.508	R[6]
K[20]	729.781	224.806	219.467	219.803	219.131	K[5]
V[21]	752.784	168.104	162.765	163.101	162.429	V[4]
L[22]	860.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVTKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.17
- ▶ F105343.dat
- ▶ query=q13219_p1
- ▶ precursor=669.386760
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P1	115.087	2674.525	2688.505	0.000	2697.486	P25
E3	244.329	2377.472	2561.454	0.000	2560.446	E24
P3	341.182	2448.430	2432.411	0.000	2431.403	P23
A4	412.219	2351.377	2335.358	0.000	2334.350	A22
K5	540.314	2280.340	2264.321	2265.329	2263.311	K21
S6	627.346	2152.345	2136.326	2137.334	2135.318	S20
A7	667.363	2085.212	2049.194	2050.202	2048.186	A19
P8	795.436	1994.198	1978.179	1979.187	1977.171	P18
A9	866.473	1897.123	1881.104	1882.112	1880.096	A17
P10	903.526	1826.088	1810.069	1811.075	1809.059	P16
K11	1091.621	1729.033	1713.014	1714.022	1712.006	K15
K12	1261.726	1600.930	1584.919	1585.927	1583.912	K14
Q13	1338.750	1430.833	1413.814	1415.822	1413.806	Q12
S14	1405.780	1373.811	1357.793	1358.800	1356.785	S12
K15	1575.885	1288.778	1270.760	1271.768	1269.753	K11
K16	1703.980	1116.674	1100.655	1101.663	1099.647	K10
A17	1775.017	988.579	972.560	973.568	971.552	A9
V18	1874.088	917.547	901.523	902.531	900.515	V8
T19	1875.133	818.473	802.454	803.462	801.446	T17
K20	2103.208	747.425	701.407	702.414	698.399	K9
A21	2174.266	589.330	573.312	574.320	572.304	A5
Q22	2302.324	518.293	502.275	503.282	501.267	Q4
K23	2430.419	390.235	374.216	375.224	373.208	K3
K24	2558.514	262.140	246.121	247.129	245.113	K2
D25	2673.541	134.045	118.026	119.034	117.018	D1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVTKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.17
- ▶ F105343.dat
- ▶ query=q13219_p1
- ▶ precursor=669.386760
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1337.766	1329.757	0.504	1329.251	P[25]
E	3	127.588	1289.240	1281.230	0.504	1280.726	E[24]
F	3	171.095	1224.715	1216.709	0.504	1216.205	F[23]
A	4	296.613	1176.192	1168.183	0.504	1167.679	A[22]
K	5	276.681	1140.674	1132.664	1133.168	1132.160	K[21]
S	6	314.177	1076.626	1068.617	1069.121	1068.113	S[20]
A	7	349.695	1033.110	1025.101	1025.605	1024.597	A[19]
F	8	388.222	989.591	989.582	989.086	989.078	F[18]
A	9	433.740	949.065	941.056	941.560	940.552	A[17]
P	10	482.267	913.547	905.537	906.041	905.033	P[16]
K	11	546.314	865.020	857.013	857.515	856.507	K[15]
K	12	631.367	800.973	792.963	793.467	792.459	K[14]
C	13	659.878	743.320	737.311	738.314	737.407	C[13]
S	14	701.394	687.805	679.400	679.904	678.896	S[12]
K	15	788.446	643.891	635.884	636.388	635.380	K[11]
K	16	852.494	598.840	590.831	591.335	590.327	K[10]
A	17	888.012	494.793	486.784	487.287	486.280	A[9]
V	18	937.547	459.274	451.265	451.769	450.761	V[8]
T	19	988.070	409.746	401.737	402.239	401.232	T[7]
K	20	1052.118	359.215	351.207	351.711	350.703	K[6]
A	21	1087.636	295.169	287.159	287.663	286.656	A[5]
Q	22	1151.666	259.656	251.647	252.149	251.141	Q[4]
K	23	1215.713	195.621	187.612	188.116	187.108	K[3]
K	24	1279.761	131.374	123.364	124.368	123.360	K[2]
D	25	1337.274	67.526	59.517	60.021	59.013	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

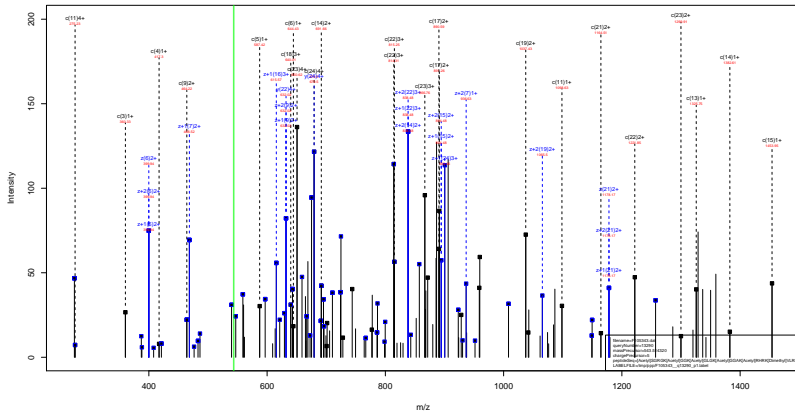
PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVTKAQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=65.17
- ▶ F105343.dat
- ▶ query=q13219.p1
- ▶ precursor=669.386760
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	38.034	892.180	886.840	0.672	806.504	P[25]
E[2]	82.048	859.829	854.489	0.672	854.153	E[24]
P[3]	114.399	816.815	811.475	0.672	811.139	P[23]
A[4]	138.078	784.464	779.124	0.672	778.788	A[22]
K[5]	180.776	760.785	755.445	755.761	755.109	K[21]
S[6]	209.187	718.589	712.747	713.583	712.411	S[20]
A[7]	211.468	689.076	683.736	684.072	683.400	A[19]
P[8]	265.817	665.397	660.057	660.393	659.721	P[18]
A[9]	289.496	633.048	627.706	628.042	627.370	A[17]
P[10]	321.847	609.367	604.027	604.363	603.691	P[16]
K[11]	364.545	577.016	571.676	572.012	571.340	K[15]
K[12]	421.247	534.318	528.978	529.314	528.642	K[14]
G[13]	440.254	477.610	472.270	472.612	471.940	G[13]
S[14]	469.265	458.609	453.269	453.605	452.933	S[12]
K[15]	525.967	420.598	424.258	424.594	423.922	K[11]
K[16]	588.665	372.896	367.556	367.892	367.221	K[10]
A[17]	592.344	330.198	324.858	325.194	324.522	A[9]
V[18]	625.367	306.519	301.179	301.515	300.843	V[8]
T[19]	659.049	273.496	268.156	268.492	267.820	T[7]
K[20]	701.748	239.813	234.474	234.810	234.138	K[6]
A[21]	729.427	197.115	191.775	192.111	191.439	A[5]
Q[22]	768.113	173.436	168.096	168.432	167.760	Q[4]
K[23]	810.811	130.750	125.410	125.746	125.074	K[3]
K[24]	863.810	88.081	82.742	83.048	82.376	K[2]
D[25]	891.852	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK ^{Acetyl}_{42.01} GGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.15
- ▶ F105343.dat
- ▶ query=q13290.p1
- ▶ precursor=543.514320
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S	147.076	2713.544	2697.526	0.000	2696.518	S
G	234.098	2504.362	2588.483	0.000	2587.475	G
R	360.199	2527.480	2511.462	2512.470	2510.454	R
G	417.220	2371.379	2355.361	2356.368	2354.353	G
K	507.326	2314.358	2298.339	2299.347	2297.331	K
G	644.347	2144.252	2128.234	2129.241	2127.226	G
G	701.369	2087.231	2071.212	2072.220	2070.204	G
K	871.474	2030.209	2014.191	2015.198	2013.183	K
G	928.496	1890.104	1884.085	1885.093	1883.077	G
L	1041.500	1803.082	1787.064	1788.071	1786.056	L
G	1098.601	1688.968	1673.950	1674.957	1672.942	G
K	1268.707	1632.977	1616.958	1617.966	1615.950	K
G	1325.728	1462.871	1446.853	1447.860	1445.845	G
G	1382.750	1405.850	1389.831	1390.839	1388.823	G
A	1453.787	1348.828	1332.810	1333.818	1331.802	A
K	1623.893	1277.791	1261.773	1262.780	1260.765	K
R	1778.994	1199.686	1191.667	1192.675	1190.659	R
H	1917.053	951.585	935.566	936.574	934.558	H
R	2073.154	814.526	798.507	799.515	797.499	R
K	2229.260	658.425	642.406	643.414	641.398	K
V	2328.348	502.298	486.280	487.287	485.272	V
L	2441.432	403.230	387.211	388.219	386.203	L
R	2597.534	290.140	274.127	275.135	273.119	R
D	2712.560	134.045	118.026	119.034	117.018	D

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.15
- ▶ F105343.dat
- ▶ query=q13290_p1
- ▶ precursor=543.514320
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1357.276	1349.267	0.504	1348.763	S[24]
G[2]	102.553	1292.755	1284.745	0.504	1284.241	G[23]
R[3]	180.803	1264.244	1256.234	1256.738	1255.733	R[22]
G[4]	209.314	1198.193	1178.184	1178.688	1177.680	G[21]
K[5]	294.167	1157.683	1145.673	1150.177	1149.169	K[20]
G[6]	322.677	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	436.241	1015.608	1007.599	1008.103	1007.097	K[17]
G[9]	464.752	930.556	922.546	923.050	922.042	G[16]
L[10]	511.274	932.045	904.035	904.539	903.532	L[15]
Q[11]	549.804	845.503	837.493	837.997	836.990	Q[14]
K[12]	634.857	816.992	808.983	809.487	808.479	K[13]
G[13]	663.368	731.939	723.930	724.434	723.426	G[12]
G[14]	691.879	703.429	695.419	695.923	694.915	G[11]
A[15]	727.397	674.918	666.908	667.412	666.405	A[10]
R[16]	812.390	639.399	631.390	631.894	630.886	R[9]
R[17]	890.500	554.347	546.337	546.841	545.833	R[8]
H[18]	959.030	476.296	468.287	468.791	467.783	H[7]
R[19]	1037.680	407.767	399.757	400.261	399.253	R[6]
K[20]	1115.144	329.716	321.707	322.211	321.203	K[5]
V[21]	1184.678	251.652	243.643	244.147	243.140	V[4]
L[22]	1251.220	202.119	194.110	194.613	193.605	L[3]
R[23]	1299.270	145.577	137.567	138.071	137.063	R[2]
D[24]	1356.784	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **RHRK** Dimethyl
28.03 **VLRD**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.15
- ▶ F105343.dat
- ▶ query=q13290.p1
- ▶ precursor=543.514320
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	305.189	699.847	0.672	899.511	S[24]
G[2]	58.704	362.172	856.833	0.672	856.497	G[23]
R[3]	120.738	843.165	837.825	838.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	620.706	615.367	615.703	615.031	G[16]
L[10]	347.895	601.699	596.359	596.695	596.023	L[15]
G[11]	366.872	564.024	558.665	559.001	558.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.022	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.669	317.896	312.527	312.863	312.191	H[7]
R[19]	691.723	272.180	266.941	267.276	266.505	R[6]
K[20]	743.765	220.140	214.807	215.143	214.471	K[5]
V[21]	776.788	168.104	162.768	163.101	162.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	856.516	97.387	92.047	92.383	91.711	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK<sup>Acetyl
42.01</sup> GGK<sup>Acetyl
42.01</sup> GLGK<sup>Acetyl
42.01</sup> GGAK<sup>Acetyl
42.01</sup> RHRK<sup>Dimethyl
28.03</sup> VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=64.15
- ▶ F105343.dat
- ▶ query=q13290.p1
- ▶ precursor=543.514320
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	679.142	675.137	0.755	674.085	S[24]
G[2]	51.780	546.881	642.876	0.755	642.624	G[23]
R[3]	90.805	632.626	628.621	628.873	628.369	R[22]
G[4]	105.061	593.600	589.596	589.848	589.344	G[21]
K[5]	147.587	579.345	575.340	575.592	575.088	K[20]
G[6]	161.842	536.819	532.814	533.066	532.562	G[19]
G[7]	176.098	522.563	518.558	518.810	518.307	G[18]
K[8]	218.624	508.308	504.303	504.555	504.051	K[17]
G[9]	232.879	495.781	491.777	492.029	491.525	G[16]
L[10]	251.150	451.526	447.521	447.773	447.269	L[15]
G[11]	275.406	423.255	419.250	419.502	418.998	G[14]
K[12]	317.932	409.000	404.995	405.247	404.743	K[13]
G[13]	332.188	366.473	362.469	362.721	362.217	G[12]
G[14]	346.443	352.218	348.213	348.465	347.961	G[11]
A[15]	364.202	337.963	333.958	334.210	333.706	A[10]
K[16]	408.729	320.203	316.199	316.451	315.947	K[9]
R[17]	445.754	-277.877	273.672	273.924	273.420	R[8]
H[18]	480.019	238.652	234.647	234.899	234.395	H[7]
R[19]	519.044	204.397	200.392	200.644	200.140	R[6]
K[20]	558.075	165.362	161.357	161.609	161.105	K[5]
V[21]	582.843	126.330	122.325	122.577	122.073	V[4]
L[22]	611.114	101.563	97.558	97.810	97.306	L[3]
R[23]	650.139	73.292	69.287	69.539	69.035	R[2]
D[24]	678.896	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{42.01} Acetyl GGK_{42.01} Acetyl GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl RHRK_{28.03} Dimethyl VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=94.57
- ▶ F105343.dat
- ▶ query=q13291_p1
- ▶ precursor=679.141480
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2713.944	2697.536	0.000	2696.516	S[24]
G	2	204.098	2584.502	2568.483	0.000	2567.473	G[23]
R	3	360.199	2527.480	2511.462	2512.470	2510.454	R[22]
G	4	417.220	2371.379	2355.361	2356.369	2354.351	G[21]
K	5	587.326	2314.358	2298.339	2299.347	2297.331	K[20]
G	6	644.347	2144.252	2128.234	2129.241	2127.225	G[19]
G	7	701.369	2087.231	2071.212	2072.220	2070.204	G[18]
K	8	871.474	2030.209	2014.191	2015.199	2013.183	K[17]
G	9	928.496	1860.104	1844.085	1845.093	1843.077	G[16]
L	10	1041.580	1803.082	1787.064	1788.071	1786.055	L[15]
Q	11	1098.601	1689.968	1673.950	1674.967	1672.952	Q[14]
K	12	1268.707	1632.947	1616.928	1617.936	1615.920	K[13]
G	13	1325.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1382.750	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1453.787	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1623.893	1291.799	1261.773	1262.780	1260.765	R[9]
R	17	1779.994	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1817.063	951.585	935.566	936.574	934.558	H[7]
R	19	2073.154	814.526	796.507	799.515	797.499	R[6]
K	20	2229.280	658.425	642.406	643.414	641.398	K[5]
V	21	2428.348	502.366	486.346	487.354	485.327	V[4]
L	22	2441.432	463.309	447.291	448.299	446.283	L[3]
R	23	2597.534	290.146	274.127	275.135	273.119	R[2]
D	24	2712.560	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=94.57
- ▶ F105343.dat
- ▶ query=q13291_p1
- ▶ precursor=679.141480
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1357.276	1349.267	0.504	1348.761	S[24]
G	2	102.553	1292.755	1284.745	0.504	1284.241	G[23]
R	3	180.603	1264.244	1256.234	1256.738	1255.731	R[22]
G	4	259.114	1198.193	1178.184	1178.688	1177.681	G[21]
R	5	294.157	1157.683	1149.673	1150.177	1149.159	R[20]
G	6	322.677	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
R	8	436.241	1015.608	1007.599	1008.103	1007.597	R[17]
G	9	464.752	930.556	922.546	923.050	922.042	G[16]
L	10	511.294	902.045	884.035	894.539	893.532	L[15]
G	11	549.804	845.503	837.493	837.997	836.990	G[14]
R	12	634.857	816.992	808.983	809.487	808.479	R[13]
G	13	663.368	731.939	723.930	724.434	723.426	G[12]
G	14	691.879	703.429	695.419	695.923	694.915	G[11]
A	15	720.389	674.918	666.908	667.412	666.405	A[10]
R	16	812.450	639.399	631.390	631.894	630.886	R[9]
R	17	890.500	554.347	546.337	546.841	545.833	R[8]
H	18	959.030	476.296	468.287	468.791	467.783	H[7]
R	19	1037.080	407.747	399.737	400.241	399.233	R[6]
R	20	1115.144	329.716	321.707	322.211	321.203	R[5]
V	21	1164.678	251.693	243.683	244.187	243.180	V[4]
L	22	1221.220	202.119	194.109	194.613	193.605	L[3]
R	23	1299.270	145.577	137.567	138.071	137.063	R[2]
D	24	1356.784	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{42.01} Acetyl GGK_{42.01} Acetyl GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl RHRK_{28.03} Dimethyl VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=94.57
- ▶ F105343.dat
- ▶ query=q13291_p1
- ▶ precursor=679.141480
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	905.186	699.847	0.672	899.511	S[24]
G[2]	58.704	362.172	856.833	0.672	856.497	G[23]
R[3]	120.738	843.165	837.825	830.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	620.706	615.367	615.703	615.031	G[16]
L[10]	317.685	601.699	596.359	596.695	596.023	L[15]
G[11]	356.872	554.004	558.665	559.001	558.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.689	317.866	312.527	312.863	312.191	H[7]
R[19]	691.723	272.180	266.841	267.176	266.505	R[6]
K[20]	743.765	220.146	214.807	215.143	214.471	K[5]
V[21]	776.788	168.104	162.765	163.101	162.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	866.516	97.387	92.047	92.383	91.711	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.93
- ▶ F105343.dat
- ▶ query=q13301_p1
- ▶ precursor=679.889050
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P	115.087	2716.539	2700.517	0.000	2699.500	P[25]
E	244.159	2019.483	2003.466	0.000	2002.450	E[24]
P	341.182	2090.440	2474.432	0.000	2473.414	P[23]
A	412.219	2393.387	2377.369	0.000	2376.361	A[22]
K	5	540.314	2322.350	2306.332	2307.339	K[21]
S	6	627.346	2104.255	2178.237	2179.244	S[20]
A	7	696.383	2107.222	2091.205	2092.212	A[19]
P	8	795.436	2036.186	2020.168	2021.176	P[18]
A	9	866.473	1939.133	1923.115	1924.123	A[17]
P	10	963.526	1868.096	1852.078	1853.085	P[16]
K	11	1091.621	1771.044	1755.025	1756.033	K[15]
K	12	1219.716	1642.949	1626.930	1627.938	K[14]
G	13	1276.737	1514.894	1498.835	1499.843	G[13]
S	14	1363.769	1457.832	1441.813	1442.821	S[12]
K	15	1533.875	1370.800	1354.781	1355.789	K[11]
K	16	1701.980	1200.695	1184.676	1185.684	K[10]
A	17	1775.017	1030.589	1014.570	1015.578	A[9]
V	18	1874.086	950.552	943.533	944.541	V[8]
T	19	1975.133	860.505	844.465	845.473	T[7]
P	20	2159.239	759.436	743.417	744.425	P[6]
A	21	2216.276	688.330	573.312	574.320	A[5]
Q	22	2344.335	618.293	502.275	503.283	Q[4]
K	23	2472.430	560.235	374.216	375.224	K[3]
K	24	2600.525	282.140	246.121	247.129	K[2]
D	25	2715.552	134.045	118.028	119.034	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.93
- ▶ F105343.dat
- ▶ query=q13301.p1
- ▶ precursor=679.889050
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1336.772	1350.762	0.504	1350.258	P[25]
E	2	127.598	1310.245	1302.236	0.504	1301.732	E[24]
F	3	171.056	1345.245	1323.744	0.504	1237.210	F[23]
A	4	206.613	1197.197	1189.188	0.504	1188.684	A[22]
K	5	270.661	1161.679	1153.669	1154.173	1153.166	K[21]
S	6	314.177	1097.631	1089.622	1090.126	1089.118	S[20]
A	7	349.695	1054.115	1046.106	1046.610	1045.602	A[19]
F	8	389.222	1018.597	1010.587	1011.991	1010.984	F[18]
A	9	433.740	970.070	962.061	962.565	961.557	A[17]
P	10	482.267	934.552	926.542	927.946	926.939	P[16]
K	11	546.314	896.025	878.016	878.520	877.512	K[15]
K	12	610.362	821.978	813.969	814.473	813.465	K[14]
C	13	638.972	757.930	749.921	750.425	749.417	C[13]
S	14	692.388	729.420	721.410	721.914	720.906	S[12]
K	15	767.441	685.904	677.894	678.898	677.890	K[11]
K	16	852.494	600.851	592.842	593.846	592.838	K[10]
A	17	888.012	515.798	507.789	508.793	507.785	A[9]
V	18	937.655	480.268	472.259	472.774	471.766	V[8]
T	19	988.670	438.745	429.736	429.249	428.242	T[7]
K	20	1073.123	380.222	372.212	372.716	371.708	K[6]
A	21	1108.642	295.169	287.159	287.663	286.656	A[5]
Q	22	1172.671	259.656	251.646	252.149	251.141	Q[4]
K	23	1236.718	195.621	187.612	188.116	187.108	K[3]
K	24	1300.766	131.574	123.564	124.068	123.060	K[2]
D	25	1358.279	67.526	59.517	60.021	59.013	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.93
- ▶ F105343.dat
- ▶ query=q13301.p1
- ▶ precursor=679.889050
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	38.034	906.183	900.844	0.672	900.508	P[25]
E[2]	82.048	873.832	868.493	0.672	868.157	E[24]
P[3]	114.399	830.818	825.479	0.672	825.143	P[23]
A[4]	138.078	798.467	793.128	0.672	792.792	A[22]
K[5]	180.776	774.788	769.449	769.785	769.113	K[21]
S[6]	209.187	732.090	726.752	727.098	726.418	S[20]
A[7]	233.468	703.079	697.740	698.076	697.404	A[19]
P[8]	265.817	679.400	674.061	674.397	673.725	P[18]
A[9]	289.496	647.048	641.710	642.046	641.374	A[17]
P[10]	321.847	623.370	618.031	618.367	617.695	P[16]
K[11]	364.545	591.019	585.680	586.016	585.344	K[15]
K[12]	407.243	548.321	542.981	543.317	542.646	K[14]
G[13]	426.251	505.623	500.283	500.619	499.947	G[13]
S[14]	455.261	488.616	481.278	481.612	480.940	S[12]
K[15]	513.963	437.065	432.726	432.061	431.329	K[11]
K[16]	588.068	400.363	395.023	395.359	394.628	K[10]
A[17]	592.344	344.201	338.862	339.198	338.526	A[9]
V[18]	625.367	320.522	315.183	315.519	314.847	V[8]
T[19]	659.049	287.499	282.160	282.496	281.824	T[7]
K[20]	715.751	253.817	248.477	248.813	248.141	K[6]
A[21]	739.430	197.115	191.775	192.111	191.439	A[5]
Q[22]	782.116	173.436	168.096	168.432	167.760	Q[4]
K[23]	834.815	130.750	125.410	125.746	125.074	K[3]
K[24]	867.513	88.081	82.712	83.048	82.376	K[2]
D[25]	905.855	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.49
- ▶ F105343.dat
- ▶ query=q13302.p1
- ▶ precursor=544.112810
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
P	1	115.087	2716.536	2700.517	0.000	2699.500	P[25]
E	2	234.129	2619.483	2603.464	0.000	2602.450	E[24]
F	3	341.182	2502.440	2474.422	0.000	2473.411	F[23]
A	4	412.219	2393.387	2377.369	0.000	2376.361	A[22]
K	5	546.314	2322.350	2306.332	2307.336	2305.324	K[21]
S	6	627.346	2194.255	2178.237	2179.244	2177.250	S[20]
A	7	696.383	2107.223	2091.205	2092.212	2090.197	A[19]
F	8	795.436	2036.186	2020.168	2021.175	2019.166	F[18]
A	9	868.474	1939.133	1923.115	1924.123	1922.107	A[17]
P	10	963.526	1868.096	1852.078	1853.085	1851.070	P[16]
K	11	1091.621	1771.044	1755.026	1756.033	1754.017	K[15]
K	12	1261.726	1642.949	1626.930	1627.938	1625.922	K[14]
G	13	1318.748	1572.943	1456.824	1457.832	1455.811	G[13]
S	14	1405.780	1415.822	1399.803	1400.811	1398.795	S[12]
K	15	1575.885	1328.790	1312.771	1313.779	1311.761	K[11]
K	16	1745.991	1158.694	1142.665	1143.673	1141.658	K[10]
A	17	1817.020	988.579	972.560	973.568	971.552	A[9]
V	18	1916.096	617.541	901.523	607.511	900.515	V[8]
T	19	2017.144	618.473	605.454	893.462	591.446	T[7]
K	20	2145.239	717.425	701.407	702.414	700.399	K[6]
A	21	2218.276	589.330	573.312	574.320	572.304	A[5]
Q	22	2364.435	618.293	502.275	503.282	501.267	Q[4]
K	23	2472.430	390.235	374.216	375.224	373.209	K[3]
K	24	2666.525	262.140	246.121	247.129	245.113	K[2]
D	25	2735.552	134.045	118.026	119.034	117.010	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSK ^{Acetyl}_{42.01} K ^{Acetyl}_{42.01} AVTKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.49
- ▶ F105343.dat
- ▶ query=q13302.p1
- ▶ precursor=544.112810
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
P	1	58.047	1358.771	1350.762	0.504	1350.258	P[25]
E	2	127.588	1310.245	1302.236	0.504	1301.732	E[24]
F	3	171.095	1245.725	1237.714	0.504	1237.210	F[23]
A	4	206.613	1197.197	1189.188	0.504	1188.684	A[22]
K	5	270.601	1161.679	1153.669	1154.173	1153.166	K[21]
S	6	314.177	1097.631	1089.622	1090.126	1089.118	S[20]
A	7	349.695	1054.115	1046.106	1046.610	1045.602	A[19]
F	8	388.223	1018.597	1010.587	1011.091	1010.683	F[18]
A	9	433.740	970.070	962.061	962.565	961.557	A[17]
P	10	482.267	934.552	926.542	927.046	926.039	P[16]
K	11	546.314	886.025	878.016	878.520	877.512	K[15]
K	12	631.367	821.978	813.969	814.473	813.465	K[14]
G	13	659.878	786.925	778.916	779.420	778.412	G[13]
S	14	703.394	708.414	700.405	700.909	699.901	S[12]
K	15	788.446	664.898	656.889	657.393	656.385	K[11]
K	16	873.499	579.846	571.836	572.340	571.332	K[10]
A	17	909.018	494.793	486.784	487.287	486.280	A[9]
V	18	958.552	459.274	451.265	451.769	450.761	V[8]
T	19	1009.076	409.746	401.737	402.241	401.232	T[7]
K	20	1073.123	359.215	351.207	351.711	350.703	K[6]
A	21	1108.642	295.169	287.159	287.663	286.656	A[5]
Q	22	1172.671	259.656	251.646	252.149	251.141	Q[4]
K	23	1236.718	195.621	187.612	188.116	187.108	K[3]
K	24	1305.766	131.574	123.564	124.068	123.060	K[2]
D	25	1358.279	67.526	59.517	60.021	59.013	D[1]

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTKAQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.49
- ▶ F105343.dat
- ▶ query=q13302.p1
- ▶ precursor=544.112810
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	38.034	906.183	900.844	0.672	900.508	P[25]
E[2]	82.048	873.832	868.493	0.672	868.157	E[24]
P[3]	114.399	830.818	825.479	0.672	825.143	P[23]
A[4]	138.078	798.467	793.128	0.672	792.792	A[22]
K[5]	180.776	774.788	769.449	769.785	769.113	K[21]
S[6]	209.197	732.990	728.792	727.098	726.218	S[20]
A[7]	211.468	703.079	697.740	698.076	697.404	A[19]
P[8]	265.817	679.430	674.081	674.397	673.725	P[18]
A[9]	289.496	647.049	641.710	642.046	641.374	A[17]
P[10]	321.847	623.370	618.031	618.367	617.695	P[16]
K[11]	364.545	591.019	585.680	586.016	585.344	K[15]
K[12]	421.247	548.321	542.981	543.317	542.646	K[14]
G[13]	440.254	491.619	486.280	486.616	485.944	G[13]
S[14]	469.265	472.612	467.272	467.608	466.937	S[12]
K[15]	525.967	441.601	438.262	438.598	437.926	K[11]
K[16]	527.068	398.940	393.560	393.896	393.224	K[10]
A[17]	606.348	390.198	324.858	325.194	324.522	A[9]
V[18]	639.370	306.519	301.179	301.515	300.843	V[8]
T[19]	673.053	273.496	268.156	268.492	267.820	T[7]
K[20]	715.751	239.813	234.474	234.810	234.138	K[6]
A[21]	739.430	197.115	191.775	192.111	191.439	A[5]
Q[22]	782.116	173.436	168.096	168.432	167.760	Q[4]
K[23]	824.815	130.750	125.410	125.746	125.074	K[3]
K[24]	867.513	88.081	82.712	83.048	82.376	K[2]
D[25]	905.855	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

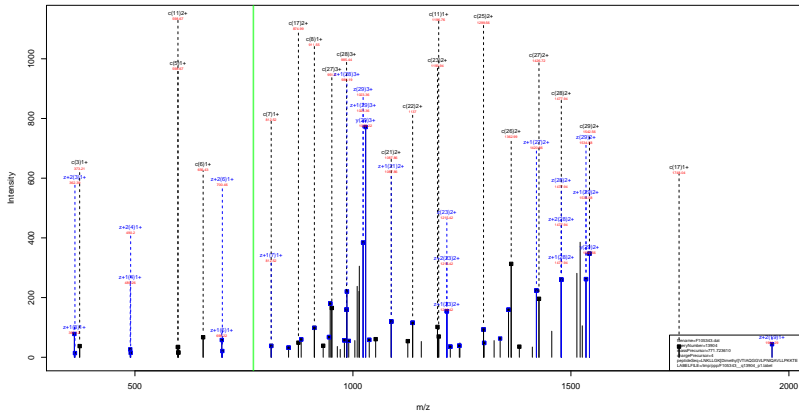
PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTKAQKKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.49
- ▶ F105343.dat
- ▶ query=q13302.p1
- ▶ precursor=544.112810
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	679.889	675.885	0.755	675.633	P[25]
E[2]	61.788	695.626	651.621	0.755	651.370	E[24]
P[3]	86.051	623.366	619.361	0.755	619.109	P[23]
A[4]	103.810	599.102	595.098	0.755	594.846	A[22]
K[5]	135.834	581.343	577.338	577.590	577.086	K[21]
S[6]	157.592	549.339	545.333	545.587	545.063	S[20]
A[7]	175.351	527.561	523.557	523.809	523.306	A[19]
P[8]	199.614	509.302	505.297	505.549	505.345	P[18]
A[9]	217.374	495.539	491.534	491.786	491.282	A[17]
P[10]	241.637	467.780	463.775	464.027	463.523	P[16]
K[11]	273.661	443.516	439.512	439.764	439.260	K[15]
K[12]	316.197	411.493	407.488	407.740	407.236	K[14]
G[13]	330.442	368.966	364.962	365.214	364.710	G[13]
S[14]	352.200	354.711	350.706	350.958	350.454	S[12]
K[15]	384.227	332.993	328.988	329.240	328.996	K[11]
K[16]	417.253	290.426	286.422	286.674	286.170	K[10]
A[17]	455.012	247.900	243.895	244.147	243.643	A[9]
V[18]	479.780	230.141	226.136	226.388	225.884	V[8]
T[19]	505.041	205.374	201.369	201.621	201.117	T[7]
K[20]	537.065	180.112	176.107	176.359	175.855	K[6]
A[21]	554.624	148.088	144.083	144.335	143.831	A[5]
Q[22]	586.839	130.329	126.324	126.576	126.072	Q[4]
K[23]	618.863	98.314	94.309	94.561	94.057	K[3]
K[24]	650.887	66.290	62.285	62.536	62.034	K[2]
D[25]	679.643	34.267	30.263	30.514	30.010	D[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=102.13
- ▶ F105343.dat
- ▶ query=q13904.p1
- ▶ precursor=771.723610
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	2067.873	0.000	3056.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	3840.740	3841.754	2839.738	K[27]
L[4]	488.340	3728.670	2712.651	2713.659	3711.643	L[26]
L[5]	699.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.502	2486.483	2487.491	2485.473	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2389.354	2373.335	2374.343	2372.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1214.667	1909.111	1893.092	1894.106	1892.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.979	1603.015	1648.997	1648.004	1645.989	V[15]
L[16]	1651.063	1561.947	1547.928	1548.936	1546.920	L[14]
T[17]	1748.116	1450.863	1434.844	1435.852	1433.836	T[13]
N[18]	1862.959	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1119.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	827.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	628.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2963.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.908	148.050	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=102.13
- ▶ F105343.dat
- ▶ query=q13904_p1
- ▶ precursor=771.723610
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	9.504	1533.936	L120
N1	123.084	1485.905	1477.898	1478.402	1477.394	N20
K1	187.132	1428.889	1420.877	1421.381	1420.373	K27
L1	243.674	1364.839	1356.829	1357.333	1356.325	L26
L1	300.216	1308.297	1300.287	1300.791	1299.783	L25
G1	358.758	1251.795	1243.745	1244.249	1243.241	G24
K1	406.789	1223.244	1215.234	1215.738	1214.731	K23
V1	456.324	1145.181	1137.171	1137.675	1136.667	V22
T1	506.840	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A19
Q12	662.937	933.060	925.053	925.557	924.549	Q18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	830.035	782.477	774.468	774.972	773.964	L14
T17	874.561	728.935	721.928	722.432	721.424	T13
N18	931.583	677.400	669.390	669.893	668.885	N12
I19	988.125	630.867	622.858	623.362	622.354	I11
Q20	1052.154	583.845	575.836	576.340	575.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1288.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.049	117.552	116.544	T2
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=102.13
- ▶ F105343.dat
- ▶ query=q13904_p1
- ▶ precursor=771.723610
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		0.672	1022.960 L 29
N 2	62.392	990.941	985.601	985.937		985.265 N 28
K 3	125.090	952.026	947.587	947.923		947.251 K 27
L 4	162.795	910.229	904.889	905.225	904.553	L 26
L 5	200.479	872.523	867.184	867.520	866.855	L 25
G 6	219.487	834.839	829.499	829.835	829.169	G 24
K 7	271.529	815.832	810.492	810.828	810.158	K 23
V 8	304.552	783.790	778.450	778.786	778.114	V 22
T 9	338.234	730.767	725.427	725.763	725.091	T 21
I 10	375.929	697.084	691.745	692.081	691.409	I 20
A 11	399.608	659.389	654.050	654.386	653.714	A 19
Q 12	442.294	636.720	630.374	630.707	630.035	Q 18
G 13	461.301	593.024	587.685	588.021	587.349	G 17
G 14	480.308	574.017	568.678	569.013	568.342	G 16
V 15	513.331	555.010	549.670	550.006	549.334	V 15
L 16	551.026	521.987	516.648	516.984	516.312	L 14
F 17	583.377	484.292	478.953	479.289	478.617	F 13
Tu 18	621.391	451.942	446.603	446.939	446.266	Tu 12
I 19	659.088	413.927	408.588	408.924	408.252	I 11
Q 20	701.772	376.213	370.893	371.229	370.557	Q 10
A 21	725.451	333.546	328.207	328.543	327.871	A 9
V 22	758.474	309.867	304.528	304.864	304.192	V 8
L 23	796.168	276.844	271.505	271.841	271.169	L 7
L 24	833.863	239.350	233.991	234.326	233.654	L 6
P 25	866.214	201.655	196.316	196.651	195.979	P 5
K 26	908.912	169.104	163.765	164.101	163.429	K 4
K 27	951.611	126.406	121.066	121.402	120.730	K 3
T 28	985.293	83.708	78.368	78.704	78.032	T 2
E 29	1028.307	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=101.01
- ▶ F105343.dat
- ▶ query=q13905.p1
- ▶ precursor=771.725820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L29
N2	345.161	2970.808	2954.789	2955.797	2951.781	N38
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	607.424	2615.585	2599.567	2600.575	2598.560	L25
Q6	656.445	2502.502	2486.483	2487.491	2485.475	Q24
K7	812.572	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2288.354	2273.335	2274.343	2272.327	V22
T9	1017.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.867	1895.111	1889.098	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.979	1663.015	1646.997	1646.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
P17	1748.116	1490.893	1474.874	1475.882	1473.866	P13
T18	1852.159	1383.810	1337.791	1338.799	1336.783	T12
I19	1975.243	1236.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.336	996.624	980.606	981.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.435	699.415	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2951.895	249.108	233.089	234.097	232.082	T2
E29	3082.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=101.01
- ▶ F105343.dat
- ▶ query=q13905.p1
- ▶ precursor=771.725820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	8.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.394	N020
K13	187.132	1428.889	1420.877	1421.381	1420.373	K027
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.795	1243.745	1244.249	1243.241	G024
K17	406.799	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
F19	506.840	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T020
A11	598.908	998.581	990.571	991.075	990.067	A119
Q12	662.937	953.060	945.053	945.557	944.549	Q118
G13	691.448	899.033	891.023	891.527	890.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	830.035	782.477	774.468	774.972	773.964	L114
F17	874.561	728.935	721.925	722.429	721.421	F113
N18	931.583	677.400	669.390	669.893	668.885	N112
I19	988.125	630.867	622.858	623.362	622.354	I111
Q20	1052.154	583.845	575.836	576.340	575.332	Q110
A21	1087.673	499.816	491.807	492.311	491.303	A10
V22	1137.207	494.297	486.288	486.792	485.784	V10
L23	1193.749	414.763	406.754	407.258	406.250	L11
L24	1250.291	358.221	350.212	350.716	349.708	L10
P25	1298.817	301.679	293.670	294.174	293.166	P10
K26	1362.865	253.153	245.143	245.647	244.639	K10
K27	1426.912	199.105	191.096	191.600	190.592	K10
T28	1477.436	125.058	117.049	117.552	116.544	T10
E29	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

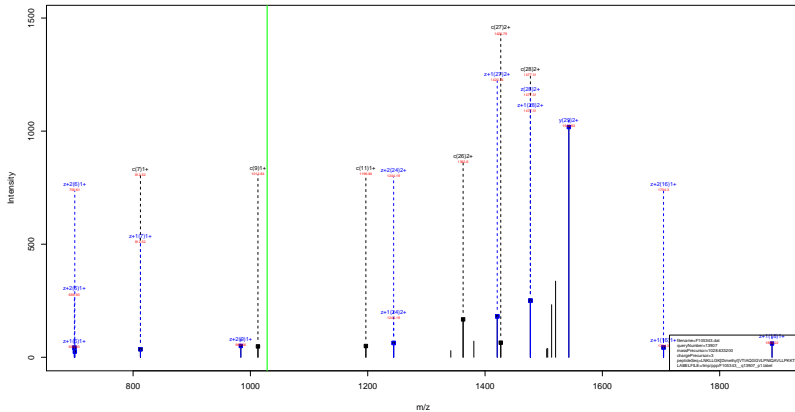
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=101.01
- ▶ F105343.dat
- ▶ query=q13905.p1
- ▶ precursor=771.725820
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		0.672	1022.960 L 29
N 2	62.392	990.941	985.601	985.937		985.265 N 28
K 3	125.090	952.926	947.587	947.923		947.251 K 27
L 4	162.795	910.229	904.889	905.225	904.553	L 26
L 5	200.479	872.523	867.184	867.520	868.355	L 25
G 6	219.487	834.839	829.499	829.835	829.161	G 24
K 7	271.529	815.832	810.492	810.828	810.158	K 23
V 8	304.552	763.790	758.450	758.786	758.114	V 22
T 9	336.234	730.767	725.427	725.763	725.091	T 21
I 10	375.929	697.084	691.745	692.081	691.409	I 20
A 11	399.608	659.389	654.050	654.386	653.714	A 19
Q 12	442.294	636.720	630.374	630.707	630.035	Q 18
G 13	461.301	593.024	587.685	588.021	587.349	G 17
G 14	480.308	574.017	568.678	569.013	568.342	G 16
V 15	513.331	555.010	549.670	550.006	549.334	V 15
L 16	551.026	521.987	516.648	516.984	516.312	L 14
F 17	583.377	484.292	478.953	479.289	478.617	F 13
Tu 18	621.391	451.942	446.603	446.939	446.266	Tu 12
I 19	659.086	413.927	408.588	408.924	408.252	I 11
Q 20	701.772	376.213	370.893	371.229	370.557	Q 10
A 21	725.451	333.546	328.207	328.543	327.871	A 9
V 22	758.474	309.867	304.528	304.864	304.192	V 8
L 23	796.168	276.844	271.505	271.841	271.169	L 7
L 24	833.863	239.350	233.991	234.326	233.654	L 6
P 25	866.214	201.655	196.116	196.451	195.779	P 5
K 26	908.912	169.104	163.765	164.101	163.429	K 4
K 27	951.611	126.406	121.066	121.402	120.730	K 3
T 28	985.293	83.708	78.368	78.704	78.032	T 2
E 29	1028.307	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.00
- ▶ F105343.dat
- ▶ query=q13907.p1
- ▶ precursor=1028.633200
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
G[6]	694.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.584	2273.535	2274.543	2272.527	V[22]
T[9]	1012.688	2190.586	2174.567	2175.575	2173.559	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.857	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.589	1777.055	1761.036	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.864	1435.872	1433.856	P[13]
T[18]	1852.159	1383.810	1367.791	1368.799	1366.783	T[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2951.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.00
- ▶ F105343.dat
- ▶ query=q13907_p1
- ▶ precursor=1028.633200
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1366.829	1357.331	1366.325	L126
L15	300.216	1308.297	1309.287	1309.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.243	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.849	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A111	588.909	988.581	980.571	981.075	980.067	A119
Q12	602.937	953.062	945.053	945.557	944.549	Q118
G133	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
F17	874.581	728.935	721.925	722.429	721.421	F113
N118	931.583	677.400	669.390	669.893	668.885	N112
I19	988.125	620.867	612.858	613.362	612.354	I111
Q120	1052.154	563.845	555.836	556.340	555.332	Q110
A121	1087.673	499.816	491.807	492.310	491.303	A10
V122	1127.207	494.297	486.288	486.792	485.784	V10
L123	1193.749	414.763	406.754	407.258	406.250	L11
L124	1250.291	358.221	350.212	350.716	349.708	L10
P125	1298.817	301.679	293.670	294.174	293.166	P10
K126	1362.865	253.153	245.143	245.647	244.639	K10
K127	1426.912	189.105	181.096	181.600	180.592	K10
T128	1477.436	125.058	117.048	117.552	116.544	T10
E129	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=113.38
- ▶ F105343.dat
- ▶ query=q14042.p1
- ▶ precursor=803.986670
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
E	1	147.076	3212.934	3196.916	0.000	3195.908	E	30
L	2	260.160	3083.892	3067.873	0.000	3066.865	L	29
R	3	374.232	2970.868	2954.789	2855.797	2953.781	R	28
K	4	502.298	2856.765	2840.746	2841.154	2839.735	K	27
L	5	615.382	2728.670	2712.651	2713.659	2711.643	L	26
L	6	728.466	2615.586	2599.569	2600.575	2598.559	L	25
G	7	785.488	2502.502	2486.483	2487.491	2485.475	G	24
K	8	941.614	2445.480	2429.462	2430.469	2428.454	K	23
V	9	1048.683	2388.364	2373.335	2274.343	2272.327	V	22
I	10	1141.730	2190.286	2174.267	2175.275	2173.259	I	21
I	11	1254.814	2089.238	2073.219	2074.227	2072.211	I	20
A	12	1325.851	1978.154	1960.135	1961.143	1959.127	A	19
Q	13	1453.910	1905.117	1889.098	1890.106	1888.090	Q	18
G	14	1510.932	1777.058	1761.039	1762.047	1760.032	G	17
G	15	1567.953	1730.037	1704.018	1705.026	1703.010	G	16
V	16	1607.021	1683.015	1649.997	1648.994	1646.989	V	15
L	17	1780.105	1563.947	1547.928	1548.936	1546.920	L	14
P	18	1877.158	1450.863	1434.844	1435.852	1433.836	P	13
N	19	1991.201	1353.810	1337.791	1336.799	1336.783	N	12
I	20	2104.285	1239.767	1223.748	1224.756	1222.741	I	11
Q	21	2232.344	1136.682	1116.664	1111.672	1109.656	Q	10
A	22	2303.393	998.624	982.606	983.614	981.598	A	9
V	23	2402.449	927.587	911.569	912.576	910.561	V	8
L	24	2515.533	828.519	812.500	813.508	811.492	L	7
L	25	3028.617	715.435	699.416	700.424	698.408	L	6
P	26	2725.670	602.351	586.332	587.340	585.324	P	5
K	27	2853.765	505.296	489.279	490.287	488.271	K	4
R	28	2883.886	377.262	361.184	362.192	360.176	R	3
T	29	3082.908	249.188	233.099	234.097	232.082	T	2
E	30	3211.950	148.060	132.042	133.050	131.034	E	1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=113.38
- ▶ F105343.dat
- ▶ query=q14042.p1
- ▶ precursor=803.986670
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E 1	74.042	1606.971	1598.962	0.504	1598.458	E 30
L 2	130.504	1542.450	1534.440	0.504	1533.930	L 26
N 3	187.605	1485.908	1477.898	1478.402	1477.394	N 28
K 4	251.653	1428.889	1420.877	1421.381	1420.373	K 27
L 5	308.195	1364.830	1356.829	1357.333	1356.323	L 26
L 6	364.737	1308.297	1300.287	1300.791	1299.781	L 28
G 7	381.240	1251.735	1243.745	1244.249	1243.241	G 04
K 8	471.311	1223.244	1215.234	1215.738	1214.731	K 23
V 9	530.845	1148.181	1147.713	1137.679	1138.967	V 22
T 10	613.389	1095.646	1087.637	1088.141	1087.133	T 21
I 11	627.911	1048.123	1037.113	1037.617	1036.609	I 20
A 12	683.429	988.581	980.571	981.075	980.067	A 19
Q 13	727.459	933.062	945.053	945.557	944.549	Q 18
G 14	755.969	889.033	881.023	881.527	880.519	G 17
G 15	794.488	886.522	852.513	853.017	852.009	G 18
V 16	834.014	832.011	824.002	824.506	823.498	V 15
L 17	890.556	782.477	774.468	774.972	773.964	L 14
F 18	939.083	725.935	717.926	718.430	717.422	F 13
N 19	998.104	677.409	669.399	669.903	668.895	N 12
L 20	1052.646	620.387	612.378	612.882	611.874	L 11
Q 21	1116.676	563.848	555.838	556.342	555.334	Q 19
A 22	1152.194	499.810	491.801	492.305	491.297	A 01
V 23	1201.728	464.297	456.288	456.792	455.784	V 08
L 24	1258.270	414.763	406.754	407.258	406.250	L 17
L 25	1314.812	358.221	350.212	350.716	349.708	L 16
T 26	1363.339	301.679	293.670	294.174	293.166	T 15
K 27	1427.386	253.153	245.143	245.647	244.639	K 14
K 28	1491.434	189.105	181.096	181.600	180.592	K 13
T 29	1541.958	125.058	117.048	117.552	116.544	T 12
E 30	1606.479	74.534	66.524	67.028	66.021	E 11

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=113.38
- ▶ F105343.dat
- ▶ query=q14042.p1
- ▶ precursor=803.986670
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
E	1	49.697	1071.050	1066.310	0.672	1065.974	E[30]
L	2	87.302	1028.635	1023.296	0.672	1022.960	L[29]
K	3	125.406	990.941	985.601	980.267	985.205	K[28]
R	4	168.104	952.926	947.587	942.223	947.291	R[27]
L	5	205.799	910.228	904.889	905.225	904.553	L[26]
L	6	243.494	872.531	867.194	867.530	866.858	L[25]
G	7	282.501	834.839	829.499	829.835	829.161	G[24]
K	8	314.543	815.832	810.492	810.828	810.156	K[23]
V	9	347.566	783.790	778.450	778.786	778.114	V[22]
V	10	381.248	750.767	745.427	745.763	745.091	V[21]
I	11	418.943	697.084	691.745	692.081	691.405	I[20]
A	12	442.622	659.389	654.050	654.386	653.714	A[19]
Q	13	485.308	635.711	630.371	630.707	630.035	Q[18]
G	14	504.315	593.024	587.685	588.021	587.349	G[17]
G	15	523.123	574.017	568.678	569.013	568.342	G[16]
V	16	556.345	559.011	549.670	550.006	549.334	V[15]
L	17	594.040	521.987	516.648	516.984	516.312	L[14]
P	18	626.891	484.202	478.953	479.289	478.617	P[13]
N	19	664.405	451.942	446.602	446.938	446.266	N[12]
I	20	702.100	413.927	408.588	408.924	408.252	I[11]
Q	21	744.786	376.213	370.893	371.229	370.557	Q[10]
A	22	788.465	333.546	328.207	328.543	327.871	A[9]
V	23	801.488	309.967	304.528	304.864	304.192	V[8]
L	24	839.183	276.844	271.505	271.841	271.169	L[7]
L	25	876.877	239.150	233.810	234.146	233.474	L[6]
P	26	909.238	201.455	196.116	196.451	195.780	P[5]
K	27	951.827	169.104	163.765	164.101	163.429	K[4]
K	28	994.625	129.420	124.081	124.402	123.731	K[3]
I	29	1028.307	83.708	78.368	78.704	78.033	I[2]
E	30	1071.322	50.025	44.685	45.021	44.349	E[1]

sp | P43274 | H14_MOUSE

TAPAAPAAPAPAEKTPVKKKARKAAGGAKRK ^{Dimethyl} TSGPPVSE _{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.97
- ▶ F105343.dat
- ▶ query=q14439.p1
- ▶ precursor=765.039930
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
F1	119.082	3821.187	8656.188	0.000	3804.181	T130
A2	190.119	8720.140	5704.121	0.000	4703.111	A38
F3	287.171	3649.102	3631.084	0.000	3632.070	P137
A4	358.208	3652.050	3636.031	0.000	3539.021	A39
A5	429.246	3681.013	3644.984	0.000	3463.986	A25
F6	526.298	3400.075	3391.057	0.000	3392.049	P34
A7	597.335	3312.023	3296.904	0.000	3295.896	A33
A8	668.373	3241.886	3225.867	0.000	3224.850	A32
F9	765.425	3170.848	3154.830	0.000	3153.822	P131
A10	836.462	3073.796	3071.777	0.000	3056.769	A30
F11	933.515	3002.759	3085.740	0.000	3085.732	P29
A12	1004.552	2905.706	2899.687	0.000	2898.679	A28
E13	1133.595	2834.669	2818.650	0.000	2817.642	E27
K14	1261.690	2705.620	2699.601	2690.615	2688.600	K26
T15	1362.738	2677.531	2661.512	2662.520	2660.505	T25
F16	1459.790	2676.483	2660.465	2661.473	2659.455	F24
V17	1558.859	2379.431	2381.412	2364.420	2362.404	V23
K18	1686.954	2280.382	2264.344	2265.351	2263.336	K22
K19	1815.049	2152.287	2136.249	2137.256	2135.241	K21
K20	1943.144	2024.172	2008.154	2009.161	2007.146	K20
A21	2071.233	1896.077	1880.059	1881.066	1879.051	A19
R22	2170.282	1825.040	1809.022	1810.029	1808.014	R18
K23	2298.377	1668.919	1652.920	1653.928	1651.913	K17
A24	2369.414	1640.844	1624.825	1625.833	1623.818	A16
A25	2440.451	1489.807	1453.798	1454.796	1452.791	A15
C26	2487.473	1398.770	1382.751	1383.759	1381.743	C14
C27	2554.498	1241.748	1225.729	1226.738	1224.722	C13
A28	2625.531	1284.727	1268.708	1269.716	1267.700	A12
K29	2753.626	1213.690	1197.671	1198.679	1196.663	K11
R30	2809.727	1085.595	1069.576	1070.584	1068.568	R10
K31	3065.853	925.494	913.475	914.483	912.467	K9
L32	3168.901	873.388	757.369	758.377	756.361	L9
S33	3253.913	812.350	696.301	697.309	695.293	S11
G34	3310.915	585.288	589.299	570.277	568.261	G6
F35	3408.007	528.266	512.248	513.256	511.240	F9
F36	3505.060	431.214	415.195	416.203	414.187	F4
V37	3604.129	334.161	318.142	319.150	317.134	V3
S38	3691.181	236.092	219.073	220.082	218.066	S25
E39	3820.203	148.060	132.042	133.050	131.034	E11

sp | P43274 | H14_MOUSE

TAPAAPAAPAPAEKTPVKKKARKAAGGAKRK ^{Dimethyl} TSGPPVSE _{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.97
- ▶ F105343.dat
- ▶ query=q14439.p1
- ▶ precursor=765.039930
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
F[1]	60.044	1911.097	1093.088	0.504	1800.584	T[30]
A[2]	65.563	1840.573	1852.564	0.504	1852.060	A[38]
F[3]	144.089	1825.055	1817.045	0.504	1816.542	P[37]
A[4]	179.208	1776.529	1768.519	0.504	1768.015	A[39]
A[5]	215.126	1741.010	1733.001	0.504	1732.496	A[25]
F[6]	263.653	1705.491	1697.482	0.504	1696.978	P[34]
A[7]	299.171	1670.965	1662.956	0.504	1662.452	A[33]
A[8]	334.690	1621.446	1613.437	0.504	1612.933	A[32]
F[9]	383.216	1585.929	1577.919	0.504	1577.415	P[31]
A[10]	418.735	1537.403	1529.392	0.504	1528.888	A[30]
F[11]	467.261	1501.883	1493.874	0.504	1493.370	P[29]
A[12]	502.780	1453.357	1445.347	0.504	1444.843	A[28]
E[13]	567.301	1417.838	1409.829	0.504	1409.325	E[27]
K[14]	631.349	1353.317	1345.307	1345.811	1344.803	K[26]
T[15]	681.872	1289.299	1281.289	1281.794	1280.790	T[25]
F[16]	730.399	1230.745	1230.736	1231.240	1230.232	F[24]
V[17]	779.933	1190.218	1182.210	1182.714	1181.706	V[23]
K[18]	843.981	1140.695	1132.675	1133.179	1132.171	K[22]
K[19]	908.028	1076.637	1068.628	1069.132	1068.124	K[21]
K[20]	972.075	1012.599	1004.589	1005.084	1004.077	K[20]
A[21]	1007.594	948.542	940.533	941.037	940.029	A[17]
R[22]	1055.645	913.024	905.014	905.518	904.510	R[18]
K[23]	1149.692	834.973	826.964	827.468	826.460	K[17]
A[24]	1185.211	770.926	762.918	763.420	762.412	A[16]
A[25]	1230.729	735.407	727.397	727.902	726.894	A[15]
C[26]	1249.240	699.899	691.879	692.383	691.375	C[14]
C[27]	1277.813	674.379	666.360	666.864	665.856	C[13]
A[28]	1313.269	642.867	634.838	635.362	634.354	A[12]
K[29]	1377.317	607.349	599.339	599.843	598.835	K[11]
R[30]	1455.367	543.301	535.292	535.796	534.788	R[10]
K[31]	1533.430	465.251	457.241	457.745	456.737	K[9]
T[32]	1583.959	397.201	379.178	379.682	378.674	T[8]
S[33]	1627.470	198.664	328.654	329.158	328.150	S[1]
G[34]	1655.981	293.148	285.138	285.642	284.634	G[6]
F[35]	1704.507	264.637	256.627	257.131	256.124	F[5]
F[36]	1753.034	216.110	208.101	208.605	207.597	F[4]
V[37]	1802.568	187.584	159.575	160.079	159.071	V[3]
S[38]	1846.088	118.050	110.041	110.544	109.535	S[2]
E[39]	1910.605	74.534	66.524	67.028	66.021	E[1]

sp | P43274 | H14_MOUSE

TAPAAPAAPAPAEKTPVKKKARKAAGGAKRK ^{Dimethyl} TSGPPVSE _{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=60.97
- ▶ F105343.dat
- ▶ query=q14439_p1
- ▶ precursor=765.039930
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z-1	z-2	z	AA		
F	1	40.305	1274.401	1269.061	0.672	1268.725	F	30
A	2	04.044	1240.718	1235.378	0.672	1235.043	A	38
P	3	06.395	1217.030	1211.669	0.672	1211.363	P	37
A	4	120.074	1184.680	1179.368	0.672	1179.011	A	26
A	5	143.753	1161.000	1155.669	0.672	1155.334	A	35
P	6	176.104	1137.330	1131.990	0.672	1131.054	P	34
A	7	199.793	1104.970	1099.639	0.672	1099.304	A	33
A	8	223.462	1081.300	1075.960	0.672	1075.625	A	32
P	9	255.813	1057.623	1052.241	0.672	1051.945	P	31
A	10	279.492	1025.279	1019.930	0.672	1019.595	A	30
P	11	311.843	1001.591	996.251	0.672	995.916	P	29
A	12	335.522	969.240	963.901	0.672	963.565	A	28
E	13	378.537	945.561	940.221	0.672	939.886	E	27
K	14	421.235	902.547	897.207	897.543	896.871	K	26
T	15	454.017	899.840	854.509	854.845	854.173	T	25
F	16	487.268	826.166	821.825	821.152	820.496	F	24
V	17	520.291	793.815	788.476	788.811	788.140	V	23
K	18	562.989	760.792	755.453	755.789	755.117	K	22
K	19	605.688	718.094	712.754	713.090	712.418	K	21
K	20	648.386	675.390	670.056	670.392	669.720	K	20
A	21	692.085	632.697	627.358	627.694	627.022	A	19
D	22	724.099	609.011	603.679	604.015	603.341	D	18
K	23	766.797	555.985	551.645	551.981	551.309	K	17
A	24	790.476	514.288	508.947	509.283	508.611	A	16
A	25	814.155	490.607	485.268	485.604	484.932	A	15
G	26	833.162	466.928	461.589	461.925	461.253	G	14
G	27	852.170	447.921	442.581	442.917	442.245	G	13
A	28	875.849	429.914	423.574	423.910	423.238	A	12
K	29	918.547	405.235	399.895	400.231	399.559	K	11
R	30	970.581	362.537	357.197	357.533	356.861	R	10
K	31	1027.623	310.507	305.163	305.499	304.827	K	9
T	32	1056.305	259.461	253.121	253.457	252.785	T	8
S	33	1085.316	224.778	218.439	218.775	218.103	S	7
G	34	1114.219	199.767	193.428	193.764	193.092	G	6
P	35	1136.674	175.760	171.421	171.757	171.085	P	5
P	36	1169.025	144.400	139.070	139.406	138.734	P	4
V	37	1202.048	112.050	106.719	107.055	106.383	V	3
S	38	1231.058	79.030	73.696	74.032	73.360	S	2
E	39	1274.673	50.025	44.685	45.021	44.349	E	1

sp | P43274 | H14_MOUSE

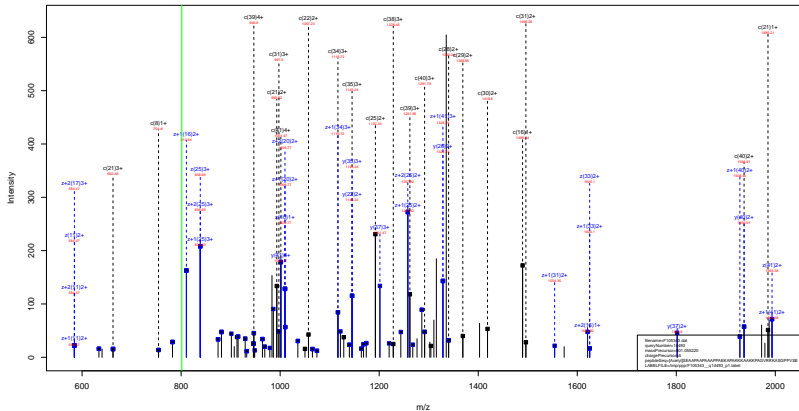
TAPAAPAAPAEKTPVKKKARKAAGGAKRK ^{Dimethyl} TSGPPVSE _{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=60.97
- ▶ F105343.dat
- ▶ query=q14439_p1
- ▶ precursor=765.039930
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T[1]	30.526	956.052	952.048	0.755	951.796	T[30]
A[2]	48.285	930.790	926.786	0.755	926.534	A[38]
P[3]	72.548	913.031	909.026	0.755	908.774	P[37]
A[4]	90.308	888.768	884.763	0.755	884.511	A[36]
A[5]	108.087	871.009	867.004	0.755	866.752	A[35]
P[6]	132.330	853.240	849.235	0.755	848.991	P[34]
A[7]	150.089	828.986	824.981	0.755	824.729	A[33]
A[8]	167.849	811.227	807.222	0.755	806.970	A[32]
P[9]	192.112	793.468	789.463	0.755	789.211	P[31]
A[10]	209.871	769.204	765.200	0.755	764.948	A[30]
P[11]	254.134	751.445	747.440	0.755	747.188	P[29]
A[12]	251.894	727.182	723.177	0.755	722.925	A[28]
E[13]	284.154	709.423	705.418	0.755	705.166	E[27]
K[14]	316.178	677.162	673.157	673.409	672.905	K[26]
T[15]	341.430	645.138	641.134	641.386	640.882	T[25]
P[16]	365.703	619.878	615.873	616.124	615.620	P[24]
V[17]	390.470	595.613	591.608	591.860	591.356	V[23]
K[18]	422.494	570.846	566.841	567.093	566.589	K[22]
K[19]	454.518	538.822	534.818	535.070	534.566	K[21]
K[20]	486.541	506.799	502.794	503.046	502.542	K[20]
A[21]	504.301	474.775	470.770	471.022	470.518	A[19]
R[22]	543.326	457.016	453.011	453.263	452.759	R[18]
K[23]	575.350	417.990	413.986	414.238	413.734	K[17]
A[24]	593.109	385.967	381.962	382.214	381.710	A[16]
A[25]	610.868	368.207	364.203	364.454	363.951	A[15]
G[26]	628.124	350.444	346.443	346.695	346.191	G[14]
G[27]	659.379	336.191	332.188	332.440	331.936	G[13]
A[28]	657.138	321.937	317.933	318.184	317.681	A[12]
K[29]	689.162	304.178	300.173	300.425	299.921	K[11]
R[30]	728.187	272.154	268.150	268.401	267.898	R[10]
K[31]	767.219	233.129	229.124	229.376	228.872	K[9]
T[32]	792.481	194.097	190.093	190.345	189.841	T[8]
S[33]	814.239	168.835	164.831	165.083	164.579	S[7]
G[34]	838.494	147.077	143.073	143.325	142.821	G[6]
F[35]	852.157	132.822	128.817	129.069	128.565	F[5]
F[36]	873.620	108.569	104.564	104.806	104.302	F[4]
V[17]	901.788	84.296	80.291	80.543	80.039	V[3]
S[38]	923.546	59.529	55.524	55.776	55.272	S[2]
E[39]	955.806	37.771	33.766	34.018	33.514	E[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAQVRRKASGPPVSE



sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.72
- ▶ F105343.dat
- ▶ query=q14493.p1
- ▶ precursor=801.055220
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	147.076	4001.243	2385.222	0.000	3054.214	S41
E2	276.119	3872.198	3856.179	0.000	3855.172	E40
A3	347.156	3743.156	4727.137	0.000	4726.129	A30
A4	418.193	3614.118	3656.100	0.000	3655.092	A38
F5	515.246	3601.081	3585.063	0.000	3584.055	F37
A6	586.283	3504.029	3488.010	0.000	3487.002	A26
A7	657.320	3432.992	3418.973	0.000	3415.965	A35
P8	754.373	3361.954	3345.936	0.000	3344.928	P34
A9	828.410	3264.902	3248.883	0.000	3247.875	A33
A10	899.447	3193.864	3177.846	0.000	3176.838	A32
A11	970.484	3122.827	3106.809	0.000	3105.801	A31
P12	1064.537	3051.790	3035.771	0.000	3034.764	P20
P13	1161.590	2954.737	2938.719	0.000	2937.711	P29
A14	1232.627	2857.685	2841.666	0.000	2840.658	A28
E15	1361.670	2786.648	2770.629	0.000	2769.621	E27
K16	1489.765	2657.602	2641.583	2642.564	2640.578	K26
A17	1560.802	2529.510	2513.491	2514.499	2512.483	A25
P18	1657.854	2458.473	2442.454	2443.462	2441.446	P24
A19	1728.892	2361.425	2345.401	2346.409	2344.394	A23
K20	1856.986	2290.383	2274.364	2275.372	2273.356	K22
K21	1965.081	2162.338	2146.320	2147.377	2145.361	K21
K22	2113.176	2034.193	2018.174	2019.182	2017.167	K20
A23	2164.214	1906.098	1890.079	1891.087	1889.072	A19
A24	2255.251	1835.061	1819.042	1820.050	1818.034	A18
K25	2383.346	1764.025	1748.005	1749.013	1747.997	K17
K26	2511.441	1635.929	1619.910	1620.918	1618.902	K16
P27	2608.493	1507.834	1491.815	1492.823	1490.807	P15
A28	2679.530	1410.781	1394.762	1395.770	1393.755	A14
C29	2736.562	1339.744	1323.725	1324.733	1322.717	C13
V30	2835.600	1288.744	1269.704	1267.712	1265.696	V12
R31	2991.721	1183.654	1167.635	1168.643	1166.628	R11
R32	3147.823	1027.553	1011.534	1012.542	1010.527	R10
K33	3275.918	871.452	855.433	856.441	854.425	K09
A34	3346.955	743.357	727.338	728.346	726.330	A08
S35	3433.887	672.320	656.301	657.309	655.293	S07
G36	3491.008	585.280	569.260	570.277	568.261	G06
P37	3568.061	528.266	512.248	513.256	511.240	P05
P38	3686.114	431.214	415.195	416.203	414.187	P04
V39	3784.182	334.161	318.142	319.150	317.134	V03
S40	3871.214	235.062	219.074	220.082	218.066	S02
E41	4000.257	148.060	132.043	133.050	131.034	E01

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.72
- ▶ F105343.dat
- ▶ query=q14493.p1
- ▶ precursor=801.055220
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	74.042	2001.124	1993.115	0.504	1992.611	S(41)
E2	138.503	1936.603	1928.583	0.504	1928.089	E(42)
A3	174.082	1872.001	1864.072	0.504	1863.568	A(30)
A4	209.600	1836.563	1828.553	0.504	1828.050	A(38)
F5	258.127	1801.044	1793.035	0.504	1792.531	F(37)
A16	283.888	1752.518	1744.509	0.504	1744.005	A(36)
A7	329.164	1718.990	1709.980	0.504	1709.486	A(35)
F8	377.600	1681.461	1673.451	0.504	1672.956	F(34)
A9	413.209	1632.934	1624.945	0.504	1624.441	A(33)
A10	448.727	1597.436	1589.426	0.504	1588.923	A(32)
A11	484.246	1561.917	1553.908	0.504	1553.404	A(31)
F12	532.972	1526.399	1518.389	0.504	1517.885	F(30)
F13	581.200	1477.872	1469.863	0.504	1469.359	F(29)
A14	630.817	1429.346	1421.337	0.504	1420.833	A(28)
E15	681.336	1393.827	1385.818	0.504	1385.314	E(27)
K16	745.306	1329.306	1321.297	1321.801	1320.793	K(28)
A17	780.824	1285.289	1257.249	1257.753	1256.745	A(25)
F18	829.433	1259.746	1251.737	1252.241	1251.227	F(24)
A19	884.946	1181.214	1173.204	1173.708	1172.700	A(23)
K20	928.997	1145.695	1137.686	1138.190	1137.182	K(22)
K21	993.044	1081.648	1073.638	1074.142	1073.134	K(21)
K22	1057.092	1017.600	1009.591	1010.095	1009.087	K(20)
A23	1092.718	953.063	945.543	946.047	945.039	A(19)
A24	1128.129	918.034	910.025	910.529	909.521	A(18)
K25	1192.176	882.516	874.506	875.010	874.002	K(17)
K26	1256.224	818.468	810.459	810.963	809.955	K(16)
F27	1304.750	754.421	746.411	746.915	745.907	F(15)
A28	1340.269	705.894	697.885	698.389	697.381	A(14)
G29	1368.790	670.376	662.366	662.870	661.862	G(13)
V30	1418.314	641.855	633.856	634.359	633.352	V(12)
R31	1496.304	602.331	584.321	584.825	583.817	R(11)
R32	1574.415	514.280	506.271	506.775	505.767	R(10)
K33	1638.462	436.230	428.220	428.724	427.716	K(9)
A34	1873.983	372.182	364.173	364.677	363.669	A(8)
S35	1717.497	336.664	328.654	329.158	328.150	S(7)
G36	1746.008	293.148	285.138	285.642	284.634	G(6)
F37	1784.534	264.637	256.627	257.131	256.124	F(5)
F38	1843.060	216.110	208.101	208.605	207.597	F(4)
V39	1892.595	187.584	159.575	160.079	159.071	V(3)
S40	1936.111	118.066	110.043	110.544	109.534	S(2)
E41	2000.832	74.534	66.524	67.028	66.021	E(1)

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.72
- ▶ F105343.dat
- ▶ query=q14493.p1
- ▶ precursor=801.055220
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1334.418	1329.879	0.672	1328.743	S[41]
E	2	92.711	1291.404	1286.065	0.672	1285.729	E[40]
A	3	116.390	1248.390	1243.050	0.672	1242.715	A[39]
A	4	140.069	1204.711	1219.371	0.672	1219.035	A[38]
P	5	172.420	1201.032	1195.992	0.672	1195.365	P[37]
A	6	199.099	1168.681	1163.341	0.672	1163.005	A[36]
A	7	219.778	1145.002	1139.662	0.672	1139.326	A[35]
P	8	252.120	1121.323	1115.983	0.672	1115.647	P[34]
A	9	274.808	1088.972	1083.632	0.672	1083.297	A[33]
A	10	299.487	1065.293	1059.953	0.672	1059.617	A[32]
A	11	323.166	1041.814	1036.274	0.672	1035.938	A[31]
P	12	353.177	1013.935	1012.595	0.672	1012.259	P[30]
P	13	387.898	985.584	980.244	0.672	979.908	P[29]
A	14	411.547	953.233	947.893	0.672	947.558	A[28]
E	15	454.561	929.554	924.214	0.672	923.879	E[27]
K	16	497.260	896.540	881.200	881.536	880.864	K[26]
A	17	520.939	843.842	838.502	838.838	838.166	A[25]
P	18	553.290	820.160	814.820	814.150	813.479	P[24]
A	19	576.999	787.812	782.472	782.808	782.136	A[23]
K	20	619.667	764.133	758.793	759.129	758.457	K[22]
K	21	662.365	721.434	716.095	716.431	715.759	K[21]
K	22	705.064	678.736	673.396	673.732	673.060	K[20]
A	23	728.743	636.038	630.698	631.034	630.362	A[19]
A	24	752.422	612.359	607.019	607.355	606.683	A[18]
K	25	795.120	588.679	583.340	583.676	583.004	K[17]
K	26	837.818	545.981	540.642	540.978	540.306	K[16]
P	27	870.169	503.283	497.943	498.279	497.607	P[15]
A	28	893.848	470.932	465.592	465.928	465.256	A[14]
G	29	912.895	447.263	441.923	442.249	441.577	G[13]
V	30	945.878	429.348	423.998	423.242	422.570	V[12]
R	31	997.912	395.223	389.883	390.219	389.547	R[11]
R	32	1049.946	343.180	337.850	338.186	337.514	R[10]
K	33	1092.644	291.159	285.819	286.152	285.480	K[9]
A	34	1116.323	248.457	243.118	243.454	242.782	A[8]
S	35	1145.334	224.778	219.439	219.775	219.103	S[7]
G	36	1164.341	199.761	194.422	194.758	194.086	G[6]
P	37	1198.092	175.760	171.421	171.757	171.085	P[5]
P	38	1229.043	144.400	139.070	139.406	138.734	P[4]
V	39	1262.066	112.050	106.719	107.055	106.383	V[3]
S	40	1291.076	79.030	73.696	74.032	73.360	S[2]
E	41	1334.090	50.025	44.685	45.021	44.349	E[1]

sp | P15864 | H12_MOUSE

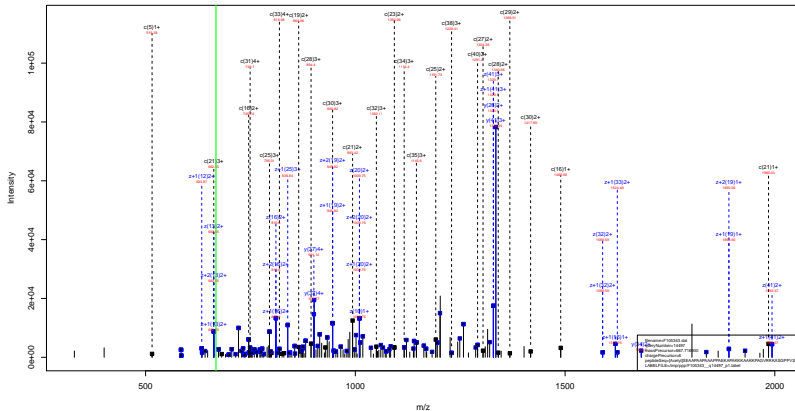
[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAACKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.72
- ▶ F105343.dat
- ▶ query=q14493_p1
- ▶ precursor=801.055220
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1001.066	997.061	0.755	996.809	S[41]
E	2	89.795	968.865	964.860	0.755	964.546	E[40]
A	3	87.544	936.864	932.540	0.755	932.268	A[39]
A	4	105.304	918.705	914.780	0.755	914.528	A[38]
P	5	129.567	901.026	897.021	0.755	896.769	P[37]
A	6	147.326	876.703	872.758	0.755	872.506	A[36]
A	7	165.086	859.003	854.999	0.755	854.747	A[35]
P	8	189.349	841.244	837.239	0.755	836.987	P[34]
A	9	207.108	816.981	812.976	0.755	812.724	A[33]
A	10	224.867	799.222	795.217	0.755	794.965	A[32]
A	11	242.627	781.462	777.458	0.755	777.206	A[31]
P	12	266.890	763.703	759.698	0.755	759.446	P[30]
P	13	291.153	739.440	735.435	0.755	735.183	P[29]
A	14	308.912	715.177	711.172	0.755	710.920	A[28]
E	15	341.173	697.417	693.413	0.755	693.161	E[27]
K	16	373.197	668.157	664.152	0.601	660.900	K[26]
A	17	390.956	633.133	629.128	0.629	628.876	A[25]
P	18	415.219	615.374	611.369	0.611	611.117	P[24]
A	19	432.978	591.110	587.105	0.587	586.854	A[23]
K	20	465.002	573.351	569.347	0.569	569.095	K[22]
K	21	497.026	541.327	537.323	0.537	537.071	K[21]
K	22	529.050	509.304	505.299	0.505	505.047	K[20]
A	23	546.809	477.280	473.275	0.473	473.023	A[19]
A	24	564.568	450.521	446.516	0.446	445.264	A[18]
K	25	596.592	442.761	437.757	0.438	437.505	K[17]
K	26	628.616	409.738	405.733	0.405	405.481	K[16]
P	27	652.879	377.714	373.709	0.373	373.457	P[15]
A	28	670.638	353.451	349.446	0.349	349.194	A[14]
G	29	684.893	335.691	331.687	0.331	331.435	G[13]
V	30	709.661	321.436	317.431	0.317	317.179	V[12]
R	31	748.680	296.669	292.664	0.292	292.412	R[11]
R	32	787.711	257.644	253.639	0.253	253.387	R[10]
K	33	819.735	218.618	214.614	0.214	214.362	K[9]
A	34	837.694	189.595	185.590	0.185	185.338	A[8]
S	35	859.252	158.835	154.831	0.154	154.579	S[7]
G	36	873.507	147.077	143.073	0.143	142.821	G[6]
P	37	897.771	132.822	128.817	0.129	128.565	P[5]
P	38	922.034	108.559	104.554	0.104	104.302	P[4]
V	39	946.801	84.296	80.291	0.80	80.039	V[3]
S	40	968.559	59.529	55.524	0.55	55.272	S[2]
E	41	1000.820	37.771	33.766	0.34	33.514	E[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAACKKPAGVRRKASGPPVSE



sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.62
- ▶ F105343.dat
- ▶ query=q14497.p1
- ▶ precursor=667.716900
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4001.241	8065.222	0.000	8984.214	S[41]
E	2	276.119	3072.195	6156.179	0.000	3855.172	E[42]
A	3	347.156	3743.156	3727.137	0.000	3726.120	A[30]
A	4	418.193	4672.118	9556.100	0.000	9555.090	A[38]
P	5	515.246	3601.081	3585.053	0.000	3584.055	P[37]
A	6	565.283	3954.129	3460.100	0.000	3467.200	A[36]
A	7	657.320	3432.991	3610.973	0.000	3415.965	A[35]
P	8	754.373	3361.054	3345.036	0.000	3344.926	P[34]
A	9	825.410	3364.903	3246.893	0.000	3247.875	A[33]
A	10	896.447	3193.864	3177.846	0.000	3176.838	A[32]
A	11	967.484	3122.827	3106.809	0.000	3105.801	A[31]
P	12	1054.521	3051.790	3035.771	0.000	3034.764	P[30]
P	13	1161.558	2954.737	2938.718	0.000	2937.711	P[29]
A	14	1232.627	2857.685	2841.666	0.000	2840.658	A[28]
E	15	1361.670	2786.648	2770.629	0.000	2769.621	E[27]
K	16	1489.765	2657.605	2641.586	2642.594	2640.578	K[26]
A	17	1560.802	2526.510	2513.491	2514.499	2512.483	A[25]
P	18	1657.854	2458.473	2442.454	2443.462	2441.446	P[24]
A	19	1728.892	2361.426	2345.407	2346.409	2344.394	A[23]
K	20	1856.886	2290.383	2274.364	2275.372	2273.356	K[22]
K	21	1985.081	2162.289	2146.269	2147.277	2145.261	K[21]
K	22	2113.176	2034.193	2018.174	2019.182	2017.167	K[20]
A	23	2164.214	1958.098	1890.079	1891.087	1889.071	A[19]
A	24	2255.251	1875.051	1859.032	1860.040	1858.024	A[18]
K	25	2383.346	1764.024	1748.005	1749.013	1746.997	K[17]
K	26	2511.441	1635.929	1619.910	1620.918	1618.902	K[16]
P	27	2608.493	1507.834	1491.815	1492.823	1490.807	P[15]
A	28	2679.530	1410.781	1394.762	1395.770	1393.754	A[14]
G	29	2726.562	1339.744	1323.725	1324.733	1322.717	G[13]
V	30	2835.620	1282.723	1266.704	1267.712	1265.696	V[12]
R	31	2991.721	1183.654	1167.635	1168.643	1166.628	R[11]
R	32	3147.823	1027.553	1011.534	1012.542	1010.527	R[10]
K	33	3275.916	871.452	855.433	856.441	854.425	K[9]
A	34	3368.958	743.357	727.338	728.346	726.330	A[8]
S	35	3433.987	672.320	656.301	657.309	655.293	S[7]
G	36	3491.008	585.288	569.269	570.277	568.261	G[6]
P	37	3588.061	626.266	512.248	513.256	511.240	P[5]
P	38	3685.114	431.214	415.195	416.203	414.187	P[4]
V	39	3784.162	334.161	318.142	319.150	317.134	V[3]
S	40	3871.214	238.092	219.073	220.081	218.065	S[2]
E	41	4000.257	148.060	132.042	133.050	131.034	E[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.62
- ▶ F105343.dat
- ▶ query=q14497.p1
- ▶ precursor=667.716900
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	74.093	2001.124	1993.115	0.504	1992.611	S[41]
E1	138.503	1938.603	1928.593	0.504	1928.090	E[42]
A1	174.082	1872.081	1864.072	0.504	1863.566	A[30]
A1	209.600	1836.563	1828.553	0.504	1828.050	A[38]
F1	258.127	1801.044	1793.035	0.504	1792.531	F[37]
A1	283.889	1752.518	1744.509	0.504	1744.005	A[36]
A1	329.164	1718.990	1708.980	0.504	1708.480	A[35]
F1	377.600	1681.481	1673.471	0.504	1672.966	F[34]
A1	413.209	1632.954	1624.945	0.504	1624.441	A[33]
A1	448.727	1597.426	1589.426	0.504	1588.923	A[32]
A1	484.246	1561.897	1553.888	0.504	1553.404	A[31]
F1	532.972	1528.369	1520.360	0.504	1519.858	F[30]
F1	581.200	1477.872	1469.863	0.504	1469.359	F[29]
A1	630.817	1429.340	1421.330	0.504	1420.833	A[28]
E1	681.338	1393.827	1385.818	0.504	1385.314	E[27]
K1	745.386	1329.306	1321.297	1321.801	1320.793	K[28]
A1	780.904	1298.279	1257.249	1257.753	1266.745	A[25]
F1	829.431	1229.740	1221.731	1222.235	1221.227	F[24]
A1	864.949	1181.214	1173.204	1173.708	1172.700	A[23]
K1	928.997	1145.695	1137.686	1138.190	1137.182	K[22]
K1	993.044	1081.648	1073.638	1074.142	1073.134	K[21]
K1	1057.092	1017.600	1009.591	1010.095	1009.087	K[20]
A1	1092.610	953.553	943.543	944.047	945.039	A[19]
A1	1158.159	918.024	910.025	910.529	911.521	A[18]
K1	1192.176	882.516	874.506	875.010	874.002	K[17]
K1	1256.224	818.468	810.459	810.963	809.955	K[16]
F1	1304.750	754.421	746.411	746.915	745.907	F[15]
A1	1340.269	705.894	697.885	698.389	697.381	A[14]
G1	1368.780	670.376	662.366	662.870	661.862	G[13]
V1	1418.314	641.865	633.856	634.359	633.352	V[12]
R1	1486.904	602.331	584.321	584.825	583.817	R[11]
R1	1578.415	574.280	566.271	566.775	565.767	R[10]
K1	1638.462	436.230	428.220	428.724	427.716	K[9]
A1	1673.981	372.182	364.173	364.677	363.669	A[8]
S1	1717.497	308.604	300.594	301.098	300.090	S[7]
G1	1746.008	293.148	285.138	285.642	284.634	G[6]
F1	1784.534	264.617	256.607	257.111	256.103	F[5]
F1	1843.060	216.110	208.101	208.605	207.597	F[4]
V1	1882.595	167.584	159.575	160.079	159.071	V[3]
S1	1938.314	118.096	110.087	110.591	109.583	S[2]
E1	2000.832	74.534	66.524	67.028	66.021	E[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.62
- ▶ F105343.dat
- ▶ query=q14497.p1
- ▶ precursor=667.716900
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1334.418	1329.879	0.672	1328.743	S[41]
E	2	92.711	1291.404	1286.065	0.672	1285.720	E[40]
A	3	116.390	1248.390	1243.050	0.672	1242.715	A[39]
A	4	140.069	1204.711	1200.371	0.672	1200.035	A[38]
P	5	172.420	1261.032	1195.602	0.672	1195.355	P[37]
A	6	199.099	1168.681	1163.341	0.672	1163.006	A[36]
A	7	219.778	1145.002	1139.602	0.672	1139.326	A[35]
P	8	252.120	1121.323	1115.983	0.672	1115.647	P[34]
A	9	274.808	1088.972	1083.632	0.672	1083.297	A[33]
A	10	299.487	1065.293	1059.953	0.672	1059.617	A[32]
A	11	323.166	1041.814	1036.274	0.672	1035.938	A[31]
P	12	353.177	1017.935	1013.595	0.672	1012.259	P[30]
P	13	387.898	985.584	980.244	0.672	979.908	P[29]
A	14	411.547	953.233	947.893	0.672	947.558	A[28]
E	15	454.561	929.354	924.214	0.672	923.879	E[27]
K	16	497.260	896.540	881.200	881.536	880.864	K[26]
A	17	520.939	843.842	838.502	838.838	838.166	A[25]
P	18	553.290	820.190	814.850	813.159	811.469	P[24]
A	19	576.999	787.812	782.472	782.808	782.136	A[23]
K	20	619.667	764.133	758.793	759.129	758.457	K[22]
K	21	662.365	721.434	716.095	716.431	715.759	K[21]
K	22	705.064	678.730	673.396	673.732	673.060	K[20]
A	23	728.743	636.030	630.690	631.034	630.362	A[19]
A	24	752.422	612.359	607.019	607.355	606.683	A[18]
K	25	795.120	588.679	583.340	583.676	583.004	K[17]
K	26	837.818	545.981	540.642	540.978	540.306	K[16]
P	27	870.169	503.263	497.943	498.279	497.607	P[15]
A	28	893.848	470.932	465.592	465.928	465.256	A[14]
G	29	927.859	447.263	441.923	442.249	441.577	G[13]
V	30	945.878	420.340	423.668	423.242	422.570	V[12]
R	31	997.912	395.223	389.883	390.219	389.547	R[11]
R	32	1049.946	343.180	337.850	338.186	337.514	R[10]
K	33	1092.644	291.159	285.816	286.152	285.480	K[9]
A	34	1116.323	248.457	243.118	243.454	242.782	A[8]
S	35	1145.334	224.778	219.439	219.775	219.103	S[7]
G	36	1164.841	199.767	198.428	198.764	198.092	G[6]
P	37	1198.692	175.760	171.421	171.757	171.085	P[5]
P	38	1229.043	144.400	139.070	139.406	138.734	P[4]
V	39	1262.866	112.050	106.719	107.055	106.383	V[3]
S	40	1291.676	79.030	73.696	74.032	73.360	S[2]
E	41	1334.090	50.025	44.685	45.021	44.349	E[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAACKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.62
- ▶ F105343.dat
- ▶ query=q14497.p1
- ▶ precursor=667.716900
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1001.066	997.061	0.735	996.309	S[41]
E[2]	69.785	995.407	964.800	0.735	964.548	E[40]
A[3]	87.544	935.544	932.540	0.735	932.288	A[39]
A[4]	105.304	918.788	914.780	0.735	914.528	A[38]
P[5]	129.567	901.026	897.021	0.735	896.769	P[37]
A[6]	147.326	878.763	872.758	0.735	872.506	A[36]
A[7]	165.086	859.003	854.999	0.735	854.747	A[35]
P[8]	189.549	841.244	837.239	0.735	836.987	P[34]
A[9]	207.308	816.983	812.976	0.735	812.724	A[33]
A[10]	224.887	799.222	795.717	0.735	794.965	A[32]
A[11]	242.627	781.462	777.458	0.735	777.206	A[31]
P[12]	266.890	763.703	759.698	0.735	759.446	P[30]
P[13]	291.153	739.440	735.435	0.735	735.183	P[29]
A[14]	308.912	715.177	711.172	0.735	710.920	A[28]
E[15]	341.173	697.417	693.413	0.735	693.161	E[27]
K[16]	373.197	665.157	661.152	661.404	660.900	K[26]
A[17]	390.956	633.133	629.128	629.380	628.876	A[25]
P[18]	415.219	615.373	611.369	611.621	611.117	P[24]
A[19]	432.978	591.113	587.108	587.358	586.854	A[23]
K[20]	465.002	573.351	569.347	569.598	569.095	K[22]
K[21]	497.026	541.237	537.232	537.479	537.071	K[21]
K[22]	529.050	509.304	505.299	505.551	505.047	K[20]
A[23]	546.809	477.280	473.275	473.527	473.023	A[19]
A[24]	564.568	459.521	455.516	455.768	455.264	A[18]
K[25]	596.592	441.761	437.757	438.009	437.505	K[17]
K[26]	628.616	409.738	405.733	405.985	405.481	K[16]
E[27]	662.879	377.714	373.709	373.961	373.457	E[15]
A[28]	670.538	353.451	349.446	349.698	349.194	A[14]
G[29]	684.893	335.691	331.687	331.939	331.435	G[13]
V[30]	709.661	321.436	317.431	317.683	317.179	V[12]
R[31]	748.686	296.669	292.664	292.916	292.412	R[11]
R[32]	787.711	257.644	253.639	253.891	253.387	R[10]
K[33]	819.735	218.618	214.614	214.866	214.362	K[9]
A[34]	837.494	198.595	192.590	192.842	192.338	A[8]
S[35]	869.252	168.833	164.831	165.083	164.579	S[7]
G[36]	873.507	147.077	143.073	143.325	142.821	G[6]
P[37]	897.771	132.822	128.817	129.069	128.565	P[5]
P[38]	922.034	108.559	104.554	104.806	104.302	P[4]
V[39]	946.801	84.296	80.291	80.543	80.039	V[3]
S[40]	968.559	59.529	55.524	55.776	55.272	S[2]
E[41]	1000.820	37.771	33.766	34.018	33.514	E[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.62
- ▶ F105343.dat
- ▶ query=q14497_p1
- ▶ precursor=667.716900
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	301.054	797.850	0.806	797.649	S[41]
E[2]	56.030	775.245	772.042	0.806	771.840	E[40]
A[3]	70.237	749.437	746.233	0.806	746.032	A[39]
A[4]	84.444	735.230	732.026	0.806	731.824	A[38]
P[5]	103.855	721.022	717.818	0.806	717.617	P[37]
A[6]	118.062	701.612	698.408	0.806	698.206	A[36]
A[7]	132.270	687.404	684.200	0.806	683.999	A[35]
P[8]	151.680	673.197	669.993	0.806	669.791	P[34]
A[9]	165.888	653.786	650.582	0.806	650.381	A[33]
A[10]	180.095	639.579	636.375	0.806	636.173	A[32]
A[11]	194.303	625.371	622.168	0.806	621.966	A[31]
P[12]	213.713	611.164	607.960	0.806	607.759	P[30]
P[13]	233.124	591.753	588.550	0.806	588.348	P[29]
A[14]	247.331	572.343	569.139	0.806	568.937	A[28]
E[15]	273.140	558.135	554.932	0.806	554.730	E[27]
K[16]	298.759	532.327	529.123	529.325	528.922	K[26]
A[17]	312.966	508.706	503.504	503.706	503.303	A[25]
P[18]	332.377	492.500	489.297	489.498	489.095	P[24]
A[19]	346.584	473.090	469.888	470.089	469.686	A[23]
K[20]	372.203	458.882	455.679	455.880	455.477	K[22]
K[21]	397.822	433.263	430.060	430.261	429.858	K[21]
K[22]	423.441	407.644	404.441	404.642	404.239	K[20]
A[23]	437.649	382.025	378.822	379.023	378.620	A[19]
A[24]	451.856	367.818	364.614	364.816	364.413	A[18]
K[25]	477.475	353.611	350.407	350.608	350.205	K[17]
K[26]	503.094	327.992	324.788	324.989	324.586	K[16]
P[27]	522.504	302.373	299.169	299.370	298.967	P[15]
A[28]	536.712	282.962	279.758	279.959	279.557	A[14]
G[29]	548.116	268.755	265.551	265.752	265.349	G[13]
V[30]	567.930	257.350	254.147	254.348	253.945	V[12]
R[31]	599.150	237.537	234.333	234.534	234.131	R[11]
R[32]	630.370	206.318	203.113	203.314	202.911	R[10]
K[33]	695.989	175.096	171.892	172.094	171.691	K[9]
A[34]	670.197	149.477	146.273	146.475	146.072	A[8]
S[35]	687.603	135.270	132.066	132.268	131.864	S[7]
G[36]	699.007	117.863	114.660	114.861	114.458	G[6]
P[37]	718.418	106.459	103.255	103.457	103.054	P[5]
P[38]	737.829	87.049	83.845	84.046	83.643	P[4]
V[39]	757.643	87.638	84.434	84.636	84.233	V[3]
S[40]	775.049	47.824	44.621	44.822	44.419	S[2]
E[41]	800.857	30.418	27.214	27.416	27.013	E[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAACKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.71
- ▶ F105343.dat
- ▶ query=q14498.p1
- ▶ precursor=801.059100
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S	147.076	4001.243	3025.222	0.000	3054.214	S41
E	276.119	3872.198	3856.179	0.000	3855.172	E40
A	347.156	3743.156	3727.137	0.000	3726.129	A39
A	418.193	3672.118	3656.100	0.000	3655.092	A38
F	515.246	3601.081	3585.063	0.000	3584.055	F37
A	599.283	3504.029	3488.010	0.000	3487.002	A36
A	657.320	3432.992	3416.973	0.000	3415.965	A35
P	754.373	3361.954	3345.936	0.000	3344.928	P34
A	825.410	3284.907	3268.888	0.000	3267.879	A33
A	896.447	3193.864	3177.846	0.000	3176.838	A32
A	967.484	3122.827	3106.809	0.000	3105.801	A31
P	1064.537	3051.796	3035.771	0.000	3034.764	P30
F	1161.590	2954.737	2938.719	0.000	2937.711	F29
A	1232.627	2857.685	2841.666	0.000	2840.658	A28
E	1361.670	2786.648	2770.629	0.000	2769.621	E27
K	1489.765	2657.605	2641.586	2642.594	2640.578	K26
A	1560.802	2526.510	2513.491	2514.499	2512.483	A25
P	1678.854	2458.473	2442.454	2443.462	2441.446	P24
A	1728.892	2361.420	2345.401	2346.409	2344.394	A23
K	1856.986	2290.383	2274.364	2275.372	2273.356	K22
K	1965.031	2162.288	2146.269	2147.277	2145.261	K21
K	2113.176	2034.193	2018.174	2019.182	2017.167	K20
A	2164.214	1906.098	1890.079	1891.087	1889.072	A19
A	2255.251	1835.051	1819.032	1820.039	1818.024	A18
K	2361.346	1764.005	1748.005	1749.013	1747.997	K17
K	2511.441	1635.920	1619.910	1620.918	1618.902	K16
P	2608.493	1507.834	1491.815	1492.823	1490.807	P15
C	2679.530	1410.781	1394.762	1395.770	1393.755	A14
C	2736.562	1339.744	1323.725	1324.733	1322.718	C13
V	2835.600	1248.692	1266.704	1267.712	1265.696	V12
R	2991.721	1183.654	1167.635	1168.643	1166.628	R11
R	3147.823	1027.615	1011.534	1012.542	1010.527	R10
K	3275.918	871.452	855.431	856.441	854.425	K9
A	3346.955	743.357	727.338	728.346	726.330	A8
S	3433.887	792.320	658.301	659.309	655.293	S7
G	3481.008	585.288	569.269	570.277	566.261	G6
P	3588.061	528.250	512.248	513.256	511.240	P5
F	3685.114	431.214	415.195	416.203	414.187	F4
V	3784.182	334.161	318.142	319.150	317.134	V3
S	3871.214	235.082	219.074	220.082	218.066	S2
E	4005.257	148.066	132.042	133.050	131.034	E1

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.71
- ▶ F105343.dat
- ▶ query=q14498.p1
- ▶ precursor=801.059100
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	74.042	2001.124	1993.115	0.504	1893.811	S(41)
E2	138.503	1936.603	1928.583	0.504	1928.089	E(42)
A3	174.082	1872.001	1864.072	0.504	1863.566	A(30)
A4	209.600	1836.563	1828.553	0.504	1828.050	A(38)
P5	258.127	1801.044	1793.035	0.504	1792.531	P(37)
A16	283.889	1762.518	1744.509	0.504	1744.005	A(36)
A7	329.164	1718.990	1708.990	0.504	1708.486	A(35)
P8	377.600	1681.461	1673.451	0.504	1672.956	P(34)
A9	413.209	1632.964	1624.945	0.504	1624.441	A(33)
A10	448.727	1597.436	1589.420	0.504	1588.923	A(32)
A11	484.246	1561.917	1553.908	0.504	1553.404	A(31)
P12	532.972	1526.399	1518.389	0.504	1517.885	P(30)
P13	581.200	1487.872	1480.863	0.504	1480.359	P(29)
A14	630.817	1452.340	1421.337	0.504	1420.833	A(28)
E15	681.338	1393.827	1385.818	0.504	1385.314	E(27)
K16	745.306	1329.306	1321.297	1321.801	1320.793	K(28)
A17	780.824	1298.299	1257.249	1257.753	1266.745	A(25)
P18	829.433	1229.740	1221.731	1222.235	1221.729	P(24)
A19	884.946	1181.214	1173.204	1173.708	1172.700	A(23)
K20	928.997	1145.695	1137.686	1138.190	1137.182	K(22)
K21	993.044	1081.648	1073.638	1074.142	1073.134	K(21)
K22	1057.092	1037.600	1009.591	1010.095	1009.087	K(20)
A23	1092.610	953.553	945.543	946.047	945.039	A(19)
A24	1128.129	918.024	910.015	910.519	910.013	A(18)
K25	1192.176	882.516	874.506	875.010	874.002	K(17)
K26	1256.224	818.468	810.459	810.963	809.955	K(16)
P27	1304.750	754.421	746.411	746.915	745.907	P(15)
A28	1340.269	705.894	697.885	698.389	697.381	A(14)
G29	1368.780	670.376	662.366	662.870	661.862	G(13)
V30	1418.314	641.805	633.856	634.359	633.352	V(12)
R31	1496.364	602.331	584.321	584.825	583.817	R(11)
R32	1574.415	514.260	506.271	506.775	505.767	R(10)
K33	1638.462	436.230	428.220	428.724	427.716	K(9)
A34	1873.983	372.182	364.173	364.677	363.669	A(8)
S35	1717.497	336.664	328.654	329.158	328.150	S(7)
G36	1746.008	293.148	285.138	285.642	284.634	G(6)
P37	1784.534	264.617	256.627	257.131	256.124	P(5)
P38	1843.060	216.110	208.101	208.605	207.597	P(4)
V39	1882.595	187.584	159.575	160.079	159.071	V(3)
S40	1938.311	118.066	110.043	110.544	109.535	S(2)
E41	2000.832	74.534	66.524	67.028	66.021	E(1)

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAAKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.71
- ▶ F105343.dat
- ▶ query=q14498.p1
- ▶ precursor=801.059100
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1334.418	1329.879	0.672	1325.743	S 41
E 2	92.711	1291.404	1286.065	0.672	1285.729	E 40
A 3	116.390	1248.390	1243.050	0.672	1242.715	A 39
A 4	140.069	1224.711	1219.371	0.672	1219.035	A 38
P 5	172.420	1201.032	1195.892	0.672	1195.366	P 37
A 6	199.099	1159.991	1153.361	0.672	1153.005	A 36
A 7	219.778	1145.002	1139.662	0.672	1139.326	A 35
P 8	252.120	1121.323	1115.983	0.672	1115.647	P 34
A 9	274.808	1089.972	1083.632	0.672	1083.297	A 33
A 10	299.487	1065.293	1059.953	0.672	1059.617	A 32
A 11	323.166	1041.614	1036.274	0.672	1035.938	A 31
P 12	353.117	1017.935	1012.695	0.672	1012.359	P 30
P 13	387.898	985.584	980.244	0.672	979.908	P 29
A 14	411.547	953.233	947.893	0.672	947.558	A 28
E 15	454.561	929.554	924.214	0.672	923.879	E 27
K 16	497.260	896.540	881.200	881.536	880.864	K 26
A 17	520.939	843.842	838.502	838.838	838.166	A 25
P 18	553.290	820.162	814.821	813.159	811.497	P 24
A 19	576.999	787.812	782.472	782.808	782.136	A 23
K 20	619.667	764.133	758.793	759.129	758.451	K 22
K 21	662.365	721.434	716.095	716.431	715.759	K 21
K 22	705.064	678.736	673.396	673.732	673.060	K 20
A 23	728.743	636.038	630.698	631.034	630.362	A 19
A 24	752.422	612.359	607.019	607.355	606.683	A 18
K 25	795.120	588.679	583.340	583.676	583.004	K 17
K 26	837.818	545.981	540.642	540.978	540.306	K 16
P 27	870.169	503.283	497.943	498.279	497.607	P 15
A 28	893.848	470.932	465.592	465.928	465.256	A 14
G 29	912.895	447.263	441.923	442.249	441.577	G 13
V 30	945.878	429.344	423.998	423.242	422.576	V 12
R 31	997.912	395.223	389.883	390.219	389.547	R 11
R 32	1049.546	343.180	337.850	338.186	337.514	R 10
K 33	1092.644	291.159	285.816	286.152	285.480	K 9
A 34	1116.323	249.457	243.118	243.454	242.782	A 8
S 35	1145.334	224.778	218.439	218.775	218.103	S 7
G 36	1164.841	199.761	193.428	193.764	193.092	G 6
P 37	1198.692	175.760	171.421	171.757	171.085	P 5
P 38	1229.043	144.400	139.070	139.406	138.734	P 4
V 39	1262.066	112.050	106.719	107.055	106.383	V 3
S 40	1291.076	79.030	73.696	74.032	73.360	S 2
E 41	1334.090	50.025	44.685	45.021	44.349	E 1

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKKKAACKKPAGVRRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.71
- ▶ F105343.dat
- ▶ query=q14498_p1
- ▶ precursor=801.059100
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1001.066	997.061	0.755	996.809	S[41]
E	2	89.795	965.805		0.755	864.549	E[40]
A	3	87.544	936.844	932.540	0.755	932.288	A[39]
A	4	105.304	918.705	914.780	0.755	914.528	A[38]
P	5	129.567	901.026	897.021	0.755	896.769	P[37]
A	6	147.326	876.703	872.758	0.755	872.506	A[36]
A	7	165.086	859.003	854.999	0.755	854.747	A[35]
P	8	189.349	841.244	837.239	0.755	836.987	P[34]
A	9	207.108	816.981	812.976	0.755	812.724	A[33]
A	10	224.867	799.222	795.217	0.755	794.965	A[32]
A	11	242.627	781.462	777.458	0.755	777.206	A[31]
P	12	266.890	763.703	759.698	0.755	759.446	P[30]
P	13	291.153	739.440	735.435	0.755	735.183	P[29]
A	14	308.912	715.177	711.172	0.755	710.920	A[28]
E	15	341.173	697.417	693.413	0.755	693.161	E[27]
K	16	373.197	665.157	661.152	0.601	660.900	K[26]
A	17	390.956	633.133	629.128	0.629	628.876	A[25]
P	18	415.219	615.374	611.369	0.113	611.117	P[24]
A	19	432.978	591.110	587.106	0.587	586.854	A[23]
K	20	465.002	573.351	569.347	0.569	569.095	K[22]
K	21	497.026	541.327	537.323	0.537	537.071	K[21]
K	22	529.050	509.304	505.299	0.505	505.047	K[20]
A	23	546.809	477.280	473.275	0.473	473.023	A[19]
A	24	564.568	450.521	445.516	0.445	445.264	A[18]
K	25	596.592	445.761	437.757	0.438	438.509	K[17]
K	26	628.616	409.738	405.733	0.405	405.481	K[16]
P	27	652.879	377.714	373.709	0.373	373.457	P[15]
A	28	670.638	353.451	349.446	0.349	349.194	A[14]
G	29	684.893	335.691	331.687	0.331	331.435	G[13]
V	30	709.661	321.436	317.431	0.317	317.179	V[12]
R	31	748.680	296.669	292.664	0.292	292.412	R[11]
R	32	787.711	257.644	253.639	0.253	253.387	R[10]
K	33	819.735	218.618	214.614	0.214	214.362	K[9]
A	34	837.494	189.595	185.590	0.185	185.338	A[8]
S	35	859.252	158.835	154.831	0.154	154.579	S[7]
G	36	873.507	147.077	143.073	0.143	142.821	G[6]
P	37	897.771	132.822	128.817	0.129	128.565	P[5]
P	38	922.034	108.559	104.554	0.104	104.302	P[4]
V	39	946.801	84.296	80.291	0.080	80.039	V[3]
S	40	968.559	59.529	55.524	0.055	55.272	S[2]
E	41	1000.820	37.771	33.766	0.033	33.514	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.92
- ▶ F105343.dat
- ▶ query=q14524.p1
- ▶ precursor=811.054270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4051.241	4035.222	0.000	4034.215	S(41)
E	2	276.119	3022.195	3006.180	0.000	3005.172	E(42)
T	3	377.187	3793.156	3777.137	0.000	3776.120	T(39)
A	4	448.204	3692.108	3676.090	0.000	3675.082	A(38)
P	5	545.257	3021.071	3005.052	0.000	3004.045	P(37)
A	6	618.204	3024.018	3008.000	0.000	3007.992	A(36)
A	7	687.311	3452.981	3436.963	0.000	3435.955	A(35)
P	8	794.384	3181.044	3165.025	0.000	3164.018	P(34)
A	9	895.421	3184.001	3168.013	0.000	3167.885	A(33)
A	10	926.458	3213.854	3197.830	0.000	3196.820	A(32)
P	11	1023.511	3142.817	3126.798	0.000	3125.791	P(31)
A	12	1094.568	3026.784	3020.748	0.000	3019.738	A(30)
P	13	1191.600	3074.727	3058.700	0.000	3057.703	P(29)
A	14	1262.638	2877.674	2861.656	0.000	2860.646	A(28)
E	15	1361.680	2806.637	2790.619	0.000	2789.611	E(27)
K	16	1519.775	2877.595	2861.578	2662.584	2660.568	K(26)
T	17	1620.823	2549.560	2533.483	2434.489	2432.473	T(25)
P	18	1717.876	2648.625	2632.433	2433.443	2431.426	P(24)
V	19	1816.944	2351.369	2335.381	2336.388	2334.373	V(23)
K	20	1945.039	2352.331	2336.312	2237.320	2235.304	K(22)
K	21	2073.134	2124.236	2108.217	2109.225	2107.209	K(21)
K	22	2201.229	1996.141	1980.122	1981.130	1979.114	K(20)
A	23	2272.268	1868.046	1852.027	1853.035	1851.020	A(19)
R	24	2426.367	1797.020	1780.990	1781.998	1779.982	R(18)
K	25	2556.462	1640.908	1624.889	1625.897	1623.881	K(17)
A	26	2627.499	1512.813	1496.794	1497.802	1495.788	A(16)
A	27	2698.536	1441.776	1425.757	1426.765	1424.749	A(15)
G	28	2765.558	1370.789	1354.720	1355.728	1353.712	G(14)
G	29	2812.579	1313.721	1297.668	1298.676	1296.660	G(13)
A	30	2883.616	1256.666	1240.617	1241.685	1239.669	A(12)
K	31	3011.711	1185.659	1169.640	1170.648	1168.632	K(11)
R	32	3187.812	1057.564	1041.545	1042.553	1040.537	R(10)
K	33	3295.907	901.463	885.444	886.452	884.436	K(9)
T	34	3368.928	773.368	757.348	758.357	756.341	T(8)
S	35	3483.987	672.320	656.301	657.309	655.293	S(7)
G	36	3541.009	585.288	569.269	570.277	568.261	G(6)
P	37	3638.061	628.266	612.248	613.256	611.240	P(5)
P	38	3735.114	431.214	415.195	416.203	414.187	P(4)
V	39	3834.162	334.161	318.142	319.150	317.134	V(3)
S	40	3931.214	238.092	219.073	220.082	218.066	S(2)
E	41	4050.257	148.060	132.042	133.050	131.034	E(1)

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.92
- ▶ F105343.dat
- ▶ query=q14524.p1
- ▶ precursor=811.054270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.043	2026.124	2018.135	0.504	2017.611	S(41)
E	2	135.553	1961.603	1953.594	0.504	1953.090	E(42)
T	3	189.087	1897.082	1889.072	0.504	1888.566	T(39)
A	4	224.606	1846.558	1838.548	0.504	1838.044	A(38)
P	5	273.132	1811.039	1803.030	0.504	1802.526	P(37)
A	6	308.880	1782.513	1774.503	0.504	1774.000	A(36)
A	7	344.159	1726.994	1718.985	0.504	1718.481	A(35)
P	8	392.695	1691.476	1683.466	0.504	1682.962	P(34)
A	9	438.214	1642.949	1634.940	0.504	1634.436	A(33)
A	10	463.733	1607.431	1599.421	0.504	1598.917	A(32)
P	11	512.259	1571.912	1563.903	0.504	1563.399	P(31)
A	12	547.777	1528.396	1515.376	0.504	1514.873	A(30)
P	13	596.304	1487.867	1479.858	0.504	1479.354	P(29)
A	14	631.822	1439.341	1431.332	0.504	1430.828	A(28)
E	15	666.344	1403.822	1395.813	0.504	1395.309	E(27)
K	16	700.301	1339.301	1331.292	1331.796	1330.788	K(26)
T	17	810.815	1275.264	1267.244	1267.748	1266.740	T(25)
P	18	859.443	1224.736	1216.727	1217.231	1216.226	P(24)
V	19	908.976	1176.203	1168.194	1168.698	1167.693	V(23)
K	20	973.023	1126.669	1118.660	1119.164	1118.158	K(22)
K	21	1037.071	1052.622	1054.612	1055.116	1054.108	K(21)
K	22	1101.118	998.574	990.565	991.069	990.063	K(20)
A	23	1136.637	954.527	946.517	947.021	946.015	A(19)
R	24	1214.687	869.020	890.999	891.503	890.497	R(18)
K	25	1278.735	820.958	812.948	813.452	812.444	K(17)
A	26	1314.253	756.910	748.901	749.405	748.397	A(16)
A	27	1349.772	721.362	713.352	713.856	712.850	A(15)
C	28	1378.263	685.872	677.864	678.368	677.360	C(14)
C	29	1406.793	657.362	649.353	649.857	648.849	C(13)
A	30	1442.312	628.852	620.842	621.346	620.339	A(12)
K	31	1506.359	593.333	585.324	585.827	584.820	K(11)
R	32	1584.410	529.285	521.276	521.780	520.772	R(10)
K	33	1648.457	451.235	443.226	443.729	442.722	K(9)
T	34	1688.984	387.187	379.178	379.682	378.675	T(8)
S	35	1742.497	336.664	328.654	329.158	328.151	S(7)
G	36	1771.008	293.148	285.138	285.642	284.634	G(6)
P	37	1819.534	264.637	256.627	257.131	256.124	P(5)
F	38	1868.061	216.110	208.101	208.605	207.597	F(4)
V	39	1917.295	167.584	159.575	160.079	159.071	V(3)
S	40	1961.111	118.066	110.043	110.544	109.535	S(2)
E	41	2025.632	74.534	66.524	67.028	66.021	E(1)

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.92
- ▶ F105343.dat
- ▶ query=q14524_p1
- ▶ precursor=811.054270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1351.085	1345.746	0.672	1345.410	S[41]
E	2	92.711	1308.071	1302.731	0.672	1302.396	E[40]
T	3	126.394	1265.057	1259.717	0.672	1259.381	T[39]
A	4	150.073	1231.374	1226.035	0.672	1225.699	A[38]
P	5	184.424	1207.695	1202.354	0.672	1202.020	P[37]
A	6	208.103	1175.344	1170.005	0.672	1169.669	A[36]
A	7	229.782	1151.065	1146.326	0.672	1145.990	A[35]
P	8	262.133	1127.986	1122.647	0.672	1122.311	P[34]
A	9	285.812	1095.835	1090.296	0.672	1089.960	A[33]
A	10	309.491	1071.950	1066.617	0.672	1066.281	A[32]
P	11	341.842	1048.277	1042.938	0.672	1042.602	P[31]
A	12	365.521	1024.392	1019.867	0.672	1019.251	A[30]
P	13	397.872	992.241	986.908	0.672	986.572	P[29]
A	14	421.551	959.896	954.557	0.672	954.221	A[28]
E	15	464.565	936.217	930.878	0.672	930.542	E[27]
K	16	507.263	893.201	887.864	888.199	887.528	K[26]
T	17	540.946	890.585	845.165	845.501	844.829	T[25]
P	18	574.297	835.827	831.483	831.819	831.147	P[24]
V	19	606.320	784.471	779.132	779.468	778.796	V[23]
K	20	649.018	751.449	746.109	746.445	745.773	K[22]
K	21	691.716	708.750	703.411	703.747	703.075	K[21]
K	22	734.414	666.052	660.712	661.048	660.376	K[20]
A	23	758.094	623.354	618.014	618.350	617.678	A[19]
R	24	810.127	590.874	584.335	584.671	583.999	R[18]
K	25	852.826	547.641	542.301	542.637	541.965	K[17]
A	26	876.505	504.842	499.503	499.839	499.167	A[16]
A	27	900.184	461.263	475.924	476.260	475.588	A[15]
G	28	919.191	457.584	452.245	452.581	451.909	G[14]
G	29	938.198	438.577	433.238	433.574	432.902	G[13]
A	30	961.877	419.570	414.231	414.566	413.894	A[12]
K	31	1004.575	395.891	390.551	390.887	390.215	K[11]
R	32	1056.609	353.193	347.853	348.189	347.517	R[10]
K	33	1099.307	301.159	295.819	296.155	295.483	K[9]
T	34	1132.990	258.461	253.121	253.457	252.785	T[8]
S	35	1162.801	224.778	219.438	219.774	219.102	S[7]
G	36	1183.068	199.761	194.421	194.756	194.084	G[6]
P	37	1213.359	175.760	171.421	171.757	171.085	P[5]
P	38	1245.710	144.400	139.070	139.406	138.734	P[4]
V	39	1278.732	112.050	106.710	107.045	106.373	V[3]
S	40	1307.743	79.030	73.696	74.032	73.360	S[2]
E	41	1350.757	50.025	44.685	45.021	44.349	E[1]

sp | P43274 | H14_MOUSE

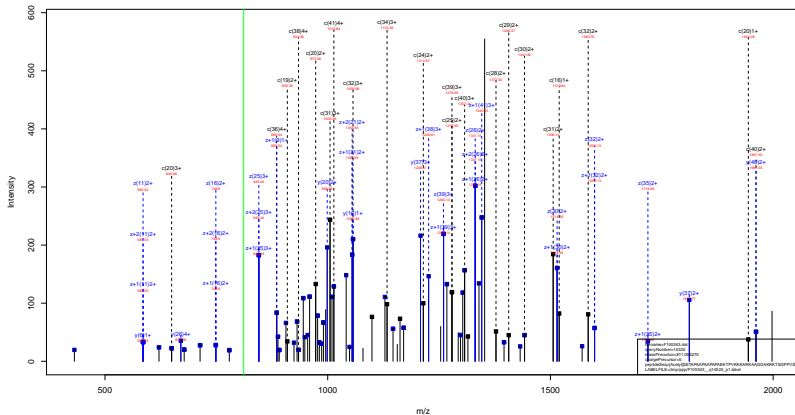
[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.92
- ▶ F105343.dat
- ▶ query=q14524.p1
- ▶ precursor=811.054270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1013.566	1009.561	0.755	1009.309	S[41]
E	2	69.785	981.305	977.300	0.755	977.048	E[40]
T	3	95.047	949.044	945.040	0.755	944.788	T[39]
A	4	112.806	923.781	919.776	0.755	919.526	A[38]
P	5	137.070	906.023	902.019	0.755	901.761	P[37]
A	6	154.829	881.760	877.755	0.755	877.501	A[36]
A	7	172.588	864.001	859.996	0.755	859.744	A[35]
P	8	196.851	846.241	842.237	0.755	841.985	P[34]
A	9	214.611	821.979	817.974	0.755	817.722	A[33]
A	10	232.370	804.219	800.214	0.755	799.962	A[32]
P	11	256.633	786.460	782.455	0.755	782.203	P[31]
A	12	274.392	769.197	765.192	0.755	764.940	A[30]
P	13	298.656	744.431	740.433	0.755	740.181	P[29]
A	14	316.415	720.174	716.169	0.755	715.917	A[28]
E	15	348.675	702.415	698.410	0.755	698.158	E[27]
K	16	380.699	670.154	666.149	0.666	665.898	K[26]
T	17	405.961	638.130	634.126	0.634	633.874	T[25]
P	18	430.224	612.866	608.864	0.609	608.612	P[24]
V	19	454.991	588.005	584.001	584.853	584.349	V[23]
K	20	487.015	563.838	559.834	560.085	559.589	K[22]
K	21	519.039	531.814	527.810	528.062	527.556	K[21]
K	22	551.063	499.791	495.786	496.038	495.534	K[20]
A	23	568.822	487.767	483.762	484.014	483.510	A[19]
R	24	607.847	450.000	446.003	446.255	445.751	R[18]
K	25	639.871	410.982	406.976	407.230	406.726	K[17]
A	26	657.630	378.959	374.954	375.206	374.702	A[16]
A	27	675.390	361.199	357.195	357.447	356.941	A[15]
G	28	689.645	343.440	339.435	339.687	339.181	G[14]
G	29	703.900	329.185	325.180	325.432	324.926	G[13]
A	30	721.660	314.929	310.925	311.177	310.671	A[12]
K	31	753.683	297.170	293.165	293.417	292.913	K[11]
R	32	792.709	265.146	261.142	261.394	260.890	R[10]
K	33	824.732	226.121	222.116	222.368	221.864	K[9]
T	34	849.994	194.097	190.093	190.345	189.841	T[8]
S	35	877.252	166.835	164.831	165.083	164.579	S[7]
G	36	886.008	147.077	143.073	143.325	142.821	G[6]
P	37	910.271	132.822	128.817	129.069	128.565	P[5]
P	38	934.534	108.550	104.554	104.806	104.302	P[4]
V	39	959.301	84.290	80.291	80.543	80.039	V[3]
S	40	981.059	59.529	55.524	55.776	55.272	S[2]
E	41	1013.320	37.772	33.766	34.018	33.514	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.83
- ▶ F105343.dat
- ▶ query=q14525.p1
- ▶ precursor=811.054270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4051.243	4635.222	0.000	4034.215	S[41]
E	2	276.119	3922.198	9906.180	0.000	3905.172	E[40]
T	3	377.167	3793.156	3777.137	0.000	3776.129	T[39]
A	4	448.204	3692.108	3679.090	0.000	3675.082	A[38]
F	5	545.257	3621.071	3605.052	0.000	3604.045	F[37]
A	6	619.294	3524.031	3508.003	0.000	3506.999	A[36]
A	7	667.331	3452.982	3436.963	0.000	3435.955	A[35]
P	8	784.384	3381.944	3365.925	0.000	3364.918	P[34]
A	9	855.421	3294.891	3268.873	0.000	3267.865	A[33]
A	10	926.458	3213.854	3197.836	0.000	3196.828	A[32]
F	11	1023.511	3142.817	3126.798	0.000	3125.791	F[31]
A	12	1094.558	3049.764	3029.746	0.000	3028.738	A[30]
F	13	1191.600	2974.727	2958.709	0.000	2957.701	F[29]
A	14	1262.638	2877.674	2861.656	0.000	2860.648	A[28]
E	15	1361.680	2806.637	2790.619	0.000	2789.611	E[27]
K	16	1519.775	2677.595	2661.576	2062.584	2660.568	K[26]
T	17	1620.623	2549.560	2533.541	2524.499	2522.473	T[25]
P	18	1717.676	2448.452	2432.433	2423.441	2421.425	P[24]
V	19	1816.944	2351.399	2335.381	2326.388	2324.373	V[23]
K	20	1945.039	2252.331	2236.312	2227.320	2225.304	K[22]
K	21	2073.134	2124.236	2108.217	2109.225	2107.209	K[21]
K	22	2201.229	1996.141	1980.122	1981.130	1979.114	K[20]
A	23	2272.266	1898.045	1882.027	1883.035	1881.020	A[19]
R	24	2428.367	1797.009	1780.990	1781.998	1779.982	R[18]
K	25	2556.462	1640.908	1624.889	1625.897	1623.881	K[17]
A	26	2627.499	1512.813	1496.794	1497.802	1495.786	A[16]
A	27	2698.536	1441.776	1425.757	1426.765	1424.749	A[15]
G	28	2755.558	1370.739	1354.720	1355.728	1353.712	G[14]
G	29	2832.579	1313.711	1297.688	1296.706	1296.691	G[13]
K	30	2924.616	1256.695	1240.677	1241.685	1239.669	K[12]
K	31	3011.711	1185.658	1169.640	1170.648	1168.632	K[11]
R	32	3167.812	1057.564	1041.545	1042.553	1040.537	R[10]
K	33	3295.907	991.462	885.444	886.452	884.436	K[9]
F	34	3396.955	773.368	757.349	758.357	756.341	F[8]
F	35	3483.987	792.329	688.303	689.309	687.293	F[7]
G	36	3541.009	585.288	569.269	570.277	568.261	G[6]
P	37	3638.061	528.256	512.248	513.256	511.240	P[5]
F	38	3736.114	431.214	415.195	416.203	414.187	F[4]
V	39	3834.182	334.161	318.142	319.150	317.134	V[3]
S	40	3921.214	235.062	219.074	220.082	218.066	S[2]
E	41	4050.257	148.968	132.942	133.950	131.934	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.83
- ▶ F105343.dat
- ▶ query=q14525.p1
- ▶ precursor=811.054270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.043	2026.124	2018.115	0.504	2017.61	S(41)
E	2	138.503	1961.603	1951.594	0.504	1951.050	E(42)
T	3	189.087	1897.082	1889.072	0.504	1888.566	T(39)
A	4	224.606	1846.558	1838.548	0.504	1838.044	A(38)
P	5	273.132	1811.039	1801.030	0.504	1800.526	P(37)
A	6	308.890	1762.513	1754.503	0.504	1754.200	A(36)
A	7	344.159	1726.994	1718.985	0.504	1718.481	A(35)
P	8	392.695	1691.476	1683.466	0.504	1682.962	P(34)
A	9	438.214	1642.949	1634.940	0.504	1634.436	A(33)
A	10	483.733	1607.431	1599.421	0.504	1598.917	A(32)
P	11	512.259	1571.912	1563.903	0.504	1563.399	P(31)
A	12	549.777	1523.396	1515.376	0.504	1514.873	A(30)
P	13	596.304	1487.867	1479.858	0.504	1479.354	P(29)
A	14	631.822	1449.341	1431.332	0.504	1430.828	A(28)
E	15	666.344	1403.822	1395.813	0.504	1395.309	E(27)
K	16	700.301	1339.301	1331.292	1331.796	1330.788	K(26)
T	17	810.815	1275.264	1267.244	1267.748	1266.740	T(25)
P	18	859.443	1224.736	1216.727	1217.234	1216.230	P(24)
V	19	908.976	1176.203	1168.194	1168.698	1167.690	V(23)
K	20	973.023	1126.669	1118.660	1119.164	1118.156	K(22)
K	21	1037.071	1062.622	1054.612	1055.116	1054.108	K(21)
K	22	1101.118	998.574	990.565	991.069	990.061	K(20)
A	23	1169.639	934.527	926.517	927.024	926.016	A(19)
R	24	1214.687	869.008	860.999	861.503	860.495	R(18)
K	25	1278.735	820.958	812.948	813.452	812.444	K(17)
A	26	1314.253	756.910	748.901	749.405	748.397	A(16)
A	27	1349.772	721.362	713.362	713.866	712.878	A(15)
C	28	1378.283	685.872	677.864	678.368	677.360	C(14)
C	29	1406.793	657.362	649.353	649.857	648.849	C(13)
A	30	1442.312	626.852	620.842	621.346	620.338	A(12)
K	31	1506.359	593.333	585.324	585.827	584.820	K(11)
R	32	1584.410	529.285	521.276	521.780	520.772	R(10)
K	33	1648.457	451.235	443.226	443.729	442.722	K(9)
T	34	1688.984	389.187	379.178	379.682	378.674	T(8)
S	35	1742.497	336.664	326.654	327.158	326.150	S(7)
G	36	1771.008	293.148	283.138	283.642	284.634	G(6)
P	37	1819.534	264.637	256.627	257.131	256.124	P(5)
P	38	1868.061	216.110	206.101	206.605	207.597	P(4)
V	39	1917.595	167.584	159.575	160.079	159.071	V(3)
S	40	1961.111	118.066	110.043	110.544	109.535	S(2)
E	41	2025.632	74.534	66.524	67.028	66.021	E(1)

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.83
- ▶ F105343.dat
- ▶ query=q14525.p1
- ▶ precursor=811.054270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	1351.085	1345.746	0.672	1345.410	S[41]
E[2]	92.711	1308.071	1302.731	0.672	1302.396	E[40]
T[3]	126.394	1265.057	1259.717	0.672	1259.381	T[39]
A[4]	150.073	1231.374	1226.035	0.672	1225.699	A[38]
W[5]	182.424	1207.695	1202.359	0.672	1202.023	W[37]
A[6]	206.193	1175.544	1170.005	0.672	1169.669	A[36]
A[7]	229.782	1151.065	1146.326	0.672	1145.990	A[35]
P[8]	262.133	1127.986	1122.647	0.672	1122.311	P[34]
A[9]	285.812	1095.835	1090.296	0.672	1089.960	A[33]
A[10]	309.491	1071.950	1066.617	0.672	1066.281	A[32]
P[11]	341.242	1048.277	1042.938	0.672	1042.602	P[31]
A[12]	365.921	1019.934	1019.887	0.672	1010.251	A[29]
P[13]	397.872	992.247	986.508	0.672	986.572	P[29]
A[14]	421.551	959.896	954.557	0.672	954.221	A[28]
E[15]	464.565	936.217	930.878	0.672	930.542	E[27]
K[16]	507.263	893.201	887.864	888.199	887.528	K[26]
T[17]	540.946	890.505	845.165	845.501	844.829	T[25]
P[18]	574.297	835.829	831.483	831.819	831.141	P[24]
V[19]	606.320	784.471	779.132	779.468	778.796	V[23]
K[20]	649.018	751.449	746.109	746.445	745.773	K[22]
K[21]	691.716	708.750	703.411	703.747	703.075	K[21]
K[22]	734.414	666.052	660.712	661.048	660.376	K[20]
A[23]	758.094	623.354	618.014	618.350	617.678	A[19]
R[24]	810.127	599.874	594.535	594.871	593.999	R[18]
R[25]	852.826	547.641	542.301	542.637	541.965	R[17]
A[26]	876.505	504.942	499.603	499.939	499.267	A[16]
A[27]	900.184	461.263	475.924	476.260	475.588	A[15]
G[28]	919.191	457.584	452.245	452.581	451.909	G[14]
G[29]	938.198	438.577	433.238	433.574	432.902	G[13]
A[30]	961.877	419.570	414.231	414.566	413.894	A[12]
R[31]	1004.575	395.891	390.551	390.887	390.215	R[11]
R[32]	1056.609	353.193	347.853	348.189	347.517	R[10]
K[33]	1099.307	301.159	295.819	296.155	295.484	K[9]
T[34]	1132.990	258.461	253.121	253.457	252.785	T[8]
S[35]	1162.801	224.778	219.438	219.775	219.103	S[7]
G[36]	1183.068	199.761	194.421	194.756	194.084	G[6]
P[37]	1213.359	175.760	171.421	171.757	171.085	P[5]
P[38]	1245.710	144.400	139.070	139.406	138.734	P[4]
V[39]	1278.732	112.050	106.710	107.045	106.373	V[3]
S[40]	1307.743	79.030	73.696	74.032	73.360	S[2]
E[41]	1350.757	50.025	44.685	45.021	44.349	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=69.83
- ▶ F105343.dat
- ▶ query=q14525.p1
- ▶ precursor=811.054270
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1013.566	1009.561	0.755	1009.309	S[41]
E[2]	69.785	981.305	977.300	0.755	977.048	E[40]
T[3]	95.047	949.044	945.040	0.755	944.788	T[39]
A[4]	112.806	923.783	919.775	0.755	919.520	A[38]
P[5]	137.070	906.023	902.019	0.755	901.761	P[37]
A[6]	154.829	881.766	877.755	0.755	877.501	A[36]
A[7]	172.588	864.001	859.996	0.755	859.744	A[35]
P[8]	196.851	846.241	842.237	0.755	841.985	P[34]
A[9]	214.611	821.979	817.974	0.755	817.722	A[33]
A[10]	232.370	804.210	800.214	0.755	799.962	A[32]
P[11]	256.633	786.460	782.455	0.755	782.203	P[31]
A[12]	274.392	769.191	765.193	0.755	765.946	A[30]
P[13]	298.656	744.431	740.433	0.755	740.181	P[29]
A[14]	316.415	720.174	716.169	0.755	715.917	A[28]
E[15]	348.675	702.415	698.410	0.755	698.158	E[27]
K[16]	380.699	670.154	666.149	0.666	665.898	K[26]
T[17]	405.961	658.130	654.126	0.666	653.874	T[25]
P[18]	439.224	642.869	638.864	0.666	638.612	P[24]
V[19]	454.991	588.005	594.001	584.853	584.349	V[23]
K[20]	487.015	563.838	559.834	560.085	559.580	K[22]
K[21]	519.039	531.814	527.810	528.062	527.558	K[21]
K[22]	551.063	499.791	495.786	496.038	495.534	K[20]
A[23]	568.822	467.767	463.762	464.014	463.510	A[19]
R[24]	607.847	450.000	446.003	446.255	445.751	R[18]
R[25]	639.871	410.982	406.976	407.230	406.726	R[17]
A[26]	657.630	378.959	374.954	375.206	374.702	A[16]
A[27]	675.390	361.199	357.195	357.447	356.941	A[15]
G[28]	689.645	343.440	339.435	339.687	339.181	G[14]
G[29]	703.900	329.185	325.180	325.432	324.926	G[13]
A[30]	721.660	314.929	310.925	311.177	310.671	A[12]
K[31]	753.683	297.170	293.165	293.417	292.913	K[11]
R[32]	792.709	265.146	261.142	261.394	260.890	R[10]
K[33]	824.732	226.121	222.116	222.368	221.864	K[9]
T[34]	849.994	194.097	190.093	190.345	189.841	T[8]
S[35]	877.252	166.835	164.831	165.083	164.579	S[7]
G[36]	886.608	147.071	143.073	143.325	142.821	G[6]
P[37]	910.271	132.822	128.817	129.069	128.565	P[5]
P[38]	934.534	108.550	104.554	104.806	104.302	P[4]
V[39]	959.301	84.290	80.291	80.543	80.039	V[3]
S[40]	981.659	59.520	55.524	55.776	55.272	S[2]
E[41]	1013.320	37.771	33.766	34.018	33.514	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.94
- ▶ F105343.dat
- ▶ query=q14526.p1
- ▶ precursor=811.054280
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	147.076	4051.243	4635.222	0.000	4034.215	S41
E2	276.119	3922.198	9906.180	0.000	3905.172	E40
T3	377.167	3793.156	3777.137	0.000	3776.129	T30
A4	448.204	3692.108	3679.090	0.000	3675.082	A38
F5	545.257	3621.071	3605.052	0.000	3604.045	F37
A6	619.294	3524.018	3508.000	0.000	3506.990	A26
A7	687.331	3452.982	3436.963	0.000	3435.955	A35
P8	784.384	3381.944	3365.925	0.000	3364.918	P34
A9	855.421	3294.891	3268.873	0.000	3267.865	A33
A10	926.458	3213.854	3197.836	0.000	3196.828	A32
F11	1023.511	3142.817	3126.798	0.000	3125.791	F31
A12	1094.548	3045.764	3029.746	0.000	3028.738	A20
F13	1191.600	2974.727	2958.709	0.000	2957.701	F29
A14	1262.638	2877.674	2861.656	0.000	2860.648	A28
E15	1361.680	2806.637	2790.619	0.000	2789.611	E27
K16	1519.775	2677.595	2661.576	2062.584	2660.568	K26
T17	1620.623	2549.560	2533.541	2534.489	2532.473	T25
F18	1717.676	2448.452	2432.433	2433.441	2431.426	F24
V19	1816.944	2351.399	2335.381	2336.388	2334.373	V23
K20	1945.039	2252.331	2236.312	2237.320	2235.304	K22
K21	2073.134	2124.236	2108.217	2109.225	2107.209	K21
K22	2201.229	1996.141	1980.122	1981.130	1979.114	K20
A23	2272.266	1898.045	1882.027	1883.035	1881.020	A19
R24	2428.367	1797.009	1780.990	1781.998	1779.982	R18
K25	2556.462	1640.908	1624.889	1625.897	1623.881	K17
A26	2627.499	1512.813	1496.794	1497.802	1495.786	A16
A27	2698.536	1441.776	1425.757	1426.765	1424.749	A15
G28	2755.558	1370.739	1354.720	1355.728	1353.712	G14
G29	2812.579	1303.711	1287.692	1288.700	1286.684	G13
A30	2851.614	1256.695	1240.677	1241.685	1239.669	A12
K31	3011.711	1185.658	1169.640	1170.648	1168.632	K11
R32	3167.812	1057.564	1041.545	1042.553	1040.537	R10
K33	3295.907	901.462	885.444	886.452	884.436	K9
F34	3396.955	773.368	757.349	758.357	756.341	F8
S35	3483.987	792.329	688.303	657.309	655.293	S31
G36	3541.009	585.288	569.269	570.277	568.261	G6
F37	3638.061	528.256	512.248	513.256	511.240	F6
F38	3735.114	431.214	415.195	416.203	414.187	F4
V39	3834.182	334.161	318.142	319.150	317.134	V3
S40	3923.214	235.082	219.074	220.082	218.066	S3
E41	4050.257	148.060	132.042	133.050	131.034	E1

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.94
- ▶ F105343.dat
- ▶ query=q14526.p1
- ▶ precursor=811.054280
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.043	2026.124	2018.135	0.504	2017.611	S(41)
E	2	135.503	1961.003	1953.594	0.504	1953.090	E(42)
T	3	189.087	1897.082	1889.072	0.504	1888.568	T(39)
A	4	224.606	1846.558	1838.549	0.504	1838.044	A(38)
P	5	273.132	1811.039	1803.030	0.504	1802.526	P(37)
A	6	308.890	1762.513	1754.503	0.504	1754.000	A(36)
A	7	344.159	1728.994	1721.985	0.504	1721.481	A(35)
P	8	392.695	1691.476	1683.466	0.504	1682.962	P(34)
A	9	438.214	1642.949	1634.940	0.504	1634.436	A(33)
A	10	463.733	1607.431	1599.421	0.504	1598.917	A(32)
P	11	512.259	1571.912	1563.903	0.504	1563.399	P(31)
A	12	547.977	1523.386	1515.376	0.504	1514.872	A(30)
P	13	596.504	1487.867	1479.858	0.504	1479.354	P(29)
A	14	631.822	1439.341	1431.332	0.504	1430.828	A(28)
E	15	666.344	1403.822	1395.813	0.504	1395.309	E(27)
K	16	700.301	1339.301	1331.292	1331.796	1330.788	K(26)
T	17	810.815	1275.264	1267.244	1267.748	1266.740	T(25)
P	18	899.443	1204.738	1210.730	1217.224	1216.220	P(24)
V	19	908.976	1176.203	1168.194	1168.698	1167.690	V(23)
K	20	973.023	1126.669	1118.660	1119.164	1118.156	K(22)
K	21	1037.071	1062.622	1054.612	1055.116	1054.108	K(21)
K	22	1101.118	998.574	990.565	991.069	990.061	K(20)
A	23	1136.637	934.527	926.518	927.021	926.013	A(19)
R	24	1214.687	869.004	890.999	891.503	890.495	R(18)
K	25	1278.735	820.958	812.949	813.452	812.444	K(17)
A	26	1314.253	756.910	748.901	749.405	748.397	A(16)
A	27	1349.772	721.392	713.382	713.886	712.878	A(15)
C	28	1378.283	686.874	678.864	679.368	678.360	C(14)
C	29	1406.793	657.362	649.353	649.857	648.849	C(13)
A	30	1442.312	626.852	620.842	621.346	620.338	A(12)
K	31	1506.359	593.333	585.324	585.827	584.820	K(11)
R	32	1584.410	529.285	521.276	521.780	520.772	R(10)
K	33	1648.457	451.235	443.226	443.729	442.722	K(9)
T	34	1698.501	389.187	379.178	379.682	378.674	T(8)
S	35	1762.497	336.664	328.654	329.158	328.150	S(7)
G	36	1771.008	293.148	285.138	285.642	284.634	G(6)
P	37	1819.534	264.637	256.627	257.131	256.124	P(5)
P	38	1868.061	216.110	208.101	208.605	207.597	P(4)
V	39	1917.595	167.584	159.575	160.079	159.071	V(3)
S	40	1961.111	118.066	110.043	110.544	109.535	S(2)
E	41	2005.632	74.534	66.524	67.028	66.021	E(1)

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.94
- ▶ F105343.dat
- ▶ query=q14526.p1
- ▶ precursor=811.054280
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1351.005	1345.746	0.672	1345.410	S[41]
E	2	92.711	1308.071	1302.731	0.672	1302.398	E[40]
T	3	126.394	1265.057	1259.717	0.672	1259.381	T[39]
A	4	150.073	1331.374	1226.035	0.672	1225.699	A[38]
W	5	182.424	1207.695	1202.355	0.672	1202.020	W[37]
A	6	206.193	1375.344	1170.005	0.672	1169.669	A[36]
A	7	229.782	1151.065	1146.376	0.672	1145.990	A[35]
P	8	262.133	1127.986	1122.647	0.672	1122.311	P[34]
A	9	285.812	1095.835	1090.296	0.672	1089.960	A[33]
A	10	309.491	1071.956	1066.617	0.672	1066.281	A[32]
P	11	341.242	1048.277	1042.938	0.672	1042.602	P[31]
A	12	365.921	1015.926	1010.587	0.672	1010.251	A[30]
P	13	397.672	992.247	986.908	0.672	986.572	P[29]
A	14	421.551	959.896	954.557	0.672	954.221	A[28]
E	15	464.565	936.217	930.878	0.672	930.542	E[27]
K	16	507.263	893.201	887.864	888.199	887.528	K[26]
T	17	540.046	850.505	845.165	845.501	844.829	T[25]
P	18	572.829	826.320	811.483	811.819	811.147	P[24]
V	19	606.320	784.471	779.132	779.468	778.796	V[23]
K	20	649.018	751.449	746.109	746.445	745.773	K[22]
K	21	691.716	708.750	703.411	703.747	703.075	K[21]
K	22	734.414	666.052	660.712	661.048	660.376	K[20]
A	23	758.094	623.354	618.014	618.350	617.678	A[19]
R	24	810.127	590.876	584.336	584.671	583.999	R[18]
K	25	852.826	547.641	542.301	542.637	541.965	K[17]
A	26	876.505	504.942	499.603	499.939	499.267	A[16]
A	27	900.184	461.263	475.924	476.260	475.588	A[15]
G	28	919.191	457.584	452.245	452.581	451.909	G[14]
G	29	938.198	438.577	433.238	433.574	432.902	G[13]
A	30	961.877	419.570	414.231	414.566	413.894	A[12]
K	31	1004.575	395.891	390.551	390.887	390.215	K[11]
R	32	1056.609	353.193	347.853	348.189	347.517	R[10]
K	33	1099.307	301.159	295.819	296.155	295.483	K[9]
T	34	1132.990	258.461	253.121	253.457	252.785	T[8]
S	35	1162.001	224.778	219.438	219.775	219.103	S[7]
G	36	1183.068	199.761	194.421	194.756	194.084	G[6]
P	37	1213.359	175.760	171.421	171.757	171.085	P[5]
P	38	1245.710	144.400	139.070	139.406	138.734	P[4]
V	39	1278.732	112.050	106.710	107.045	106.373	V[3]
S	40	1307.743	79.030	73.696	74.032	73.360	S[2]
E	41	1350.757	50.025	44.685	45.021	44.349	E[1]

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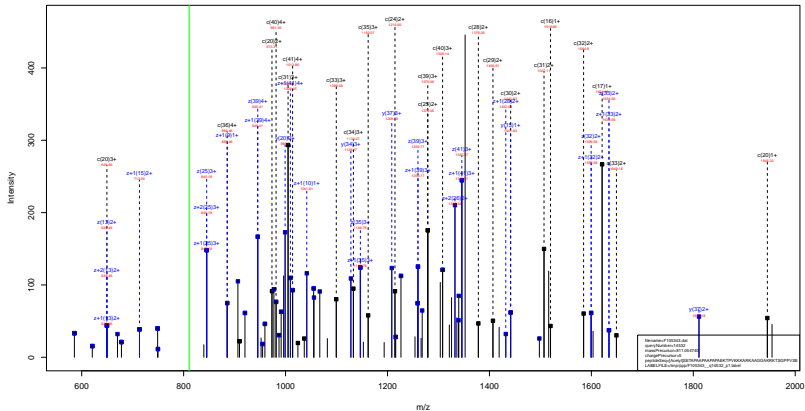
[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=64.94
- ▶ F105343.dat
- ▶ query=q14526.p1
- ▶ precursor=811.054280
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1013.566	1009.561	0.755	1009.309	S[41]
E	2	69.785	981.305	977.300	0.755	977.048	E[40]
T	3	95.047	949.044	945.040	0.755	944.788	T[39]
A	4	112.806	923.781	919.776	0.755	919.526	A[38]
P	5	137.070	906.023	902.019	0.755	901.761	P[37]
A	6	154.829	881.766	877.755	0.755	877.501	A[36]
A	7	172.588	864.001	859.996	0.755	859.744	A[35]
P	8	196.851	846.241	842.237	0.755	841.985	P[34]
A	9	214.611	821.979	817.974	0.755	817.722	A[33]
A	10	232.370	804.210	800.210	0.755	799.962	A[32]
P	11	256.833	786.460	782.455	0.755	782.203	P[31]
A	12	274.592	769.191	765.192	0.755	765.946	A[30]
P	13	298.656	744.431	740.433	0.755	740.181	P[29]
A	14	316.415	720.174	716.169	0.755	715.917	A[28]
E	15	348.675	702.415	698.410	0.755	698.156	E[27]
K	16	380.699	670.154	666.149	0.666	665.898	K[26]
T	17	405.961	638.130	634.126	0.634	633.874	T[25]
P	18	439.224	612.866	608.864	0.608	608.612	P[24]
V	19	454.991	588.005	584.601	584.853	584.349	V[23]
K	20	487.015	563.838	559.834	560.085	559.589	K[22]
K	21	519.039	531.814	527.810	528.062	527.556	K[21]
K	22	551.063	499.791	495.786	496.038	495.534	K[20]
A	23	568.822	467.767	463.762	464.014	463.510	A[19]
R	24	607.847	430.000	426.003	426.255	425.751	R[18]
K	25	639.871	410.982	406.976	407.230	406.726	K[17]
A	26	657.630	378.959	374.954	375.206	374.702	A[16]
A	27	675.390	361.199	357.195	357.447	356.941	A[15]
G	28	689.645	343.440	339.435	339.687	339.181	G[14]
G	29	703.900	329.185	325.180	325.432	324.926	G[13]
A	30	721.660	314.929	310.925	311.177	310.671	A[12]
K	31	753.683	297.170	293.165	293.417	292.913	K[11]
R	32	792.709	265.146	261.142	261.394	260.890	R[10]
K	33	824.732	226.121	222.116	222.368	221.864	K[9]
T	34	849.994	194.097	190.093	190.345	189.841	T[8]
S	35	877.252	166.835	164.831	165.083	164.579	S[7]
G	36	896.608	147.077	143.073	143.325	142.821	G[6]
P	37	910.271	132.822	128.817	129.069	128.565	P[5]
P	38	934.534	108.550	104.554	104.806	104.302	P[4]
V	39	959.301	84.290	80.291	80.543	80.039	V[3]
S	40	981.059	59.529	55.524	55.776	55.272	S[2]
E	41	1013.320	37.771	33.766	34.018	33.514	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.45
- ▶ F105343.dat
- ▶ query=q14532.p1
- ▶ precursor=811.054740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	147.076	4051.243	4635.222	0.000	4034.215	S41
E2	276.119	3922.198	9906.180	0.000	3905.172	E40
T3	377.167	3793.156	3777.137	0.000	3776.129	T30
A4	448.204	3692.108	3679.090	0.000	3675.082	A38
F5	545.257	3621.071	3605.052	0.000	3604.045	F37
A6	619.294	3524.018	3508.000	0.000	3506.990	A26
A7	667.331	3452.982	3436.963	0.000	3435.955	A35
P8	784.384	3381.944	3365.925	0.000	3364.918	P34
A9	855.421	3294.891	3268.873	0.000	3267.865	A33
A10	938.458	3213.854	3197.836	0.000	3196.828	A32
F11	1023.511	3142.817	3126.798	0.000	3125.791	F31
A12	1094.558	3048.764	3029.746	0.000	3028.738	A20
F13	1191.600	2974.727	2958.709	0.000	2957.701	F29
A14	1262.638	2877.674	2861.656	0.000	2860.648	A28
E15	1361.680	2806.637	2790.619	0.000	2789.611	E27
K16	1519.775	2677.595	2661.576	2062.584	2660.568	K26
T17	1620.823	2549.500	2533.481	2534.469	2532.473	T25
F18	1717.549	2448.452	2432.433	2433.441	2431.426	F24
V19	1816.544	2351.399	2335.381	2336.388	2334.373	V23
K20	1945.839	2252.331	2236.312	2237.320	2235.304	K22
K21	2073.134	2124.236	2108.217	2109.225	2107.209	K21
K22	2201.229	1996.141	1980.122	1981.130	1979.114	K20
A23	2272.266	1898.045	1882.027	1883.035	1881.020	A19
R24	2428.367	1797.009	1780.990	1781.998	1779.982	R18
K25	2556.462	1640.908	1624.889	1625.897	1623.881	K17
A26	2627.499	1512.813	1496.794	1497.802	1495.786	A16
A27	2698.536	1441.776	1425.757	1426.765	1424.749	A15
G28	2755.558	1370.739	1354.720	1355.728	1353.712	G14
G29	2832.579	1313.717	1297.698	1298.706	1296.690	G13
A30	2914.618	1256.696	1240.677	1241.685	1239.669	A12
K31	3011.711	1185.658	1169.640	1170.648	1168.632	K11
R32	3167.812	1057.564	1041.545	1042.553	1040.537	R10
K33	3295.907	901.463	885.444	886.452	884.436	K9
F34	3396.955	773.368	757.349	758.357	756.341	F8
S35	3483.987	797.329	688.303	689.309	687.293	S1
G36	3541.009	585.288	569.269	570.277	568.261	G0
P37	3638.061	528.256	512.248	513.256	511.240	P6
F38	3736.114	431.214	415.195	416.203	414.187	F4
V39	3834.182	334.161	318.142	319.150	317.134	V3
S40	3921.214	235.082	219.074	220.082	218.066	S0
E41	4050.257	148.986	132.942	133.950	131.934	E0

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.45
- ▶ F105343.dat
- ▶ query=q14532.p1
- ▶ precursor=811.054740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	74.043	2026.124	2018.115	0.504	2017.61	S41
E2	138.503	1961.603	1953.594	0.504	1953.090	E42
T3	189.087	1897.082	1889.072	0.504	1888.566	T30
A4	224.606	1846.556	1838.548	0.504	1838.044	A38
P5	273.132	1811.039	1803.030	0.504	1802.526	P37
A16	308.880	1762.513	1754.503	0.504	1754.000	A36
A7	344.159	1728.994	1718.985	0.504	1718.481	A35
P8	392.695	1690.476	1681.466	0.504	1682.962	P34
A9	438.214	1642.949	1634.940	0.504	1634.436	A33
A10	463.733	1607.431	1599.421	0.504	1598.917	A32
P11	512.259	1571.912	1563.903	0.504	1563.399	P31
A12	547.777	1528.396	1518.386	0.504	1518.879	A30
P13	596.304	1487.867	1479.858	0.504	1479.354	P29
A14	631.822	1449.341	1431.332	0.504	1430.828	A28
E15	666.344	1403.822	1395.813	0.504	1395.309	E27
K16	700.301	1339.301	1331.292	1331.796	1330.788	K28
T17	810.815	1275.284	1267.274	1267.748	1267.244	T25
P18	859.443	1224.755	1216.720	1217.224	1216.216	P24
V19	908.976	1176.203	1168.194	1168.698	1167.690	V23
K20	973.023	1126.669	1118.660	1119.164	1118.156	K22
K21	1037.071	1082.622	1054.612	1055.116	1054.108	K21
K22	1101.118	998.574	990.565	991.069	990.061	K26
A23	1139.639	954.542	946.532	947.034	946.026	A19
R24	1214.687	899.026	890.999	891.503	890.495	R18
K25	1278.735	820.958	812.948	813.452	812.444	K17
A26	1314.253	756.910	748.901	749.405	748.397	A16
A27	1349.772	721.392	713.382	713.886	712.878	A15
C28	1378.263	685.872	677.864	678.368	677.360	C14
C29	1406.793	657.362	649.353	649.857	648.849	C13
A30	1442.312	626.852	620.842	621.346	620.338	A12
K31	1506.359	593.333	585.324	585.827	584.820	K11
R32	1584.410	529.285	521.276	521.780	520.772	R10
K33	1648.457	451.235	443.226	443.729	442.722	K9
T34	1685.941	387.187	379.178	379.682	378.674	T7
S35	1742.497	336.664	328.654	329.158	328.151	S7
G36	1771.008	293.148	285.138	285.642	284.634	G6
P37	1819.534	264.637	256.627	257.131	256.124	P5
P38	1868.061	216.110	208.101	208.605	207.597	P4
V39	1917.595	167.584	159.575	160.079	159.071	V3
S40	1961.111	118.066	110.043	110.544	109.535	S2
E41	2025.632	74.534	66.524	67.028	66.021	E1

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.45
- ▶ F105343.dat
- ▶ query=q14532.p1
- ▶ precursor=811.054740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1351.085	1345.746	0.672	1345.410	S[41]
E	2	92.711	1308.071	1302.731	0.672	1302.398	E[40]
T	3	126.394	1265.057	1259.717	0.672	1259.381	T[39]
A	4	150.073	1231.374	1226.035	0.672	1225.699	A[38]
P	5	182.424	1207.695	1202.356	0.672	1202.020	P[37]
A	6	206.103	1173.544	1170.005	0.672	1169.669	A[36]
A	7	229.782	1151.065	1146.326	0.672	1145.990	A[35]
P	8	262.133	1127.986	1122.647	0.672	1122.311	P[34]
A	9	285.812	1095.835	1090.296	0.672	1089.960	A[33]
A	10	309.491	1071.950	1066.617	0.672	1066.281	A[32]
P	11	341.842	1048.277	1042.738	0.672	1042.402	P[31]
A	12	365.521	1019.926	1010.887	0.672	1010.251	A[30]
P	13	397.872	992.247	986.908	0.672	986.572	P[29]
A	14	421.551	959.896	954.557	0.672	954.221	A[28]
E	15	464.565	936.217	930.878	0.672	930.542	E[27]
K	16	507.263	893.203	887.864	888.199	887.528	K[26]
T	17	540.946	890.585	845.165	845.501	844.829	T[25]
P	18	574.297	835.827	831.483	831.819	831.147	P[24]
V	19	606.320	784.471	779.132	779.468	778.796	V[23]
K	20	649.018	751.449	746.109	746.445	745.773	K[22]
K	21	691.716	708.750	703.411	703.747	703.075	K[21]
K	22	734.414	666.052	660.712	661.048	660.376	K[20]
A	23	758.094	623.354	618.014	618.350	617.678	A[19]
R	24	810.127	599.876	594.536	594.871	593.999	R[18]
R	25	852.826	547.641	542.301	542.637	541.965	R[17]
A	26	876.505	504.842	499.503	499.939	499.267	A[16]
A	27	900.184	461.263	475.924	476.260	475.588	A[15]
G	28	919.191	457.584	452.245	452.581	451.909	G[14]
G	29	938.198	438.577	433.238	433.574	432.902	G[13]
A	30	961.877	419.570	414.231	414.566	413.894	A[12]
K	31	1004.575	395.891	390.551	390.887	390.215	K[11]
R	32	1056.609	353.193	347.853	348.189	347.517	R[10]
K	33	1099.307	301.159	295.819	296.155	295.483	K[9]
T	34	1132.990	258.461	253.121	253.457	252.785	T[8]
S	35	1162.001	224.778	219.438	219.775	219.103	S[7]
G	36	1183.008	199.761	190.428	190.764	190.092	G[6]
P	37	1213.359	175.760	171.421	171.757	171.085	P[5]
P	38	1245.710	144.400	139.070	139.406	138.734	P[4]
V	39	1278.732	112.050	106.710	107.055	106.383	V[3]
S	40	1307.743	79.030	73.696	74.032	73.360	S[2]
E	41	1350.757	50.025	44.685	45.021	44.349	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.45
- ▶ F105343.dat
- ▶ query=q14532.p1
- ▶ precursor=811.054740
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1013.566	1009.561	0.755	1009.309	S[41]
E	2	69.785	981.305	977.300	0.755	977.048	E[40]
T	3	95.047	949.044	945.040	0.755	944.788	T[39]
A	4	112.806	923.781	919.776	0.755	919.526	A[38]
P	5	137.070	906.023	902.019	0.755	901.761	P[37]
A	6	154.829	881.766	877.755	0.755	877.501	A[36]
A	7	172.588	864.001	859.996	0.755	859.744	A[35]
P	8	196.851	846.241	842.237	0.755	841.985	P[34]
A	9	214.611	821.979	817.974	0.755	817.722	A[33]
A	10	232.370	804.210	800.214	0.755	799.962	A[32]
P	11	256.633	786.460	782.455	0.755	782.203	P[31]
A	12	274.392	769.197	765.192	0.755	764.940	A[30]
P	13	298.656	744.431	740.433	0.755	740.181	P[29]
A	14	316.415	720.174	716.169	0.755	715.917	A[28]
E	15	348.675	702.415	698.410	0.755	698.158	E[27]
K	16	380.699	670.154	666.149	0.666	665.898	K[26]
T	17	405.961	638.130	634.126	0.634	633.874	T[25]
P	18	430.224	612.866	608.864	0.609	608.612	P[24]
V	19	454.991	588.005	584.001	584.853	584.349	V[23]
K	20	487.015	563.838	559.834	560.085	559.589	K[22]
K	21	519.039	531.814	527.810	528.062	527.556	K[21]
K	22	551.063	499.791	495.786	496.038	495.534	K[20]
A	23	568.822	487.767	483.762	484.014	483.510	A[19]
R	24	607.847	450.000	446.003	446.255	445.751	R[18]
K	25	639.871	410.982	406.976	407.230	406.726	K[17]
A	26	657.630	378.959	374.954	375.206	374.702	A[16]
A	27	675.390	361.199	357.195	357.447	356.941	A[15]
G	28	689.645	343.440	339.435	339.687	339.181	G[14]
G	29	703.900	329.185	325.180	325.432	324.926	G[13]
A	30	721.660	314.929	310.925	311.177	310.671	A[12]
K	31	753.683	297.170	293.165	293.417	292.913	K[11]
R	32	792.709	265.146	261.142	261.394	260.890	R[10]
K	33	824.732	226.121	222.116	222.368	221.864	K[9]
T	34	849.994	194.097	190.093	190.345	189.841	T[8]
S	35	877.252	166.835	164.831	165.083	164.579	S[7]
G	36	886.608	147.077	143.073	143.325	142.821	G[6]
P	37	910.271	132.822	128.817	129.069	128.565	P[5]
P	38	934.534	108.550	104.554	104.806	104.302	P[4]
V	39	959.301	84.290	80.291	80.543	80.039	V[3]
S	40	981.059	59.529	55.524	55.776	55.272	S[2]
E	41	1013.320	37.771	33.766	34.018	33.514	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.02
- ▶ F105343.dat
- ▶ query=q14535.p1
- ▶ precursor=811.055430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	147.076	4051.243	4635.222	0.000	4034.215	S41
E2	276.119	3922.198	9906.180	0.000	3905.172	E40
T3	377.167	3793.156	3777.137	0.000	3776.129	T39
A4	448.204	3692.108	3679.090	0.000	3675.082	A38
F5	545.257	3621.071	3605.052	0.000	3604.045	F37
A6	619.294	3524.013	3508.003	0.000	3506.990	A36
A7	667.331	3452.982	3436.963	0.000	3435.955	A35
P8	784.384	3381.944	3365.925	0.000	3364.918	P34
A9	855.421	3294.891	3268.873	0.000	3267.865	A33
A10	926.458	3213.854	3197.836	0.000	3196.828	A32
F11	1023.511	3142.817	3126.798	0.000	3125.791	F31
A12	1094.548	3049.764	3029.746	0.000	3028.738	A30
F13	1191.600	2974.727	2958.709	0.000	2957.701	F29
A14	1262.638	2877.674	2861.656	0.000	2860.648	A28
E15	1361.680	2806.637	2790.619	0.000	2789.611	E27
K16	1519.775	2677.595	2661.576	2062.584	2660.568	K26
T17	1620.623	2549.560	2533.541	2534.489	2532.473	T25
F18	1717.676	2448.452	2432.433	2433.441	2431.426	F24
V19	1816.944	2351.399	2335.381	2336.388	2334.373	V23
K20	1945.039	2252.331	2236.312	2237.320	2235.304	K22
K21	2073.134	2124.236	2108.217	2109.225	2107.209	K21
K22	2201.229	1996.141	1980.122	1981.130	1979.114	K20
A23	2272.266	1898.045	1882.027	1883.035	1881.020	A19
R24	2428.367	1797.009	1780.990	1781.998	1779.982	R18
K25	2556.462	1640.908	1624.889	1625.897	1623.881	K17
A26	2627.499	1512.813	1496.794	1497.802	1495.786	A16
A27	2698.536	1441.776	1425.757	1426.765	1424.749	A15
G28	2755.558	1310.739	1304.720	1305.728	1303.712	G14
G29	2812.579	1313.717	1297.698	1298.706	1296.690	G13
A30	2883.616	1259.656	1240.677	1241.685	1239.669	A12
K31	3011.711	1185.609	1169.590	1170.648	1168.632	K11
R32	3167.812	1057.564	1041.545	1042.553	1040.537	R10
K33	3295.907	901.462	885.444	886.452	884.436	K9
F34	3396.955	773.368	757.349	758.357	756.341	F8
S35	3483.987	792.329	688.303	689.309	687.293	S1
G36	3541.009	585.288	569.269	570.277	568.261	G0
P37	3638.061	528.256	512.248	513.256	511.240	P6
F38	3736.114	431.214	415.195	416.203	414.187	F4
V39	3834.182	334.161	318.142	319.150	317.134	V3
S40	3921.214	235.082	219.074	220.082	218.066	S0
E41	4050.257	148.986	132.962	133.969	131.950	E1

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTS GPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.02
- ▶ F105343.dat
- ▶ query=q14535.p1
- ▶ precursor=811.055430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.043	2026.124	2018.115	0.504	2017.611	S(41)
E	2	135.503	1961.603	1953.594	0.504	1953.090	E(42)
T	3	189.087	1897.082	1889.072	0.504	1888.566	T(39)
A	4	254.606	1846.558	1838.548	0.504	1838.044	A(38)
P	5	273.132	1811.039	1803.030	0.504	1802.526	P(37)
A	6	308.880	1762.513	1754.503	0.504	1754.000	A(36)
A	7	344.150	1726.994	1718.985	0.504	1718.481	A(35)
P	8	392.695	1691.476	1683.466	0.504	1682.962	P(34)
A	9	438.214	1642.949	1634.940	0.504	1634.436	A(33)
A	10	463.733	1607.431	1599.421	0.504	1598.917	A(32)
P	11	512.259	1571.912	1563.903	0.504	1563.399	P(31)
A	12	547.777	1523.395	1515.376	0.504	1514.873	A(30)
P	13	596.304	1487.867	1479.858	0.504	1479.354	P(29)
A	14	631.822	1449.341	1441.332	0.504	1440.828	A(28)
E	15	666.344	1403.822	1395.813	0.504	1395.309	E(27)
K	16	700.301	1339.301	1331.292	1331.796	1330.788	K(26)
T	17	810.815	1275.264	1267.244	1267.748	1266.740	T(25)
P	18	859.441	1224.735	1216.725	1217.224	1216.220	P(24)
V	19	908.976	1176.203	1168.194	1168.698	1167.693	V(23)
K	20	973.023	1126.669	1118.660	1119.164	1118.156	K(22)
K	21	1037.071	1076.622	1054.612	1055.116	1054.108	K(21)
K	22	1101.118	998.574	990.565	991.069	990.061	K(20)
A	23	1139.639	934.527	926.517	927.021	926.014	A(19)
R	24	1214.687	879.026	870.999	871.503	870.495	R(18)
K	25	1278.735	820.958	812.948	813.452	812.444	K(17)
A	26	1314.253	756.910	748.901	749.405	748.397	A(16)
A	27	1349.772	721.392	713.382	713.886	712.878	A(15)
C	28	1378.263	685.872	677.864	678.368	677.360	C(14)
C	29	1406.793	657.362	649.353	649.857	648.849	C(13)
A	30	1442.312	628.852	620.842	621.346	620.338	A(12)
K	31	1506.359	593.333	585.324	585.827	584.820	K(11)
R	32	1584.410	529.285	521.276	521.780	520.772	R(10)
K	33	1648.457	451.235	443.226	443.729	442.722	K(9)
T	34	1688.984	387.187	379.178	379.682	378.674	T(8)
S	35	1742.497	336.664	328.654	329.158	328.151	S(7)
G	36	1771.008	293.148	285.138	285.642	284.634	G(6)
P	37	1819.534	264.637	256.627	257.131	256.124	P(5)
P	38	1868.061	216.110	208.101	208.605	207.597	P(4)
V	39	1917.595	167.584	159.575	160.079	159.071	V(3)
S	40	1961.111	118.066	110.043	110.544	109.533	S(2)
E	41	2025.632	74.534	66.524	67.028	66.021	E(1)

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.02
- ▶ F105343.dat
- ▶ query=q14535.p1
- ▶ precursor=811.055430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1361.085	1345.746	0.672	1345.410	S[41]
E	2	92.711	1308.071	1302.731	0.672	1302.396	E[40]
T	3	126.394	1265.057	1259.177	0.672	1259.381	T[39]
A	4	150.073	1231.374	1226.035	0.672	1225.699	A[38]
W	5	184.424	1207.605	1202.354	0.672	1202.020	W[37]
A	6	208.193	1175.541	1170.005	0.672	1169.669	A[36]
A	7	229.782	1151.065	1146.376	0.672	1145.990	A[35]
P	8	262.133	1127.986	1122.647	0.672	1122.311	P[34]
A	9	285.812	1095.835	1090.296	0.672	1089.960	A[33]
A	10	309.491	1071.950	1066.617	0.672	1066.281	A[32]
P	11	341.842	1048.277	1042.938	0.672	1042.602	P[31]
A	12	365.521	1019.020	1010.587	0.672	1010.251	A[30]
P	13	397.872	992.247	986.908	0.672	986.572	P[29]
A	14	421.551	959.896	954.557	0.672	954.221	A[28]
E	15	464.565	936.217	930.878	0.672	930.542	E[27]
K	16	507.263	893.201	887.864	888.199	887.528	K[26]
T	17	540.946	890.585	845.165	845.501	844.829	T[25]
P	18	574.297	835.829	831.489	831.819	831.147	P[24]
V	19	606.320	784.471	779.132	779.468	778.796	V[23]
K	20	649.018	751.449	746.109	746.445	745.773	K[22]
K	21	691.716	708.750	703.411	703.747	703.075	K[21]
K	22	734.414	666.052	660.712	661.048	660.376	K[20]
A	23	758.094	623.364	618.024	618.360	617.688	A[19]
R	24	810.127	590.876	584.336	584.671	583.999	R[18]
K	25	852.826	547.641	542.301	542.637	541.965	K[17]
A	26	876.505	504.942	499.603	499.939	499.267	A[16]
A	27	900.184	461.263	475.924	476.260	475.588	A[15]
G	28	919.191	457.584	452.245	452.581	451.909	G[14]
G	29	938.198	438.577	433.238	433.574	432.902	G[13]
A	30	961.877	419.570	414.231	414.566	413.895	A[12]
K	31	1004.575	395.891	390.551	390.887	390.215	K[11]
R	32	1056.609	353.193	347.853	348.189	347.517	R[10]
K	33	1099.307	301.159	295.819	296.155	295.483	K[9]
T	34	1132.990	258.461	253.121	253.457	252.785	T[8]
S	35	1162.801	224.778	219.438	219.775	219.103	S[7]
G	36	1183.068	199.761	194.421	194.756	194.084	G[6]
P	37	1213.359	175.760	171.421	171.757	171.085	P[5]
P	38	1245.710	144.400	139.070	139.406	138.734	P[4]
V	39	1278.732	112.050	106.710	107.050	106.378	V[3]
S	40	1307.743	79.030	73.696	74.032	73.360	S[2]
E	41	1350.757	50.025	44.685	45.021	44.349	E[1]

sp | P43274 | H14_MOUSE

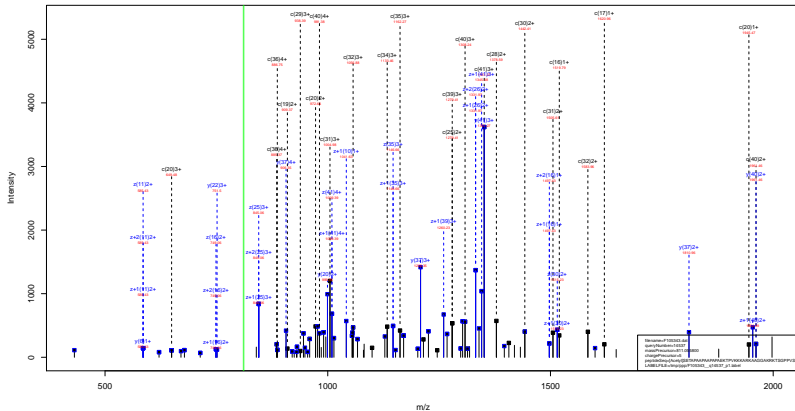
[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.02
- ▶ F105343.dat
- ▶ query=q14535.p1
- ▶ precursor=811.055430
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1013.566	1009.561	0.755	1009.309	S[41]
E[2]	69.785	981.305	977.300	0.755	977.048	E[40]
T[3]	95.047	949.044	945.040	0.755	944.789	T[39]
A[4]	112.806	923.781	919.776	0.755	919.526	A[38]
P[5]	137.070	906.023	902.019	0.755	901.761	P[37]
A[6]	154.829	881.760	877.755	0.755	877.501	A[36]
A[7]	172.588	864.001	859.996	0.755	859.744	A[35]
P[8]	196.851	846.241	842.237	0.755	841.985	P[34]
A[9]	214.611	821.979	817.974	0.755	817.722	A[33]
A[10]	232.370	804.210	800.214	0.755	799.962	A[32]
P[11]	256.633	786.460	782.455	0.755	782.203	P[31]
A[12]	274.392	769.191	765.193	0.755	765.946	A[30]
P[13]	298.656	744.431	740.433	0.755	740.181	P[29]
A[14]	316.415	720.174	716.169	0.755	715.917	A[28]
E[15]	348.675	702.415	698.410	0.755	698.159	E[27]
K[16]	380.699	670.154	666.149	0.666	665.898	K[26]
T[17]	405.961	638.130	634.126	0.634	633.874	T[25]
P[18]	439.224	612.869	608.864	0.609	608.612	P[24]
V[19]	454.991	588.005	584.001	584.853	584.349	V[23]
K[20]	487.015	563.838	559.834	560.085	559.589	K[22]
K[21]	519.039	531.814	527.810	528.062	527.559	K[21]
K[22]	551.063	499.791	495.786	496.038	495.534	K[20]
A[23]	568.822	467.767	463.762	464.014	463.510	A[19]
R[24]	607.847	450.000	446.003	446.255	445.751	R[18]
R[25]	639.871	410.982	406.976	407.230	406.726	R[17]
A[26]	657.630	378.959	374.954	375.206	374.702	A[16]
A[27]	675.390	361.199	357.195	357.447	356.941	A[15]
G[28]	689.645	343.440	339.435	339.687	339.181	G[14]
G[29]	703.900	329.185	325.180	325.432	324.926	G[13]
A[30]	721.660	314.929	310.925	311.177	310.671	A[12]
K[31]	753.683	297.170	293.165	293.417	292.913	K[11]
R[32]	792.709	265.146	261.142	261.394	260.890	R[10]
K[33]	824.732	226.121	222.116	222.368	221.864	K[9]
T[34]	849.994	194.097	190.093	190.345	189.841	T[8]
S[35]	877.252	166.835	164.831	165.083	164.579	S[7]
G[36]	886.608	147.077	143.073	143.325	142.821	G[6]
P[37]	910.271	132.822	128.817	129.069	128.565	P[5]
P[38]	934.534	108.550	104.554	104.806	104.302	P[4]
V[39]	959.301	84.290	80.291	80.543	80.039	V[3]
S[40]	981.659	59.529	55.524	55.776	55.272	S[2]
E[41]	1013.320	37.772	33.766	34.018	33.514	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.02
- ▶ F105343.dat
- ▶ query=q14537.p1
- ▶ precursor=811.055800
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	147.076	4051.243	4635.222	0.000	4034.215	S41
E2	276.119	3922.198	9906.180	0.000	3905.172	E40
T3	377.167	3793.156	3777.137	0.000	3776.129	T30
A4	448.204	3692.108	3679.090	0.000	3675.082	A38
F5	545.257	3621.071	3605.052	0.000	3604.045	F37
A6	619.294	3524.031	3508.003	0.000	3506.999	A36
A7	667.331	3452.982	3436.963	0.000	3435.955	A35
P8	784.384	3381.944	3365.925	0.000	3364.918	P34
A9	855.421	3294.891	3268.873	0.000	3267.865	A33
A10	926.458	3213.854	3197.836	0.000	3196.828	A32
F11	1023.511	3142.817	3126.798	0.000	3125.791	F31
A12	1094.558	3049.764	3029.746	0.000	3028.738	A30
F13	1191.600	2974.727	2958.709	0.000	2957.701	F29
A14	1262.638	2877.674	2861.656	0.000	2860.648	A28
E15	1361.680	2806.637	2790.619	0.000	2789.611	E27
K16	1519.775	2677.595	2661.576	2662.584	2660.568	K26
K17	1620.823	2549.500	2533.481	2534.489	2532.473	K25
T18	1717.549	2448.452	2432.433	2433.441	2431.425	T24
V19	1816.544	2351.399	2335.381	2336.388	2334.373	V23
K20	1945.039	2252.331	2236.312	2237.320	2235.304	K22
K21	2073.134	2124.236	2108.217	2109.225	2107.209	K21
K22	2201.229	1996.141	1980.122	1981.130	1979.114	K20
A23	2272.266	1898.045	1882.027	1883.035	1881.020	A19
R24	2428.367	1797.000	1780.980	1781.988	1779.962	R18
K25	2556.462	1640.905	1624.889	1625.897	1623.881	K17
A26	2627.499	1512.811	1496.794	1497.802	1495.786	A16
A27	2698.536	1441.776	1425.757	1426.765	1424.749	A15
G28	2755.558	1310.739	1304.720	1305.728	1303.712	G14
G29	2812.579	1313.717	1297.698	1298.706	1296.691	G13
A30	2883.616	1199.596	1193.577	1194.585	1192.569	A12
K31	3011.711	1185.650	1169.640	1170.648	1168.632	K11
R32	3167.812	1057.564	1041.545	1042.553	1040.537	R10
K33	3295.907	901.463	885.444	886.452	884.436	K9
F34	3396.955	773.368	757.349	758.357	756.341	F8
S35	3483.987	792.329	688.303	689.309	687.293	S31
G36	3541.009	585.288	569.269	570.277	568.261	G6
P37	3638.061	528.256	512.248	513.256	511.240	P6
F38	3736.114	431.214	415.195	416.203	414.187	F4
V39	3834.182	334.161	318.142	319.150	317.134	V3
S40	3921.214	235.082	219.074	220.082	218.066	S3
E41	4050.257	148.986	132.942	133.950	131.934	E1

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTS GPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.02
- ▶ F105343.dat
- ▶ query=q14537.p1
- ▶ precursor=811.055800
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.043	2026.124	2018.115	0.504	2017.61	S(41)
E	2	138.503	1961.603	1953.594	0.504	1953.050	E(42)
T	3	189.087	1897.082	1889.072	0.504	1888.566	T(39)
A	4	224.606	1846.558	1838.548	0.504	1838.044	A(38)
P	5	273.132	1811.039	1803.030	0.504	1802.526	P(37)
A	6	308.880	1762.513	1754.503	0.504	1754.000	A(36)
A	7	344.159	1726.994	1718.985	0.504	1718.481	A(35)
P	8	392.695	1691.476	1683.466	0.504	1682.962	P(34)
A	9	438.214	1642.949	1634.940	0.504	1634.436	A(33)
A	10	463.733	1607.431	1599.421	0.504	1598.917	A(32)
P	11	512.259	1571.912	1563.903	0.504	1563.399	P(31)
A	12	547.777	1532.396	1515.376	0.504	1514.873	A(30)
P	13	596.304	1487.867	1479.858	0.504	1479.354	P(29)
A	14	631.822	1449.341	1441.332	0.504	1440.828	A(28)
E	15	666.344	1403.822	1395.813	0.504	1395.309	E(27)
K	16	700.301	1339.301	1331.292	1331.796	1330.788	K(26)
T	17	810.815	1275.264	1267.244	1267.748	1266.740	T(25)
P	18	859.441	1224.736	1216.727	1217.234	1216.230	P(24)
V	19	908.976	1176.203	1168.194	1168.698	1167.690	V(23)
K	20	973.023	1126.669	1118.660	1119.164	1118.156	K(22)
K	21	1037.071	1082.622	1054.612	1055.116	1054.108	K(21)
K	22	1101.118	998.574	990.565	991.069	990.061	K(20)
A	23	1169.639	954.541	946.532	947.034	946.031	A(19)
R	24	1214.687	909.026	901.016	901.519	900.516	R(18)
K	25	1278.735	820.958	812.948	813.452	812.444	K(17)
A	26	1314.253	756.910	748.901	749.405	748.397	A(16)
A	27	1349.772	721.392	713.382	713.886	712.878	A(15)
C	28	1378.263	685.872	677.864	678.368	677.360	C(14)
C	29	1406.793	657.362	649.353	649.857	648.849	C(13)
A	30	1442.312	626.852	620.842	621.346	620.338	A(12)
K	31	1506.359	593.333	585.324	585.827	584.820	K(11)
R	32	1584.410	529.285	521.276	521.780	520.772	R(10)
K	33	1648.457	451.235	443.226	443.729	442.722	K(9)
T	34	1688.981	387.187	379.178	379.682	378.674	T(8)
S	35	1742.497	336.664	328.654	329.158	328.151	S(7)
G	36	1771.008	293.148	285.138	285.642	284.634	G(6)
P	37	1819.534	264.637	256.627	257.131	256.124	P(5)
P	38	1868.061	216.110	208.101	208.605	207.597	P(4)
V	39	1917.295	187.584	179.575	180.079	179.071	V(3)
S	40	1961.111	118.066	110.043	110.544	109.535	S(2)
E	41	2025.632	74.534	66.524	67.028	66.021	E(1)

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=68.02
- ▶ F105343.dat
- ▶ query=q14537_p1
- ▶ precursor=811.055800
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1351.005	1345.746	0.672	1345.410	S[41]
E	2	92.711	1308.071	1302.731	0.672	1302.396	E[40]
T	3	126.394	1265.057	1259.717	0.672	1259.381	T[39]
A	4	150.073	1231.374	1226.035	0.672	1225.699	A[38]
W	5	184.424	1207.695	1202.356	0.672	1202.020	W[37]
A	6	208.103	1173.541	1170.005	0.672	1169.669	A[36]
A	7	229.782	1151.065	1146.326	0.672	1145.990	A[35]
P	8	262.133	1127.980	1122.647	0.672	1122.311	P[34]
A	9	285.812	1095.835	1090.296	0.672	1089.960	A[33]
A	10	309.491	1071.950	1066.617	0.672	1066.281	A[32]
P	11	341.842	1048.277	1042.938	0.672	1042.602	P[31]
A	12	365.521	1024.926	1019.587	0.672	1019.251	A[30]
P	13	397.872	992.247	986.908	0.672	986.572	P[29]
A	14	421.551	959.896	954.557	0.672	954.221	A[28]
E	15	464.565	936.217	930.878	0.672	930.542	E[27]
K	16	507.263	893.201	887.864	0.672	887.528	K[26]
T	17	540.946	890.585	845.165	845.501	844.829	T[25]
P	18	574.297	835.829	831.483	831.819	831.147	P[24]
V	19	606.320	784.471	779.132	779.468	778.796	V[23]
K	20	649.018	751.449	746.109	746.445	745.773	K[22]
K	21	691.716	708.750	703.411	703.747	703.075	K[21]
K	22	734.414	666.052	660.712	661.048	660.376	K[20]
A	23	758.094	623.364	618.024	618.360	617.688	A[19]
R	24	810.127	590.876	584.336	584.671	583.999	R[18]
K	25	852.826	547.641	542.301	542.637	541.965	K[17]
A	26	876.505	504.942	499.603	499.939	499.267	A[16]
A	27	900.184	461.263	475.924	476.260	475.588	A[15]
G	28	919.191	457.584	452.245	452.581	451.909	G[14]
G	29	938.198	438.577	433.238	433.574	432.902	G[13]
A	30	961.877	419.370	414.031	414.366	413.694	A[12]
K	31	1004.575	395.891	390.551	390.887	390.215	K[11]
R	32	1056.609	353.103	347.853	348.189	347.517	R[10]
K	33	1099.307	301.159	295.819	296.155	295.483	K[9]
T	34	1132.990	258.461	253.121	253.457	252.785	T[8]
S	35	1162.801	224.778	219.438	219.775	219.103	S[7]
G	36	1183.068	199.761	194.421	194.756	194.084	G[6]
P	37	1213.359	175.760	171.421	171.757	171.085	P[5]
P	38	1245.710	144.400	139.070	139.406	138.734	P[4]
V	39	1278.732	112.050	106.710	107.050	106.380	V[3]
S	40	1307.743	79.030	73.696	74.032	73.360	S[2]
E	41	1350.757	50.025	44.685	45.021	44.349	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=68.02
- ▶ F105343.dat
- ▶ query=q14537.p1
- ▶ precursor=811.055800
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1013.566	1009.561	0.755	1009.309	S[41]
E	2	69.785	981.305	977.300	0.755	977.048	E[40]
T	3	95.047	949.044	945.040	0.755	944.788	T[39]
A	4	112.806	923.781	919.776	0.755	919.520	A[38]
P	5	137.070	906.023	902.019	0.755	901.767	P[37]
A	6	154.829	881.766	877.755	0.755	877.501	A[36]
A	7	172.588	864.001	859.996	0.755	859.744	A[35]
P	8	196.851	846.241	842.237	0.755	841.985	P[34]
A	9	214.611	821.979	817.974	0.755	817.722	A[33]
A	10	232.370	804.210	800.214	0.755	799.962	A[32]
P	11	256.633	786.460	782.455	0.755	782.203	P[31]
A	12	274.392	769.197	765.192	0.755	765.946	A[30]
P	13	298.656	744.431	740.433	0.755	740.181	P[29]
A	14	316.415	720.174	716.169	0.755	715.917	A[28]
E	15	348.675	702.415	698.410	0.755	698.158	E[27]
K	16	380.699	670.154	666.149	0.666	665.898	K[26]
T	17	405.961	658.130	654.126	0.666	653.874	T[25]
P	18	430.224	642.866	638.864	0.666	638.612	P[24]
V	19	454.991	588.005	584.001	584.853	584.349	V[23]
K	20	487.015	563.838	559.834	560.085	559.589	K[22]
K	21	519.039	531.814	527.810	528.062	527.558	K[21]
K	22	551.063	499.791	495.786	496.038	495.534	K[20]
A	23	568.822	487.767	483.762	484.014	483.510	A[19]
R	24	607.847	450.000	446.003	446.255	445.751	R[18]
K	25	639.871	410.982	406.976	407.230	406.726	K[17]
A	26	657.630	378.959	374.954	375.206	374.702	A[16]
A	27	675.390	361.199	357.195	357.447	356.943	A[15]
G	28	689.645	343.440	339.435	339.687	339.183	G[14]
G	29	703.900	329.185	325.180	325.432	324.928	G[13]
A	30	721.660	314.929	310.925	311.177	310.673	A[12]
K	31	753.683	297.170	293.165	293.417	292.913	K[11]
R	32	792.709	265.146	261.142	261.394	260.890	R[10]
K	33	824.732	226.121	222.116	222.368	221.864	K[9]
T	34	849.994	194.097	190.093	190.345	189.841	T[8]
S	35	877.252	166.835	164.831	165.083	164.579	S[7]
G	36	886.608	147.077	143.073	143.325	142.821	G[6]
P	37	910.271	132.822	128.817	129.069	128.565	P[5]
P	38	934.534	108.550	104.554	104.806	104.302	P[4]
V	39	959.301	84.290	80.291	80.543	80.039	V[3]
S	40	981.059	59.529	55.524	55.776	55.272	S[2]
E	41	1013.320	37.772	33.766	34.018	33.514	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.98
- ▶ F105343.dat
- ▶ query=q14542.p1
- ▶ precursor=811.057910
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	147.076	4051.241	4035.222	0.000	4034.211	S41
E2	276.119	3022.195	3006.180	0.000	3005.172	E42
F3	377.187	3793.156	3777.137	0.000	3776.129	F30
A4	448.204	3692.108	3676.090	0.000	3675.082	A38
F5	545.257	3021.071	3005.052	0.000	3004.045	F37
A16	618.204	3024.018	3008.000	0.000	3007.992	A30
A7	687.311	3452.981	3436.963	0.000	3435.955	A155
F8	794.384	3181.044	3165.025	0.000	3164.019	F34
A9	855.421	3384.991	3368.973	0.000	3367.965	A133
A10	926.458	3213.854	3197.836	0.000	3196.828	A132
F11	1023.511	3142.817	3126.798	0.000	3125.791	F131
A12	1094.568	3026.784	3020.748	0.000	3019.739	A130
F13	1191.600	3074.727	3058.709	0.000	3057.701	F129
A14	1262.638	2877.674	2861.656	0.000	2860.648	A128
E15	1361.680	2806.637	2790.619	0.000	2789.611	E127
K16	1519.775	2877.595	2861.578	2667.584	2666.588	K126
T17	1620.823	2549.560	2533.483	2534.489	2532.473	T125
V18	1717.878	2848.625	2832.433	2833.443	2831.426	V124
V19	1816.944	2351.369	2335.381	2336.388	2334.373	V123
K20	1945.039	2352.311	2336.312	2337.320	2335.304	K122
K21	2073.114	2124.236	2108.217	2109.225	2107.209	K121
K22	2201.229	1996.141	1980.122	1981.130	1979.114	K120
A23	2272.268	1968.044	1952.027	1953.035	1951.020	A119
R24	2426.267	1797.059	1780.990	1781.998		R118
K25	2556.482	1640.908	1624.839	1625.897	1623.881	K117
A26	2627.499	1512.813	1496.794	1497.821	1495.788	A116
A27	2698.536	1441.776	1425.757	1426.765	1424.740	A115
G28	2785.558	1370.739	1354.720	1355.728		G114
G29	2812.579	1313.711	1297.689	1298.708	1296.691	G113
A30	2883.616	1256.695	1240.677	1241.685	1239.669	A112
K31	3011.711	1185.659	1169.640	1170.648	1168.632	K111
R32	3187.812	1057.564	1041.545	1042.553	1040.537	R110
K33	3295.907	901.463	885.444	886.452	884.436	K109
T34	3368.958	757.368	757.368	758.377	756.341	T108
S35	3483.987	672.320	656.301	657.309	655.293	S107
G36	3541.009	585.288	589.269	570.277	568.261	G106
F37	3638.061	628.266	512.248	513.256	511.240	F105
F38	3735.114	431.214	415.195	416.203	414.187	F104
V39	3834.162	134.161	318.142	319.150	317.134	V103
S40	3931.214	238.092	219.073	220.082	218.066	S102
E41	4050.257	148.060	132.042	133.050	131.034	E101

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.98
- ▶ F105343.dat
- ▶ query=q14542.p1
- ▶ precursor=811.057910
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.043	2026.124	2018.115	0.504	2017.611	S(41)
E	2	135.553	1961.603	1953.594	0.504	1953.090	E(42)
T	3	189.087	1897.082	1889.072	0.504	1888.566	T(39)
A	4	254.606	1846.556	1838.546	0.504	1838.044	A(38)
P	5	273.132	1811.039	1803.030	0.504	1802.526	P(37)
A	6	308.890	1762.513	1754.503	0.504	1754.000	A(36)
A	7	344.159	1726.994	1718.985	0.504	1718.481	A(35)
P	8	392.695	1691.476	1683.466	0.504	1682.962	P(34)
A	9	438.214	1642.949	1634.940	0.504	1634.436	A(33)
A	10	463.733	1607.431	1599.421	0.504	1598.917	A(32)
P	11	512.259	1571.912	1563.902	0.504	1563.399	P(31)
A	12	547.777	1532.396	1515.376	0.504	1514.873	A(30)
P	13	596.304	1487.867	1479.858	0.504	1479.354	P(29)
A	14	631.822	1449.341	1441.331	0.504	1440.828	A(28)
E	15	666.344	1403.822	1395.813	0.504	1395.309	E(27)
K	16	700.301	1339.301	1331.292	1331.796	1330.788	K(26)
T	17	810.815	1275.264	1267.244	1267.748	1266.740	T(25)
P	18	859.443	1234.739	1216.720	1217.224	1216.216	P(24)
V	19	908.976	1176.203	1168.194	1168.698	1167.690	V(23)
K	20	973.023	1126.669	1118.660	1119.164	1118.156	K(22)
K	21	1037.071	1052.623	1054.612	1055.116	1054.108	K(21)
K	22	1101.118	998.574	990.565	991.569	990.061	K(20)
A	23	1136.637	934.529	926.519	927.523	926.515	A(19)
R	24	1214.687	869.050	890.990	891.503	890.495	R(18)
K	25	1278.735	820.958	812.948	813.452	812.444	K(17)
A	26	1314.253	756.910	748.901	749.405	748.397	A(16)
A	27	1349.772	721.362	713.352	713.856	712.848	A(15)
C	28	1378.283	685.873	677.863	678.867	677.860	C(14)
C	29	1408.793	657.362	649.353	649.857	648.849	C(13)
A	30	1442.312	626.852	620.842	621.346	620.338	A(12)
K	31	1506.359	593.333	585.324	585.827	584.820	K(11)
R	32	1564.410	529.285	521.276	521.780	520.772	R(10)
K	33	1648.457	451.235	443.226	443.729	442.722	K(9)
T	34	1688.984	387.187	379.178	379.682	378.674	T(8)
S	35	1742.497	336.664	328.654	329.158	328.151	S(7)
G	36	1771.008	293.148	285.138	285.642	284.634	G(6)
P	37	1819.534	264.637	256.627	257.131	256.124	P(5)
P	38	1868.061	216.110	208.101	208.605	207.597	P(4)
V	39	1917.595	167.584	159.575	160.079	159.071	V(3)
S	40	1961.111	118.066	110.043	110.544	109.535	S(2)
E	41	2055.632	74.534	66.524	67.028	66.021	E(1)

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.98
- ▶ F105343.dat
- ▶ query=q14542.p1
- ▶ precursor=811.057910
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	1351.085	1345.746	0.672	1345.410	S[41]
E[2]	92.711	1308.071	1302.731	0.672	1302.396	E[40]
T[3]	126.394	1265.057	1259.717	0.672	1259.381	T[39]
A[4]	150.073	1231.374	1226.035	0.672	1225.699	A[38]
W[5]	184.424	1207.695	1202.356	0.672	1202.020	W[37]
A[6]	206.193	1175.344	1170.005	0.672	1169.669	A[36]
A[7]	229.782	1151.065	1146.326	0.672	1145.990	A[35]
P[8]	262.133	1127.986	1122.647	0.672	1122.311	P[34]
A[9]	285.812	1095.635	1090.296	0.672	1089.960	A[33]
A[10]	309.491	1071.950	1066.617	0.672	1066.281	A[32]
P[11]	341.242	1048.277	1042.938	0.672	1042.602	P[31]
A[12]	365.921	1019.920	1010.587	0.672	1010.251	A[30]
P[13]	397.672	992.241	986.908	0.672	986.572	P[29]
A[14]	421.551	959.896	954.557	0.672	954.221	A[28]
E[15]	464.565	936.217	930.878	0.672	930.542	E[27]
K[16]	507.263	893.201	887.864	888.199	887.528	K[26]
T[17]	540.946	850.505	845.165	845.501	844.829	T[25]
P[18]	574.629	826.320	811.483	811.819	811.147	P[24]
V[19]	608.320	784.471	779.132	779.468	778.796	V[23]
K[20]	649.018	751.449	746.109	746.445	745.773	K[22]
K[21]	691.716	708.750	703.411	703.747	703.075	K[21]
K[22]	734.414	666.052	660.712	661.048	660.376	K[20]
A[23]	758.094	623.354	618.014	618.350	617.678	A[19]
R[24]	810.127	590.876	584.336	584.671	583.999	R[18]
K[25]	852.826	547.641	542.301	542.637	541.965	K[17]
A[26]	876.505	504.942	499.603	499.939	499.267	A[16]
A[27]	900.184	461.263	475.924	476.260	475.588	A[15]
G[28]	919.191	457.584	452.245	452.581	451.909	G[14]
G[29]	938.198	438.577	433.238	433.574	432.902	G[13]
A[30]	961.877	419.570	414.231	414.566	413.894	A[12]
K[31]	1004.575	395.891	390.551	390.887	390.216	K[11]
R[32]	1056.609	353.193	347.853	348.189	347.517	R[10]
K[33]	1099.307	301.159	295.819	296.155	295.484	K[9]
T[34]	1132.990	258.461	253.121	253.457	252.785	T[8]
S[35]	1162.801	224.778	219.438	219.775	219.103	S[7]
G[36]	1183.068	199.761	190.428	190.764	190.092	G[6]
P[37]	1213.359	175.760	171.421	171.757	171.085	P[5]
P[38]	1245.710	144.400	139.070	139.406	138.734	P[4]
V[39]	1278.732	112.050	106.710	107.055	106.383	V[3]
S[40]	1307.743	79.030	73.696	74.032	73.360	S[2]
E[41]	1350.757	50.025	44.685	45.021	44.349	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.98
- ▶ F105343.dat
- ▶ query=q14542.p1
- ▶ precursor=811.057910
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1013.566	1009.561	0.755	1009.309	S[41]
E[2]	69.785	981.305	977.300	0.755	977.048	E[40]
T[3]	95.047	949.044	945.040	0.755	944.788	T[30]
A[4]	112.808	922.783	919.778	0.755	919.526	A[38]
P[5]	139.070	906.023	902.019	0.755	901.767	P[37]
A[6]	154.829	883.765	877.755	0.755	877.503	A[36]
A[7]	172.588	864.001	859.990	0.755	859.744	A[35]
F[8]	196.851	846.241	842.237	0.755	841.985	F[34]
A[9]	214.611	823.978	817.974	0.755	817.722	A[33]
A[10]	232.370	804.219	800.214	0.755	799.962	A[32]
P[11]	250.133	786.460	782.455	0.755	782.203	P[31]
A[12]	274.392	762.197	758.192	0.755	757.940	A[30]
P[13]	298.656	744.437	740.433	0.755	740.181	P[29]
A[14]	316.415	720.174	716.169	0.755	715.917	A[28]
E[15]	348.675	702.415	698.410	0.755	698.158	E[27]
K[16]	380.699	670.154	666.149	0.665	665.898	K[26]
T[17]	405.961	638.130	634.126	0.634	633.874	T[25]
F[18]	430.224	612.866	608.864	0.609	608.612	F[24]
V[19]	454.991	588.605	584.601	0.584	584.349	V[23]
K[20]	487.015	563.839	559.834	0.560	559.582	K[22]
K[21]	519.039	531.814	527.810	0.528	527.558	K[21]
K[22]	551.063	499.791	495.786	0.496	495.534	K[20]
A[23]	583.822	467.767	463.762	0.464	463.510	A[19]
R[24]	607.847	450.008	446.003	0.446	445.751	R[18]
K[25]	639.871	410.982	406.978	0.407	407.725	K[17]
A[26]	667.630	378.959	374.954	0.375	374.702	A[16]
A[27]	675.390	361.199	357.195	0.357	356.943	A[15]
G[28]	689.645	343.440	339.435	0.339	339.183	G[14]
G[29]	703.900	329.185	325.180	0.325	324.928	G[13]
A[30]	721.880	314.929	310.925	0.311	310.673	A[12]
R[31]	753.083	297.170	293.165	0.293	292.913	R[11]
R[32]	792.709	265.140	261.142	0.261	260.890	R[10]
K[33]	824.752	226.121	222.116	0.222	221.864	K[9]
T[34]	849.994	194.097	190.093	0.190	189.841	T[8]
S[35]	871.752	168.835	164.831	0.165	0.165	S[7]
G[36]	886.008	147.077	143.073	0.143	142.821	G[6]
A[37]	819.071	132.821	128.817	0.129	0.129	A[5]
P[38]	934.534	105.550	104.554	0.104	0.104	P[4]
V[39]	959.301	84.290	80.291	0.80	0.80	V[3]
S[40]	981.059	59.529	55.524	0.55	0.55	S[2]
E[41]	1013.320	37.771	33.766	0.34	0.34	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRK^{Dimethyl} TSGPPVSE_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=91.90
- ▶ F105343.dat
- ▶ query=q14559_p1
- ▶ precursor=816.656730
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4078.272	4063.254	0.000	4063.264	S[41]
E	2	276.119	3050.230	3034.211	0.000	3033.203	E[42]
T	3	377.187	3821.187	3805.168	0.000	3804.161	T[39]
A	4	448.204	3720.140	3704.121	0.000	3703.113	A[38]
P	5	545.257	3649.102	3633.084	0.000	3632.076	P[37]
A	6	618.204	3652.065	3636.047	0.000	3635.023	A[36]
A	7	687.313	3483.013	3464.994	0.000	3463.986	A[35]
P	8	784.384	3469.075	3391.937	0.000	3392.940	P[34]
A	9	855.421	3312.923	3296.904	0.000	3295.896	A[33]
A	10	926.458	3241.866	3225.847	0.000	3224.839	A[32]
P	11	1023.511	3170.848	3154.830	0.000	3153.822	P[31]
A	12	1094.548	3019.795	3003.777	0.000	3002.769	A[30]
P	13	1191.600	3002.750	2986.740	0.000	2985.732	P[29]
A	14	1262.638	2905.700	2889.687	0.000	2888.679	A[28]
E	15	1361.680	2834.669	2818.650	0.000	2817.642	E[27]
K	16	1519.775	2705.620	2689.607	2600.615	2688.600	K[26]
T	17	1630.623	2577.531	2561.512	2462.520	2560.505	T[25]
P	18	1717.676	2476.483	2460.465	2401.473	2459.457	P[24]
V	19	1816.644	2379.431	2363.412	2304.420	2362.404	V[23]
K	20	1945.639	2300.383	2284.364	2265.351	2263.336	K[22]
K	21	2073.134	2152.267	2136.249	2137.256	2135.241	K[21]
K	22	2201.229	2034.172	2008.154	2009.161	2007.146	K[20]
A	23	2272.266	1909.071	1889.059	1881.066	1879.059	A[19]
R	24	2426.367	1825.040	1809.022	1510.029	1809.014	R[18]
K	25	2556.462	1668.939	1652.920	1653.928	1651.913	K[17]
A	26	2637.499	1540.844	1524.824	1525.833	1523.818	A[16]
A	27	2698.536	1469.807	1453.788	1454.796	1452.781	A[15]
G	28	2785.588	1398.770	1382.753	1383.759	1381.743	G[14]
G	29	2812.579	1343.746	1325.729	1326.738	1324.722	G[13]
A	30	2883.616	1284.727	1268.708	1269.716	1267.700	A[12]
K	31	3031.711	1213.660	1197.641	1198.679	1196.663	K[11]
R	32	3187.812	1085.585	1069.576	1070.584	1068.568	R[10]
K	33	3323.939	929.494	913.475	914.483	912.467	K[9]
T	34	3424.988	773.365	757.347	758.357	756.341	T[8]
S	35	3512.018	672.320	656.301	657.309	655.293	S[7]
G	36	3569.040	585.268	569.250	570.277	568.261	G[6]
P	37	3666.093	528.206	512.188	513.196	511.180	P[5]
P	38	3763.145	431.214	415.195	416.203	414.187	P[4]
V	39	3862.214	334.161	318.142	319.150	317.134	V[3]
S	40	3969.246	238.092	219.073	220.082	218.066	S[2]
E	41	4078.288	148.060	132.042	133.050	131.034	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRK^{Dimethyl} TSGPPVSE_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=91.90
- ▶ F105343.dat
- ▶ query=q14559_p1
- ▶ precursor=816.656730
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2040.140	2032.130	0.504	2031.627	S(41)
E	2	135.503	1975.619	1967.609	0.504	1967.105	E(42)
T	3	189.087	1911.097	1903.088	0.504	1902.584	T(39)
A	4	224.606	1860.573	1852.564	0.504	1852.060	A(38)
P	5	273.132	1825.055	1817.045	0.504	1816.542	P(37)
A	6	308.880	1776.529	1768.520	0.504	1768.015	A(36)
A	7	344.159	1743.010	1735.001	0.504	1734.497	A(35)
P	8	392.695	1705.461	1697.452	0.504	1696.947	P(34)
A	9	438.214	1656.905	1648.896	0.504	1648.452	A(33)
A	10	463.733	1621.446	1613.437	0.504	1612.933	A(32)
P	11	512.259	1585.928	1577.919	0.504	1577.415	P(31)
A	12	547.977	1537.401	1529.392	0.504	1528.888	A(30)
P	13	596.504	1501.883	1493.874	0.504	1493.370	P(29)
A	14	631.822	1453.357	1445.347	0.504	1444.843	A(28)
E	15	666.344	1417.839	1409.829	0.504	1409.325	E(27)
K	16	700.301	1353.317	1345.307	1345.811	1344.803	K(26)
T	17	810.815	1289.269	1281.260	1281.764	1280.756	T(25)
P	18	859.443	1256.745	1248.735	1249.239	1248.232	P(24)
V	19	908.976	1190.218	1182.210	1182.714	1181.706	V(23)
K	20	973.023	1140.695	1132.675	1133.179	1132.171	K(22)
K	21	1037.071	1076.617	1068.628	1069.132	1068.124	K(21)
K	22	1101.119	1012.595	1004.580	1005.084	1004.077	K(20)
A	23	1136.637	948.542	940.533	941.037	940.029	A(19)
R	24	1214.682	913.024	905.014	905.518	904.510	R(18)
K	25	1278.735	834.973	826.964	827.468	826.460	K(17)
A	26	1314.253	770.926	762.916	763.420	762.412	A(16)
A	27	1349.772	735.407	727.398	727.902	726.894	A(15)
G	28	1378.220	699.889	691.879	692.383	691.375	G(14)
G	29	1408.793	673.370	661.360	661.872	660.864	G(13)
A	30	1442.312	642.867	634.858	635.362	634.354	A(12)
K	31	1506.359	607.349	599.339	599.843	598.835	K(11)
R	32	1584.410	543.301	535.292	535.796	534.788	R(10)
K	33	1662.473	465.251	457.241	457.745	456.737	K(9)
T	34	1712.999	387.181	379.171	379.675	378.667	T(8)
S	35	1756.513	336.664	328.654	329.158	328.150	S(7)
G	36	1785.024	293.148	285.138	285.642	284.634	G(6)
P	37	1833.550	264.617	256.607	257.111	256.104	P(5)
P	38	1882.076	216.110	208.101	208.605	207.597	P(4)
V	39	1831.611	167.584	159.575	160.079	159.071	V(3)
S	40	1975.377	118.066	110.041	110.544	109.535	S(2)
E	41	2030.848	74.534	66.524	67.028	66.021	E(1)

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRK^{Dimethyl}TSGPPVSE_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=91.90
- ▶ F105343.dat
- ▶ query=q14559_p1
- ▶ precursor=816.656730
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1360.429	1355.089	0.672	1354.751	S[41]
E	2	92.711	1317.415	1312.075	0.672	1311.739	E[40]
T	3	126.394	1274.401	1269.061	0.672	1266.725	T[39]
A	4	150.073	1240.710	1235.378	0.672	1235.043	A[38]
W	5	184.424	1217.039	1211.699	0.672	1211.363	W[37]
A	6	208.103	1194.660	1189.320	0.672	1189.011	A[36]
A	7	229.782	1161.009	1155.669	0.672	1155.334	A[35]
P	8	262.133	1137.330	1131.990	0.672	1131.654	P[34]
A	9	285.812	1104.970	1099.639	0.672	1099.304	A[33]
A	10	309.491	1081.300	1075.960	0.672	1075.625	A[32]
P	11	341.242	1057.621	1052.281	0.672	1051.945	P[31]
A	12	365.921	1034.770	1019.930	0.672	1019.595	A[30]
P	13	397.672	1011.501	1006.251	0.672	995.916	P[29]
A	14	421.551	989.240	983.901	0.672	983.565	A[28]
E	15	464.565	945.361	940.221	0.672	939.886	E[27]
K	16	507.263	902.547	897.207	897.543	896.671	K[26]
T	17	540.946	899.840	854.509	854.845	854.173	T[25]
P	18	574.297	826.169	820.829	821.165	820.490	P[24]
V	19	606.320	793.815	788.476	788.811	788.140	V[23]
K	20	649.018	760.792	755.453	755.789	755.111	K[22]
K	21	691.716	718.094	712.754	713.090	712.411	K[21]
K	22	734.414	675.390	670.056	670.392	669.720	K[20]
A	23	758.094	632.697	627.357	627.694	627.022	A[19]
R	24	819.127	609.011	603.671	604.015	603.341	R[18]
K	25	852.826	565.985	551.645	551.981	551.309	K[17]
A	26	876.505	514.288	508.947	509.283	508.611	A[16]
A	27	900.184	490.607	485.268	485.604	484.931	A[15]
G	28	919.191	466.928	461.589	461.925	461.251	G[14]
G	29	938.198	447.921	442.581	442.917	442.243	G[13]
A	30	961.877	429.914	423.574	423.910	423.236	A[12]
K	31	1004.575	405.235	399.895	400.231	399.559	K[11]
R	32	1056.609	362.537	357.197	357.533	356.861	R[10]
K	33	1108.651	319.503	305.163	305.499	304.827	K[9]
T	34	1142.334	259.461	253.121	253.457	252.785	T[8]
S	35	1171.344	224.776	218.436	218.775	218.103	S[7]
G	36	1199.351	199.761	193.421	193.754	193.082	G[6]
P	37	1222.702	175.760	171.421	171.757	171.085	P[5]
P	38	1255.053	144.400	139.070	139.406	138.734	P[4]
V	39	1288.076	112.050	106.710	107.055	106.383	V[3]
S	40	1317.087	79.030	73.696	74.032	73.360	S[2]
E	41	1360.101	50.025	44.685	45.021	44.349	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRK^{Dimethyl} TSGPPVSE
28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=91.90
- ▶ F105343.dat
- ▶ query=q14559_p1
- ▶ precursor=816.656730
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1020.574	1016.569	0.755	1016.317	S[41]
E	2	69.795	988.313	984.308	0.755	984.056	E[40]
T	3	95.047	956.052	952.048	0.755	951.796	T[39]
A	4	112.508	936.793	926.786	0.755	926.534	A[38]
P	5	137.070	913.031	909.026	0.755	908.774	P[37]
A	6	154.529	885.705	884.753	0.755	884.511	A[36]
A	7	172.988	871.009	867.004	0.755	866.752	A[35]
F	8	196.851	853.249	849.245	0.755	848.991	F[34]
A	9	214.611	828.989	824.981	0.755	824.729	A[33]
A	10	232.370	811.227	807.222	0.755	806.970	A[32]
P	11	250.133	793.468	789.463	0.755	789.211	P[31]
A	12	274.392	769.204	765.200	0.755	764.948	A[30]
P	13	298.656	751.445	747.440	0.755	747.188	P[29]
A	14	316.415	727.182	723.177	0.755	722.925	A[28]
E	15	348.675	709.423	705.418	0.755	705.166	E[27]
K	16	380.699	677.162	673.157	0.755	672.905	K[26]
T	17	405.961	645.138	641.134	0.755	640.882	T[25]
P	18	439.224	619.879	615.872	0.755	615.620	P[24]
V	19	454.991	595.611	591.606	0.755	591.354	V[23]
K	20	487.015	570.849	566.841	0.755	566.589	K[22]
K	21	519.039	538.822	534.818	0.755	534.566	K[21]
K	22	551.063	506.799	502.794	0.755	502.542	K[20]
A	23	588.822	474.775	470.770	0.755	470.518	A[19]
R	24	607.847	457.018	453.011	0.755	452.759	R[18]
K	25	639.571	417.990	413.986	0.755	413.734	K[17]
A	26	657.630	385.967	381.962	0.755	381.710	A[16]
A	27	675.390	368.207	364.203	0.755	363.951	A[15]
G	28	689.645	352.448	348.443	0.755	348.191	G[14]
G	29	703.900	336.193	332.188	0.755	331.936	G[13]
A	30	721.859	321.937	317.933	0.755	317.681	A[12]
R	31	753.083	304.176	300.173	0.755	299.921	R[11]
R	32	792.709	272.154	268.150	0.755	267.898	R[10]
K	33	831.740	233.129	229.124	0.755	228.872	K[9]
T	34	857.002	194.097	190.093	0.755	189.841	T[8]
S	35	876.760	168.835	164.831	0.755	164.579	S[7]
G	36	893.015	147.077	143.073	0.755	142.821	G[6]
P	37	917.279	132.821	128.817	0.755	128.565	P[5]
P	38	941.542	108.559	104.554	0.755	104.302	P[4]
V	39	966.309	84.299	80.291	0.755	80.039	V[3]
S	40	988.067	59.529	55.524	0.755	55.272	S[2]
E	41	1020.328	37.771	33.766	0.755	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.98
- ▶ F105343.dat
- ▶ query=q14584_p1
- ▶ precursor=687.889370
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4122.303	4106.285	0.000	4105.277	E[42]
E	2	276.119	3993.261	3977.242	0.000	3976.234	E[41]
L	3	377.167	3684.216	3668.199	0.000	3667.192	F[40]
A	4	448.204	3763.170	3747.152	0.000	3746.144	A[39]
P	5	545.257	3692.133	3676.115	0.000	3675.107	P[38]
A	6	616.294	3595.081	3579.062	0.000	3578.054	A[37]
A	7	667.331	3524.044	3508.026	0.000	3507.017	A[36]
P	8	764.384	3453.000	3436.980	0.000	3435.969	P[35]
A	9	855.421	3385.954	3369.935	0.000	3368.927	A[34]
A	10	926.458	3284.917	3268.898	0.000	3267.889	A[33]
P	11	1023.511	3213.879	3197.861	0.000	3196.853	P[32]
A	12	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
P	13	1161.600	3045.790	3029.771	0.000	3028.763	P[30]
V	14	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1437.711	2849.686	2833.666	0.000	2832.642	E[28]
R	16	1547.806	2720.626	2704.607	0.000	2703.596	R[27]
I	17	1688.854	2592.533	2576.512	2577.520	2575.504	I[26]
P	18	1745.907	2491.483	2475.464	2476.472	2474.457	P[25]
V	19	1864.975	2394.430	2378.412	2379.419	2377.404	V[24]
K	20	1973.070	2295.362	2279.343	2280.351	2278.335	K[23]
K	21	2101.105	2187.287	2171.268	2182.295	2180.246	K[22]
R	22	2229.209	2079.174	2063.153	2074.161	2072.145	R[21]
A	23	2300.297	1971.077	1955.058	1966.066	1964.050	A[20]
R	24	2438.362	1840.040	1824.021	1825.029	1823.013	R[19]
K	25	2556.407	1711.945	1695.926	1696.934	1694.918	K[18]
T	26	2657.535	1583.850	1567.831	1568.839	1566.823	T[17]
G	27	2714.556	1482.802	1466.784	1467.791	1465.775	G[16]
A	28	2785.593	1425.781	1409.762	1410.770	1408.754	A[15]
A	29	2856.631	1354.744	1338.725	1339.733	1337.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
K	32	3112.784	1135.640	1119.620	1140.637	1138.621	K[11]
R	33	3268.885	1027.553	1011.534	1012.542	1010.527	R[10]
R	34	3396.982	971.522	855.433	856.441	854.425	R[9]
A	35	3468.017	743.351	727.330	728.346	726.330	A[8]
S	36	3535.049	672.320	656.301	657.309	655.293	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
P	38	3706.124	508.266	512.248	513.256	511.240	P[5]
P	39	3888.170	431.214	435.195	436.203	434.187	P[4]
V	40	3905.245	336.161	338.142	339.150	337.134	V[3]
S	41	3992.277	235.092	239.074	240.082	238.066	S[2]
E	42	4121.319	148.050	152.032	153.050	151.034	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.98
- ▶ F105343.dat
- ▶ query=q14584_p1
- ▶ precursor=687.889370
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E	2	138.563	1897.134	1889.125	0.504	1888.621	E[41]
T	3	189.087	1932.613	1924.603	0.504	1924.090	T[40]
A	4	224.206	1828.090	1814.080	0.504	1817.576	A[39]
P	5	293.135	1846.570	1838.561	0.504	1838.056	P[38]
A	6	358.650	1790.044	1790.035	0.504	1790.531	A[37]
A	7	344.169	1762.525	1754.516	0.504	1754.012	A[36]
F	8	392.695	1727.007	1718.997	0.504	1718.494	F[35]
A	9	428.214	1678.480	1670.471	0.504	1669.967	A[34]
A	10	463.733	1642.962	1634.953	0.504	1634.448	A[33]
P	11	532.259	1607.443	1599.434	0.504	1599.930	P[32]
A	12	547.777	1558.917	1550.908	0.504	1550.404	A[31]
P	13	596.304	1523.398	1515.389	0.504	1514.885	P[30]
V	14	645.838	1474.872	1466.863	0.504	1466.359	V[29]
E	15	710.359	1425.358	1417.348	0.504	1416.845	E[28]
R	16	774.407	1369.837	1361.827	1353.818	1353.313	R[27]
T	17	824.911	1290.365	1288.760	1289.264	1288.256	T[26]
F	18	873.457	1246.345	1238.336	1238.740	1237.732	F[25]
V	19	922.991	1197.719	1189.709	1190.213	1189.206	V[24]
K	20	987.039	1148.195	1140.185	1140.679	1139.671	K[23]
R	21	1051.866	1084.137	1076.128	1076.632	1075.624	R[22]
R	22	1115.134	1020.090	1012.080	1012.584	1011.576	R[21]
A	23	1160.652	956.042	948.033	948.537	947.529	A[20]
K	24	1214.700	920.524	912.514	913.018	912.010	K[19]
K	25	1278.747	856.476	848.467	848.971	847.963	K[18]
T	26	1329.271	792.425	784.419	784.923	783.915	T[17]
C	27	1357.782	741.905	731.895	734.389	733.382	C[16]
A	28	1391.300	713.394	705.385	705.889	704.881	A[15]
A	29	1428.819	677.876	669.866	670.370	669.362	A[14]
A	30	1464.337	642.357	634.348	634.852	633.844	A[13]
G	31	1492.848	606.838	598.829	599.333	598.325	G[12]
K	32	1556.896	678.328	670.318	670.822	669.814	K[11]
R	33	1624.944	614.380	606.271	606.775	605.767	R[10]
K	34	1698.994	436.230	428.220	428.724	427.716	K[9]
A	35	1734.512	372.182	364.173	364.677	363.669	A[8]
S	36	1778.028	336.664	328.654	329.158	328.150	S[7]
C	37	1806.539	291.140	283.130	283.634	282.626	C[6]
P	38	1855.065	264.617	256.607	257.111	256.103	P[5]
P	39	1903.592	238.110	230.101	230.605	229.597	P[4]
V	40	1953.126	167.584	159.575	160.079	159.071	V[3]
S	41	1996.642	118.050	110.041	110.544	109.537	S[2]
E	42	2061.161	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.98
- ▶ F105343.dat
- ▶ query=q14584_p1
- ▶ precursor=687.889370
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1374.773	1369.433	0.672	1369.097	E 42
E 2	92.711	1331.758	1326.419	0.672	1326.083	E 41
T 3	126.394	1288.744	1283.405	0.672	1283.069	F 40
A 4	150.073	1255.96	1249.722	0.672	1249.386	A 39
P 5	182.424	1231.383	1226.043	0.672	1225.707	P 38
A 6	206.103	1199.032	1193.692	0.672	1193.356	A 37
A 7	229.782	1175.361	1170.013	0.672	1169.677	A 36
P 8	262.133	1151.674	1146.334	0.672	1145.999	P 35
A 9	285.812	1119.323	1113.983	0.672	1113.647	A 34
A 10	309.491	1095.644	1090.304	0.672	1089.969	A 33
P 11	341.842	1071.965	1066.625	0.672	1066.289	P 32
A 12	365.521	1039.614	1034.274	0.672	1033.938	A 31
P 13	397.872	1015.935	1010.595	0.672	1010.259	P 30
V 14	430.894	983.584	978.244	0.672	977.908	V 29
E 15	473.909	959.561	945.221	0.672	944.885	E 28
R 16	516.697	937.547	932.869	902.543	901.877	K 27
T 17	550.290	884.948	859.509	859.845	859.173	T 26
P 18	582.640	831.166	825.826	826.162	825.490	P 25
V 19	615.693	798.815	793.475	793.811	793.139	V 24
K 20	658.362	765.792	760.453	760.789	760.117	K 23
K 21	701.060	723.095	717.754	718.090	717.418	K 22
K 22	743.758	680.398	675.056	675.392	674.720	K 21
A 23	787.437	637.697	632.358	632.694	632.022	A 20
K 24	810.136	614.018	608.679	609.015	608.343	K 19
K 25	852.834	571.320	565.980	566.316	565.644	K 18
T 26	886.516	529.627	523.282	523.618	522.946	T 17
G 27	905.524	494.930	489.590	489.925	489.263	G 16
A 28	929.203	479.937	474.592	474.928	474.256	A 15
A 29	952.882	452.263	446.913	447.249	446.577	A 14
A 30	976.561	428.574	423.234	423.570	422.898	A 13
G 31	995.568	404.895	399.555	399.891	399.219	G 12
K 32	1038.266	385.888	380.548	380.884	380.212	K 11
K 33	1090.300	342.180	337.850	338.186	337.514	K 10
R 34	1112.598	291.159	285.818	286.152	285.480	R 9
A 35	1156.677	248.457	243.118	243.454	242.782	A 8
S 36	1185.688	224.778	219.439	219.775	219.103	S 7
G 37	1204.695	195.767	190.428	190.764	190.092	G 6
P 38	1237.046	176.760	171.421	171.757	171.085	P 5
P 39	1269.297	144.409	139.070	139.406	138.734	P 4
V 40	1302.426	112.954	108.719	109.055	108.383	V 3
S 41	1331.430	75.032	73.696	74.032	73.360	S 2
E 42	1374.445	50.025	44.685	45.021	44.349	E 1

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=46.98
- ▶ F105343.dat
- ▶ query=q14584_p1
- ▶ precursor=687.889370
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	87.525	1031.231	1027.327	0.755	1027.075	S[2]
T[3]	69.785	999.071	995.066	0.755	994.814	T[4]
Y[3]	95.047	966.010	962.805	0.755	962.553	Y[4]
A[4]	112.806	941.548	937.543	0.755	937.291	A[3]
F[5]	137.070	923.789	919.784	0.755	919.532	F[8]
A[6]	154.820	899.526	895.521	0.755	895.269	A[37]
A[7]	172.588	881.766	877.762	0.755	877.510	A[36]
F[8]	196.851	864.007	860.002	0.755	859.750	F[35]
A[9]	218.611	839.744	835.739	0.755	835.487	A[24]
A[10]	232.370	821.985	817.980	0.755	817.728	A[33]
P[11]	256.613	804.225	800.221	0.755	799.969	P[32]
A[12]	274.302	779.962	775.957	0.755	775.705	A[31]
P[13]	298.656	762.203	758.198	0.755	757.946	P[30]
V[14]	323.423	737.940	733.935	0.755	733.683	V[29]
E[15]	363.663	713.173	709.168	0.755	708.916	E[28]
K[16]	397.507	680.912	676.907	0.755	676.655	K[27]
T[17]	412.969	648.888	644.883	645.135	644.632	T[26]
P[18]	437.232	623.626	619.622	0.755	619.370	P[25]
V[19]	461.999	599.363	595.358	0.755	595.106	V[24]
K[20]	494.023	574.595	570.591	570.843	570.339	K[23]
K[21]	526.047	542.572	538.568	0.755	538.316	K[22]
K[22]	558.070	510.548	506.544	506.796	506.292	K[21]
A[23]	574.831	478.525	474.520	0.755	474.268	A[26]
K[24]	607.854	460.765	456.761	0.755	456.509	K[19]
K[25]	639.877	428.742	424.737	0.755	424.485	K[18]
T[26]	665.139	396.718	392.713	0.755	392.461	T[17]
G[27]	679.395	371.456	367.451	0.755	367.199	G[16]
A[28]	667.154	367.201	363.196	0.755	362.944	A[15]
A[29]	714.913	339.441	335.437	0.755	335.185	A[14]
A[30]	732.672	321.682	317.677	0.755	317.425	A[13]
G[31]	746.928	303.923	299.918	0.755	299.666	G[12]
K[32]	778.951	289.667	285.663	0.755	285.411	K[11]
R[33]	817.977	257.644	253.639	0.755	253.387	R[10]
K[34]	850.001	218.618	214.614	0.755	214.362	K[9]
A[35]	867.760	186.595	182.590	0.755	182.338	A[8]
S[36]	899.438	168.835	164.831	0.755	164.579	S[7]
G[37]	903.773	147.077	143.073	0.755	142.821	G[6]
F[38]	928.036	132.622	128.617	0.755	128.365	F[5]
P[39]	952.300	108.559	104.554	0.755	104.302	P[4]
V[40]	977.067	84.296	80.291	0.755	80.039	V[3]
S[41]	998.825	60.529	56.524	0.755	56.272	S[2]
E[42]	1031.065	37.771	33.766	0.755	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=46.98
- ▶ F105343.dat
- ▶ query=q14584_p1
- ▶ precursor=687.889370
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	825.206	822.063	0.806	821.861	S[42]
E[2]	56.030	799.458	796.254	0.806	796.053	E[41]
T[3]	76.239	773.649	770.446	0.806	770.244	T[40]
A[4]	90.447	753.440	750.236	0.806	750.035	A[39]
F[5]	109.857	739.232	736.029	0.806	735.827	F[38]
A[6]	124.068	719.822	716.618	0.806	716.417	A[37]
A[7]	138.272	705.615	702.411	0.806	702.209	A[36]
P[8]	157.683	691.407	688.203	0.806	688.002	P[35]
A[9]	171.890	677.197	668.793	0.806	668.591	A[34]
A[10]	186.097	657.789	654.585	0.806	654.384	A[33]
P[11]	205.508	643.582	640.378	0.806	640.176	P[32]
A[12]	219.715	624.171	620.967	0.806	620.766	A[31]
P[13]	239.126	609.964	606.760	0.806	606.558	P[30]
V[14]	258.940	595.753	592.549	0.806	592.348	V[29]
L[15]	284.748	570.739	567.538	0.806	567.334	L[28]
K[16]	310.367	554.931	541.727	541.929	541.526	K[27]
T[17]	330.577	539.312	536.108	536.310	535.907	T[26]
P[18]	349.987	499.102	495.899	496.100	495.697	P[25]
V[19]	369.801	479.692	476.488	476.690	476.287	V[24]
K[20]	395.420	459.878	456.674	456.876	456.473	K[23]
K[21]	421.039	434.259	431.055	431.257	430.854	K[22]
K[22]	446.658	408.640	405.436	405.638	405.235	K[21]
A[23]	466.869	383.021	379.817	380.019	379.616	A[20]
K[24]	486.684	368.814	365.610	365.812	365.408	K[19]
K[25]	512.103	343.195	339.991	340.193	339.790	K[18]
T[26]	532.313	317.576	314.372	314.574	314.171	T[17]
G[27]	543.717	297.366	294.163	294.364	293.961	G[16]
A[28]	557.925	285.962	282.758	282.960	282.557	A[15]
A[29]	572.132	271.755	268.551	268.752	268.349	A[14]
A[30]	586.339	257.547	254.343	254.545	254.142	A[13]
G[31]	597.744	243.340	240.136	240.338	239.934	G[12]
K[32]	623.363	231.935	228.732	228.933	228.530	K[11]
K[33]	654.383	206.316	203.113	203.314	202.911	K[10]
K[34]	680.202	175.096	171.892	172.094	171.691	K[9]
A[35]	698.409	149.477	146.273	146.475	146.072	A[8]
S[36]	711.816	135.270	132.066	132.268	131.864	S[7]
G[37]	723.220	117.863	114.660	114.861	114.458	G[6]
P[38]	742.631	106.459	103.255	103.457	103.054	P[5]
P[39]	762.041	87.049	83.845	84.046	83.643	P[4]
V[40]	781.855	67.638	64.434	64.636	64.233	V[3]
S[41]	799.261	47.824	44.621	44.822	44.419	S[2]
E[42]	825.070	30.418	27.214	27.416	27.013	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.10
- ▶ F105343.dat
- ▶ query=q14586.p1
- ▶ precursor=825.266380
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.079	4122.303	4106.285	0.000	4105.277	S[42]
E	2	276.119	3993.261	3977.242	0.000	3976.234	E[41]
L	3	377.167	3684.215	3668.199	0.000	3647.102	L[40]
A	4	449.204	3763.170	3747.152	0.000	3746.144	A[39]
P	5	545.257	3692.133	3676.115	0.000	3675.107	P[38]
A	6	616.294	3595.081	3579.062	0.000	3578.054	A[37]
A	7	667.331	3524.044	3508.026	0.000	3507.017	A[36]
P	8	764.384	3453.006	3436.988	0.000	3435.980	P[35]
A	9	855.421	3355.954	3339.935	0.000	3338.927	A[34]
A	10	938.458	3284.917	3268.898	0.000	3267.890	A[33]
P	11	1023.511	3213.879	3197.861	0.000	3196.853	P[32]
A	12	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
P	13	1191.600	3045.790	3029.771	0.000	3028.763	P[30]
V	14	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1437.711	2949.686	2933.668	0.000	2932.662	E[28]
R	16	1547.806	2720.626	2704.607	0.000	2703.599	R[27]
L	17	1648.854	2592.533	2576.512	2977.520	2575.504	L[26]
P	18	1745.907	2401.483	2475.464	2476.472	2474.457	P[25]
V	19	1864.975	2304.430	2378.412	2379.419	2377.404	V[24]
R	20	1973.070	2295.362	2279.343	2280.351	2278.335	R[23]
R	21	2101.105	2187.287	2151.268	2152.276	2150.260	R[22]
R	22	2229.200	2039.174	2003.153	2004.161	2002.145	R[21]
A	23	2300.297	1911.077	1895.058	1896.066	1894.050	A[20]
R	24	2438.392	1840.040	1824.021	1825.029	1823.013	R[19]
R	25	2556.497	1711.945	1695.926	1696.934	1694.918	R[18]
T	26	2657.535	1583.850	1567.831	1568.839	1566.823	T[17]
G	27	2714.550	1482.803	1466.784	1467.791	1465.775	G[16]
A	28	2785.593	1425.781	1409.762	1410.770	1408.754	A[15]
A	29	2856.631	1384.744	1368.725	1369.733	1367.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
R	32	3112.784	1135.640	1119.620	1140.637	1138.621	R[11]
R	33	3268.885	1027.553	1011.534	1012.542	1010.527	R[10]
R	34	3396.980	971.492	955.473	956.481	954.465	R[9]
A	35	3468.017	743.351	727.330	728.346	726.330	A[8]
S	36	3535.049	672.320	656.301	657.309	655.293	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
P	38	3700.124	508.266	512.248	513.256	511.240	P[5]
P	39	3888.176	431.214	435.195	436.203	434.187	P[4]
V	40	3905.245	334.161	318.142	319.150	317.134	V[3]
S	41	3992.277	235.092	219.074	220.082	218.066	S[2]
E	42	4121.319	148.050	132.032	133.040	131.024	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.10
- ▶ F105343.dat
- ▶ query=q14586.p1
- ▶ precursor=825.266380
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E[2]	138.563	1897.134	1909.125	0.504	1988.621	E[41]
T[3]	189.087	1932.613	1924.603	0.504	1924.090	T[40]
A[4]	224.206	1828.089	1874.080	0.504	1873.576	A[39]
T[5]	293.133	1846.570	1838.561	0.504	1838.056	T[38]
A[6]	358.650	1790.044	1790.035	0.504	1790.531	A[37]
A[7]	344.169	1763.525	1754.516	0.504	1754.012	A[36]
F[8]	392.695	1727.007	1718.997	0.504	1718.494	F[35]
A[9]	428.214	1678.488	1670.471	0.504	1669.967	A[34]
A[10]	463.733	1642.969	1634.953	0.504	1634.449	A[33]
P[11]	532.259	1597.443	1599.434	0.504	1599.930	P[32]
A[12]	547.777	1558.917	1550.908	0.504	1550.404	A[31]
F[13]	596.304	1523.398	1515.389	0.504	1514.885	F[30]
V[14]	645.830	1474.872	1466.863	0.504	1466.359	V[29]
E[15]	710.359	1425.358	1417.328	0.504	1416.825	E[28]
R[16]	774.887	1369.837	1361.827	139.313	1361.324	R[27]
T[17]	824.911	1290.765	1288.760	1289.264	1288.256	T[26]
F[18]	873.457	1246.245	1238.236	1238.740	1237.732	F[25]
V[19]	922.991	1197.719	1189.709	1190.213	1189.206	V[24]
K[20]	987.039	1148.195	1140.175	1140.679	1139.671	K[23]
K[21]	1057.066	1089.727	1078.128	1076.232	1075.524	K[22]
K[22]	1115.134	1020.090	1012.080	1012.584	1011.576	K[21]
A[23]	1150.652	956.042	948.033	948.537	947.529	A[20]
K[24]	1214.700	920.524	912.514	913.018	912.010	K[19]
K[25]	1278.747	856.476	848.467	848.971	847.963	K[18]
T[26]	1329.271	792.429	784.419	784.923	783.915	T[17]
G[27]	1397.892	741.905	733.895	734.399	733.391	G[16]
A[28]	1393.300	713.394	705.385	705.889	704.881	A[15]
A[29]	1438.819	677.876	669.866	670.370	669.362	A[14]
A[30]	1464.337	642.357	634.348	634.852	633.844	A[13]
G[31]	1492.848	606.839	598.829	599.333	598.325	G[12]
K[32]	1556.896	576.326	570.318	570.822	569.814	K[11]
R[33]	1634.946	514.808	506.797	507.299	506.291	R[10]
K[34]	1698.994	436.290	428.280	428.784	427.776	K[9]
A[35]	1734.512	372.182	364.173	364.677	363.669	A[8]
S[36]	1778.028	336.664	328.654	329.158	328.150	S[7]
G[37]	1806.539	291.140	283.130	283.634	282.626	G[6]
F[38]	1855.065	264.617	256.607	257.111	256.103	F[5]
F[39]	1903.592	218.110	210.101	210.605	209.597	F[4]
V[40]	1953.126	167.584	159.575	160.079	159.071	V[3]
S[41]	1996.642	118.050	110.041	110.544	109.537	S[2]
E[42]	2061.163	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=56.10
- ▶ F105343.dat
- ▶ query=q14586.p1
- ▶ precursor=825.266380
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1374.773	1369.433	0.672	1369.097	S 42
E 2	92.711	1331.758	1326.419	0.672	1326.083	E 41
T 3	126.394	1288.744	1283.405	0.672	1283.069	T 40
A 4	150.078	1245.966	1240.722	0.672	1240.386	A 39
P 5	182.424	1231.383	1226.043	0.672	1225.707	P 38
A 6	206.103	1199.032	1193.692	0.672	1193.356	A 37
A 7	229.782	1175.353	1170.613	0.672	1169.677	A 36
P 8	262.133	1151.674	1146.334	0.672	1145.990	P 35
A 9	285.812	1139.323	1133.983	0.672	1133.647	A 34
A 10	309.491	1126.944	1120.304	0.672	1120.966	A 33
P 11	341.842	1071.905	1056.625	0.672	1056.289	P 32
A 12	395.521	1039.614	1034.274	0.672	1033.938	A 31
P 13	397.872	1015.935	1010.595	0.672	1010.259	P 30
V 14	430.894	983.594	978.244	0.672	977.908	V 29
E 15	473.909	950.363	945.221	0.672	944.885	E 28
R 16	516.607	907.547	902.207	902.543	901.871	R 27
T 17	550.290	864.948	859.509	859.845	859.173	T 26
P 18	582.640	831.166	825.826	826.162	825.490	P 25
V 19	615.663	798.815	793.475	793.811	793.139	V 24
K 20	658.362	765.792	760.453	760.789	760.117	K 23
K 21	701.060	722.094	717.754	718.090	717.418	K 22
K 22	743.758	680.396	675.956	675.302	674.726	K 21
A 23	797.437	637.907	632.358	632.694	632.022	A 20
K 24	810.136	614.018	608.679	609.015	608.343	K 19
K 25	852.834	571.320	565.960	566.316	565.644	K 18
T 26	895.516	529.627	523.282	523.618	522.940	T 17
G 27	905.524	494.930	489.599	489.935	489.263	G 16
A 28	929.203	475.937	470.592	470.928	470.256	A 15
A 29	952.382	452.253	446.913	447.249	446.577	A 14
A 30	976.561	428.574	423.234	423.570	422.898	A 13
G 31	995.568	404.895	399.555	399.891	399.219	G 12
K 32	1038.266	385.880	380.540	380.884	380.212	K 11
R 33	1070.950	342.180	337.850	338.186	337.514	R 10
T 34	1112.998	291.159	285.818	286.152	285.480	T 9
A 35	1156.677	240.457	243.118	243.454	242.782	A 8
S 36	1185.688	224.778	219.439	219.775	219.103	S 7
G 37	1204.695	195.767	190.428	190.764	190.092	G 6
P 38	1237.046	176.760	171.421	171.757	171.085	P 5
P 39	1269.397	144.409	139.070	139.406	138.734	P 4
V 40	1302.420	112.951	108.719	107.985	106.381	V 3
S 41	1331.430	75.030	73.696	74.032	73.360	S 2
E 42	1374.445	50.025	44.685	45.021	44.340	E 1

sp | P43277 | H13_MOUSE

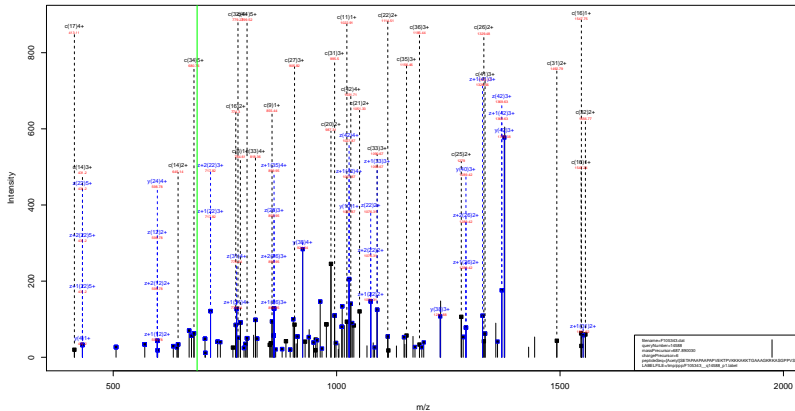
[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=56.10
- ▶ F105343.dat
- ▶ query=q14586.p1
- ▶ precursor=825.266380
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1031.331	1027.327	0.755	1027.075	S[42]
E	2	60.785	999.071	995.066	0.755	994.814	E[41]
T	3	95.047	966.810	962.805	0.755	962.553	T[40]
A	4	112.808	941.543	937.538	0.755	937.291	A[39]
P	5	137.070	925.789	919.784	0.755	919.532	P[38]
A	6	154.829	899.536	895.531	0.755	895.280	A[37]
A	7	172.588	881.766	877.762	0.755	877.510	A[36]
P	8	196.851	864.007	860.002	0.755	859.750	P[35]
A	9	214.611	839.744	835.739	0.755	835.487	A[34]
A	10	232.370	821.985	817.980	0.755	817.728	A[33]
P	11	256.633	804.225	800.221	0.755	799.969	P[32]
A	12	274.392	779.962	775.957	0.755	775.705	A[31]
P	13	298.656	762.203	758.198	0.755	757.944	P[30]
V	14	323.423	737.940	733.935	0.755	733.683	V[29]
E	15	355.683	713.373	709.368	0.755	709.116	E[28]
R	16	387.227	689.912	678.907	0.755	677.659	R[27]
T	17	412.989	648.388	644.383	0.755	644.132	T[26]
P	18	437.232	623.626	619.622	0.755	619.370	P[25]
V	19	461.999	599.363	599.358	0.755	599.106	V[24]
K	20	494.023	574.590	570.591	570.843	570.339	K[23]
K	21	526.047	549.327	538.308	538.819	538.310	K[22]
K	22	558.070	510.548	508.544	508.798	508.292	K[21]
A	23	575.830	475.525	474.520	474.772	474.265	A[20]
K	24	607.854	460.765	456.761	457.013	456.509	K[19]
K	25	639.877	428.742	424.737	424.989	424.485	K[18]
T	26	665.130	396.718	392.713	392.965	392.461	T[17]
G	27	679.195	371.456	367.451	367.703	367.199	G[16]
A	28	697.154	397.201	393.196	393.448	392.944	A[15]
A	29	714.913	339.441	335.437	335.689	335.185	A[14]
A	30	732.672	311.682	311.677	311.929	311.425	A[13]
G	31	766.626	303.923	299.918	300.170	299.666	G[12]
K	32	778.951	289.667	285.663	285.915	285.411	K[11]
R	33	817.677	297.844	293.839	293.891	293.387	R[10]
T	34	859.201	219.913	214.914	214.896	214.362	T[9]
A	35	867.760	186.595	182.590	182.842	182.338	A[8]
S	36	889.518	169.835	164.831	165.083	164.579	S[7]
G	37	903.773	147.077	143.073	143.325	142.821	G[6]
P	38	928.036	132.822	128.817	129.069	128.565	P[5]
P	39	952.300	108.569	104.564	104.816	104.312	P[4]
V	40	977.067	84.399	80.393	80.645	80.139	V[3]
S	41	998.825	55.524	55.524	55.776	55.272	S[2]
E	42	1031.085	37.771	33.766	34.018	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE



sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.77
- ▶ F105343.dat
- ▶ query=q14588.p1
- ▶ precursor=687.890030
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4122.803	4106.285	0.000	4105.277	S[42]
E	2	276.119	8993.261	9077.242	0.000	9076.234	E[41]
T	3	377.167	13064.218	13048.199	0.000	13047.191	T[40]
A	4	448.204	17883.170	17847.152	0.000	17846.144	A[39]
F	5	585.257	23992.133	23916.115	0.000	23915.107	F[38]
A	6	616.294	30965.081	30791.062	0.000	30781.054	A[37]
A	7	687.331	38244.044	38066.025	0.000	38057.017	A[36]
P	8	784.384	46853.006	46366.988	0.000	4435.980	P[35]
A	9	855.421	55955.954	5399.935	0.000	5338.927	A[34]
A	10	607.368	5284.917	5268.898	0.000	5267.890	A[33]
P	11	1023.511	12113.879	1197.861	0.000	1190.853	P[32]
A	12	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
F	13	1181.600	8045.790	8029.771	0.000	8028.763	F[30]
V	14	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1419.711	2849.668	2833.650	0.000	2832.642	E[28]
T	16	1547.806	2720.606	2704.607	2109.618	2703.599	T[27]
T	17	1648.854	2592.531	2576.512	2577.520	2575.504	T[26]
F	18	1748.907	2461.483	2445.484	2476.472	2474.457	F[25]
V	19	1844.975	2334.430	2318.412	2379.419	2377.406	V[24]
K	20	1973.070	2205.362	2179.343	2280.351	2278.335	K[23]
K	21	2101.128	2107.287	2151.288	2132.256	2130.240	K[22]
K	22	2229.200	2038.172	2023.153	2024.161	2022.145	K[21]
A	23	2350.297	1911.077	1895.058	1896.066	1894.050	A[20]
K	24	2438.392	1840.040	1824.021	1825.029	1823.013	K[19]
K	25	2556.487	1711.945	1695.926	1696.934	1694.918	K[18]
T	26	2687.535	1583.850	1567.831	1568.839	1566.823	T[17]
G	27	2714.566	1492.802	1466.783	1467.791	1465.775	G[16]
A	28	2785.593	1425.781	1409.762	1410.770	1408.754	A[15]
A	29	2856.611	1354.744	1338.725	1339.733	1337.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
K	32	3112.704	1136.649	1120.630	1121.638	1119.622	K[11]
K	33	3269.695	1027.553	1011.534	1012.542	1010.526	K[10]
K	34	3396.980	871.482	855.433	856.441	854.425	K[9]
A	35	3488.017	743.357	727.338	728.346	726.330	A[8]
S	36	3535.049	672.320	656.301	657.309	655.293	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
F	38	3709.124	478.246	432.248	433.256	431.240	F[5]
F	39	3806.178	431.214	415.195	416.203	414.187	F[4]
V	40	3905.245	334.161	318.142	319.150	317.134	V[3]
S	41	3992.277	235.092	219.074	220.082	218.066	S[2]
E	42	4121.319	148.060	132.042	133.050	131.034	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.77
- ▶ F105343.dat
- ▶ query=q14588.p1
- ▶ precursor=687.89030
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E	2	138.563	1997.134	1989.125	0.504	1988.621	E[41]
T	3	189.087	1932.613	1924.603	0.504	1924.090	T[40]
A	4	224.206	1868.090	1860.080	0.504	1857.576	A[39]
P	5	293.135	1804.569	1806.561	0.504	1808.056	P[38]
A	6	358.650	1740.044	1730.035	0.504	1739.531	A[37]
A	7	344.169	1762.525	1754.516	0.504	1754.012	A[36]
F	8	392.695	1727.007	1718.997	0.504	1718.494	F[35]
A	9	428.214	1678.480	1670.471	0.504	1669.967	A[34]
A	10	463.733	1624.962	1616.953	0.504	1618.448	A[33]
P	11	512.259	1559.443	1559.434	0.504	1559.930	P[32]
A	12	547.777	1538.017	1550.980	0.504	1550.404	A[31]
F	13	596.304	1523.398	1515.389	0.504	1514.885	F[30]
V	14	645.838	1474.872	1466.863	0.504	1466.359	V[29]
E	15	710.259	1426.358	1417.328	0.504	1416.825	E[28]
R	16	774.407	1360.817	1362.807	1353.311	1352.306	R[27]
T	17	824.931	1296.299	1288.760	1289.264	1288.258	T[26]
F	18	873.457	1246.245	1238.236	1238.740	1237.732	F[25]
V	19	922.991	1197.719	1189.709	1190.213	1189.206	V[24]
K	20	987.039	1148.195	1140.185	1140.679	1139.671	K[23]
K	21	1051.066	1084.137	1076.128	1076.632	1075.624	K[22]
K	22	1115.134	1020.080	1012.080	1012.584	1011.576	K[21]
A	23	1150.652	956.042	948.033	948.537	947.529	A[20]
K	24	1214.700	920.524	912.514	913.018	912.010	K[19]
K	25	1278.747	856.476	848.467	848.971	847.963	K[18]
T	26	1329.271	792.429	784.419	784.923	783.915	T[17]
Y	27	1387.783	743.905	731.895	734.399	733.392	Y[16]
A	28	1393.300	713.394	705.385	705.889	704.881	A[15]
A	29	1438.819	677.876	669.866	670.370	669.362	A[14]
A	30	1464.337	642.357	634.348	634.852	633.844	A[13]
G	31	1492.848	606.836	598.829	599.333	598.325	G[12]
K	32	1556.896	576.320	570.318	570.822	569.814	K[11]
R	33	1634.844	514.380	506.271	506.775	505.767	R[10]
K	34	1698.904	436.230	428.220	428.724	427.716	K[9]
A	35	1734.512	372.182	364.173	364.677	363.669	A[8]
S	36	1778.028	336.664	328.654	329.158	328.150	S[7]
G	37	1806.539	291.140	283.130	283.642	284.634	G[6]
F	38	1855.065	264.617	256.607	257.111	256.103	F[5]
F	39	1903.592	218.110	208.101	208.605	207.597	F[4]
V	40	1953.126	167.584	159.575	160.079	159.071	V[3]
S	41	1996.642	118.050	110.041	110.544	109.537	S[2]
E	42	2061.161	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=39.77
- ▶ F105343.dat
- ▶ query=q14588.p1
- ▶ precursor=687.890030
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1374.773	1369.433	0.672	1369.097	S 42
E 2	92.711	1331.750	1326.419	0.672	1326.083	E 41
T 3	126.394	1288.744	1283.405	0.672	1283.069	T 40
A 4	150.073	1245.766	1240.723	0.672	1240.360	A 39
F 5	182.424	1231.383	1228.043	0.672	1225.707	F 38
A 6	206.103	1199.632	1193.602	0.672	1193.356	A 37
A 7	229.782	1175.353	1170.613	0.672	1169.677	A 36
P 8	262.133	1151.674	1146.334	0.672	1145.990	P 35
A 9	285.812	1119.322	1113.983	0.672	1113.643	A 34
A 10	309.491	1089.644	1090.304	0.672	1089.968	A 33
P 11	341.842	1071.965	1066.625	0.672	1066.259	P 32
A 12	365.521	1039.614	1034.274	0.672	1033.938	A 31
P 13	397.872	1015.935	1010.595	0.672	1010.259	P 30
V 14	430.894	983.584	978.244	0.672	977.908	V 29
E 15	473.909	950.363	945.223	0.672	944.885	E 28
R 16	516.607	907.547	902.207	902.543	901.871	R 27
T 17	550.290	864.848	859.509	859.845	859.173	T 26
P 18	582.640	831.166	825.826	826.162	825.400	P 25
V 19	615.693	798.815	793.475	793.811	793.139	V 24
K 20	658.362	765.792	760.453	760.789	760.117	K 23
K 21	701.060	733.096	717.754	718.090	717.418	K 22
R 22	743.758	680.396	675.056	675.392	674.720	R 21
A 23	767.437	637.897	632.558	632.894	632.122	A 20
K 24	810.136	614.018	608.679	609.015	608.343	K 19
K 25	852.834	571.320	565.980	566.316	565.644	K 18
T 26	886.516	529.627	523.282	523.618	522.946	T 17
G 27	905.524	494.830	489.509	489.835	489.203	G 16
A 28	929.203	479.937	473.592	473.928	473.256	A 15
A 29	952.882	452.253	446.913	447.249	446.577	A 14
A 30	976.561	428.574	423.234	423.570	422.898	A 13
G 31	995.568	404.895	399.555	399.891	399.219	G 12
K 32	1038.266	385.888	380.548	380.884	380.212	K 11
R 33	1090.300	342.180	337.850	338.186	337.514	R 10
R 34	1122.949	291.159	285.818	286.152	285.480	R 9
A 35	1156.677	245.457	243.118	243.454	242.782	A 8
S 36	1185.688	224.778	219.439	219.775	219.103	S 7
G 37	1204.695	195.767	190.428	190.764	190.092	G 6
P 38	1237.046	176.760	171.421	171.757	171.085	P 5
P 39	1269.297	144.409	139.070	139.406	138.734	P 4
V 40	1302.426	112.954	108.719	109.055	108.383	V 3
S 41	1331.430	75.030	73.696	74.032	73.360	S 2
E 42	1374.445	50.025	44.685	45.021	44.349	E 1

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=39.77
- ▶ F105343.dat
- ▶ query=q14588.p1
- ▶ precursor=687.890030
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1031.331	1027.327	0.755	1027.075	S[42]
E	2	60.785	999.071	995.066	0.755	994.814	E[41]
T	3	95.047	966.810	962.805	0.755	962.553	T[40]
A	4	112.808	941.543	937.543	0.755	937.291	A[39]
P	5	137.070	923.789	919.784	0.755	919.532	P[38]
A	6	154.829	899.526	895.521	0.755	895.269	A[37]
A	7	172.588	881.766	877.762	0.755	877.510	A[36]
P	8	196.851	864.007	860.002	0.755	859.750	P[35]
A	9	214.611	839.746	835.741	0.755	835.489	A[34]
A	10	232.370	821.985	817.980	0.755	817.728	A[33]
P	11	256.633	804.225	800.221	0.755	799.969	P[32]
A	12	274.392	779.962	775.957	0.755	775.705	A[31]
P	13	298.656	762.203	758.198	0.755	757.946	P[30]
V	14	323.423	737.940	733.935	0.755	733.683	V[29]
E	15	355.683	713.723	709.708	0.755	709.456	E[28]
R	16	387.937	690.912	678.897	0.755	678.645	R[27]
T	17	412.969	648.958	644.953	645.135	644.632	T[26]
P	18	437.232	623.626	619.622	619.874	619.370	P[25]
V	19	461.999	599.363	595.358	595.610	595.106	V[24]
K	20	494.023	574.590	570.591	570.843	570.339	K[23]
K	21	526.047	549.372	538.358	538.810	538.310	K[22]
K	22	558.070	520.548	506.544	506.796	506.292	K[21]
A	23	575.830	475.525	474.520	474.772	474.270	A[20]
K	24	607.854	460.705	456.701	457.013	456.509	K[19]
K	25	639.877	428.742	424.737	424.989	424.485	K[18]
T	26	665.130	396.718	392.713	392.965	392.461	T[17]
G	27	679.395	371.456	367.451	367.703	367.199	G[16]
A	28	697.154	391.201	383.196	383.448	382.944	A[15]
A	29	714.913	339.441	335.437	335.689	335.185	A[14]
A	30	732.672	321.682	317.677	317.929	317.425	A[13]
G	31	766.626	303.923	299.918	300.170	299.666	G[12]
K	32	778.951	289.667	285.663	285.915	285.411	K[11]
K	33	817.977	297.844	293.839	293.891	293.387	K[10]
T	34	830.601	219.911	214.914	214.898	214.361	T[9]
A	35	867.760	186.595	182.590	182.842	182.338	A[8]
S	36	889.518	169.835	164.831	165.083	164.579	S[7]
G	37	903.773	147.077	143.073	143.325	142.821	G[6]
P	38	928.036	132.822	128.817	129.069	128.565	P[5]
P	39	952.300	108.559	104.554	104.806	104.302	P[4]
V	40	977.067	84.299	80.293	80.545	80.039	V[3]
S	41	998.825	59.529	55.524	55.776	55.272	S[2]
E	42	1031.085	37.771	33.766	34.018	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=39.77
- ▶ F105343.dat
- ▶ query=q14588_p1
- ▶ precursor=687.890030
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	825.206	822.063	0.806	821.861	S[42]
E[2]	56.030	799.458	796.254	0.806	796.053	E[41]
T[3]	76.239	773.649	770.446	0.806	770.244	T[40]
A[4]	90.447	753.440	750.236	0.806	750.035	A[39]
P[5]	109.857	739.232	736.029	0.806	735.827	P[38]
A[6]	124.066	719.022	715.818	0.806	715.617	A[37]
A[7]	138.272	705.815	702.611	0.806	702.409	A[36]
P[8]	157.683	691.407	688.203	0.806	688.002	P[35]
A[9]	171.890	671.997	668.793	0.806	668.591	A[34]
A[10]	186.097	657.789	654.585	0.806	654.384	A[33]
P[11]	205.508	643.582	640.378	0.806	640.176	P[32]
A[12]	219.715	624.171	620.967	0.806	620.766	A[31]
P[13]	239.126	609.964	606.760	0.806	606.558	P[30]
V[14]	258.940	593.553	590.349	0.806	590.148	V[29]
T[15]	284.748	570.739	567.536	0.806	567.334	T[28]
K[16]	310.367	554.931	551.727	541.929	541.526	K[27]
T[17]	330.577	539.312	536.108	536.310	535.907	T[26]
P[18]	349.987	499.102	495.899	496.100	495.697	P[25]
V[19]	369.801	479.692	476.488	476.690	476.287	V[24]
K[20]	395.420	459.878	456.674	456.876	456.473	K[23]
K[21]	421.039	434.259	431.055	431.257	430.854	K[22]
K[22]	446.658	408.640	405.436	405.638	405.235	K[21]
A[23]	460.869	383.021	379.817	380.019	379.616	A[20]
K[24]	486.484	368.814	365.610	365.812	365.408	K[19]
K[25]	512.103	343.195	339.991	340.193	339.790	K[18]
T[26]	532.313	317.576	314.372	314.574	314.171	T[17]
G[27]	543.717	297.366	294.163	294.364	293.961	G[16]
A[28]	557.925	285.962	282.758	282.960	282.557	A[15]
A[29]	572.132	271.755	268.551	268.752	268.349	A[14]
A[30]	586.339	257.547	254.343	254.545	254.142	A[13]
G[31]	597.744	243.340	240.136	240.338	239.934	G[12]
K[32]	623.363	231.935	228.732	228.933	228.530	K[11]
K[33]	654.383	206.316	203.113	203.314	202.911	K[10]
K[34]	680.202	175.096	171.892	172.094	171.691	K[9]
A[35]	698.409	149.477	146.273	146.475	146.072	A[8]
S[36]	711.816	135.270	132.066	132.268	131.864	S[7]
G[37]	723.220	117.863	114.660	114.861	114.458	G[6]
P[38]	742.631	106.456	103.252	103.453	103.054	P[5]
P[39]	762.041	87.049	83.845	84.046	83.643	P[4]
V[40]	781.855	67.638	64.434	64.636	64.233	V[3]
S[41]	799.261	47.824	44.621	44.822	44.419	S[2]
E[42]	825.070	30.418	27.214	27.416	27.013	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=77.50
- ▶ F105343.dat
- ▶ query=q14589_p1
- ▶ precursor=825.266620
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.079	4122.303	4106.285	0.000	4105.277	S[42]
E	2	276.119	3993.261	3977.242	0.000	3976.234	E[41]
L	3	377.167	3864.218	3848.199	0.000	3847.192	L[40]
A	4	448.204	3735.175	3719.155	0.000	3718.148	A[39]
P	5	545.257	3602.133	3586.115	0.000	3585.107	P[38]
A	6	616.294	3505.081	3479.062	0.000	3478.054	A[37]
A	7	667.331	3524.044	3508.026	0.000	3507.017	A[36]
P	8	784.384	3453.000	3436.980	0.000	3435.980	P[35]
A	9	855.421	3355.954	3339.935	0.000	3338.927	A[34]
A	10	926.458	3284.917	3268.898	0.000	3267.890	A[33]
P	11	1023.511	3213.879	3197.861	0.000	3196.853	P[32]
A	12	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
P	13	1161.600	3045.790	3029.771	0.000	3028.763	P[30]
V	14	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1437.711	2949.686	2833.650	0.000	2832.642	E[28]
R	16	1547.806	2720.626	2704.607	0.000	2703.599	R[27]
L	17	1648.854	2592.533	2576.512	2577.520	2575.504	L[26]
P	18	1745.907	2491.483	2475.464	2476.472	2474.457	P[25]
V	19	1864.975	2394.430	2378.412	2379.419	2377.404	V[24]
R	20	1973.070	2295.362	2279.343	2280.351	2278.335	R[23]
R	21	2101.105	2187.287	2151.268	2152.276	2150.260	R[22]
R	22	2229.209	2039.174	2003.153	2004.161	2002.145	R[21]
A	23	2300.297	1911.077	1895.058	1896.066	1894.050	A[20]
R	24	2438.362	1840.040	1824.021	1825.029	1823.013	R[19]
R	25	2556.407	1711.945	1695.926	1696.934	1694.918	R[18]
T	26	2657.535	1583.850	1567.831	1568.839	1566.823	T[17]
G	27	2714.550	1482.802	1466.784	1467.791	1465.775	G[16]
A	28	2785.593	1425.783	1409.764	1410.772	1408.748	A[15]
A	29	2856.631	1354.744	1338.725	1339.733	1337.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
R	32	3112.784	1135.640	1119.620	1120.629	1118.613	R[11]
R	33	3268.805	1027.553	1011.534	1012.542	1010.527	R[10]
R	34	3396.882	971.452	955.433	956.441	954.425	R[9]
A	35	3468.017	743.357	727.338	728.346	726.330	A[8]
S	36	3535.049	672.320	656.301	657.309	655.293	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
P	38	3706.124	508.260	512.248	513.256	511.240	P[5]
P	39	3889.176	431.214	435.195	436.203	434.187	P[4]
V	40	3905.245	334.161	338.142	339.150	337.134	V[3]
S	41	3992.277	235.092	239.074	240.082	238.066	S[2]
E	42	4121.319	148.050	152.032	153.040	151.024	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=77.50
- ▶ F105343.dat
- ▶ query=q14589_p1
- ▶ precursor=825.266620
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E[2]	138.563	1997.134	1989.125	0.504	1988.621	E[41]
T[3]	189.087	1932.613	1924.603	0.504	1924.099	T[40]
A[4]	224.206	1882.089	1874.080	0.504	1873.576	A[39]
P[5]	293.132	1846.570	1838.561	0.504	1838.056	P[38]
A[6]	358.650	1790.044	1782.035	0.504	1781.531	A[37]
A[7]	344.169	1763.525	1754.516	0.504	1754.012	A[36]
F[8]	392.695	1727.007	1718.997	0.504	1718.494	F[35]
A[9]	428.214	1678.488	1670.471	0.504	1669.967	A[34]
A[10]	463.733	1629.969	1621.953	0.504	1621.449	A[33]
P[11]	532.259	1607.443	1599.434	0.504	1598.930	P[32]
A[12]	547.777	1558.917	1550.909	0.504	1550.404	A[31]
P[13]	596.304	1512.398	1511.389	0.504	1511.885	P[30]
V[14]	645.830	1474.872	1466.863	0.504	1466.359	V[29]
E[15]	710.359	1425.338	1417.328	0.504	1416.825	E[28]
R[16]	774.887	1369.817	1368.807	1363.311	1362.806	R[27]
T[17]	824.911	1290.765	1288.760	1289.264	1288.258	T[26]
F[18]	873.437	1246.245	1238.236	1238.740	1237.732	F[25]
V[19]	922.961	1197.719	1189.709	1190.213	1189.206	V[24]
K[20]	987.039	1148.195	1149.195	1148.679	1139.671	K[23]
K[21]	1057.066	1098.737	1078.128	1076.632	1075.624	K[22]
R[22]	1115.134	1020.090	1012.080	1012.584	1011.576	R[21]
A[23]	1150.652	956.042	948.033	948.537	947.529	A[20]
K[24]	1214.700	920.524	912.514	913.018	912.010	K[19]
K[25]	1278.747	856.476	848.467	848.971	847.963	K[18]
T[26]	1329.271	792.429	784.419	784.923	783.915	T[17]
G[27]	1397.892	743.905	731.895	734.399	733.392	G[16]
A[28]	1393.300	713.394	705.385	705.889	704.881	A[15]
A[29]	1428.819	677.876	669.866	670.370	669.362	A[14]
A[30]	1464.337	642.357	634.348	634.852	633.844	A[13]
G[31]	1492.848	606.839	598.830	599.333	598.325	G[12]
K[32]	1556.896	578.328	570.318	570.822	569.814	K[11]
R[33]	1634.946	514.380	506.371	506.875	505.867	R[10]
K[34]	1698.994	436.293	428.283	428.784	427.776	K[9]
A[35]	1734.512	372.182	364.173	364.677	363.669	A[8]
S[36]	1778.028	336.664	328.654	329.158	328.150	S[7]
G[37]	1806.539	291.140	283.130	283.642	284.634	G[6]
P[38]	1855.065	264.617	256.607	257.111	256.103	P[5]
F[39]	1903.592	218.110	209.101	209.605	207.597	F[4]
V[40]	1953.126	167.584	159.575	160.079	159.071	V[3]
S[41]	1996.642	118.050	110.041	110.544	109.537	S[2]
E[42]	2061.161	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=77.50
- ▶ F105343.dat
- ▶ query=q14589_p1
- ▶ precursor=825.266620
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1374.773	1369.433	0.672	1369.097	S 42
E 2	92.711	1331.758	1326.419	0.672	1326.083	E 41
T 3	126.394	1288.744	1283.405	0.672	1283.069	T 40
A 4	150.073	1245.730	1240.391	0.672	1240.055	A 39
F 5	182.424	1231.383	1226.043	0.672	1225.707	F 38
A 6	206.103	1199.632	1193.602	0.672	1193.356	A 37
A 7	229.782	1175.353	1170.013	0.672	1169.677	A 36
P 8	262.133	1151.674	1146.334	0.672	1145.999	P 35
A 9	285.812	1119.323	1113.983	0.672	1113.643	A 34
A 10	309.491	1089.644	1080.304	0.672	1089.968	A 33
P 11	341.842	1071.965	1066.625	0.672	1066.289	P 32
A 12	395.521	1039.614	1034.274	0.672	1033.938	A 31
P 13	397.872	1015.935	1010.595	0.672	1010.259	P 30
V 14	430.894	983.584	978.244	0.672	977.908	V 29
E 15	473.909	950.563	945.221	0.672	944.885	E 28
R 16	516.607	907.547	902.207	902.543	901.871	R 27
T 17	550.290	864.948	859.509	859.845	859.173	T 26
P 18	582.640	831.166	825.826	826.162	825.490	P 25
V 19	615.663	798.815	793.475	793.811	793.139	V 24
K 20	658.362	765.792	760.453	760.789	760.117	K 23
K 21	701.060	722.994	717.254	718.090	717.418	K 22
K 22	743.758	689.399	678.956	679.302	674.739	K 21
A 23	797.437	637.697	632.358	632.694	632.022	A 20
K 24	810.136	614.018	608.679	609.015	608.343	K 19
K 25	852.834	571.320	565.980	566.316	565.644	K 18
T 26	895.516	529.622	523.282	523.618	522.946	T 17
G 27	905.524	494.830	489.509	489.835	489.203	G 16
A 28	929.203	475.922	470.582	470.928	470.256	A 15
A 29	952.382	452.253	446.913	447.249	446.577	A 14
A 30	976.561	428.574	423.234	423.570	422.898	A 13
G 31	995.556	404.895	399.555	399.891	399.219	G 12
K 32	1038.266	385.888	380.548	380.884	380.212	K 11
R 33	1090.300	342.180	337.850	338.186	337.514	R 10
T 34	1112.598	291.159	285.818	286.152	285.480	T 9
A 35	1156.677	245.457	243.118	243.454	242.782	A 8
S 36	1185.688	224.778	219.439	219.775	219.103	S 7
G 37	1204.695	195.767	190.428	190.764	190.092	G 6
P 38	1237.046	176.760	171.421	171.757	171.085	P 5
P 39	1267.397	144.409	139.070	139.406	138.734	P 4
V 40	1302.420	112.951	108.719	109.055	108.383	V 3
S 41	1331.430	75.025	73.686	74.022	73.350	S 2
E 42	1374.445	50.025	44.685	45.021	44.349	E 1

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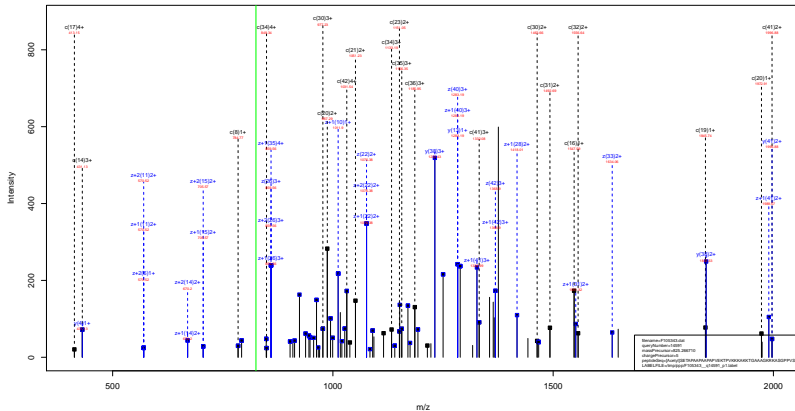
[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=77.50
- ▶ F105343.dat
- ▶ query=q14589_p1
- ▶ precursor=825.266620
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	37.525	1031.331	1027.327	0.755	1027.075	S[42]
E	2	69.785	999.071	895.866	0.755	998.816	E[41]
F	3	95.047	999.911	962.805	0.755	962.553	F[40]
A	4	112.506	945.540	937.543	0.755	937.291	A[39]
P	5	137.070	923.789	919.784	0.755	919.532	P[38]
A	6	154.829	899.520	895.521	0.755	895.269	A[37]
A	7	172.588	883.760	877.762	0.755	877.510	A[36]
P	8	190.551	864.007	860.002	0.755	859.750	P[35]
A	9	214.811	839.744	835.739	0.755	835.487	A[34]
A	10	232.570	824.985	817.980	0.755	817.728	A[33]
P	11	256.633	804.225	800.221	0.755	799.969	P[32]
A	12	274.392	779.962	775.957	0.755	775.705	A[31]
P	13	298.656	762.203	758.198	0.755	757.946	P[30]
V	14	323.423	737.940	733.935	0.755	733.683	V[29]
E	15	355.683	713.173	708.168	0.755	708.916	E[28]
K	16	387.707	689.912	676.807	677.159	676.855	K[27]
T	17	412.999	648.888	644.883	645.135	644.883	T[26]
P	18	437.232	623.620	619.622	619.874	619.370	P[25]
V	19	461.999	599.353	595.358	595.610	595.106	V[24]
K	20	494.023	574.590	570.591	570.843	570.339	K[23]
K	21	526.047	542.372	538.568	538.819	538.316	K[22]
K	22	558.070	510.948	508.344	508.796	508.292	K[21]
A	23	575.830	478.525	474.526	474.772	474.268	A[20]
K	24	607.854	460.705	456.701	457.013	456.509	K[19]
K	25	639.877	428.742	424.737	424.989	424.485	K[18]
T	26	665.139	396.718	392.713	392.965	392.461	T[17]
G	27	679.395	371.456	367.451	367.703	367.199	G[16]
A	28	697.154	367.201	353.196	353.448	352.944	A[15]
A	29	714.913	339.441	335.437	335.689	335.185	A[14]
A	30	732.672	321.682	317.677	317.929	317.425	A[13]
G	31	746.928	303.923	299.918	300.170	299.666	G[12]
K	32	778.951	289.667	285.663	285.915	285.411	K[11]
R	33	817.977	257.644	253.639	253.891	253.387	R[10]
K	34	850.001	218.618	214.614	214.866	214.362	K[9]
A	35	867.760	189.561	185.556	185.808	185.304	A[8]
S	36	889.518	168.835	164.831	165.083	164.579	S[7]
G	37	903.773	147.077	143.073	143.325	142.821	G[6]
P	38	928.036	132.822	128.817	129.069	128.565	P[5]
P	39	952.300	108.559	104.554	104.806	104.302	P[4]
V	40	977.067	84.290	80.291	80.543	80.039	V[3]
S	41	998.825	69.528	65.524	65.776	65.272	S[2]
E	42	1031.085	37.771	33.766	34.018	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE



sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.85
- ▶ F105343.dat
- ▶ query=q14591.p1
- ▶ precursor=825.266710
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.079	4122.303	4106.285	0.000	4105.277	S[42]
E	2	276.119	3993.261	3977.242	0.000	3976.234	E[41]
L	3	377.167	3684.218	3668.199	0.000	3667.192	L[40]
A	4	449.204	3763.175	3747.155	0.000	3746.148	A[39]
P	5	545.257	3692.133	3676.115	0.000	3675.107	P[38]
A	6	616.294	3595.081	3579.062	0.000	3578.054	A[37]
A	7	667.331	3524.044	3508.025	0.000	3507.017	A[36]
P	8	784.384	3453.000	3436.980	0.000	3435.980	P[35]
A	9	855.421	3385.954	3369.935	0.000	3368.927	A[34]
A	10	926.458	3284.917	3268.898	0.000	3267.890	A[33]
P	11	1023.513	3213.879	3197.861	0.000	3196.853	P[32]
A	12	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
P	13	1161.600	3045.790	3029.771	0.000	3028.763	P[30]
V	14	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1437.711	2849.686	2833.666	0.000	2832.642	E[28]
R	16	1547.806	2720.626	2704.607	0.000	2703.599	R[27]
I	17	1648.854	2592.533	2576.512	2577.520	2575.504	I[26]
P	18	1745.907	2491.483	2475.464	2476.472	2474.457	P[25]
V	19	1844.975	2394.430	2378.412	2379.419	2377.404	V[24]
R	20	1973.070	2295.362	2279.343	2280.351	2278.335	R[23]
R	21	2101.105	2187.287	2171.268	2152.250	2150.240	R[22]
R	22	2229.200	2099.174	2083.153	2074.161	2072.145	R[21]
A	23	2300.297	1911.077	1895.058	1896.066	1894.050	A[20]
R	24	2438.392	1840.040	1824.021	1825.029	1823.013	R[19]
R	25	2556.497	1711.945	1695.926	1696.934	1694.918	R[18]
T	26	2657.535	1583.850	1567.831	1568.839	1566.823	T[17]
G	27	2714.550	1482.802	1466.784	1467.791	1465.775	G[16]
A	28	2785.593	1426.781	1410.762	1410.770	1408.754	A[15]
A	29	2856.631	1384.744	1368.725	1369.733	1367.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.679	1196.661	1197.669	1195.643	G[12]
R	32	3112.784	1155.648	1139.629	1140.637	1138.621	R[11]
R	33	3268.885	1027.553	1011.534	1012.542	1010.527	R[10]
R	34	3396.980	971.526	955.507	956.514	954.498	R[9]
A	35	3468.017	743.351	727.330	728.346	726.330	A[8]
S	36	3535.049	672.320	656.301	657.309	655.293	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
P	38	3706.124	508.260	512.248	513.256	511.240	P[5]
P	39	3888.170	431.214	435.195	436.203	434.187	P[4]
V	40	3905.245	336.161	338.142	339.150	337.134	V[3]
S	41	3992.277	235.092	239.074	240.082	238.066	S[2]
E	42	4121.319	148.050	152.032	153.050	151.034	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.85
- ▶ F105343.dat
- ▶ query=q14591_p1
- ▶ precursor=825.266710
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E[2]	138.563	1997.134	1989.125	0.504	1988.621	E[41]
T[3]	189.087	1932.613	1924.603	0.504	1924.090	T[40]
A[4]	224.206	1878.080	1874.080	0.504	1873.576	A[39]
P[5]	293.135	1846.570	1838.561	0.504	1838.056	P[38]
A[6]	358.650	1790.044	1790.035	0.504	1789.531	A[37]
A[7]	344.169	1763.525	1754.516	0.504	1754.012	A[36]
F[8]	392.695	1727.007	1718.997	0.504	1718.494	F[35]
A[9]	428.214	1678.480	1670.471	0.504	1669.967	A[34]
A[10]	463.733	1642.962	1634.953	0.504	1634.449	A[33]
P[11]	532.259	1597.443	1599.434	0.504	1599.929	P[32]
A[12]	547.777	1558.017	1550.998	0.504	1554.994	A[31]
F[13]	596.304	1523.500	1515.490	0.504	1514.986	F[30]
V[14]	645.830	1474.972	1466.963	0.504	1466.359	V[29]
E[15]	710.359	1425.338	1417.328	0.504	1416.825	E[28]
R[16]	774.407	1369.817	1361.807	1353.313	1352.809	R[27]
T[17]	824.931	1290.765	1288.760	1289.264	1288.256	T[26]
F[18]	873.457	1246.245	1238.236	1238.740	1237.732	F[25]
V[19]	922.991	1197.719	1189.709	1190.213	1189.206	V[24]
K[20]	987.039	1148.195	1140.175	1140.679	1139.671	K[23]
K[21]	1051.066	1084.137	1076.128	1076.632	1075.624	K[22]
K[22]	1115.134	1020.090	1012.080	1012.584	1011.576	K[21]
A[23]	1150.652	956.042	948.033	948.537	947.529	A[20]
K[24]	1214.700	920.524	912.514	913.018	912.010	K[19]
K[25]	1278.747	876.476	848.467	848.971	847.963	K[18]
T[26]	1329.271	792.429	784.419	784.923	783.915	T[17]
G[27]	1397.892	743.926	733.926	734.926	733.926	G[16]
A[28]	1393.300	713.394	705.385	705.889	704.881	A[15]
A[29]	1428.819	677.876	669.866	670.370	669.362	A[14]
A[30]	1464.337	642.357	634.348	634.852	633.844	A[13]
G[31]	1492.848	606.839	598.829	599.333	598.325	G[12]
K[32]	1556.896	570.326	570.318	570.822	569.814	K[11]
R[33]	1634.944	514.360	506.351	506.855	505.847	R[10]
K[34]	1698.994	438.230	428.230	428.734	427.730	K[9]
A[35]	1734.512	372.182	364.173	364.677	363.669	A[8]
S[36]	1778.028	338.664	328.654	329.158	328.150	S[7]
G[37]	1806.539	293.140	285.130	285.642	284.634	G[6]
F[38]	1855.065	264.617	256.607	257.111	256.103	F[5]
P[39]	1903.592	218.110	208.101	208.605	207.597	P[4]
V[40]	1953.126	167.584	159.575	160.079	159.071	V[3]
S[41]	1996.642	118.050	110.041	110.544	109.537	S[2]
E[42]	2061.163	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.85
- ▶ F105343.dat
- ▶ query=q14591_p1
- ▶ precursor=825.266710
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1374.773	1369.433	0.672	1369.097	S[42]
E	2	92.711	1331.758	1326.419	0.672	1326.083	E[41]
T	3	126.394	1288.744	1283.405	0.672	1283.065	T[40]
A	4	150.078	1255.96	1249.722	0.672	1249.383	A[39]
P	5	182.424	1231.383	1228.043	0.672	1225.707	P[38]
A	6	206.103	1199.032	1193.692	0.672	1193.356	A[37]
A	7	229.782	1175.353	1170.013	0.672	1169.677	A[36]
P	8	262.133	1151.674	1146.334	0.672	1145.990	P[35]
A	9	285.812	1119.323	1113.803	0.672	1113.447	A[34]
A	10	309.491	1089.644	1090.304	0.672	1089.968	A[33]
P	11	341.842	1071.965	1056.625	0.672	1056.259	P[32]
A	12	365.521	1039.614	1034.274	0.672	1033.938	A[31]
P	13	397.872	1015.935	1010.595	0.672	1010.259	P[30]
V	14	430.894	983.584	978.264	0.672	977.908	V[29]
E	15	473.909	959.563	945.221	0.672	944.885	E[28]
R	16	516.607	937.547	902.207	0.672	901.871	R[27]
T	17	550.290	884.848	859.509	0.672	859.173	T[26]
P	18	582.640	831.166	825.826	0.672	825.490	P[25]
V	19	615.693	799.815	793.475	0.672	793.139	V[24]
K	20	658.362	765.792	760.453	0.672	760.117	K[23]
K	21	701.090	723.094	717.754	0.672	717.418	K[22]
K	22	743.758	689.396	678.956	0.672	678.720	K[21]
A	23	787.437	637.697	632.358	0.672	632.022	A[20]
K	24	810.136	614.018	608.679	0.672	608.343	K[19]
K	25	852.834	571.320	565.980	0.672	565.644	K[18]
T	26	895.516	529.622	523.282	0.672	522.946	T[17]
G	27	905.524	494.930	489.590	0.672	489.254	G[16]
A	28	929.203	475.932	470.592	0.672	470.256	A[15]
A	29	952.882	452.253	446.913	0.672	446.577	A[14]
A	30	976.561	428.574	423.234	0.672	422.898	A[13]
G	31	995.566	404.895	399.555	0.672	399.219	G[12]
K	32	1038.266	385.888	380.548	0.672	380.212	K[11]
K	33	1090.300	342.180	337.850	0.672	337.514	K[10]
R	34	1132.596	291.159	285.818	0.672	285.482	R[9]
A	35	1156.677	245.457	243.118	0.672	242.782	A[8]
S	36	1185.688	224.778	219.439	0.672	219.103	S[7]
G	37	1204.695	195.767	190.428	0.672	190.092	G[6]
P	38	1237.046	176.760	171.421	0.672	171.085	P[5]
P	39	1269.397	144.409	139.070	0.672	138.734	P[4]
V	40	1302.426	112.954	108.119	0.672	107.685	V[3]
S	41	1331.430	75.030	73.690	0.672	73.354	S[2]
E	42	1374.445	50.025	44.685	0.672	44.349	E[1]

sp | P43277 | H13_MOUSE

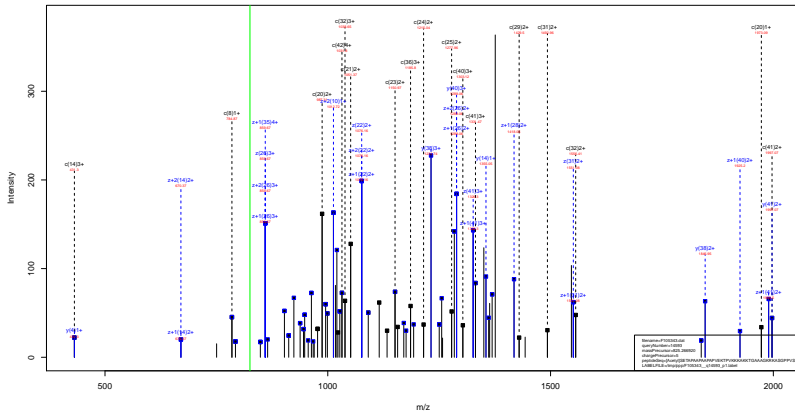
[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=59.85
- ▶ F105343.dat
- ▶ query=q14591.p1
- ▶ precursor=825.266710
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1031.331	1027.327	0.755	1027.075	E[42]
E	2	60.785	999.071	995.066	0.755	994.814	E[41]
T	3	95.047	966.810	962.805	0.755	962.553	F[40]
A	4	112.808	941.542	937.543	0.755	937.291	A[39]
P	5	137.070	923.789	919.794	0.755	919.532	P[38]
A	6	154.829	899.526	895.521	0.755	895.269	A[37]
A	7	172.588	881.766	877.762	0.755	877.510	A[36]
P	8	196.851	864.007	860.002	0.755	859.750	P[35]
A	9	214.611	839.744	835.739	0.755	835.487	A[34]
A	10	232.370	821.985	817.980	0.755	817.728	A[33]
P	11	256.633	804.225	800.221	0.755	799.969	P[32]
A	12	274.392	779.962	775.957	0.755	775.705	A[31]
P	13	298.656	762.203	758.198	0.755	757.946	P[30]
V	14	323.423	737.940	733.935	0.755	733.683	V[29]
E	15	355.683	713.373	709.368	0.755	709.116	E[28]
R	16	387.937	689.912	685.907	0.755	685.655	R[27]
T	17	412.969	648.388	644.383	0.755	644.132	T[26]
P	18	437.232	623.626	619.622	0.755	619.370	P[25]
V	19	461.999	599.363	595.358	0.755	595.106	V[24]
K	20	494.023	574.596	570.591	570.843	570.339	K[23]
K	21	526.047	549.327	545.322	0.755	545.070	K[22]
K	22	558.070	524.560	520.555	0.755	520.303	K[21]
A	23	575.330	475.525	471.520	0.755	471.268	A[20]
K	24	607.854	460.765	456.761	0.755	456.509	K[19]
K	25	639.877	428.742	424.737	0.755	424.485	K[18]
T	26	665.139	396.718	392.713	0.755	392.461	T[17]
G	27	679.395	371.456	367.451	0.755	367.199	G[16]
A	28	697.154	397.201	393.196	0.755	392.944	A[15]
A	29	714.913	339.441	335.437	0.755	335.185	A[14]
A	30	732.672	311.682	307.677	0.755	307.425	A[13]
G	31	766.626	303.923	299.918	0.755	299.666	G[12]
K	32	778.951	289.667	285.663	0.755	285.411	K[11]
K	33	812.977	297.844	293.839	0.755	293.587	K[10]
T	34	850.001	219.913	214.914	0.755	214.365	T[9]
A	35	867.760	186.995	182.990	0.755	182.738	A[8]
S	36	889.518	169.835	164.831	0.755	164.579	S[7]
G	37	903.773	147.077	143.073	0.755	142.821	G[6]
P	38	928.036	132.822	128.817	0.755	128.565	P[5]
P	39	952.300	108.566	104.564	0.755	104.307	P[4]
V	40	977.067	84.399	80.393	0.755	80.139	V[3]
S	41	998.825	55.524	55.524	0.755	55.272	S[2]
E	42	1031.085	37.771	37.766	0.755	37.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE



MassBank:SP103201.dat
Query: [Acetyl]P43277_1_0002
Identified: [Acetyl]P43277_1_0002
Charge: [Acetyl]P43277_1_0002
Protein: [Acetyl]P43277_1_0002
LAMBDA: 214.915 nm, 214.915 nm, 214.915 nm

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.82
- ▶ F105343.dat
- ▶ query=q14593.p1
- ▶ precursor=825.266920
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4122.303	4106.295	0.000	4105.277	S[42]
E	2	276.119	3693.261	3677.242	0.000	3676.234	E[41]
T	3	377.187	3366.213	3348.199	0.000	3347.182	T[40]
A	4	448.204	3163.170	3147.152	0.000	3146.144	A[39]
P	5	545.297	3062.131	3076.115	0.000	3075.107	P[38]
A	6	616.294	3095.081	3079.062	0.000	3078.054	A[37]
A	7	687.331	3524.044	3508.025	0.000	3507.017	A[36]
F	8	784.384	3453.000	3436.988	0.000	3435.980	F[35]
A	9	855.421	3393.954	3339.935	0.000	3338.927	A[34]
A	10	926.458	3266.911	3266.898	0.000	3267.896	A[33]
P	11	1023.511	3213.879	3197.861	0.000	3196.853	P[32]
A	12	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
F	13	1191.600	3045.790	3029.771	0.000	3028.763	F[30]
V	14	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1419.711	2849.686	2833.665	0.000	2832.642	E[28]
R	16	1547.806	2720.620	2704.607	2705.616	2703.599	R[27]
T	17	1648.854	2592.531	2576.512	2577.520	2575.504	T[26]
P	18	1745.907	2491.483	2475.464	2476.472	2474.453	P[25]
V	19	1844.975	2394.430	2378.412	2379.419	2377.404	V[24]
K	20	1973.070	2295.362	2279.343	2280.351	2278.339	K[23]
K	21	2101.105	2187.287	2151.248	2152.256	2150.240	K[22]
K	22	2229.240	2099.172	2026.133	2024.161	2022.145	K[21]
A	23	2300.297	1911.077	1895.058	1896.066	1894.050	A[20]
K	24	2428.392	1840.040	1824.021	1825.029	1823.013	K[19]
K	25	2506.487	1711.945	1695.926	1696.934	1694.919	K[18]
T	26	2657.535	1583.850	1567.831	1568.839	1566.823	T[17]
G	27	2714.556	1482.802	1466.784	1467.791	1465.776	G[16]
A	28	2785.593	1425.761	1409.742	1410.750	1408.734	A[15]
A	29	2856.631	1354.744	1338.725	1339.733	1337.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
K	32	3112.784	1155.648	1139.629	1140.637	1138.621	K[11]
R	33	3268.685	1027.553	1011.534	1012.542	1010.527	R[10]
R	34	3306.660	914.482	898.463	899.471	897.455	R[9]
A	35	3468.017	743.357	727.338	728.346	726.330	A[8]
S	36	3555.040	672.320	656.301	657.309	655.293	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
F	38	3709.124	528.260	512.240	513.250	511.240	F[5]
F	39	3806.176	431.214	415.195	416.203	414.187	F[4]
V	40	3905.245	336.181	320.162	321.170	319.156	V[3]
S	41	3962.277	235.092	219.074	220.082	218.066	S[2]
E	42	4121.319	148.060	132.042	133.050	131.034	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.82
- ▶ F105343.dat
- ▶ query=q14593.p1
- ▶ precursor=825.266920
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E[2]	138.563	1997.134	1989.125	0.504	1988.621	E[41]
T[3]	189.087	1932.613	1924.603	0.504	1924.090	T[40]
A[4]	224.606	1828.089	1820.080	0.504	1817.570	A[39]
F[5]	293.135	1846.576	1838.561	0.504	1838.057	F[38]
A[6]	358.650	1790.044	1790.035	0.504	1789.531	A[37]
A[7]	344.169	1763.525	1754.516	0.504	1754.012	A[36]
F[8]	392.695	1727.007	1718.997	0.504	1718.494	F[35]
A[9]	428.214	1678.480	1670.471	0.504	1669.967	A[34]
A[10]	463.733	1642.962	1634.953	0.504	1634.448	A[33]
F[11]	532.259	1607.443	1599.434	0.504	1599.930	F[32]
A[12]	547.777	1558.017	1550.008	0.504	1550.404	A[31]
F[13]	596.304	1523.308	1515.299	0.504	1514.795	F[30]
V[14]	645.830	1474.872	1466.863	0.504	1466.359	V[29]
E[15]	710.359	1426.339	1417.328	0.504	1416.825	E[28]
R[16]	774.887	1360.817	1352.807	1353.311	1352.300	R[27]
T[17]	824.911	1296.769	1288.760	1289.264	1288.256	T[26]
F[18]	873.437	1246.245	1238.236	1238.740	1237.732	F[25]
V[19]	922.961	1197.719	1189.709	1190.213	1189.206	V[24]
K[20]	987.039	1148.195	1140.185	1140.679	1139.671	K[23]
R[21]	1051.066	1098.737	1078.128	1076.632	1075.624	R[22]
K[22]	1115.134	1020.090	1012.080	1012.584	1011.576	K[21]
A[23]	1150.652	956.042	948.033	948.537	947.529	A[20]
K[24]	1214.700	920.524	912.514	913.018	912.010	K[19]
K[25]	1278.747	876.476	846.467	848.971	847.963	K[18]
T[26]	1329.271	792.429	784.419	784.923	783.915	T[17]
G[27]	1387.802	741.905	733.895	734.399	733.390	G[16]
A[28]	1393.300	713.394	705.385	705.889	704.881	A[15]
A[29]	1428.819	677.876	669.866	670.370	669.362	A[14]
A[30]	1464.337	642.367	634.358	634.862	633.844	A[13]
G[31]	1492.848	606.839	598.829	599.333	598.325	G[12]
K[32]	1556.896	576.328	570.318	570.822	569.814	K[11]
R[33]	1624.945	514.300	506.271	506.775	505.766	R[10]
K[34]	1698.994	436.230	428.210	428.724	427.716	K[9]
A[35]	1734.512	372.182	364.173	364.677	363.669	A[8]
S[36]	1778.028	336.664	328.654	329.158	328.150	S[7]
G[37]	1806.539	291.140	285.130	285.642	284.634	G[6]
F[38]	1855.068	264.617	260.607	261.111	260.103	F[5]
F[39]	1903.592	218.110	208.101	208.605	207.597	F[4]
V[40]	1953.126	167.584	159.575	160.079	159.071	V[3]
S[41]	1996.642	118.050	110.041	110.544	109.537	S[2]
E[42]	2061.161	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.82
- ▶ F105343.dat
- ▶ query=q14593.p1
- ▶ precursor=825.266920
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1374.773	1369.433	0.672	1369.097	S[42]
E	2	92.711	1331.758	1326.419	0.672	1326.083	E[41]
T	3	126.394	1308.745	1283.405	0.672	1283.030	T[40]
A	4	150.079	1255.062	1249.722	0.672	1249.386	A[39]
P	5	182.424	1231.383	1228.043	0.672	1225.707	P[38]
A	6	206.103	1199.032	1193.602	0.672	1193.356	A[37]
A	7	229.782	1175.353	1170.013	0.672	1169.677	A[36]
P	8	262.133	1151.674	1146.334	0.672	1145.990	P[35]
A	9	285.812	1119.323	1113.983	0.672	1113.647	A[34]
A	10	309.491	1089.844	1090.304	0.672	1089.966	A[33]
P	11	341.842	1071.905	1056.625	0.672	1056.289	P[32]
A	12	365.521	1039.614	1034.274	0.672	1033.938	A[31]
P	13	397.872	1015.935	1010.595	0.672	1010.259	P[30]
V	14	430.894	983.584	978.244	0.672	977.908	V[29]
E	15	473.909	959.363	945.221	0.672	944.885	E[28]
R	16	516.607	937.547	902.207	902.543	901.871	R[27]
T	17	550.290	964.848	859.509	859.845	859.173	T[26]
P	18	582.640	831.166	825.826	826.162	825.490	P[25]
V	19	615.663	799.815	793.475	793.811	793.139	V[24]
K	20	658.362	765.792	760.453	760.789	760.117	K[23]
K	21	701.060	723.094	717.754	718.090	717.418	K[22]
K	22	743.758	689.396	678.956	679.302	678.730	K[21]
A	23	787.437	637.697	632.358	632.694	632.022	A[20]
K	24	810.136	614.018	608.679	609.015	608.343	K[19]
K	25	852.834	571.320	565.980	566.316	565.644	K[18]
T	26	895.516	529.622	523.282	523.618	522.946	T[17]
G	27	905.524	494.830	489.509	489.835	489.203	G[16]
A	28	929.203	475.927	470.582	470.928	470.256	A[15]
A	29	952.882	452.253	446.913	447.249	446.577	A[14]
A	30	976.561	428.574	423.234	423.570	422.898	A[13]
G	31	995.568	404.895	399.555	399.891	399.219	G[12]
K	32	1038.266	385.888	380.548	380.884	380.212	K[11]
K	33	1090.300	342.180	337.850	338.186	337.514	K[10]
R	34	1132.596	291.159	285.818	286.152	285.480	R[9]
A	35	1156.677	245.457	243.118	243.454	242.782	A[8]
S	36	1185.688	224.778	219.439	219.775	219.103	S[7]
G	37	1204.695	195.767	190.428	190.764	190.092	G[6]
P	38	1237.046	176.760	171.421	171.757	171.085	P[5]
P	39	1269.397	144.409	139.070	139.406	138.734	P[4]
V	40	1302.420	112.954	108.719	109.055	108.383	V[3]
S	41	1331.430	75.030	73.690	74.032	73.360	S[2]
E	42	1374.445	50.025	44.685	45.021	44.349	E[1]

sp | P43277 | H13_MOUSE

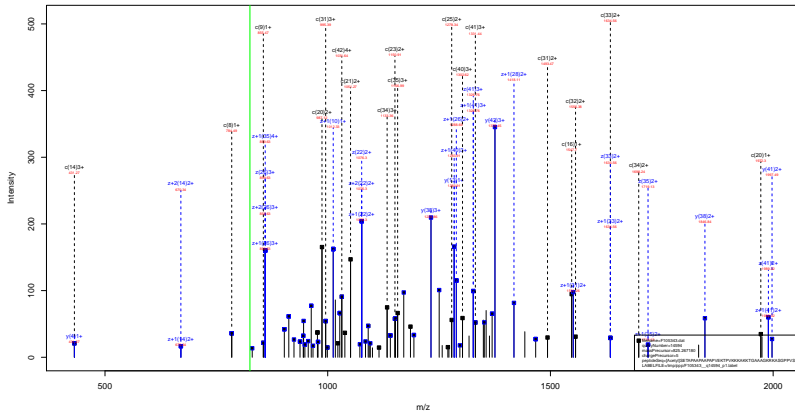
[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.82
- ▶ F105343.dat
- ▶ query=q14593.p1
- ▶ precursor=825.266920
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	37.525	1031.331	1027.327	0.755	1027.075	S[42]
E	2	69.785	999.071	995.066	0.755	994.814	E[41]
F	3	95.047	966.810	962.805	0.755	962.553	F[40]
A	4	112.506	945.545	937.543	0.755	937.291	A[39]
P	5	137.070	923.789	919.784	0.755	919.532	P[38]
A	6	154.829	899.520	895.521	0.755	895.269	A[37]
A	7	172.588	883.760	877.762	0.755	877.510	A[36]
P	8	190.351	864.007	860.002	0.755	859.750	P[35]
A	9	214.811	839.744	835.739	0.755	835.487	A[34]
A	10	232.570	824.989	817.980	0.755	817.728	A[33]
P	11	256.633	804.225	800.221	0.755	799.969	P[32]
A	12	274.392	779.969	775.967	0.755	775.705	A[31]
P	13	298.656	762.203	758.198	0.755	757.946	P[30]
V	14	323.423	737.940	733.935	0.755	733.683	V[29]
E	15	355.683	713.173	709.168	0.755	708.916	E[28]
K	16	387.707	689.917	676.807	677.159	676.951	K[27]
T	17	412.999	648.888	644.883	645.135	644.833	T[26]
P	18	437.232	623.620	619.622	619.874	619.370	P[25]
V	19	461.999	599.363	595.358	595.610	595.106	V[24]
K	20	494.023	574.590	570.591	570.843	570.339	K[23]
K	21	526.047	542.372	538.368	538.619	538.316	K[22]
K	22	568.070	510.949	506.944	507.196	506.292	K[21]
A	23	575.930	478.525	474.526	474.772	474.268	A[20]
K	24	607.894	460.705	456.701	457.013	456.509	K[19]
K	25	639.877	428.742	424.737	424.989	424.485	K[18]
T	26	665.139	396.718	392.713	392.965	392.461	T[17]
G	27	679.395	371.458	367.451	367.703	367.199	G[16]
A	28	697.154	367.201	363.196	363.448	362.944	A[15]
A	29	714.913	339.441	335.437	335.689	335.185	A[14]
A	30	732.672	321.682	317.677	317.929	317.425	A[13]
G	31	746.928	303.923	299.918	300.170	299.666	G[12]
K	32	778.951	289.667	285.663	285.915	285.411	K[11]
R	33	817.977	257.644	253.639	253.891	253.387	R[10]
K	34	850.001	218.618	214.614	214.866	214.362	K[9]
A	35	867.760	189.561	185.556	185.808	185.304	A[8]
S	36	889.518	168.835	164.831	165.083	164.579	S[7]
G	37	903.773	147.077	143.073	143.325	142.821	G[6]
P	38	928.036	132.822	128.817	129.069	128.565	P[5]
P	39	952.300	108.559	104.554	104.806	104.302	P[4]
V	40	977.067	84.296	80.291	80.543	80.039	V[3]
S	41	998.825	69.528	65.524	65.776	65.272	S[2]
E	42	1031.085	37.771	33.766	34.018	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE



sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.06
- ▶ F105343.dat
- ▶ query=q14594_p1
- ▶ precursor=825.267180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4122.303	4106.285	0.000	4105.277	S[42]
E	2	276.119	3993.261	3977.242	0.000	3976.234	E[41]
L	3	377.167	3684.218	3668.199	0.000	3667.192	L[40]
A	4	448.204	3763.175	3747.155	0.000	3746.144	A[39]
P	5	545.257	3692.133	3676.115	0.000	3675.107	P[38]
A	6	616.294	3595.081	3579.062	0.000	3578.054	A[37]
A	7	667.331	3524.044	3508.025	0.000	3507.017	A[36]
P	8	764.384	3453.000	3436.980	0.000	3435.980	P[35]
A	9	855.421	3385.954	3369.935	0.000	3368.927	A[34]
A	10	926.458	3284.917	3268.898	0.000	3267.890	A[33]
P	11	1023.511	3213.879	3197.861	0.000	3196.853	P[32]
A	12	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
P	13	1161.600	3045.790	3029.771	0.000	3028.763	P[30]
V	14	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1437.711	2849.686	2833.666	0.000	2832.642	E[28]
R	16	1547.806	2720.626	2704.607	0.000	2703.599	R[27]
I	17	1648.854	2592.533	2576.512	2577.520	2575.504	I[26]
P	18	1745.907	2491.483	2475.464	2476.472	2474.457	P[25]
V	19	1844.975	2394.430	2378.412	2379.419	2377.404	V[24]
K	20	1973.070	2295.367	2279.343	2280.351	2278.335	K[23]
R	21	2101.105	2187.287	2171.268	2182.295	2180.246	R[22]
R	22	2229.269	2099.174	2083.153	2084.161	2082.145	R[21]
A	23	2300.297	1911.077	1895.058	1896.066	1894.050	A[20]
R	24	2438.362	1840.040	1824.021	1825.029	1823.013	R[19]
K	25	2556.407	1711.945	1695.926	1696.934	1694.918	K[18]
T	26	2657.535	1583.850	1567.831	1568.839	1566.823	T[17]
G	27	2714.556	1482.802	1466.784	1467.791	1465.775	G[16]
A	28	2785.593	1426.781	1410.762	1411.770	1409.754	A[15]
A	29	2856.631	1384.744	1368.725	1369.733	1367.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
K	32	3112.784	1150.640	1134.620	1140.637	1138.621	K[11]
R	33	3268.805	1027.553	1011.534	1012.542	1010.527	R[10]
R	34	3396.892	971.524	955.433	956.441	954.425	R[9]
A	35	3468.017	743.357	727.338	728.346	726.330	A[8]
S	36	3535.049	672.320	656.301	657.309	655.293	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
P	38	3706.124	508.266	512.248	513.256	511.240	P[5]
P	39	3808.176	431.214	415.195	416.203	414.187	P[4]
V	40	3905.245	334.161	318.142	319.150	317.134	V[3]
S	41	3992.277	235.092	219.074	220.082	218.066	S[2]
E	42	4121.319	148.050	132.032	133.040	131.024	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.06
- ▶ F105343.dat
- ▶ query=q14594_p1
- ▶ precursor=825.267180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E[2]	138.563	1997.134	1989.125	0.504	1988.621	E[41]
T[3]	189.087	1932.613	1924.603	0.504	1924.090	T[40]
A[4]	224.206	1926.089	1874.080	0.504	1873.576	A[39]
P[5]	293.135	1846.570	1838.561	0.504	1838.056	P[38]
A[6]	358.650	1790.044	1790.035	0.504	1790.531	A[37]
A[7]	344.169	1762.525	1754.516	0.504	1754.012	A[36]
F[8]	392.695	1727.007	1718.997	0.504	1718.494	F[35]
A[9]	428.214	1678.480	1670.471	0.504	1669.967	A[34]
A[10]	463.733	1642.962	1634.953	0.504	1634.449	A[33]
P[11]	532.259	1607.443	1559.434	0.504	1558.930	P[32]
A[12]	547.777	1558.017	1550.908	0.504	1550.404	A[31]
P[13]	596.304	1523.399	1515.389	0.504	1514.885	P[30]
V[14]	645.830	1474.872	1466.863	0.504	1466.359	V[29]
E[15]	710.359	1425.356	1417.328	0.504	1416.825	E[28]
R[16]	774.887	1369.811	1362.802	1353.311	1352.303	R[27]
T[17]	824.911	1296.768	1288.760	1289.264	1288.256	T[26]
F[18]	873.437	1246.245	1238.236	1238.740	1237.732	F[25]
V[19]	922.961	1197.719	1189.709	1190.213	1189.206	V[24]
K[20]	987.039	1148.195	1140.175	1140.679	1139.671	K[23]
R[21]	1051.066	1084.137	1076.128	1076.632	1075.624	R[22]
K[22]	1115.134	1020.080	1012.080	1012.584	1011.576	K[21]
A[23]	1150.652	956.042	948.033	948.537	947.529	A[20]
K[24]	1214.700	920.524	912.514	913.018	912.010	K[19]
K[25]	1278.747	856.476	848.467	848.971	847.963	K[18]
T[26]	1329.271	792.429	784.419	784.923	783.915	T[17]
G[27]	1397.892	741.905	733.895	734.399	733.391	G[16]
A[28]	1393.300	713.394	705.385	705.889	704.881	A[15]
A[29]	1428.819	677.876	669.866	670.370	669.362	A[14]
A[30]	1464.337	642.357	634.348	634.852	633.844	A[13]
G[31]	1492.848	606.839	598.830	599.333	598.325	G[12]
K[32]	1556.896	578.328	570.318	570.822	569.814	K[11]
R[33]	1624.946	514.800	506.791	507.295	506.287	R[10]
R[34]	1698.994	436.280	428.270	428.774	427.766	R[9]
A[35]	1734.512	372.182	364.173	364.677	363.669	A[8]
S[36]	1778.028	336.664	328.654	329.158	328.150	S[7]
G[37]	1806.539	291.140	283.130	283.634	282.626	G[6]
F[38]	1855.065	264.617	256.607	257.111	256.103	F[5]
P[39]	1903.592	218.110	210.101	210.605	209.597	P[4]
V[40]	1953.126	167.584	159.575	160.079	159.071	V[3]
S[41]	1996.642	118.050	110.041	110.544	109.537	S[2]
E[42]	2061.161	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.06
- ▶ F105343.dat
- ▶ query=q14594_p1
- ▶ precursor=825.267180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1374.773	1369.433	0.672	1369.097	S 42
E 2	92.711	1331.758	1326.419	0.672	1326.083	E 41
T 3	126.394	1288.744	1283.405	0.672	1283.069	T 40
A 4	150.073	1245.729	1240.390	0.672	1240.389	A 39
P 5	182.424	1231.383	1226.043	0.672	1225.707	P 38
A 6	206.103	1199.032	1193.692	0.672	1193.356	A 37
A 7	229.782	1175.351	1170.013	0.672	1169.677	A 36
P 8	262.133	1151.674	1146.334	0.672	1145.999	P 35
A 9	285.812	1119.273	1113.933	0.672	1113.647	A 34
A 10	309.491	1095.644	1090.304	0.672	1089.969	A 33
P 11	341.842	1071.965	1066.625	0.672	1066.289	P 32
A 12	365.521	1039.614	1034.274	0.672	1033.938	A 31
P 13	397.872	1015.935	1010.595	0.672	1010.259	P 30
V 14	430.894	983.584	978.244	0.672	977.908	V 29
E 15	473.909	959.563	945.221	0.672	944.885	E 28
R 16	516.607	937.547	902.307	902.543	901.871	R 27
T 17	550.290	884.848	859.509	859.845	859.173	T 26
P 18	582.640	831.166	825.826	826.162	825.490	P 25
V 19	615.663	798.815	793.475	793.811	793.139	V 24
K 20	658.362	765.792	760.453	760.789	760.117	K 23
K 21	701.060	722.094	717.754	718.090	717.418	K 22
K 22	743.758	689.399	675.059	675.392	674.720	K 21
A 23	787.437	637.697	632.358	632.694	632.022	A 20
K 24	810.136	614.018	608.679	609.015	608.343	K 19
K 25	852.834	571.320	565.980	566.316	565.644	K 18
T 26	895.516	529.622	523.282	523.618	522.946	T 17
G 27	905.524	494.830	489.509	489.835	489.203	G 16
A 28	929.203	475.927	470.582	470.928	470.256	A 15
A 29	952.882	452.253	446.913	447.249	446.577	A 14
A 30	976.561	428.574	423.234	423.570	422.898	A 13
G 31	995.568	404.895	399.555	399.891	399.219	G 12
K 32	1038.266	385.888	380.548	380.884	380.212	K 11
K 33	1090.300	342.180	337.850	338.186	337.514	K 10
R 34	1112.596	291.159	285.818	286.152	285.480	R 9
A 35	1156.677	245.457	243.118	243.454	242.782	A 8
S 36	1185.688	224.778	219.439	219.775	219.103	S 7
G 37	1204.695	195.767	190.428	190.764	190.092	G 6
P 38	1237.046	176.760	171.421	171.757	171.085	P 5
P 39	1269.397	144.409	139.070	139.406	138.734	P 4
V 40	1302.420	112.051	106.719	107.055	106.383	V 3
S 41	1331.430	75.030	73.696	74.032	73.360	S 2
E 42	1374.445	50.025	44.685	45.021	44.349	E 1

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=53.06
- ▶ F105343.dat
- ▶ query=q14594_p1
- ▶ precursor=825.267180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1031.331	1027.327	0.755	1027.075	S[42]
E	2	69.785	999.071	995.066	0.755	994.814	E[41]
T	3	95.047	950.810	942.805	0.755	942.553	T[40]
A	4	112.506	943.545	937.543	0.755	937.291	A[39]
P	5	137.070	923.789	919.784	0.755	919.532	P[38]
A	6	154.829	899.520	895.521	0.755	895.269	A[37]
A	7	172.588	883.760	877.762	0.755	877.510	A[36]
P	8	190.351	864.007	860.002	0.755	859.750	P[35]
A	9	214.811	839.744	835.739	0.755	835.487	A[34]
A	10	232.570	824.989	817.980	0.755	817.728	A[33]
P	11	256.633	804.225	800.221	0.755	799.969	P[32]
A	12	274.392	779.969	775.967	0.755	775.705	A[31]
P	13	298.656	762.203	758.198	0.755	757.946	P[30]
V	14	323.423	737.940	733.935	0.755	733.683	V[29]
E	15	355.683	713.173	709.168	0.755	708.916	E[28]
K	16	387.707	689.913	676.807	677.159	676.953	K[27]
T	17	412.999	648.888	644.883	645.135	644.033	T[26]
P	18	437.232	623.620	619.622	619.874	619.370	P[25]
V	19	461.999	599.353	595.358	595.610	595.106	V[24]
K	20	494.023	574.590	570.591	570.843	570.339	K[23]
K	21	526.047	542.372	538.368	538.619	538.316	K[22]
K	22	568.070	510.949	506.944	507.196	506.292	K[21]
A	23	575.930	478.525	474.526	474.772	474.268	A[20]
K	24	607.894	460.705	456.701	457.013	456.509	K[19]
K	25	639.877	428.742	424.737	424.989	424.485	K[18]
T	26	665.139	396.718	392.713	392.965	392.461	T[17]
G	27	679.395	371.458	367.451	367.703	367.199	G[16]
A	28	697.154	367.201	363.196	363.448	362.944	A[15]
A	29	714.913	339.441	335.437	335.689	335.185	A[14]
A	30	732.672	321.682	317.677	317.929	317.425	A[13]
G	31	746.928	303.923	299.918	300.170	299.666	G[12]
K	32	778.951	289.667	285.663	285.915	285.411	K[11]
R	33	817.977	257.644	253.639	253.891	253.387	R[10]
K	34	850.001	218.618	214.614	214.866	214.362	K[9]
A	35	867.760	189.561	185.556	185.808	185.304	A[8]
S	36	889.518	168.835	164.831	165.083	164.579	S[7]
G	37	903.773	147.077	143.073	143.325	142.821	G[6]
P	38	928.036	132.822	128.817	129.069	128.565	P[5]
P	39	952.300	108.559	104.554	104.806	104.302	P[4]
V	40	977.067	84.296	80.291	80.543	80.039	V[3]
S	41	998.825	69.528	65.524	65.776	65.272	S[2]
E	42	1031.085	37.771	33.766	34.018	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.34
- ▶ F105343.dat
- ▶ query=q14601.p1
- ▶ precursor=825.268710
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.079	4122.303	4106.285	0.000	4105.277	S[42]
E	2	276.119	3993.261	3977.242	0.000	3976.234	E[41]
L	3	377.167	3684.218	3668.199	0.000	3667.192	L[40]
A	4	448.204	3763.175	3747.155	0.000	3746.144	A[39]
P	5	545.257	3692.133	3676.115	0.000	3675.107	P[38]
A	6	616.294	3595.081	3579.062	0.000	3578.054	A[37]
A	7	667.331	3524.044	3508.025	0.000	3507.017	A[36]
P	8	784.384	3453.000	3436.980	0.000	3435.969	P[35]
A	9	855.421	3355.954	3339.935	0.000	3338.927	A[34]
A	10	926.458	3284.917	3268.898	0.000	3267.889	A[33]
P	11	1023.513	3213.879	3197.861	0.000	3196.853	P[32]
A	12	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
P	13	1161.600	3045.790	3029.771	0.000	3028.763	P[30]
V	14	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1437.711	2849.686	2833.666	0.000	2832.642	E[28]
R	16	1547.806	2750.626	2734.607	0.000	2733.596	R[27]
L	17	1648.854	2682.533	2676.512	0.000	2675.504	L[26]
P	18	1745.907	2401.483	2475.464	2476.472	2474.457	P[25]
V	19	1864.975	2304.430	2378.412	2379.419	2377.404	V[24]
R	20	1973.070	2295.362	2279.343	2280.351	2278.335	R[23]
R	21	2101.105	2187.287	2151.268	2152.266	2150.246	R[22]
R	22	2229.209	2039.174	2003.153	2004.161	2002.141	R[21]
A	23	2300.297	1911.077	1895.058	1896.066	1894.050	A[20]
R	24	2438.362	1840.040	1824.021	1825.029	1823.013	R[19]
R	25	2556.407	1711.945	1695.926	1696.934	1694.918	R[18]
T	26	2657.535	1583.850	1567.831	1568.839	1566.823	T[17]
G	27	2714.556	1482.802	1466.784	1467.791	1465.770	G[16]
A	28	2785.593	1425.781	1409.762	1410.770	1408.754	A[15]
A	29	2856.631	1384.744	1368.725	1369.733	1367.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
R	32	3112.784	1135.649	1119.630	1140.637	1138.621	R[11]
R	33	3268.885	1027.553	1011.534	1012.542	1010.527	R[10]
R	34	3396.989	974.512	958.493	959.441	957.425	R[9]
A	35	3468.017	743.351	727.330	728.346	726.330	A[8]
S	36	3535.049	672.320	656.301	657.309	655.293	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
P	38	3706.124	508.266	512.248	513.256	511.240	P[5]
P	39	3888.176	431.214	435.195	436.203	434.187	P[4]
V	40	3905.245	334.161	338.142	339.150	337.134	V[3]
S	41	3992.277	235.092	239.074	240.082	238.066	S[2]
E	42	4121.319	148.050	152.032	153.050	151.034	E[1]

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[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.34
- ▶ F105343.dat
- ▶ query=q14601.p1
- ▶ precursor=825.268710
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E	2	138.563	1897.134	1909.125	0.504	1908.621	E[41]
T	3	189.087	1932.613	1924.603	0.504	1924.090	T[40]
A	4	224.606	1828.090	1814.080	0.504	1817.576	A[39]
P	5	293.135	1846.570	1838.561	0.504	1838.046	P[38]
A	6	358.650	1790.044	1790.035	0.504	1790.531	A[37]
A	7	344.169	1763.525	1754.516	0.504	1754.012	A[36]
F	8	392.695	1727.007	1718.997	0.504	1718.494	F[35]
A	9	428.214	1678.480	1670.471	0.504	1669.967	A[34]
A	10	463.733	1642.962	1634.953	0.504	1634.449	A[33]
P	11	532.259	1607.443	1599.434	0.504	1599.930	P[32]
A	12	547.777	1558.917	1550.908	0.504	1550.404	A[31]
P	13	596.304	1523.399	1515.389	0.504	1514.885	P[30]
V	14	645.830	1474.872	1466.863	0.504	1466.359	V[29]
E	15	710.359	1425.351	1417.342	0.504	1416.838	E[28]
R	16	774.887	1369.831	1361.821	1353.811	1353.307	R[27]
T	17	824.911	1290.765	1288.760	1289.264	1288.258	T[26]
F	18	873.457	1246.245	1238.236	1238.740	1237.732	F[25]
V	19	922.991	1197.719	1189.709	1190.213	1189.206	V[24]
K	20	987.039	1148.195	1140.175	1140.679	1139.671	K[23]
K	21	1051.066	1098.717	1076.128	1076.632	1075.624	K[22]
K	22	1115.134	1020.090	1012.080	1012.584	1011.576	K[21]
A	23	1150.652	956.042	948.033	948.537	947.529	A[20]
K	24	1214.700	920.524	912.514	913.018	912.010	K[19]
K	25	1278.747	850.476	848.467	848.971	847.963	K[18]
T	26	1329.271	792.429	784.419	784.923	783.915	T[17]
K	27	1397.892	741.925	739.916	740.420	739.412	K[16]
A	28	1393.300	713.394	705.385	705.889	704.881	A[15]
A	29	1428.819	677.876	669.866	670.370	669.362	A[14]
A	30	1464.337	642.357	634.348	634.852	633.844	A[13]
G	31	1492.848	606.839	598.830	599.333	598.325	G[12]
K	32	1556.896	576.326	570.318	570.822	569.814	K[11]
R	33	1634.946	514.360	509.351	509.855	508.847	R[10]
K	34	1698.994	436.291	428.280	428.784	427.776	K[9]
A	35	1734.512	372.182	364.173	364.677	363.669	A[8]
S	36	1778.028	336.664	328.654	329.158	328.150	S[7]
G	37	1806.539	291.140	285.130	285.642	284.634	G[6]
F	38	1855.065	264.617	260.607	261.111	260.103	F[5]
F	39	1903.592	218.110	208.101	208.605	207.597	F[4]
V	40	1953.126	167.584	159.575	160.079	159.071	V[3]
S	41	1996.642	118.050	110.041	110.544	109.537	S[2]
E	42	2061.161	74.534	66.524	67.028	66.021	E[1]

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[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.34
- ▶ F105343.dat
- ▶ query=q14601.p1
- ▶ precursor=825.268710
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1374.773	1369.433	0.672	1369.097	S 42
E 2	92.711	1331.758	1326.419	0.672	1326.081	E 41
T 3	126.394	1288.744	1283.405	0.672	1283.066	T 40
A 4	150.073	1255.969	1249.722	0.672	1249.383	A 39
P 5	182.424	1231.383	1226.043	0.672	1225.707	P 38
A 6	206.103	1199.632	1193.602	0.672	1193.356	A 37
A 7	229.782	1175.351	1170.013	0.672	1169.677	A 36
P 8	262.133	1151.674	1146.334	0.672	1145.999	P 35
A 9	285.812	1119.323	1113.303	0.672	1113.047	A 34
A 10	309.491	1095.044	1090.304	0.672	1089.968	A 33
P 11	341.842	1071.065	1066.025	0.672	1065.259	P 32
A 12	395.521	1039.614	1034.274	0.672	1033.938	A 31
P 13	397.872	1015.935	1010.595	0.672	1010.259	P 30
V 14	430.894	983.584	978.244	0.672	977.908	V 29
E 15	473.909	959.361	945.221	0.672	944.885	E 28
R 16	516.697	937.541	932.201	0.672	931.877	R 27
T 17	550.290	914.848	859.509	859.845	859.173	T 26
P 18	582.640	831.166	825.826	826.162	825.400	P 25
V 19	615.693	799.815	793.475	793.811	793.139	V 24
K 20	658.362	765.792	760.451	760.789	760.117	K 23
K 21	701.090	723.094	717.754	718.090	717.418	K 22
K 22	743.758	689.399	673.959	673.302	674.739	K 21
A 23	797.437	637.987	632.358	632.694	632.022	A 20
K 24	810.136	614.018	608.679	609.015	608.343	K 19
K 25	852.834	571.320	565.980	566.316	565.644	K 18
T 26	895.516	529.627	523.282	523.618	522.946	T 17
G 27	905.524	494.930	489.599	489.935	489.263	G 16
A 28	929.203	475.937	470.592	470.928	470.256	A 15
A 29	952.882	452.253	446.913	447.249	446.577	A 14
A 30	976.561	428.574	423.234	423.570	422.898	A 13
G 31	995.568	404.895	399.555	399.891	399.219	G 12
K 32	1038.266	385.888	380.548	380.884	380.212	K 11
R 33	1090.300	342.180	337.850	338.186	337.514	R 10
R 34	1112.598	291.159	285.818	286.152	285.480	R 9
A 35	1156.677	245.457	243.118	243.454	242.782	A 8
S 36	1185.688	224.778	219.439	219.775	219.103	S 7
G 37	1204.695	195.767	190.428	190.764	190.092	G 6
P 38	1237.046	176.760	171.421	171.757	171.085	P 5
P 39	1269.397	144.409	139.070	139.406	138.734	P 4
V 40	1302.420	112.954	108.719	109.055	108.383	V 3
S 41	1331.430	75.030	73.696	74.032	73.360	S 2
E 42	1374.445	50.025	44.685	45.021	44.349	E 1

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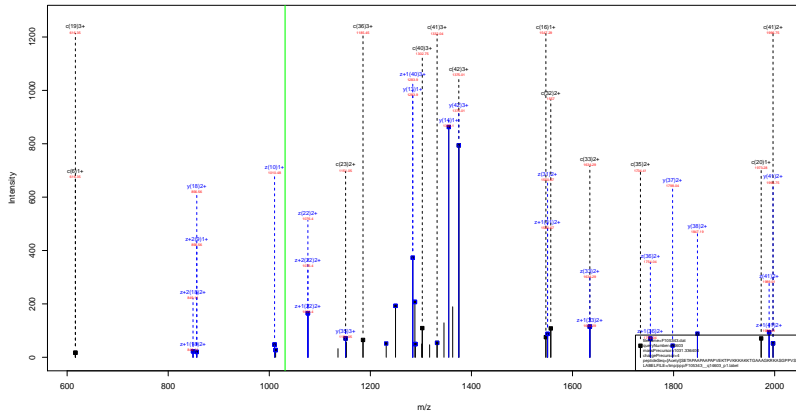
[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=47.34
- ▶ F105343.dat
- ▶ query=q14601.p1
- ▶ precursor=825.268710
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA	
S	1	37.525	1031.331	1027.027	0.755	1027.075	S[42]
E	2	69.785	999.071	995.066	0.755	994.814	E[41]
T	3	95.047	999.911	902.805	0.755	902.553	T[40]
A	4	112.506	945.540	937.543	0.755	937.291	A[39]
P	5	137.070	923.789	919.784	0.755	919.532	P[38]
A	6	154.820	899.520	895.521	0.755	895.269	A[37]
A	7	172.588	883.760	877.762	0.755	877.510	A[36]
P	8	190.851	864.007	860.002	0.755	859.750	P[35]
A	9	214.811	839.744	835.739	0.755	835.487	A[34]
A	10	232.570	824.985	817.980	0.755	817.728	A[33]
P	11	256.633	800.225	800.221	0.755	799.969	P[32]
A	12	274.392	779.969	775.967	0.755	775.705	A[31]
P	13	298.656	762.203	758.198	0.755	757.946	P[30]
V	14	323.423	737.940	733.935	0.755	733.683	V[29]
E	15	355.683	713.173	709.168	0.755	708.916	E[28]
K	16	387.707	689.912	676.807	677.159	676.951	K[27]
T	17	412.999	648.888	644.883	645.135	644.033	T[26]
P	18	437.232	623.620	619.622	619.874	619.370	P[25]
V	19	461.999	599.353	595.358	595.610	595.106	V[24]
K	20	494.023	574.590	570.591	570.843	570.339	K[23]
K	21	526.047	542.372	538.568	538.819	538.316	K[22]
K	22	558.070	510.540	506.544	506.796	506.292	K[21]
A	23	575.830	478.525	474.526	474.772	474.268	A[20]
K	24	607.894	460.705	456.701	457.013	456.509	K[19]
K	25	639.877	428.742	424.737	424.989	424.485	K[18]
T	26	665.139	396.718	392.713	392.965	392.461	T[17]
G	27	679.395	371.458	367.451	367.703	367.199	G[16]
A	28	697.154	367.201	353.196	353.448	352.944	A[15]
A	29	714.913	339.441	335.437	335.689	335.185	A[14]
A	30	732.672	321.682	317.677	317.929	317.425	A[13]
G	31	746.928	303.923	299.918	300.170	299.666	G[12]
K	32	778.951	289.667	285.663	285.915	285.411	K[11]
R	33	817.977	257.644	253.639	253.891	253.387	R[10]
K	34	850.001	218.618	214.614	214.866	214.362	K[9]
A	35	867.760	189.561	185.556	185.808	185.304	A[9]
S	36	889.518	168.835	164.831	165.083	164.579	S[7]
G	37	903.773	147.077	143.073	143.325	142.821	G[6]
P	38	928.036	132.822	128.817	129.069	128.565	P[5]
P	39	952.300	108.559	104.554	104.806	104.302	P[4]
V	40	977.067	84.290	80.291	80.543	80.039	V[3]
S	41	998.825	69.528	65.524	65.776	65.272	S[2]
E	42	1021.085	37.771	33.766	34.018	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE



sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.80
- ▶ F105343.dat
- ▶ query=q14603.p1
- ▶ precursor=1031.336400
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.079	4122.303	4108.265	0.000	4105.277	S[42]
E	2	276.119	3993.261	3977.242	0.000	3976.234	E[41]
T	3	377.167	3864.218	3848.199	0.000	3847.192	T[40]
A	4	449.204	3763.170	3747.151	0.000	3746.144	A[39]
P	5	545.257	3692.133	3676.115	0.000	3675.107	P[38]
A	6	616.294	3595.081	3579.062	0.000	3578.054	A[37]
A	7	667.331	3524.044	3508.025	0.000	3507.017	A[36]
P	8	764.384	3453.000	3436.980	0.000	3435.980	P[35]
A	9	855.421	3385.954	3369.935	0.000	3368.927	A[34]
A	10	928.458	3284.911	3268.890	0.000	3267.884	A[33]
P	11	1023.511	3213.870	3197.851	0.000	3196.853	P[32]
A	12	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
P	13	1161.600	3045.790	3029.771	0.000	3028.763	P[30]
V	14	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1437.711	2849.686	2833.667	0.000	2832.662	E[28]
R	16	1547.806	2720.626	2704.607	2708.615	2703.599	R[27]
T	17	1688.854	2592.533	2576.512	2577.520	2575.504	T[26]
P	18	1745.907	2491.483	2475.464	2476.472	2474.457	P[25]
V	19	1864.975	2394.430	2378.412	2379.419	2377.404	V[24]
R	20	1973.070	2295.367	2279.343	2280.351	2278.335	R[23]
R	21	2101.105	2187.280	2171.248	2152.256	2150.240	R[22]
R	22	2229.209	2099.174	2083.151	2074.161	2072.145	R[21]
A	23	2300.297	1911.077	1895.058	1896.066	1894.050	A[20]
R	24	2438.392	1840.040	1824.021	1825.029	1823.013	R[19]
R	25	2556.497	1711.945	1695.926	1696.934	1694.918	R[18]
T	26	2657.535	1583.850	1567.831	1568.839	1566.823	T[17]
G	27	2714.557	1482.802	1466.780	1467.791	1465.770	G[16]
A	28	2758.593	1425.781	1409.760	1410.770	1408.754	A[15]
A	29	2856.631	1354.744	1338.725	1339.733	1337.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
R	32	3112.784	1155.640	1139.620	1140.637	1138.621	R[11]
R	33	3268.885	1027.553	1011.533	1012.542	1010.527	R[10]
R	34	3396.989	871.452	855.431	856.441	854.425	R[9]
A	35	3468.017	743.351	727.330	728.346	726.330	A[8]
S	36	3536.049	672.320	656.301	657.309	655.291	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
P	38	3706.124	528.266	512.248	513.256	511.240	P[5]
P	39	3838.176	431.214	415.195	416.203	414.187	P[4]
V	40	3905.245	334.161	318.143	319.150	317.134	V[3]
S	41	3992.277	235.092	219.074	220.082	218.066	S[2]
E	42	4121.319	148.050	132.040	133.050	131.034	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.80
- ▶ F105343.dat
- ▶ query=q14603.p1
- ▶ precursor=1031.336400
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E	2	138.563	1997.134	1989.125	0.504	1988.621	E[41]
T	3	189.087	1932.613	1924.603	0.504	1924.090	T[40]
A	4	224.206	1928.089	1874.080	0.504	1873.576	A[39]
P	5	293.133	1846.576	1838.567	0.504	1838.059	P[38]
A	6	358.650	1798.044	1790.035	0.504	1789.531	A[37]
A	7	344.169	1763.525	1754.516	0.504	1754.012	A[36]
F	8	392.695	1727.007	1719.997	0.504	1718.486	F[35]
A	9	428.214	1678.488	1670.471	0.504	1669.967	A[34]
A	10	463.733	1642.969	1634.953	0.504	1634.449	A[33]
P	11	532.259	1607.443	1599.434	0.504	1598.929	P[32]
A	12	547.777	1558.917	1550.908	0.504	1550.404	A[31]
F	13	586.304	1523.398	1515.389	0.504	1514.885	F[30]
V	14	645.830	1474.872	1466.863	0.504	1466.359	V[29]
E	15	710.359	1425.348	1417.338	0.504	1416.825	E[28]
R	16	774.887	1369.817	1361.807	1353.797	1353.291	R[27]
T	17	824.911	1290.765	1288.760	1289.264	1288.256	T[26]
F	18	873.457	1246.245	1238.236	1238.740	1237.732	F[25]
V	19	922.991	1197.719	1189.709	1190.213	1189.206	V[24]
K	20	987.030	1148.195	1140.185	1140.679	1139.671	K[23]
K	21	1051.569	1098.727	1076.128	1076.632	1075.624	K[22]
K	22	1115.134	1020.090	1012.080	1012.584	1011.576	K[21]
A	23	1150.652	956.042	948.033	948.537	947.529	A[20]
K	24	1214.700	920.524	912.514	913.018	912.010	K[19]
K	25	1278.747	856.476	848.467	848.971	847.963	K[18]
T	26	1329.271	792.429	784.419	784.923	783.915	T[17]
G	27	1397.802	743.905	735.895	736.399	735.391	G[16]
A	28	1393.300	713.394	705.385	705.889	704.881	A[15]
A	29	1428.819	677.876	669.866	670.370	669.362	A[14]
A	30	1464.337	642.357	634.348	634.852	633.844	A[13]
G	31	1492.848	606.839	598.829	599.333	598.325	G[12]
K	32	1556.896	578.328	570.318	570.822	569.814	K[11]
R	33	1634.946	514.380	506.371	506.875	505.867	R[10]
K	34	1698.994	436.230	428.220	428.724	427.716	K[9]
A	35	1734.512	372.182	364.173	364.677	363.669	A[8]
S	36	1778.028	336.664	328.654	329.158	328.150	S[7]
G	37	1806.539	291.140	283.130	283.634	282.626	G[6]
F	38	1855.065	264.617	256.607	257.111	256.103	F[5]
F	39	1903.592	238.110	230.101	230.605	229.597	F[4]
V	40	1953.126	167.584	159.575	160.079	159.071	V[3]
S	41	1996.642	118.050	110.041	110.544	109.537	S[2]
E	42	2061.163	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.80
- ▶ F105343.dat
- ▶ query=q14603_p1
- ▶ precursor=1031.336400
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1374.773	1300.433	0.672	1309.097	S[42]
E	2	62.711	1331.758	1250.410	0.672	1236.083	E[41]
T	3	139.394	1238.744	1201.405	0.672	1203.993	T[40]
A	4	150.073	1255.052	1249.722	0.672	1249.386	A[39]
P	5	182.424	1231.383	1226.043	0.672	1225.707	P[38]
A	6	206.301	1199.032	1193.692	0.672	1193.356	A[37]
A	7	229.782	1175.353	1170.013	0.672	1169.677	A[36]
P	8	262.133	1151.674	1146.334	0.672	1145.990	P[35]
A	9	285.812	1119.453	1113.883	0.672	1113.547	A[34]
A	10	309.491	1095.644	1090.304	0.672	1089.969	A[33]
P	11	341.842	1071.965	1066.625	0.672	1066.280	P[32]
A	12	365.521	1039.614	1034.274	0.672	1033.938	A[31]
P	13	397.872	1015.935	1010.595	0.672	1010.259	P[30]
V	14	430.204	983.584	978.244	0.672	977.908	V[29]
E	15	473.809	959.561	945.221	0.672	944.885	E[28]
R	16	518.607	937.547	902.207	0.672	901.871	R[27]
T	17	550.290	884.848	850.509	0.672	850.173	T[26]
P	18	582.640	831.169	825.826	0.672	825.490	P[25]
V	19	615.663	798.815	793.475	0.672	793.139	V[24]
K	20	658.362	765.792	760.453	0.672	760.117	K[23]
K	21	701.060	723.094	717.754	0.672	717.418	K[22]
K	22	743.758	680.396	675.056	0.672	674.720	K[21]
A	23	787.437	637.697	632.358	0.672	632.022	A[20]
K	24	810.136	614.018	608.679	0.672	608.343	K[19]
K	25	852.834	571.320	565.980	0.672	565.644	K[18]
T	26	895.516	528.622	523.282	0.672	522.946	T[17]
G	27	905.524	494.930	489.590	0.672	489.254	G[16]
A	28	929.203	475.937	470.597	0.672	470.261	A[15]
A	29	952.882	452.251	446.911	0.672	446.575	A[14]
A	30	976.561	428.574	423.234	0.672	422.898	A[13]
G	31	995.568	404.895	399.555	0.672	399.219	G[12]
K	32	1018.266	385.888	380.548	0.672	380.212	K[11]
R	33	1090.300	343.180	337.850	0.672	337.514	R[10]
K	34	1132.988	291.156	285.816	0.672	285.480	K[9]
A	35	1164.077	249.457	243.118	0.672	242.782	A[9]
S	36	1185.688	224.778	219.439	0.672	219.103	S[7]
G	37	1204.695	195.767	190.428	0.672	190.092	G[6]
P	38	1237.646	176.760	171.421	0.672	171.085	P[5]
P	39	1269.397	144.400	139.070	0.672	138.734	P[4]
V	40	1302.420	112.058	106.719	0.672	106.383	V[3]
S	41	1311.430	79.038	73.698	0.672	73.362	S[2]
E	42	1374.445	50.025	44.685	0.672	44.349	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SET^(Phospho)_(79.97) APAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.79
- ▶ F105343.dat
- ▶ query=q14613.p1
- ▶ precursor=827.051760
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S1	147.076	4131.207	4115.180	0.000	4114.181	S41
E2	276.119	4002.165	3986.140	0.000	3985.138	E46
T3	457.133	3873.123	3857.104	0.000	3856.098	T30
A4	528.170	3692.108	3676.090	0.000	3675.082	A38
P5	625.223	3621.071	3605.052	0.000	3604.045	P37
A6	696.260	3524.038	3508.020	0.000	3506.992	A36
A7	707.297	3452.001	3436.983	0.000	3435.955	A25
P8	864.350	3381.944	3365.925	0.000	3364.918	P34
A9	935.387	3284.891	3268.873	0.000	3267.865	A33
A10	1006.424	3213.854	3197.836	0.000	3196.828	A32
P11	1103.477	3142.817	3126.798	0.000	3125.791	P31
A12	1174.514	3045.784	3029.766	0.000	3028.758	A30
P13	1271.567	2974.747	2958.729	0.000	2957.721	P29
A14	1342.604	2877.674	2861.656	0.000	2860.648	A28
E15	1471.646	2806.637	2790.619	0.000	2789.611	E27
K16	1599.741	2677.595	2661.576	2662.584	2660.568	K26
T17	1700.789	2540.500	2523.481	2524.489	2522.473	T25
P18	1707.826	2446.452	2430.433	2431.441	2429.426	P24
V19	1898.910	2351.369	2335.351	2336.358	2334.371	V23
K20	2025.005	2252.331	2236.312	2237.320	2235.304	K22
K21	2153.100	2124.236	2108.217	2109.225	2107.209	K21
K22	2281.195	1996.141	1980.122	1981.130	1979.114	K20
A23	2352.232	1868.046	1852.027	1853.035	1851.020	A19
T24	2508.313	1777.009	1760.990	1761.998	1759.983	T18
R25	2638.428	1640.908	1624.889	1625.897	1623.881	R17
A26	2707.465	1512.813	1496.794	1497.802	1495.786	A16
A27	2778.503	1441.776	1425.757	1426.765	1424.749	A15
G28	2835.524	1370.739	1354.720	1355.728	1353.712	G14
G29	2892.546	1311.717	1295.698	1296.706	1294.690	G13
A30	2953.583	1256.696	1240.677	1241.685	1239.669	A23
K31	3091.678	1185.659	1169.640	1170.648	1168.622	K11
R32	3247.779	1057.564	1041.545	1042.553	1040.537	R10
K33	3375.874	901.463	885.444	886.452	884.436	K9
T34	3476.921	773.368	757.349	758.357	756.341	T8
S35	3563.951	672.320	656.301	657.309	655.293	S7
G36	3620.976	585.168	569.269	570.277	568.261	G6
P37	3748.028	528.200	512.240	513.256	511.240	P5
P38	3815.080	431.214	415.195	416.203	414.187	P4
V39	3914.149	334.061	318.142	319.150	317.134	V3
S40	4001.181	235.092	219.074	220.082	218.066	S2
E41	4130.223	148.060	132.042	133.050	131.034	E1

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[Acetyl]SET^(Phospho)_(79.97) APAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.79
- ▶ F105343.dat
- ▶ query=q14613.p1
- ▶ precursor=827.051760
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2058.101	2058.088	0.504	2057.595	S[41]
E	2	138.593	2001.585	1993.177	0.504	1993.671	E[48]
T	3	229.070	1937.065	1929.058	0.504	1928.551	T[39]
A	4	284.589	1848.558	1838.548	0.504	1838.044	A[38]
P	5	313.115	1811.039	1801.030	0.504	1802.526	P[37]
A	6	348.634	1762.513	1754.503	0.504	1754.000	A[36]
A	7	384.152	1726.994	1718.983	0.504	1719.481	A[35]
P	8	432.679	1691.475	1683.466	0.504	1682.962	P[34]
A	9	468.197	1642.949	1634.940	0.504	1634.438	A[33]
A	10	503.716	1607.431	1599.421	0.504	1598.917	A[32]
P	11	552.242	1571.912	1563.903	0.504	1563.399	P[31]
A	12	587.761	1523.386	1515.376	0.504	1514.871	A[30]
F	13	636.287	1487.861	1479.853	0.504	1479.349	F[29]
A	14	671.806	1449.341	1441.332	0.504	1440.828	A[28]
E	15	736.327	1403.822	1395.813	0.504	1395.309	E[27]
K	16	800.374	1339.301	1331.292	1331.796	1330.788	K[26]
T	17	850.898	1275.254	1267.244	1267.748	1266.740	T[25]
F	18	899.426	1234.735	1226.725	1227.229	1226.221	F[24]
V	19	948.959	1176.203	1168.194	1168.698	1167.690	V[23]
K	20	1013.006	1120.669	1118.660	1119.164	1118.156	K[22]
K	21	1077.054	1062.622	1054.612	1055.116	1054.108	K[21]
K	22	1141.101	998.574	990.565	991.069	990.061	K[20]
A	23	1176.620	934.527	926	927.021	926.013	A[19]
R	24	1254.671	899.038	890.999	891.503	890.495	R[18]
K	25	1318.718	820.958	812.948	813.452	812.444	K[17]
A	26	1354.236	756.910	748.901	749.405	748.397	A[16]
A	27	1389.755	721.392	713.382	713.886	712.878	A[15]
G	28	1418.266	685.873	677.864	678.368	677.360	G[14]
G	29	1448.776	657.362	649.353	649.857	648.849	G[13]
A	30	1482.295	628.825	620.842	621.346	620.338	A[12]
K	31	1546.342	593.313	585.324	585.827	584.820	K[11]
R	32	1624.393	529.805	521.278	521.780	520.772	R[10]
K	33	1688.440	451.235	443.230	443.729	442.722	K[9]
T	34	1738.964	387.187	379.178	379.682	378.674	T[8]
S	35	1782.480	198.664	190.654	191.158	190.150	S[7]
G	36	1810.991	293.140	285.138	285.642	284.634	G[6]
F	37	1859.517	264.637	256.627	257.131	256.124	F[5]
F	38	1908.044	216.110	208.101	208.605	207.597	F[4]
V	39	1957.576	167.584	159.575	160.079	159.071	V[3]
S	40	2001.094	118.060	110.041	110.544	109.535	S[2]
E	41	2055.615	74.534	66.523	67.026	66.018	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SET^(Phospho)_(79.97) APAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=45.79
- ▶ F105343.dat
- ▶ query=q14613.p1
- ▶ precursor=827.051760
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1377.741	1372.401	0.672	1372.095	S[41]
E	2	92.711	1334.726	1329.397	0.672	1329.051	E[40]
T	3	153.049	1291.712	1286.373	0.672	1286.037	T[39]
A	4	176.728	1231.374	1226.035	0.672	1225.699	A[38]
P	5	209.079	1207.695	1202.356	0.672	1202.020	P[37]
A	6	232.758	1175.343	1170.004	0.672	1169.668	A[36]
A	7	256.437	1151.665	1146.326	0.672	1145.990	A[35]
P	8	268.788	1127.986	1122.647	0.672	1122.311	P[34]
A	9	312.467	1095.635	1090.296	0.672	1089.960	A[33]
A	10	336.146	1071.956	1066.617	0.672	1066.281	A[32]
P	11	368.497	1048.277	1042.938	0.672	1042.602	P[31]
A	12	392.176	1015.926	1010.587	0.672	1010.251	A[30]
P	13	424.527	992.247	986.908	0.672	986.572	P[29]
A	14	448.206	969.896	954.557	0.672	954.221	A[28]
E	15	491.220	936.217	930.878	0.672	930.542	E[27]
K	16	513.919	893.203	887.864	0.672	887.528	K[26]
T	17	567.601	850.505	845.165	845.501	844.829	T[25]
P	18	599.952	818.823	813.484	0.672	813.147	P[24]
V	19	632.975	786.471	779.132	0.672	778.796	V[23]
K	20	675.673	751.449	746.109	746.445	745.773	K[22]
K	21	718.372	708.750	703.411	0.672	703.075	K[21]
K	22	761.070	666.052	660.712	0.672	660.376	K[20]
A	23	784.749	623.354	618.014	0.672	617.678	A[19]
R	24	836.783	599.875	594.535	0.672	594.200	R[18]
K	25	879.481	547.641	542.301	0.672	541.965	K[17]
A	26	903.160	504.942	499.602	0.672	499.266	A[16]
A	27	936.839	481.263	475.924	0.672	475.588	A[15]
G	28	945.846	457.584	452.245	0.672	451.909	G[14]
G	29	964.853	436.577	431.238	0.672	430.902	G[13]
A	30	998.532	419.570	414.231	0.672	413.895	A[12]
K	31	1031.231	395.891	390.551	0.672	390.215	K[11]
R	32	1083.264	353.193	347.853	0.672	347.517	R[10]
K	33	1125.963	301.150	295.810	0.672	295.474	K[9]
T	34	1159.645	259.461	253.121	0.672	252.785	T[8]
S	35	1188.656	224.778	218.439	0.672	218.103	S[7]
G	36	1207.663	199.767	193.427	0.672	193.091	G[6]
P	37	1249.014	179.760	174.421	0.672	174.085	P[5]
P	38	1272.365	144.400	139.070	0.672	138.734	P[4]
V	39	1305.388	112.058	106.719	0.672	106.383	V[3]
S	40	1334.398	79.030	73.690	0.672	73.354	S[2]
E	41	1377.413	50.025	44.685	0.672	44.349	E[1]

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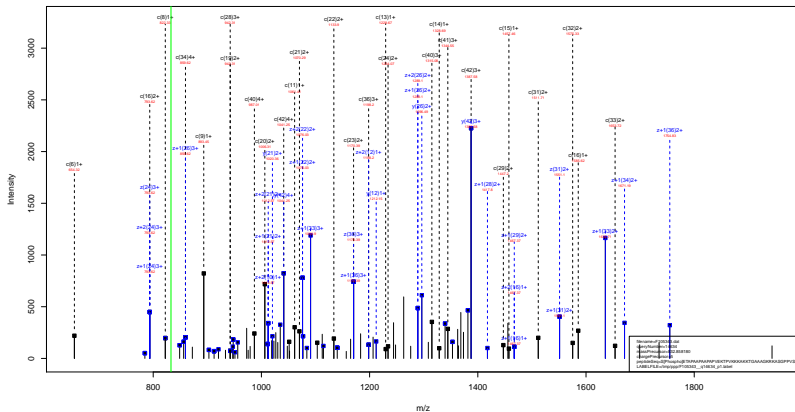
[Acetyl]SET^(Phospho)_(79.97) APAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=45.79
- ▶ F105343.dat
- ▶ query=q14613_p1
- ▶ precursor=827.051760
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1033.557	1029.553	0.755	1029.301	S[41]
E	2	69.785	1001.297	997.292	0.755	997.040	E[40]
T	3	115.039	969.036	965.031	0.755	964.779	T[39]
A	4	134.798	962.783	919.778	0.755	919.526	A[38]
P	5	157.383	956.523	952.519	0.755	951.769	P[37]
A	6	174.820	951.760	877.755	0.755	877.503	A[36]
A	7	192.580	954.001	859.996	0.755	859.744	A[35]
P	8	216.843	846.241	842.237	0.755	841.985	P[34]
A	9	234.602	821.979	817.974	0.755	817.722	A[33]
A	10	252.361	804.219	800.214	0.755	799.962	A[32]
P	11	276.625	798.460	782.455	0.755	782.203	P[31]
A	12	294.384	792.197	758.192	0.755	757.940	A[30]
P	13	318.647	744.437	740.433	0.755	740.181	P[29]
A	14	336.406	726.174	726.169	0.755	715.911	A[28]
E	15	368.667	702.415	698.410	0.755	698.158	E[27]
K	16	400.691	670.154	666.149	0.606	665.896	K[26]
T	17	425.953	638.130	634.126	0.334	633.874	T[25]
P	18	450.216	612.868	608.864	0.911	608.612	P[24]
V	19	474.383	598.605	594.601	584.853	584.349	V[23]
K	20	507.007	563.838	559.834	0.808	559.582	K[22]
K	21	539.031	531.814	527.810	0.286	527.558	K[21]
K	22	571.054	499.791	495.786	4.96	495.534	K[20]
A	23	588.814	467.767	463.762	4.04	463.510	A[19]
K	24	627.839	450.008	446.003	4.46	445.751	K[18]
K	25	659.862	418.982	408.978	4.97	408.726	K[17]
A	26	677.622	378.959	374.954	3.78	374.702	A[16]
A	27	695.381	361.199	357.195	3.57	356.943	A[15]
G	28	709.636	343.440	339.435	3.39	339.183	G[14]
G	29	723.892	329.185	325.180	3.25	324.928	G[13]
A	30	741.651	314.929	310.925	3.11	310.673	A[12]
K	31	773.675	297.170	293.165	2.93	292.913	K[11]
T	32	812.706	265.148	261.142	2.61	260.890	T[10]
K	33	844.224	229.121	222.116	2.22	221.868	K[9]
T	34	869.986	194.097	190.093	1.90	189.841	T[8]
S	35	891.744	168.835	164.831	1.65	164.579	S[7]
G	36	905.999	147.077	143.073	1.43	142.821	G[6]
P	37	930.262	132.822	128.817	1.29	128.565	P[5]
P	38	954.526	108.550	104.544	1.04	104.302	P[4]
V	39	979.233	84.298	80.293	0.80	80.043	V[3]
S	40	1001.051	59.520	55.524	0.55	55.272	S[2]
E	41	1033.311	37.771	33.766	0.34	33.514	E[1]

sp | P43277 | H13_MOUSE

S^(Phospho) (79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE



sp | P43277 | H13_MOUSE

S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.98
- ▶ F105343.dat
- ▶ query=q14634_p1
- ▶ precursor=832.858180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	185.032	4160.250	4144.240	0.000	4143.233	S[42]
E	2	314.075	3993.261	3977.242	0.000	3976.234	E[41]
T	3	415.122	3884.218	3848.199	0.000	3847.192	T[40]
A	4	456.160	3783.175	3747.152	0.000	3746.144	A[39]
P	5	593.212	3692.131	3656.115	0.000	3655.109	P[38]
A	6	654.249	3595.081	3579.062	0.000	3578.054	A[37]
A	7	725.287	3524.044	3508.025	0.000	3507.017	A[36]
P	8	822.319	3453.006	3436.988	0.000	3435.980	P[35]
A	9	893.376	3355.954	3339.935	0.000	3338.927	A[34]
A	10	954.414	3284.917	3268.898	0.000	3267.890	A[33]
P	11	1061.466	3213.879	3197.861	0.000	3196.853	P[32]
A	12	1152.503	3118.827	3102.808	0.000	3101.800	A[31]
P	13	1229.556	3045.790	3029.771	0.000	3028.763	P[30]
V	14	1328.625	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1457.667	2849.668	2833.650	0.000	2832.642	E[28]
K	16	1585.762	2720.626	2704.607	2.066	2703.599	K[27]
T	17	1668.819	2592.531	2576.512	2.077	2575.504	T[26]
P	18	1783.863	2461.483	2445.464	2.076	2444.457	P[25]
V	19	1882.911	2394.436	2378.417	2.079	2377.409	V[24]
K	20	2011.026	2229.362	2213.343	2.080	2212.335	K[23]
K	21	2139.121	2167.267	2151.248	2.152	2150.240	K[22]
K	22	2287.216	2039.172	2023.153	3.034	2022.145	K[21]
A	23	2338.253	1911.077	1895.058	1.896	1894.050	A[20]
K	24	2466.348	1840.040	1824.021	1.825	1823.013	K[19]
K	25	2594.443	1711.945	1695.926	1.896	1694.918	K[18]
T	26	2695.491	1583.850	1567.831	1.568	1566.823	T[17]
G	27	2752.512	1482.802	1466.784	1467.791	1466.776	G[16]
A	28	2823.549	1426.761	1410.742	1.410	1409.734	A[15]
A	29	2894.586	1354.744	1338.725	1339.733	1337.717	A[14]
A	30	2965.623	1283.707	1267.688	1.268	1266.680	A[13]
G	31	3022.645	1212.670	1196.651	1197.659	1195.644	G[12]
K	32	3150.740	1135.648	1139.629	1140.637	1138.621	K[11]
K	33	3306.841	1027.553	1011.534	1012.542	1010.527	K[10]
T	34	3434.936	891.456	875.437	856.441	854.425	T[9]
A	35	3505.973	743.357	727.338	726.340	725.332	A[8]
S	36	3593.005	672.320	656.301	657.309	655.293	S[7]
G	37	3656.027	585.288	569.269	570.277	568.261	G[6]
P	38	3747.079	528.250	512.248	513.256	511.240	P[5]
P	39	3884.132	431.214	415.195	416.203	414.187	P[4]
V	40	3943.209	334.161	318.142	319.150	317.134	V[3]
S	41	4030.233	235.082	219.074	220.082	218.066	S[2]
E	42	4159.275	148.060	132.042	133.050	131.034	E[1]

sp | P43277 | H13_MOUSE

S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.98
- ▶ F105343.dat
- ▶ query=q14634_p1
- ▶ precursor=832.858180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	2080.615	2072.634	0.504	2072.120	S[42]
E[2]	157.541	1997.134	1989.125	0.504	1988.621	E[41]
T[3]	208.005	1932.613	1924.603	0.504	1924.090	T[40]
A[4]	243.583	1882.089	1874.080	0.504	1873.576	A[39]
P[5]	282.110	1846.570	1838.561	0.504	1838.057	P[38]
A[6]	327.658	1796.044	1788.035	0.504	1787.531	A[37]
A[7]	383.147	1762.525	1754.516	0.504	1754.012	A[36]
F[8]	411.673	1727.007	1719.997	0.504	1719.494	F[35]
A[9]	447.192	1678.480	1670.471	0.504	1669.967	A[34]
A[10]	482.710	1642.962	1634.953	0.504	1634.449	A[33]
P[11]	531.289	1609.443	1599.433	0.504	1599.930	P[32]
A[12]	566.755	1558.917	1550.908	0.504	1550.404	A[31]
P[13]	615.282	1523.399	1515.389	0.504	1515.886	P[30]
V[14]	664.816	1474.872	1466.863	0.504	1466.359	V[29]
E[15]	720.337	1425.336	1417.328	0.504	1416.825	E[28]
R[16]	793.385	1369.811	1352.807	1353.311	1352.301	R[27]
T[17]	843.909	1296.769	1288.760	1289.264	1289.250	T[26]
F[18]	892.435	1246.245	1238.236	1238.740	1237.732	F[25]
V[19]	941.969	1197.719	1189.709	1190.213	1189.206	V[24]
K[20]	1006.017	1148.195	1140.175	1140.679	1139.671	K[23]
K[21]	1076.064	1084.137	1076.128	1076.632	1075.624	K[22]
R[22]	1134.112	1030.990	1012.080	1012.584	1011.576	R[21]
A[23]	1169.630	956.042	948.033	948.537	947.529	A[20]
R[24]	1233.678	920.524	912.514	913.018	912.010	R[19]
K[25]	1267.725	856.476	848.467	848.971	847.961	K[18]
T[26]	1348.249	792.429	784.419	784.923	783.915	T[17]
G[27]	1376.780	742.905	733.895	734.399	733.392	G[16]
A[28]	1412.778	713.394	705.385	705.889	704.881	A[15]
A[29]	1447.797	677.876	669.866	670.370	669.362	A[14]
A[30]	1483.315	642.357	634.348	634.852	633.844	A[13]
G[31]	1511.826	606.838	598.829	599.333	598.325	G[12]
K[32]	1575.874	578.328	570.318	570.822	569.814	K[11]
R[33]	1653.924	514.289	506.279	506.783	505.781	R[10]
R[34]	1747.972	436.230	428.220	428.724	427.719	R[9]
A[35]	1783.490	372.182	364.173	364.677	363.669	A[8]
S[36]	1797.006	336.664	328.654	329.158	328.150	S[7]
G[37]	1825.517	293.140	285.130	285.642	284.634	G[6]
F[38]	1874.043	264.617	256.607	257.111	256.103	F[5]
F[39]	1922.570	216.110	208.101	208.605	207.597	F[4]
V[40]	1972.104	167.584	159.575	160.079	159.071	V[3]
S[41]	2015.620	118.050	110.041	110.544	109.537	S[2]
E[42]	2080.141	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.98
- ▶ F105343.dat
- ▶ query=q14634_p1
- ▶ precursor=832.858180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	62.349	1387.425	1382.085	0.672	1381.749	S[42]
E	2	105.303	1331.758	1328.419	0.672	1326.083	E[41]
T	3	139.046	1288.744	1283.405	0.672	1283.069	T[40]
N	4	183.795	1235.963	1230.223	0.672	1230.389	N[39]
P	5	195.076	1231.383	1228.043	0.672	1225.707	P[38]
A	6	218.755	1199.032	1193.692	0.672	1193.356	A[37]
A	7	242.434	1175.353	1170.013	0.672	1169.677	A[36]
P	8	274.785	1151.674	1146.334	0.672	1145.998	P[35]
A	9	298.464	1119.323	1113.983	0.672	1113.647	A[34]
A	10	322.143	1095.644	1090.304	0.672	1089.968	A[33]
P	11	354.494	1071.965	1066.625	0.672	1066.289	P[32]
A	12	378.173	1049.614	1034.274	0.672	1033.938	A[31]
P	13	410.524	1015.935	1010.595	0.672	1010.259	P[30]
V	14	443.546	983.584	978.244	0.672	977.908	V[29]
E	15	485.561	950.561	945.221	0.672	944.885	E[28]
R	16	529.259	907.543	902.207	902.543	901.871	R[27]
T	17	582.941	864.565	859.509	859.845	859.173	T[26]
P	18	595.292	831.166	825.826	826.162	825.496	P[25]
V	19	638.315	798.815	793.475	793.811	793.139	V[24]
K	20	671.014	765.792	760.453	760.789	760.117	K[23]
K	21	713.712	723.094	717.754	718.090	717.418	K[22]
K	22	756.410	680.395	675.056	675.392	674.720	K[21]
K	23	799.108	637.697	632.358	632.694	632.022	K[20]
K	24	822.788	614.018	608.679	609.015	608.343	K[19]
K	25	865.486	571.320	565.980	566.316	565.644	K[18]
T	26	899.168	528.622	523.282	523.618	522.946	T[17]
G	27	931.176	494.930	489.590	489.925	489.253	G[16]
A	28	941.855	475.931	470.591	470.926	470.254	A[15]
A	29	985.534	452.751	446.913	447.249	446.577	A[14]
A	30	989.213	428.574	423.234	423.570	422.898	A[13]
G	31	1008.230	404.895	399.555	399.891	399.219	G[12]
K	32	1050.918	385.888	380.548	380.884	380.212	K[11]
R	33	1102.952	343.189	337.850	338.186	337.514	R[10]
K	34	1145.850	291.159	285.819	286.155	285.483	K[9]
A	35	1189.329	249.457	243.118	243.454	242.782	A[8]
S	36	1198.340	224.778	219.439	219.775	219.103	S[7]
G	37	1217.347	195.767	190.428	190.764	190.092	G[6]
P	38	1249.698	176.760	171.421	171.757	171.085	P[5]
P	39	1282.049	144.400	139.070	139.406	138.734	P[4]
V	40	1315.072	112.955	108.219	107.885	106.383	V[3]
S	41	1344.082	79.939	73.698	74.034	73.362	S[2]
E	42	1387.097	50.025	44.685	45.021	44.349	E[1]

sp | P43277 | H13_MOUSE

S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=64.98
- ▶ F105343.dat
- ▶ query=q14634_p1
- ▶ precursor=832.858180
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
S	1	47.014	1040.820	1036.816	0.795	1036.568	S	12
E	2	79.274	999.871	999.066	0.795	994.814	E	13
T	3	104.536	966.810	962.805	0.795	962.553	T	40
A	4	122.295	941.548	937.543	0.795	937.291	A	39
P	5	146.559	923.789	919.784	0.795	919.532	P	38
A	6	164.318	899.526	895.521	0.795	895.269	A	37
A	7	182.077	881.766	877.762	0.795	877.510	A	36
F	8	206.340	864.007	860.002	0.795	859.750	F	35
A	9	224.100	839.744	835.739	0.795	835.487	A	34
A	10	241.859	821.985	817.980	0.795	817.728	A	33
P	11	266.122	804.225	800.221	0.795	799.969	P	32
A	12	283.881	779.962	775.957	0.795	775.705	A	31
F	13	308.145	762.203	758.198	0.795	757.946	F	30
V	14	332.912	737.940	733.935	0.795	733.683	V	29
E	15	365.172	713.173	709.168	0.795	708.916	E	28
K	16	397.196	688.912	684.907	0.719	678.655	K	27
T	17	422.458	664.650	664.391	0.651	644.632	T	26
F	18	446.721	621.636	619.622	0.198	619.874	F	25
V	19	471.488	599.383	595.358	0.610	595.106	V	24
K	20	503.512	574.596	570.591	0.704	570.339	K	23
K	21	535.536	542.572	538.568	0.316	538.316	K	22
K	22	567.559	510.548	506.544	0.796	506.292	K	21
A	23	608.319	479.525	474.520	0.472	474.269	A	20
K	24	617.342	460.765	456.761	0.571	456.509	K	19
K	25	649.366	428.742	424.737	0.249	424.485	K	18
T	26	674.628	396.718	392.713	0.392	392.461	T	17
G	27	688.883	371.456	367.451	0.703	367.199	G	16
A	28	706.643	357.201	353.196	0.348	352.944	A	15
A	29	724.402	339.441	335.437	0.369	335.185	A	14
A	30	742.161	323.682	317.677	0.720	317.425	A	13
G	31	758.411	303.923	299.918	0.319	299.546	G	12
K	32	788.440	289.687	285.683	0.515	285.411	K	11
R	33	827.466	257.644	253.639	0.391	253.387	R	10
K	34	859.489	218.618	214.614	0.866	214.362	K	9
A	35	877.249	186.595	182.590	0.642	182.338	A	8
S	36	899.007	168.835	164.831	0.683	164.579	S	7
G	37	913.262	147.077	143.073	0.425	142.821	G	6
P	38	937.325	132.823	128.817	0.699	128.565	P	5
P	39	961.789	108.550	104.545	0.808	104.302	P	4
V	40	986.556	84.296	80.291	0.543	80.039	V	3
S	41	1008.314	59.539	55.524	0.776	55.272	S	2
E	42	1040.574	37.771	33.766	0.618	33.514	E	1

sp | P43277 | H13_MOUSE

SET^{Phospho} APAAPAAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.54
- ▶ F105343.dat
- ▶ query=q14635.p1
- ▶ precursor=694.217240
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	105.066	4140.259	4144.240	0.000	4143.233	S[42]
E	2	234.108	4073.227	4057.208	0.000	4056.201	E[41]
L	3	415.122	3944.185	3928.166	0.000	3927.158	L[40]
A	4	489.168	3783.170	3747.152	0.000	3746.144	A[39]
P	5	583.212	3692.133	3676.115	0.000	3675.107	P[38]
A	6	654.249	3595.081	3579.062	0.000	3578.054	A[37]
A	7	725.297	3524.044	3508.025	0.000	3507.017	A[36]
P	8	822.339	3453.006	3436.988	0.000	3435.980	P[35]
A	9	893.376	3385.954	3369.935	0.000	3368.927	A[34]
A	10	954.414	3284.917	3268.898	0.000	3267.890	A[33]
P	11	1061.466	3213.879	3197.861	0.000	3196.853	P[32]
A	12	1132.503	3116.827	3100.808	0.000	3099.800	A[31]
P	13	1229.556	3045.790	3029.771	0.000	3028.763	P[30]
V	14	1328.625	2948.737	2932.718	0.000	2931.710	V[29]
E	15	1457.667	2849.686	2833.666	0.000	2832.642	E[28]
R	16	1589.702	2729.626	2714.607	0.000	2713.599	R[27]
T	17	1688.810	2592.533	2576.512	0.000	2575.504	T[26]
P	18	1783.863	2491.483	2475.464	0.000	2474.457	P[25]
V	19	1882.911	2394.430	2378.412	0.000	2377.404	V[24]
R	20	2011.026	2295.362	2279.343	0.000	2278.335	R[23]
R	21	2139.121	2187.287	2171.268	0.000	2170.260	R[22]
R	22	2297.218	2039.174	2023.153	0.000	2022.145	R[21]
A	23	2338.253	1911.077	1895.058	0.000	1894.050	A[20]
R	24	2486.348	1840.040	1824.021	0.000	1823.013	R[19]
R	25	2594.443	1711.945	1695.926	0.000	1694.918	R[18]
T	26	2695.491	1583.850	1567.831	0.000	1566.823	T[17]
G	27	2732.512	1482.802	1466.784	0.000	1465.791	G[16]
A	28	2823.549	1426.781	1410.762	0.000	1410.770	A[15]
A	29	2994.586	1384.744	1368.725	0.000	1339.733	A[14]
A	30	2065.623	1283.707	1267.688	1268.696	1266.660	A[13]
G	31	3072.645	1212.670	1196.651	1197.659	1195.643	G[12]
R	32	3150.740	1155.648	1139.629	1140.637	1138.621	R[11]
R	33	3308.841	1027.553	1011.534	1012.542	1010.527	R[10]
R	34	3434.936	871.452	855.433	856.441	854.425	R[9]
A	35	3505.973	743.357	727.338	728.346	726.330	A[8]
S	36	3591.005	672.320	656.301	657.309	655.293	S[7]
G	37	3650.027	585.288	569.269	570.277	568.261	G[6]
P	38	3747.079	528.266	512.248	513.256	511.240	P[5]
P	39	3844.123	481.214	465.195	466.203	464.187	P[4]
V	40	3943.200	334.161	318.142	319.150	317.134	V[3]
S	41	4030.233	235.092	219.074	220.082	218.066	S[2]
E	42	4159.275	148.060	132.042	133.050	131.034	E[1]

sp | P43277 | H13_MOUSE

SET^{Phospho} 79.97 APAAPAAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.54
- ▶ F105343.dat
- ▶ query=q14635.p1
- ▶ precursor=694.217240
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	53.037	2080.633	2072.626	0.504	2072.120	S[42]
E	2	117.550	2037.117	2029.108	0.504	2028.604	E[41]
T	3	208.005	1972.596	1964.587	0.504	1964.083	T[40]
A	4	283.503	1892.080	1874.080	0.504	1873.576	A[39]
P	5	292.110	1846.569	1838.561	0.504	1838.056	P[38]
A	6	327.628	1790.044	1790.035	0.504	1789.531	A[37]
A	7	383.147	1762.525	1754.516	0.504	1754.012	A[36]
P	8	411.673	1727.007	1728.997	0.504	1718.496	P[35]
A	9	447.192	1678.480	1670.471	0.504	1669.967	A[34]
A	10	457.710	1642.965	1634.953	0.504	1634.449	A[33]
P	11	531.237	1597.443	1599.434	0.504	1590.933	P[32]
A	12	566.755	1558.017	1550.908	0.504	1550.404	A[31]
P	13	615.282	1521.308	1515.300	0.504	1514.888	P[30]
V	14	664.816	1474.872	1466.863	0.504	1466.359	V[29]
E	15	729.337	1425.338	1417.328	0.504	1416.825	E[28]
R	16	793.385	1369.813	1362.807	1353.311	1352.808	R[27]
T	17	851.939	1296.768	1288.760	1289.264	1288.256	T[26]
P	18	892.435	1246.245	1238.236	1238.740	1237.732	P[25]
V	19	941.969	1197.719	1189.709	1190.213	1189.206	V[24]
K	20	1006.017	1148.185	1140.175	1140.679	1139.671	K[23]
K	21	1070.564	1084.137	1076.128	1076.632	1075.624	K[22]
K	22	1134.112	1020.090	1012.080	1012.584	1011.576	K[21]
A	23	1199.630	956.042	948.033	948.537	947.529	A[20]
K	24	1263.678	920.524	912.514	913.018	912.010	K[19]
K	25	1297.725	856.476	848.467	848.971	847.963	K[18]
T	26	1368.269	792.926	784.913	784.923	783.915	T[17]
G	27	1378.760	741.905	733.895	734.398	733.389	G[16]
A	28	1442.278	713.394	705.385	705.889	704.881	A[15]
A	29	1447.797	677.876	669.866	670.370	669.362	A[14]
A	30	1483.315	642.357	634.348	634.852	633.844	A[13]
G	31	1511.826	606.838	598.829	599.333	598.325	G[12]
K	32	1575.874	570.320	570.318	570.822	569.814	K[11]
R	33	1653.624	514.380	506.371	506.874	505.866	R[10]
K	34	1717.972	438.230	428.220	428.724	427.716	K[9]
A	35	1753.490	372.182	364.173	364.677	363.669	A[8]
S	36	1797.006	338.664	328.654	329.158	328.150	S[7]
G	37	1825.517	293.140	285.130	285.642	284.634	G[6]
P	38	1874.043	264.617	256.607	257.111	256.103	P[5]
P	39	1922.570	218.110	208.101	208.605	207.597	P[4]
V	40	1972.104	167.584	159.575	160.079	159.071	V[3]
S	41	2015.620	118.050	110.041	110.544	109.537	S[2]
E	42	2080.141	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

SET^{Phospho} APAAPAAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE
79.97

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.54
- ▶ F105343.dat
- ▶ query=q14635.p1
- ▶ precursor=694.217240
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	35.693	1387.425	1382.065	0.672	1381.740	S 42
E 2	78.708	1358.414	1353.074	0.672	1352.739	E 41
T 3	139.046	1315.400	1310.060	0.672	1309.724	T 40
A 4	182.278	1285.961	1280.222	0.672	1279.386	A 39
P 5	195.076	1231.383	1228.043	0.672	1225.707	P 38
A 6	218.755	1199.032	1193.602	0.672	1193.356	A 37
A 7	262.434	1175.351	1170.013	0.672	1169.677	A 36
P 8	274.785	1151.674	1146.334	0.672	1145.999	P 35
A 9	298.464	1119.323	1113.983	0.672	1113.647	A 34
A 10	322.143	1089.644	1090.304	0.672	1089.968	A 33
P 11	354.494	1071.965	1066.625	0.672	1066.259	P 32
A 12	378.173	1039.614	1034.274	0.672	1033.938	A 31
P 13	410.524	1015.935	1010.595	0.672	1010.259	P 30
V 14	443.546	983.584	978.244	0.672	977.908	V 29
E 15	486.501	950.561	945.221	0.672	944.885	E 28
R 16	509.259	907.547	902.207	902.543	901.871	R 27
T 17	502.941	864.948	859.509	859.845	859.173	T 26
P 18	595.292	831.166	825.826	826.162	825.490	P 25
V 19	628.315	798.815	793.475	793.811	793.139	V 24
K 20	671.014	765.792	760.453	760.789	760.117	K 23
K 21	713.712	723.094	717.754	718.090	717.418	K 22
K 22	756.419	689.399	675.056	675.392	674.720	K 21
A 23	780.689	637.697	632.357	632.694	632.022	A 20
K 24	822.788	614.018	608.679	609.015	608.343	K 19
K 25	865.486	571.320	565.980	566.316	565.644	K 18
T 26	899.188	528.622	523.282	523.618	522.946	T 17
G 27	932.176	494.930	489.590	489.925	489.253	G 16
A 28	941.855	475.922	470.582	470.928	470.256	A 15
A 29	985.534	452.253	446.913	447.249	446.577	A 14
A 30	989.213	428.574	423.234	423.570	422.898	A 13
G 31	1008.220	404.895	399.555	399.891	399.219	G 12
K 32	1050.918	385.888	380.548	380.884	380.212	K 11
K 33	1102.652	342.180	337.850	338.186	337.514	K 10
R 34	1148.656	291.159	285.818	286.152	285.480	R 9
A 35	1169.329	245.457	243.118	243.454	242.782	A 8
S 36	1198.340	224.778	219.439	219.775	219.103	S 7
G 37	1217.347	195.767	190.428	190.764	190.092	G 6
P 38	1249.698	176.760	171.421	171.757	171.085	P 5
P 39	1282.049	144.409	139.070	139.406	138.734	P 4
V 40	1315.072	112.054	106.715	107.051	106.379	V 3
S 41	1344.082	79.030	73.690	74.032	73.360	S 2
E 42	1387.097	50.025	44.685	45.021	44.349	E 1

sp | P43277 | H13_MOUSE

SET^{Phospho} 79.97 APAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=64.54
- ▶ F105343.dat
- ▶ query=q14635_p1
- ▶ precursor=694.217240
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	27.622	1040.820	1036.810	0.755	1036.504	S[42]
T	3	59.283	1037.967	1033.956	0.755	1034.808	T[41]
T	3	104.536	986.802	982.797	0.755	982.545	T[40]
A	4	122.295	941.548	937.543	0.755	937.201	A[39]
P	5	146.559	923.789	919.784	0.755	919.532	P[38]
A	6	164.318	899.520	895.521	0.755	895.269	A[37]
A	7	182.077	881.766	877.762	0.755	877.510	A[36]
P	8	206.340	864.007	860.002	0.755	859.750	P[35]
A	9	224.100	839.742	835.739	0.755	835.487	A[34]
A	10	241.859	821.985	817.980	0.755	817.728	A[33]
P	11	266.122	804.225	800.221	0.755	799.969	P[32]
A	12	283.881	779.962	775.957	0.755	775.705	A[31]
P	13	308.145	762.203	758.198	0.755	757.946	P[30]
V	14	332.912	737.940	733.935	0.755	733.683	V[29]
E	15	365.172	713.173	709.168	0.755	708.916	E[28]
K	16	397.196	688.912	678.907	0.755	678.655	K[27]
T	17	422.458	648.858	644.853	0.645	644.632	T[26]
P	18	446.721	623.626	619.622	0.19	619.370	P[25]
V	19	471.488	599.363	595.358	0.595	595.106	V[24]
K	20	503.512	574.590	570.591	570.843	570.339	K[23]
K	21	535.536	542.572	538.568	538.819	538.316	K[22]
K	22	567.559	510.548	505.544	505.796	505.292	K[21]
K	23	599.519	478.520	474.520	474.772	474.269	K[20]
K	24	617.342	460.765	456.761	457.013	456.509	K[19]
K	25	649.366	428.742	424.737	424.989	424.485	K[18]
T	26	674.628	396.718	392.713	392.965	392.461	T[17]
G	27	688.883	371.450	367.451	367.703	367.199	G[16]
A	28	706.643	357.261	353.196	353.448	352.944	A[15]
A	29	724.402	339.441	335.437	335.689	335.185	A[14]
A	30	742.161	321.682	317.677	317.929	317.425	A[13]
G	31	756.417	303.923	299.918	300.170	299.666	G[12]
K	32	788.440	289.667	285.663	285.915	285.411	K[11]
R	33	827.466	257.644	253.639	253.891	253.387	R[10]
K	34	859.489	218.618	214.614	214.866	214.362	K[9]
A	35	877.249	186.595	182.590	182.842	182.338	A[8]
S	36	899.007	168.833	164.811	165.063	164.575	S[7]
G	37	913.262	147.077	143.073	143.325	142.821	G[6]
P	38	937.525	132.822	128.817	129.069	128.565	P[5]
P	39	961.788	108.559	104.554	104.806	104.302	P[4]
V	40	986.556	84.290	80.291	80.543	80.039	V[3]
S	41	1008.314	59.529	55.524	55.776	55.272	S[2]
E	42	1040.574	37.771	33.766	34.018	33.514	E[1]

sp | P43277 | H13_MOUSE

SET ^{Phospho} 79.97 APAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=64.54
- ▶ F105343.dat
- ▶ query=q14635_p1
- ▶ precursor=694.217240
- ▶ chargePrecursor=6
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	21.819	832.858	829.654	0.806	829.452	S[42]
E[2]	47.628	815.451	812.247	0.806	812.046	E[41]
T[3]	83.830	789.643	786.439	0.806	786.237	T[40]
N[4]	98.038	753.440	750.236	0.806	750.035	N[39]
P[5]	117.448	739.232	736.029	0.806	735.827	P[38]
A[6]	131.656	719.822	716.618	0.806	716.417	A[37]
A[7]	145.863	705.615	702.411	0.806	702.209	A[36]
P[8]	165.274	691.407	688.203	0.806	688.002	P[35]
A[9]	179.481	671.997	668.793	0.806	668.591	A[34]
A[10]	193.689	657.789	654.585	0.806	654.384	A[33]
P[11]	213.099	643.582	640.378	0.806	640.176	P[32]
A[12]	227.307	624.171	620.967	0.806	620.766	A[31]
P[13]	246.717	609.964	606.760	0.806	606.558	P[30]
V[14]	266.331	595.753	592.549	0.806	592.348	V[29]
E[15]	292.339	578.739	567.535	0.806	567.334	E[28]
K[16]	317.958	564.931	561.727	541.929	541.526	K[27]
T[17]	338.168	549.312	546.108	546.310	545.907	T[26]
P[18]	357.578	499.102	495.899	496.100	495.697	P[25]
V[19]	377.392	479.692	476.488	476.690	476.287	V[24]
K[20]	403.011	459.878	456.674	456.876	456.473	K[23]
K[21]	428.630	434.259	431.055	431.257	430.854	K[22]
K[22]	454.249	408.640	405.436	405.638	405.235	K[21]
A[23]	468.456	383.021	379.817	380.019	379.616	A[20]
K[24]	494.075	368.814	365.610	365.812	365.408	K[19]
K[25]	519.694	343.195	339.991	340.193	339.790	K[18]
T[26]	539.504	317.576	314.372	314.574	314.171	T[17]
G[27]	551.308	297.366	294.163	294.364	293.961	G[16]
A[28]	565.516	285.962	282.758	282.960	282.557	A[15]
A[29]	579.723	271.755	268.551	268.752	268.349	A[14]
A[30]	593.931	257.547	254.343	254.545	254.142	A[13]
G[31]	605.335	243.340	240.136	240.338	239.934	G[12]
K[32]	630.954	231.935	228.732	228.933	228.530	K[11]
R[33]	662.174	206.316	203.113	203.314	202.911	R[10]
K[34]	687.793	175.096	171.892	172.094	171.691	K[9]
A[35]	702.000	149.477	146.273	146.475	146.072	A[8]
S[36]	718.407	135.271	132.066	132.268	131.864	S[7]
G[37]	730.811	117.863	114.660	114.861	114.458	G[6]
P[38]	750.222	106.459	103.255	103.457	103.054	P[5]
P[39]	769.632	87.049	83.845	84.046	83.643	P[4]
V[40]	789.446	67.638	64.434	64.636	64.233	V[3]
S[41]	806.852	47.828	44.624	44.822	44.419	S[2]
E[42]	832.661	30.418	27.214	27.416	27.013	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKT^{Phospho 79.97}PVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.63
- ▶ F105343.dat
- ▶ query=q14652.p1
- ▶ precursor=841.265760
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4202.270	4186.251	0.000	4185.243	S[42]
E	2	276.119	4073.227	4057.208	0.000	4056.201	E[41]
T	3	377.187	3944.185	3928.166	0.000	3927.159	T[40]
A	4	445.204	3814.137	3807.118	0.000	3805.110	A[39]
P	5	545.257	3772.100	3756.081	0.000	3755.073	P[38]
A	6	616.294	3675.047	3659.028	0.000	3658.020	A[37]
A	7	687.331	3604.010	3587.991	0.000	3586.983	A[36]
P	8	784.384	3532.973	3516.954	0.000	3515.946	P[35]
A	9	855.421	3435.920	3419.901	0.000	3418.893	A[34]
A	10	926.458	3364.883	3348.864	0.000	3347.856	A[33]
P	11	1023.511	3293.846	3277.827	0.000	3276.819	P[32]
A	12	1094.548	3196.793	3180.774	0.000	3179.766	A[31]
F	13	1191.600	3125.756	3109.737	0.000	3108.729	F[30]
V	14	1290.669	3028.703	3012.684	0.000	3011.677	V[29]
E	15	1419.711	2929.655	2913.636	0.000	2912.628	E[28]
K	16	1547.808	2830.592	2784.573	2783.561	2783.566	K[27]
T	17	1728.820	2672.497	2656.478	2657.488	2655.471	T[26]
P	18	1825.873	2491.483	2475.464	2476.472	2474.457	P[25]
V	19	1924.942	2394.430	2378.412	2379.419	2377.404	V[24]
K	20	2053.037	2295.362	2279.343	2280.351	2278.339	K[23]
K	21	2181.132	2187.287	2151.268	2152.276	2150.240	K[22]
K	22	2309.238	2079.172	2023.153	2024.161	2022.145	K[21]
A	23	2350.294	1911.077	1895.058	1896.066	1894.050	A[20]
K	24	2508.339	1840.040	1824.021	1825.029	1823.013	K[19]
K	25	2636.454	1711.945	1695.926	1696.934	1694.919	K[18]
T	26	2737.501	1583.850	1567.831	1568.839	1566.823	T[17]
G	27	2794.523	1482.802	1466.784	1467.791	1465.776	G[16]
A	28	2865.569	1425.781	1409.762	1410.770	1408.754	A[15]
A	29	3036.597	1354.744	1338.725	1339.733	1337.717	A[14]
A	30	3007.634	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	3064.655	1212.670	1196.651	1197.659	1195.643	G[12]
K	32	3192.730	1155.648	1139.629	1140.637	1138.621	K[11]
R	33	3348.852	1027.553	1011.534	1012.542	1010.527	R[10]
K	34	3418.897	871.525	855.433	856.441	854.425	K[9]
A	35	3547.984	743.357	727.338	728.346	726.330	A[8]
S	36	3635.016	672.320	656.301	657.309	655.293	S[7]
G	37	3692.037	585.288	569.269	570.277	568.261	G[6]
F	38	3789.090	528.266	512.248	513.256	511.240	F[5]
P	39	3886.143	431.214	415.195	416.203	414.187	P[4]
V	40	3985.211	334.161	318.142	319.150	317.134	V[3]
S	41	4072.243	278.092	219.074	220.082	218.066	S[2]
E	42	4251.286	148.060	132.042	133.050	131.034	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKT^{Phospho 79.97} PVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.63
- ▶ F105343.dat
- ▶ query=q14652.p1
- ▶ precursor=841.265760
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	2101.638	2093.629	0.504	2093.125	S[42]
E[2]	138.563	2037.117	2029.108	0.504	2028.604	E[41]
T[3]	189.087	1972.596	1964.587	0.504	1964.083	T[40]
A[4]	224.206	1908.075	1904.063	0.504	1903.559	A[39]
P[5]	293.135	1886.553	1894.544	0.504	1876.040	P[38]
A[6]	358.650	1838.027	1830.018	0.504	1829.514	A[37]
A[7]	344.169	1802.509	1794.499	0.504	1793.995	A[36]
F[8]	392.695	1736.990	1738.981	0.504	1738.477	F[35]
A[9]	428.214	1718.464	1710.454	0.504	1709.950	A[34]
A[10]	463.733	1652.945	1674.936	0.504	1674.432	A[33]
P[11]	532.259	1587.427	1639.417	0.504	1638.913	P[32]
A[12]	547.777	1568.900	1560.891	0.504	1560.387	A[31]
F[13]	596.304	1563.382	1555.372	0.504	1554.868	F[30]
V[14]	645.830	1514.855	1506.846	0.504	1506.342	V[29]
E[15]	710.359	1466.331	1467.312	0.504	1456.808	E[28]
R[16]	774.407	1400.806	1392.797	1393.284	1392.280	R[27]
T[17]	864.914	1336.279	1328.743	1329.247	1325.239	T[26]
F[18]	913.440	1246.245	1238.236	1238.740	1237.732	F[25]
V[19]	962.974	1197.719	1189.709	1190.213	1189.206	V[24]
K[20]	1027.022	1148.185	1140.175	1140.679	1139.671	K[23]
K[21]	1097.069	1058.127	1076.128	1076.632	1075.624	K[22]
R[22]	1155.117	1020.090	1012.080	1012.584	1011.576	R[21]
A[23]	1190.635	956.042	948.033	948.537	947.529	A[20]
K[24]	1264.683	920.524	912.514	913.018	912.010	K[19]
K[25]	1318.730	836.476	848.467	848.971	847.963	K[18]
T[26]	1369.254	792.429	784.419	784.923	783.915	T[17]
Y[27]	1397.785	741.905	733.895	734.399	733.392	Y[16]
A[28]	1433.284	713.394	705.385	705.889	704.881	A[15]
A[29]	1468.802	677.876	669.866	670.370	669.362	A[14]
A[30]	1504.321	642.357	634.348	634.852	633.844	A[13]
G[31]	1532.831	606.839	598.829	599.333	598.325	G[12]
K[32]	1596.879	678.238	570.318	570.822	569.814	K[11]
R[33]	1674.929	614.860	566.851	567.355	566.347	R[10]
K[34]	1738.977	436.230	428.220	428.724	427.716	K[9]
A[35]	1774.495	372.182	364.173	364.677	363.669	A[8]
S[36]	1818.011	336.664	328.654	329.158	328.150	S[7]
G[37]	1846.522	291.140	283.130	283.642	284.634	G[6]
F[38]	1885.040	264.617	256.607	257.111	256.103	F[5]
F[39]	1943.575	238.110	230.101	230.605	229.597	F[4]
V[40]	1993.109	167.584	159.575	160.079	159.071	V[3]
S[41]	2036.625	118.050	110.041	110.544	109.537	S[2]
E[42]	2101.146	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKT^{Phospho 79.97}PVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.63
- ▶ F105343.dat
- ▶ query=q14652.p1
- ▶ precursor=841.265760
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z-1	z-2	z	AA	
S	1	49.697	1401.428	1396.089	0.672	1395.753	S[42]
E	2	92.711	1358.414	1353.074	0.672	1352.738	E[41]
T	3	126.394	1315.400	1310.060	0.672	1309.724	T[40]
A	4	150.078	1281.711	1276.378	0.672	1276.042	A[39]
P	5	182.424	1258.038	1252.699	0.672	1252.363	P[38]
A	6	206.103	1225.687	1220.348	0.672	1220.012	A[37]
A	7	229.782	1202.000	1196.669	0.672	1196.333	A[36]
P	8	262.133	1178.329	1172.990	0.672	1172.654	P[35]
A	9	285.812	1154.970	1149.639	0.672	1149.303	A[34]
A	10	309.491	1122.299	1116.960	0.672	1116.624	A[33]
P	11	341.842	1098.620	1093.281	0.672	1092.945	P[32]
A	12	365.521	1066.260	1060.920	0.672	1060.584	A[31]
P	13	397.872	1042.599	1037.251	0.672	1036.915	P[30]
V	14	430.894	1019.239	1004.900	0.672	1004.564	V[29]
E	15	473.509	977.216	971.877	0.672	971.541	E[28]
R	16	516.607	954.301	948.961	0.672	948.625	R[27]
T	17	576.945	891.504	886.164	886.500	885.828	T[26]
P	18	609.296	831.166	825.826	826.162	825.400	P[25]
V	19	642.319	799.815	793.475	793.811	793.139	V[24]
K	20	685.017	765.792	760.453	760.789	760.117	K[23]
K	21	727.715	723.094	717.754	718.090	717.418	K[22]
K	22	770.414	689.399	678.956	679.302	678.739	K[21]
A	23	794.093	637.097	632.358	632.694	632.022	A[20]
K	24	836.791	614.018	608.679	609.015	608.343	K[19]
K	25	879.489	571.320	565.980	566.316	565.644	K[18]
T	26	913.172	529.627	523.282	523.618	522.946	T[17]
G	27	957.159	494.930	489.590	489.925	489.253	G[16]
A	28	955.858	475.937	470.592	470.928	470.256	A[15]
A	29	979.537	452.253	446.913	447.249	446.577	A[14]
A	30	1003.216	428.574	423.234	423.570	422.898	A[13]
G	31	1027.273	404.895	399.555	399.891	399.219	G[12]
K	32	1064.922	385.888	380.548	380.884	380.212	K[11]
K	33	1116.955	342.180	337.850	338.186	337.514	K[10]
T	34	1159.654	291.159	285.818	286.152	285.480	T[9]
A	35	1183.333	245.457	243.118	243.454	242.782	A[8]
S	36	1212.343	224.778	219.439	219.775	219.103	S[7]
G	37	1231.351	195.767	190.428	190.764	190.092	G[6]
P	38	1263.701	176.760	171.421	171.757	171.085	P[5]
P	39	1296.052	144.409	139.070	139.406	138.734	P[4]
V	40	1328.075	112.950	108.719	109.055	108.383	V[3]
S	41	1358.086	79.030	73.696	74.032	73.360	S[2]
E	42	1401.100	50.025	44.685	45.021	44.349	E[1]

sp | P43277 | H13_MOUSE

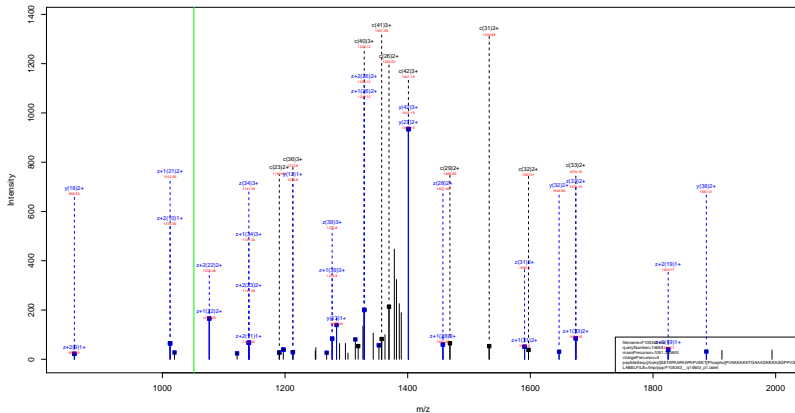
[Acetyl]SETAPAAPAAPAVEKT^{Phospho 79.97} PVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=67.63
- ▶ F105343.dat
- ▶ query=q14652.p1
- ▶ precursor=841.265760
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1051.323	1047.318	0.755	1047.066	S[42]
E	2	69.785	1019.062	1015.058	0.755	1014.806	E[41]
T	3	95.047	986.802	982.797	0.755	982.545	T[40]
A	4	112.808	941.542	937.537	0.755	937.285	A[39]
P	5	137.070	943.780	939.776	0.755	939.524	P[38]
A	6	154.829	919.517	915.513	0.755	915.261	A[37]
A	7	172.588	901.758	897.753	0.755	897.501	A[36]
P	8	196.851	883.999	879.994	0.755	879.742	P[35]
A	9	214.611	859.735	855.731	0.755	855.479	A[34]
A	10	232.370	841.976	837.971	0.755	837.719	A[33]
P	11	256.633	824.217	820.212	0.755	819.960	P[32]
A	12	274.392	799.954	795.949	0.755	795.697	A[31]
P	13	298.656	782.194	778.190	0.755	777.938	P[30]
V	14	323.423	757.931	753.927	0.755	753.675	V[29]
E	15	355.683	733.164	729.159	0.755	728.907	E[28]
R	16	387.937	709.901	705.896	0.755	705.644	R[27]
T	17	412.901	685.950	681.945	0.755	681.693	T[26]
P	18	457.224	623.626	619.622	0.755	619.370	P[25]
V	19	481.991	599.367	595.362	0.755	595.110	V[24]
K	20	514.015	574.590	570.591	570.843	570.339	K[23]
K	21	546.038	542.572	538.568	538.819	538.316	K[22]
K	22	578.062	510.548	506.544	506.796	506.293	K[21]
A	23	595.821	475.525	471.520	471.772	471.269	A[20]
K	24	627.845	460.765	456.761	457.013	456.509	K[19]
K	25	659.869	428.742	424.737	424.989	424.486	K[18]
T	26	685.131	396.718	392.713	392.965	392.461	T[17]
G	27	699.396	371.456	367.451	367.703	367.199	G[16]
A	28	717.145	397.201	393.196	393.448	392.944	A[15]
A	29	734.905	339.441	335.437	335.689	335.185	A[14]
A	30	752.664	311.682	317.677	317.929	317.425	A[13]
G	31	766.919	303.923	299.918	300.170	299.666	G[12]
K	32	798.943	289.667	285.663	285.915	285.411	K[11]
R	33	837.668	297.644	293.639	293.891	293.387	R[10]
T	34	869.932	219.913	214.914	214.896	214.365	T[9]
A	35	887.751	186.995	182.990	182.942	182.356	A[8]
S	36	909.509	168.835	164.831	165.083	164.579	S[7]
G	37	923.765	147.077	143.073	143.325	142.821	G[6]
P	38	948.028	132.822	128.817	129.069	128.565	P[5]
P	39	972.291	108.559	104.554	104.806	104.302	P[4]
V	40	997.058	84.299	80.293	80.545	80.039	V[3]
S	41	1018.816	55.529	55.524	55.776	55.272	S[2]
E	42	1051.077	37.771	33.766	34.018	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKT ^{Phospho} PVKKKAKKTGAAAGKRKASGPPVSE _{79.97}



sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKT^{Phospho 79.97}PVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.24
- ▶ F105343.dat
- ▶ query=q14653_p1
- ▶ precursor=1051.330600
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4202.270	4186.251	0.000	4185.243	S[42]
E	2	276.119	4073.227	4057.208	0.000	4056.201	E[41]
T	3	377.187	3944.185	3928.166	0.000	3927.159	T[40]
A	4	445.204	3814.137	3807.118	0.000	3805.110	A[39]
P	5	545.257	3772.100	3756.081	0.000	3755.073	P[38]
A	6	616.294	3675.047	3659.028	0.000	3658.020	A[37]
A	7	687.331	3604.010	3587.991	0.000	3586.983	A[36]
P	8	784.384	3532.973	3516.954	0.000	3515.946	P[35]
A	9	893.421	3435.920	3419.901	0.000	3418.893	A[34]
A	10	926.458	3364.883	3348.864	0.000	3347.856	A[33]
P	11	1023.511	3293.846	3277.827	0.000	3276.819	P[32]
A	12	1094.548	3196.793	3180.774	0.000	3179.766	A[31]
F	13	1191.600	3125.756	3109.737	0.000	3108.729	F[30]
V	14	1260.669	3028.703	3012.684	0.000	3011.677	V[29]
E	15	1419.711	2926.655	2910.636	0.000	2909.628	E[28]
K	16	1547.808	2800.592	2784.573	0.000	2783.565	K[27]
T	17	1728.820	2672.497	2656.478	0.000	2655.471	T[26]
P	18	1825.873	2491.483	2475.464	0.000	2474.457	P[25]
V	19	1924.942	2394.430	2378.412	0.000	2377.404	V[24]
K	20	2053.037	2295.362	2279.343	0.000	2278.335	K[23]
K	21	2181.132	2187.287	2171.268	0.000	2170.260	K[22]
K	22	2309.228	2079.172	2063.153	0.000	2062.145	K[21]
A	23	2350.294	1911.077	1895.058	0.000	1894.050	A[20]
K	24	2508.339	1840.040	1824.021	1825.029	1823.013	K[19]
K	25	2636.454	1711.945	1695.926	0.000	1694.918	K[18]
T	26	2737.501	1583.850	1567.831	0.000	1566.823	T[17]
G	27	2794.523	1482.802	1466.784	0.000	1465.776	G[16]
A	28	2865.569	1428.781	1412.762	0.000	1411.754	A[15]
A	29	3036.597	1354.744	1338.725	0.000	1337.717	A[14]
A	30	3007.634	1283.707	1267.688	0.000	1266.680	A[13]
G	31	3064.655	1212.670	1196.651	1197.659	1195.643	G[12]
K	32	3192.730	1155.648	1139.629	0.000	1138.621	K[11]
R	33	3348.852	1027.553	1011.534	1012.542	1010.527	R[10]
K	34	3478.947	871.452	855.433	856.441	854.425	K[9]
A	35	3547.984	743.357	727.338	0.000	726.330	A[9]
S	36	3635.016	672.320	656.301	0.000	655.293	S[7]
G	37	3692.037	585.288	569.269	0.000	568.261	G[6]
F	38	3789.080	528.266	512.247	0.000	511.240	F[5]
P	39	3886.143	431.214	415.195	0.000	414.187	P[4]
V	40	3983.211	334.161	318.142	0.000	317.134	V[3]
S	41	4072.243	238.092	222.073	0.000	221.065	S[2]
E	42	4251.286	148.060	132.042	0.000	131.034	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKT^{Phospho 79.97} PVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.24
- ▶ F105343.dat
- ▶ query=q14653.p1
- ▶ precursor=1051.330600
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2101.638	2093.629	0.504	2093.125	S[42]
E	2	138.563	2037.117	2029.108	0.504	2028.604	E[41]
T	3	189.087	1972.596	1964.587	0.504	1964.083	T[40]
A	4	224.206	1908.075	1901.063	0.504	1901.559	A[39]
T	5	293.135	1886.553	1896.544	0.504	1876.040	T[38]
A	6	358.650	1830.027	1830.018	0.504	1829.514	A[37]
A	7	344.169	1802.509	1794.499	0.504	1793.995	A[36]
F	8	392.695	1736.990	1736.981	0.504	1736.477	F[35]
A	9	428.214	1718.464	1710.454	0.504	1709.950	A[34]
A	10	463.733	1652.945	1674.936	0.504	1674.432	A[33]
P	11	532.259	1647.427	1639.417	0.504	1638.913	P[32]
A	12	547.777	1598.920	1590.911	0.504	1590.387	A[31]
F	13	596.304	1563.362	1555.352	0.504	1554.849	F[30]
V	14	645.830	1514.855	1506.846	0.504	1506.342	V[29]
E	15	710.359	1466.331	1457.312	0.504	1456.808	E[28]
R	16	774.887	1400.806	1392.797	1393.284	1392.780	R[27]
T	17	854.914	1336.752	1328.743	1329.247	1325.239	T[26]
F	18	913.440	1246.245	1238.236	1238.740	1237.732	F[25]
V	19	962.974	1197.719	1189.709	1190.213	1189.206	V[24]
K	20	1027.022	1148.195	1140.175	1140.679	1139.671	K[23]
K	21	1091.559	1099.737	1076.128	1076.632	1075.625	K[22]
K	22	1155.117	1020.090	1012.080	1012.584	1011.576	K[21]
A	23	1190.615	956.042	948.033	948.537	947.529	A[20]
K	24	1254.683	920.524	912.514	913.018	912.010	K[19]
K	25	1318.730	856.476	848.467	848.971	847.963	K[18]
T	26	1369.254	792.429	784.419	784.923	783.915	T[17]
G	27	1397.805	741.905	733.895	734.399	733.391	G[16]
A	28	1431.284	713.394	705.385	705.889	704.881	A[15]
A	29	1468.802	677.876	669.866	670.370	669.362	A[14]
A	30	1504.321	642.357	634.348	634.852	633.844	A[13]
G	31	1532.831	606.839	598.829	599.333	598.325	G[12]
K	32	1586.878	678.328	670.318	670.822	669.814	K[11]
R	33	1674.929	614.809	606.799	607.303	606.295	R[10]
K	34	1738.977	436.290	428.280	428.784	427.776	K[9]
A	35	1774.495	372.182	364.173	364.677	363.669	A[8]
S	36	1818.011	336.664	328.654	329.158	328.150	S[7]
G	37	1846.522	291.140	283.130	283.634	282.626	G[6]
F	38	1895.040	264.617	256.607	257.111	256.103	F[5]
F	39	1943.575	218.110	210.101	210.605	209.597	F[4]
V	40	1993.109	167.584	159.575	160.079	159.071	V[3]
S	41	2036.625	118.050	110.041	110.544	109.537	S[2]
E	42	2101.146	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

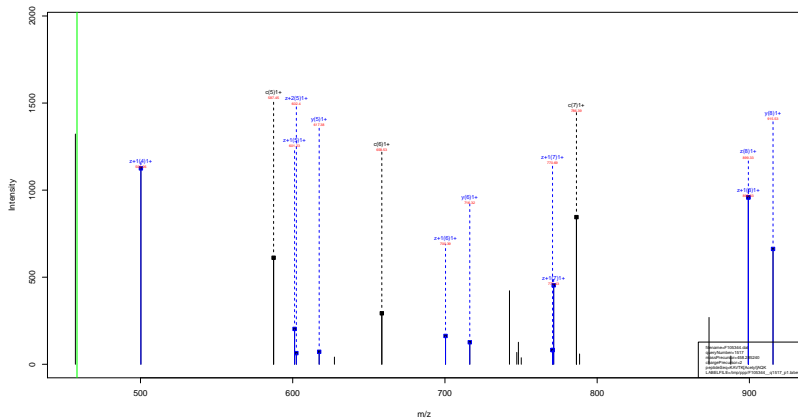
[Acetyl]SETAPAAPAAPAVEKT^{Phospho 79.97}PVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=39.24
- ▶ F105343.dat
- ▶ query=q14653.p1
- ▶ precursor=1051.330600
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1401.428	1390.089	0.672	1395.753	S[42]
E	2	62.711	1398.415	1353.074	0.672	1352.738	E[41]
T	3	139.394	1315.400	1304.011	0.672	1309.295	T[40]
A	4	150.073	1280.717	1276.378	0.672	1276.042	A[39]
P	5	182.424	1258.038	1252.699	0.672	1252.363	P[38]
A	6	206.101	1225.687	1220.348	0.672	1220.011	A[37]
A	7	229.782	1202.008	1196.669	0.672	1196.333	A[36]
P	8	262.133	1178.329	1172.990	0.672	1172.654	P[35]
A	9	285.812	1145.978	1140.639	0.672	1140.303	A[34]
A	10	309.491	1122.299	1118.959	0.672	1118.623	A[33]
P	11	341.842	1098.620	1093.281	0.672	1092.945	P[32]
A	12	365.521	1066.269	1060.930	0.672	1060.594	A[31]
P	13	397.872	1042.590	1037.251	0.672	1036.915	P[30]
V	14	430.204	1010.230	1004.900	0.672	1004.564	V[29]
E	15	473.509	977.210	971.871	0.672	971.534	E[28]
K	16	516.807	944.202	938.863	0.672	938.527	K[27]
I	17	576.945	891.504	886.104	0.672	885.825	I[26]
P	18	609.296	831.100	825.826	0.672	825.490	P[25]
V	19	642.319	798.815	793.475	0.672	793.139	V[24]
K	20	685.017	765.792	760.453	0.672	760.117	K[23]
K	21	727.715	723.094	717.754	0.672	717.418	K[22]
K	22	770.414	689.398	684.058	0.672	683.723	K[21]
A	23	794.093	637.697	632.358	0.672	632.022	A[20]
K	24	816.791	614.018	608.679	0.672	608.343	K[19]
K	25	879.489	571.320	565.980	0.672	565.644	K[18]
T	26	913.172	528.622	523.282	0.672	522.946	T[17]
G	27	932.179	494.930	489.590	0.672	489.254	G[16]
A	28	953.858	475.932	470.592	0.672	470.256	A[15]
A	29	979.537	452.251	446.911	0.672	446.575	A[14]
A	30	1003.216	428.574	423.234	0.672	422.898	A[13]
G	31	1022.223	404.895	399.555	0.672	399.219	G[12]
K	32	1064.622	385.888	380.548	0.672	380.211	K[11]
R	33	1116.955	343.180	337.850	0.672	337.514	R[10]
K	34	1159.654	291.150	285.810	0.672	285.480	K[9]
A	35	1193.319	249.462	244.122	0.672	243.786	A[8]
S	36	1212.343	224.778	219.439	0.672	219.103	S[7]
G	37	1231.351	195.767	190.428	0.672	190.092	G[6]
P	38	1263.701	176.760	171.421	0.672	171.085	P[5]
P	39	1296.052	144.400	139.070	0.672	138.734	P[4]
V	40	1329.075	112.058	106.719	0.672	106.383	V[3]
S	41	1358.086	79.038	73.698	0.672	73.362	S[2]
E	42	1401.100	50.025	44.685	0.672	44.349	E[1]

sp | Q6ZWY9 | H2B1C_MOUSE

KAVTK ^{Acetyl} AQK
42.01



sp | Q6ZWY9 | H2B1C_MOUSE

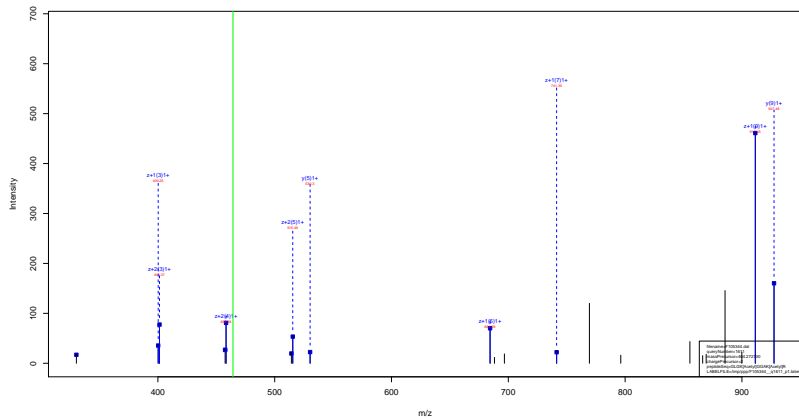
KAVTK^{Acetyl} AQK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.56
- ▶ F105344.dat
- ▶ query=q1517.p1
- ▶ precursor=458.285240
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	146.129	915.562	899.543	900.551	898.536	K[8]
A[2]	217.166	787.467	771.449	772.456	770.441	A[7]
V[3]	316.234	716.430	700.411	701.419	699.404	V[6]
T[4]	417.262	617.362	601.343	602.351	600.335	T[5]
K[5]	587.388	516.314	500.295	501.303	499.287	K[4]
A[6]	658.425	446.208	330.190	331.198	329.182	A[3]
Q[7]	786.483	278.171	269.153	260.160	258.145	Q[2]
K[8]	914.578	147.113	331.094	332.102	330.086	K[1]

sp | P62806 | H4_MOUSE

GLGK ^{Acetyl} GGAK ^{Acetyl} R
42.01 42.01



sp | P62806 | H4_MOUSE

GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} R

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.17
- ▶ F105344.dat
- ▶ query=q1611.p1
- ▶ precursor=464.272100
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G [1]	75.055	927.537	911.518	0.000	910.510	G [9]
L [2]	188.139	870.316	551.497	0.000	853.489	L [8]
G [3]	245.161	737.832	741.413	0.000	740.405	G [7]
K [4]	415.266	700.410	684.391	695.399	583.384	K [6]
G [5]	472.288	530.305	514.286	515.294	513.278	G [5]
G [6]	529.309	473.283	457.264	458.272	456.257	G [4]
A [7]	600.346	416.262	400.243	401.251	399.235	A [3]
K [8]	770.452	345.234	329.206	330.214	328.198	K [2]
R [9]	936.553	175.119	159.100	160.108	158.092	R [1]

sp | P62806 | H4_MOUSE

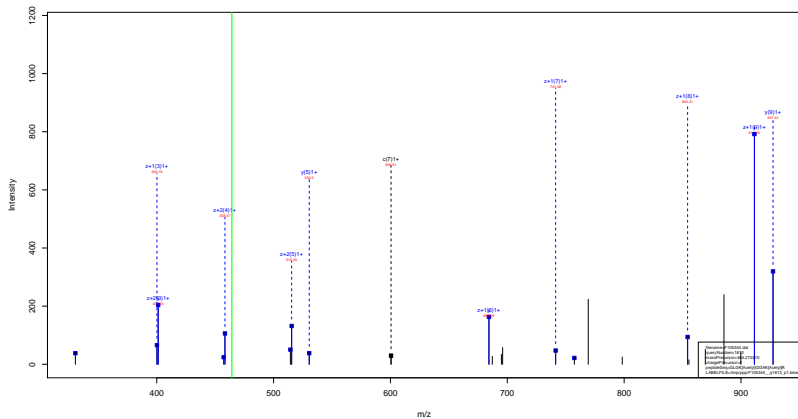
GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl R

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.37
- ▶ F105344.dat
- ▶ query=q1612.p1
- ▶ precursor=464.272160
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	927.537	911.518	0.000	910.510	G[9]
L[2]	188.139	870.516	854.497	0.000	853.489	L[8]
G[3]	283.164	737.432	741.413	0.000	740.405	G[7]
K[4]	415.266	700.410	684.391	685.399	683.384	K[6]
G[5]	472.288	530.305	514.286	515.294	513.278	G[5]
G[6]	529.309	473.283	457.264	458.272	456.257	G[4]
A[7]	600.346	416.262	400.243	401.251	399.235	A[3]
R[8]	770.482	345.224	329.206	330.214	328.198	R[2]
R[9]	926.553	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

GLGK ^{Acetyl} GGAK ^{Acetyl} R
42.01 42.01

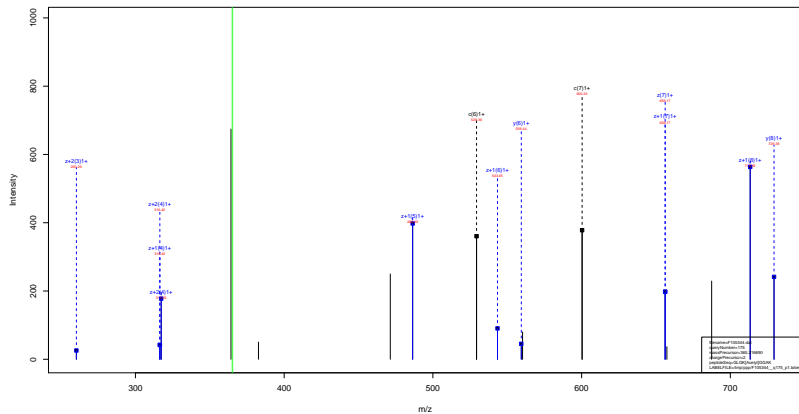


sp | P62806 | H4_MOUSE

GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl R

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.82
- ▶ F105344.dat
- ▶ query=q1613.p1
- ▶ precursor=464.272210
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	927.537	911.518	0.000	910.510	G[9]
L[2]	188.139	870.515	854.497	0.000	853.489	L[8]
G[3]	283.164	757.432	741.413	0.000	740.405	G[7]
K[4]	415.266	700.410	684.391	685.399	683.384	K[6]
G[5]	472.288	530.305	514.286	515.294	513.278	G[5]
L[6]	529.309	473.283	457.264	458.272	456.257	L[4]
A[7]	600.346	416.262	400.243	401.251	399.235	A[3]
R[8]	770.482	345.224	329.206	330.214	328.198	R[2]
R[9]	926.553	175.119	159.100	160.108	158.092	R[1]

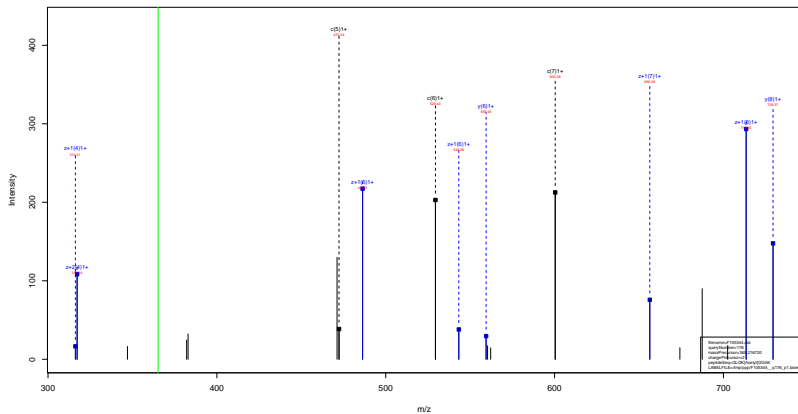


sp | P62806 | H4_MOUSE

GLGK^{Acetyl}GGAK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.90
- ▶ F105344.dat
- ▶ query=q175-p1
- ▶ precursor=365.216690
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	729.425	713.407	0.000	712.399	G[8]
L[2]	188.139	672.404	656.385	0.000	655.377	L[7]
G[3]	245.161	559.320	543.301	0.000	542.293	G[6]
K[4]	415.266	502.298	486.280	487.287	485.272	K[5]
G[5]	472.288	332.193	316.174	317.182	315.166	G[4]
G[6]	529.309	-975.171	259.153	260.160	258.145	G[3]
A[7]	600.346	-218.150	202.131	203.139	201.123	A[2]
R[8]	728.441	147.113	131.094	132.102	130.086	K[1]



sp | P62806 | H4_MOUSE

GLGK^{Acetyl}GGAK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.33
- ▶ F105344.dat
- ▶ query=q176-p1
- ▶ precursor=365.216720
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	729.425	713.407	0.000	712.399	G[8]
L[2]	188.139	672.404	656.385	0.000	655.377	L[7]
G[3]	245.161	559.320	543.301	0.000	542.293	G[6]
K[4]	415.266	302.298	486.280	487.287	485.272	K[5]
G[5]	472.288	332.193	316.174	317.182	315.166	G[4]
G[6]	529.309	275.171	259.153	260.160	258.145	G[3]
A[7]	600.346	218.150	202.131	203.139	201.123	A[2]
K[8]	728.441	147.113	131.094	132.102	130.086	K[1]

sp | P43277 | H13_MOUSE

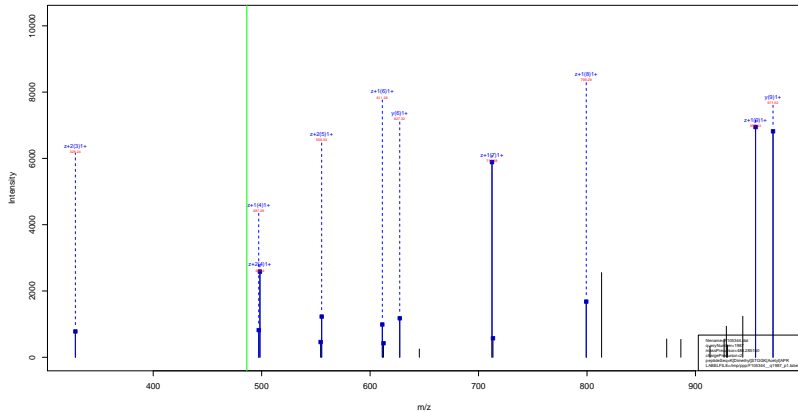
KPAAAAGAK ^{Acetyl} K
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.24
- ▶ F105344.dat
- ▶ query=q1845_p1
- ▶ precursor=477.790180
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K	146.129	954.573	938.554	939.562	937.547	K
P	243.182	826.478	810.459	811.467	809.452	P
A	314.219	729.425	713.407	714.414	712.399	A
A	385.256	658.388	642.370	643.377	641.362	A
A	456.293	587.351	571.332	572.340	570.325	A
A	527.330	516.314	500.295	501.303	499.287	A
G	584.351	445.277	429.258	430.266	428.250	G
A	655.389	388.255	372.237	373.245	371.229	A
K	825.494	117.213	361.200	362.207	360.192	K
K	953.589	147.113	131.094	132.102	130.086	K

sp | P68433 | H31_MOUSE

K Dimethyl STGGK Acetyl APR
28.03 42.01



sp | P68433 | H31_MOUSE

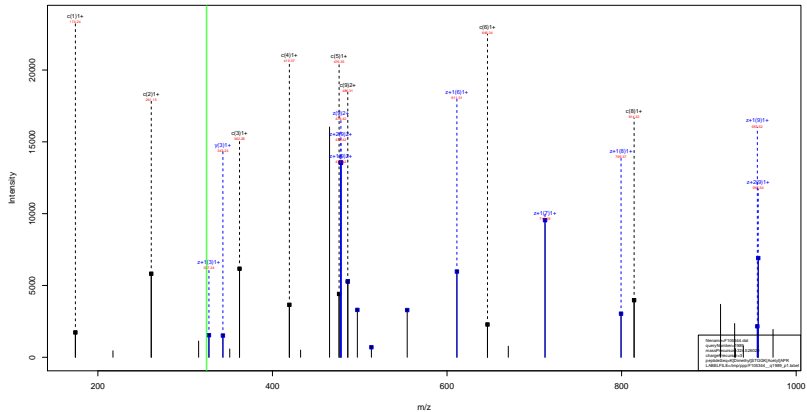
K^{Dimethyl} 28.03 STGGK^{Acetyl} 42.01 APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.08
- ▶ F105344.dat
- ▶ query=q1987.p1
- ▶ precursor=486.285150
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K	174.160	971.563	955.545	956.552	954.537	K
S	261.192	835.431	799.413	800.429	798.410	S
T	362.240	728.405	712.386	713.394	711.370	T
C	419.261	627.357	611.339	612.346	610.331	C
G	476.283	570.330	554.317	555.325	553.309	G
K	646.388	513.314	497.296	498.303	496.288	K
A	717.425	343.209	327.190	328.198	326.182	A
P	814.478	272.172	256.153	257.161	255.145	P
R	970.579	175.119	159.100	160.108	158.092	R

sp | P68433 | H31_MOUSE

K Dimethyl STGGK Acetyl APR
28.03 42.01



sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} STGGK^{Acetyl}_{42.01} APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.71
- ▶ F105344.dat
- ▶ query=q1989_p1
- ▶ precursor=324.526020
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K	174.160	971.563	955.545	956.552	954.537	K
S	261.192	815.437	799.418	800.426	798.410	S
T	362.240	728.405	712.386	713.394	711.378	T
G	419.261	627.357	611.339	612.346	610.331	G
G	476.283	570.336	554.317	555.325	553.309	G
K	646.388	513.314	497.296	498.303	496.288	K
A	717.425	343.209	327.190	328.198	326.182	A
P	814.478	272.172	256.153	257.161	255.145	P
R	970.579	175.119	159.100	160.108	158.092	R

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} STGGK^{Acetyl}_{42.01} APR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.71
- ▶ F105344.dat
- ▶ query=q1989_p1
- ▶ precursor=324.526020
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [1]	87.584	486.285	478.276	478.780	477.172	R [9]
S [2]	131.100	408.222	400.213	400.717	399.709	S [8]
T [3]	183.824	354.705	355.697	357.201	356.193	T [7]
G [4]	210.134	314.182	306.173	306.677	305.669	G [6]
Q [5]	238.645	285.672	277.662	278.166	277.158	Q [5]
K [6]	323.698	257.161	249.151	249.655	248.648	K [4]
A [7]	359.216	172.108	164.099	164.603	163.595	A [3]
P [8]	407.743	136.589	128.580	129.084	128.076	P [2]
R [9]	485.793	88.063	80.054	80.558	79.550	R [1]

sp | P68433 | H31_MOUSE

K^{Acetyl} 42.01 STGGK^{Acetyl} 42.01 APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.26
- ▶ F105344.dat
- ▶ query=q2117.p1
- ▶ precursor=493.274470
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	1	188.139	985.543	969.524	970.532	968.516	K[9]
S	2	275.171	815.437	799.418	800.426	798.410	S[8]
T	3	318.219	728.403	712.386	713.394	711.378	T[7]
G	4	433.241	627.357	611.339	612.346	610.331	G[6]
G	5	490.262	570.336	554.317	555.325	553.309	G[5]
K	6	660.368	513.314	497.296	498.303	496.288	K[4]
A	7	731.405	343.209	327.190	328.198	326.182	A[3]
P	8	828.457	272.172	256.153	257.161	255.145	P[2]
R	9	984.559	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

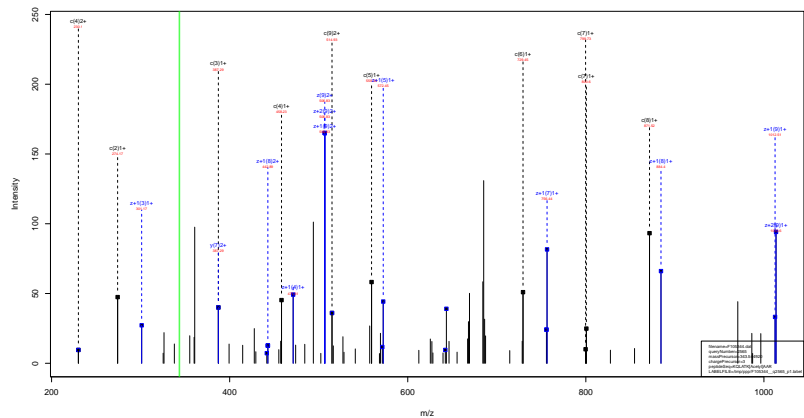
KS ^{Phospho}79.97 TGGK ^{Acetyl}42.01 APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.65
- ▶ F105344.dat
- ▶ query=q2492.p1
- ▶ precursor=512.252120
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K	140.129	1023.498	1007.480	1008.487	1006.472	K 0
S	313.127	895.403	879.385	880.392	878.377	S 8
T	414.175	728.405	712.386	713.394	711.378	T 0
G	471.188	627.397	611.379	612.346	610.331	G 0
Q	528.218	570.335	554.317	555.325	553.309	Q 5
K	698.323	513.314	497.296	498.303	496.288	K 6
A	769.350	343.209	327.190	328.198	326.182	A 3
P	866.413	272.172	256.153	257.161	255.145	P 2
R	1022.514	175.119	159.100	160.108	158.092	R 1

sp | P68433 | H31_MOUSE

KQLATK^{Acetyl}AAR
42.01



sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.43
- ▶ F105344.dat
- ▶ query=q2565.p1
- ▶ precursor=343.544920
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K	146.129	1028.621	1012.602	1013.610	1011.598	K[9]
Q	274.187	900.520	884.567	885.515	883.503	Q[8]
L	387.271	772.468	756.449	757.497	755.441	L[7]
A	458.308	659.384	643.365	644.373	642.357	A[6]
T	559.356	588.340	572.328	573.335	571.320	T[5]
K	729.462	487.299	471.280	472.288	470.273	K[4]
A	800.499	317.193	301.174	302.182	300.167	A[3]
A	871.536	246.156	230.137	231.145	229.130	A[2]
R	1027.637	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

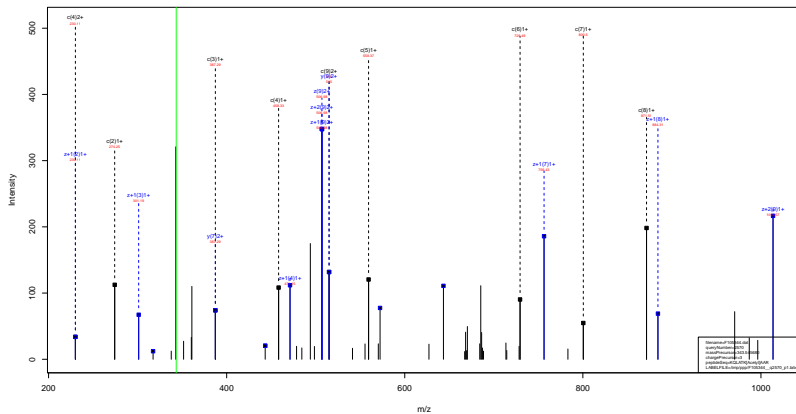
KQLATK^{Acetyl}AAR
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.43
- ▶ F105344.dat
- ▶ query=q2565_p1
- ▶ precursor=343.544920
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	[1]	73.568	514.814	506.805	507.309	506.301	K[9]
Q	[2]	137.597	450.767	442.757	443.261	442.253	Q[8]
L	[3]	194.130	386.737	376.729	379.232	378.224	L[7]
A	[4]	229.658	130.195	322.180	322.680	321.682	A[6]
T	[5]	280.182	294.677	298.667	297.171	298.164	T[5]
K	[6]	365.235	344.153	236.144	236.640	235.640	K[4]
A	[7]	400.763	199.100	351.091	351.595	350.587	A[3]
A	[8]	436.272	123.582	115.572	116.076	115.068	A[2]
R	[9]	514.322	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01



sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.66
- ▶ F105344.dat
- ▶ query=q2570_p1
- ▶ precursor=343.545680
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K [1]	146.129	1028.621	1012.603	1013.610	1011.595	K [0]
Q [2]	274.187	900.526	884.507	885.515	883.500	Q [0]
L [3]	387.271	772.468	756.449	757.457	755.441	L [1]
A [4]	458.309	659.384	643.365	644.373	642.357	A [0]
T [5]	559.356	588.340	572.328	573.335	571.320	T [0]
K [6]	729.462	487.299	471.280	472.288	470.272	K [4]
A [7]	800.499	317.193	301.174	302.182	300.167	A [3]
A [8]	871.536	246.156	230.137	231.145	229.130	A [2]
R [9]	1027.637	175.119	159.100	160.108	158.092	R [1]

sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.66
- ▶ F105344.dat
- ▶ query=q2570_p1
- ▶ precursor=343.545680
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	[1]	73.568	514.814	506.805	507.309	506.301	K[0]
Q	[2]	137.597	450.767	442.757	443.261	442.253	Q[0]
L	[3]	194.130	386.737	376.729	379.232	378.224	L[1]
A	[4]	229.658	130.195	322.180	322.680	321.662	A[6]
T	[5]	280.182	294.677	288.667	287.171	286.164	T[5]
K	[6]	365.235	344.153	236.144	236.640	235.640	K[4]
A	[7]	400.763	199.100	351.091	351.595	350.587	A[3]
A	[8]	436.272	123.582	115.572	116.076	115.068	A[2]
R	[9]	514.322	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

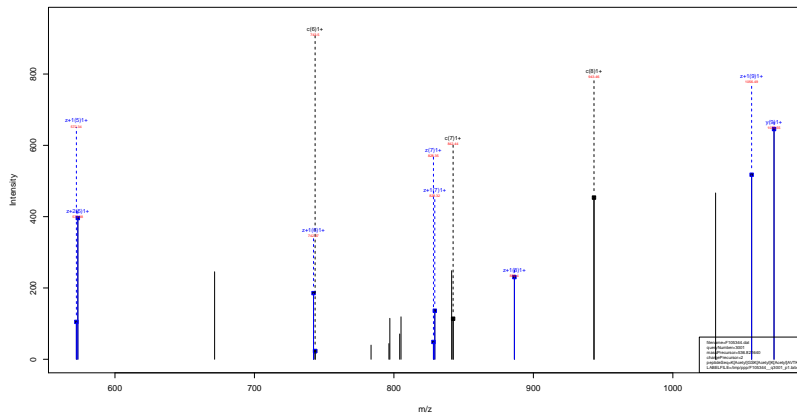
K^{Dimethyl}_{28.03} S^{Phospho}_{79.97} TGGK^{Acetyl}_{42.01} APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.48
- ▶ F105344.dat
- ▶ query=q2769.p1
- ▶ precursor=526.268640
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	1	174.180	1051.530	1035.511	1036.519	1034.503	K[0]
S	2	341.158	895.403	879.385	880.392	878.377	S[8]
T	3	442.206	738.405	712.386	713.394	711.378	T[7]
G	4	499.238	627.357	611.339	612.346	610.331	G[6]
G	5	556.269	570.338	554.317	555.325	553.309	G[5]
K	6	726.355	513.314	497.296	498.303	496.288	K[4]
A	7	797.392	343.200	327.190	328.198	326.182	A[3]
P	8	894.444	272.172	256.153	257.161	255.145	P[2]
R	9	1050.546	175.119	159.100	160.108	158.092	R[1]

sp | Q6ZWY9 | H2B1C_MOUSE

K_{42.01} Acetyl GSK K_{42.01} Acetyl AVTK



sp | Q6ZWY9 | H2B1C_MOUSE

K_{42.01} Acetyl GSK_{42.01} Acetyl K_{42.01} Acetyl AVTK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.64
- ▶ F105344.dat
- ▶ query=q3001.p1
- ▶ precursor=536.821640
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	1	188.139	1072.636	1056.617	1057.629	1055.610	K[0]
G	2	245.161	902.531	886.512	887.520	885.504	G[8]
S	3	332.193	645.509	629.490	630.499	628.483	S[7]
K	4	502.288	758.477	742.458	743.466	741.451	K[6]
K	5	672.404	588.372	572.353	573.361	571.345	K[5]
A	6	743.441	418.266	402.247	403.255	401.239	A[4]
V	7	842.509	347.229	331.210	332.218	330.202	V[3]
T	8	943.557	248.160	232.142	233.150	231.134	T[2]
K	9	1071.652	147.113	131.094	132.102	130.086	K[1]

sp | P62806 | H4_MOUSE

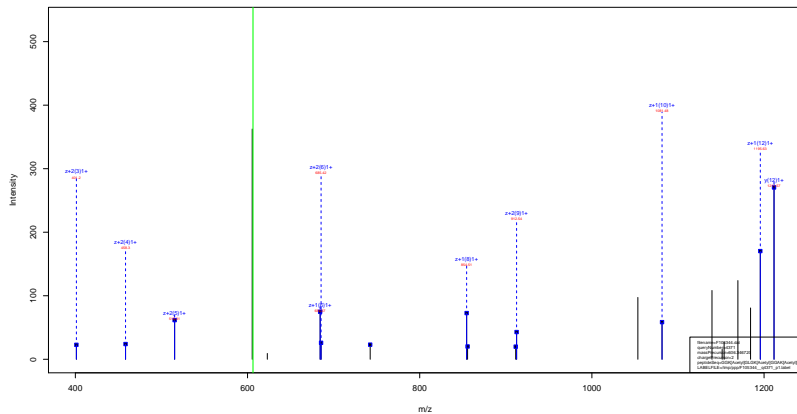
GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} R

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.21
- ▶ F105344.dat
- ▶ query=q4370_p1
- ▶ precursor=606.345940
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
G	1	75.055	1211.685	1195.467	0.000	1194.699	G	12
G	2	132.077	1154.969	1138.645	0.990	1137.657	G	11
K	3	302.182	1097.643	1081.624	1082.632	1080.618	K	10
G	4	350.204	927.537	911.518	912.526	910.510	G	9
L	5	472.288	870.516	854.497	855.505	853.489	L	8
G	6	520.309	757.432	741.413	742.421	740.405	G	7
K	7	660.415	700.410	684.391	685.399	683.384	K	6
G	8	758.438	530.305	514.286	515.294	513.278	G	5
G	9	813.458	473.293	457.284	438.272	456.261	G	4
A	10	884.495	416.262	400.243	401.251	399.235	A	3
K	11	1054.600	345.224	329.206	330.214	328.198	K	2
R	12	1210.701	175.119	159.100	160.108	158.092	R	1

sp | P62806 | H4_MOUSE

GGK^{Acetyl} 42.01 GLGK^{Acetyl} 42.01 GGAK^{Acetyl} 42.01 R



sp | P62806 | H4_MOUSE

GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} R

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.47
- ▶ F105344.dat
- ▶ query=q4371.p1
- ▶ precursor=606.346720
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
G	1	75.055	1211.685	1195.667	0.000	1194.699	G	12
G	2	132.077	1154.969	1138.955	0.990	1137.957	G	11
K	3	302.182	1097.643	1081.624	1082.632	1080.618	K	10
G	4	350.204	927.537	911.518	912.526	910.510	G	9
L	5	472.288	870.516	854.497	855.505	853.489	L	8
G	6	520.309	757.432	741.413	742.421	740.405	G	7
K	7	690.415	700.410	684.391	685.399	683.384	K	6
G	8	758.438	530.305	514.286	515.294	513.278	G	5
G	9	813.458	473.281	457.264	458.272	456.256	G	4
A	10	884.495	416.262	400.243	401.251	399.235	A	3
K	11	1054.600	345.224	329.206	320.214	328.198	K	2
R	12	1210.701	175.119	159.100	160.108	158.092	R	1

sp | Q3THW5 | H2AV_MOUSE

AGGK ^{Acetyl} 42.01 AGK ^{Acetyl} 42.01 DSGK ^{Acetyl} 42.01 AK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.63
- ▶ F105344.dat
- ▶ query=q5332_p1
- ▶ precursor=650.847140
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	a+1	a+2	a	AA
A 1	59.071	1300.686	1294.667	0.000	1283.659	A 13
G 2	146.092	1229.648	1213.630	0.000	1212.622	G 12
G 3	203.114	1172.627	1156.608	0.000	1155.600	G 11
R 4	373.219	1115.606	1099.587	1100.595	1098.579	R 10
A 5	444.257	948.500	929.481	930.489	928.473	A 9
G 6	501.279	874.463	858.445	859.452	857.436	G 8
R 7	671.334	817.441	801.423	802.431	800.415	R 7
D 8	786.410	647.389	631.371	632.325	630.309	D 6
S 9	873.442	532.309	516.290	517.298	515.282	S 5
G 10	930.464	445.277	429.258	430.266	428.250	G 4
R 11	1160.569	388.205	372.187	373.245	371.229	R 3
A 12	1171.607	218.150	202.131	203.139	201.123	A 2
R 13	1299.702	147.113	131.094	132.102	130.086	R 1

sp | P68433 | H31_MOUSE

EIAQDFK^{Dimethyl}_{28.03} TDLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.39
- ▶ F105344.dat
- ▶ query=q5844.p1
- ▶ precursor=455.243780
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E [1]	147.076	1363.722	1347.703	0.000	1346.695	E[11]
I [2]	260.160	1234.679	1238.660	0.000	1217.652	I[10]
A [3]	331.198	1121.595	1105.576	0.000	1104.568	A[9]
Q [4]	459.256	1009.535	1034.539	1035.547	1033.531	Q[8]
D [5]	574.283	822.499	906.481	907.488	905.471	D[7]
F [6]	721.352	807.472	791.454	792.461	790.444	F[6]
K [7]	877.478	660.404	644.385	645.393	643.377	K[5]
T [8]	978.525	504.278	488.259	489.267	487.251	T[4]
D [9]	1093.552	403.230	387.211	388.219	386.203	D[3]
L [10]	1206.636	288.203	272.184	273.192	271.176	L[2]
R [11]	1362.738	175.110	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

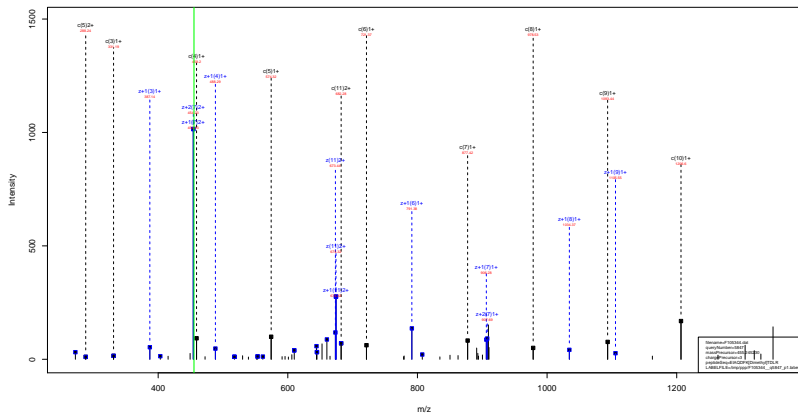
EIAQDFK^{Dimethyl} TDLR
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.39
- ▶ F105344.dat
- ▶ query=q5844.p1
- ▶ precursor=455.243780
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E [1]	74.042	682.364	674.355	0.504	673.851	E[11]
T [2]	130.584	617.843	609.834	0.504	609.330	T[10]
A [3]	166.102	561.301	553.292	0.504	552.788	A[9]
Q [4]	239.132	325.783	317.773	313.277	317.269	Q[8]
D [5]	287.645	361.753	453.744	454.248	453.240	D[7]
F [6]	351.179	404.240	398.230	396.734	395.727	F[6]
K [7]	439.243	330.706	322.696	323.200	322.192	K[5]
T [8]	489.766	252.642	244.633	245.137	244.129	T[4]
D [9]	547.280	202.119	194.109	194.613	193.605	D[3]
L [10]	603.822	144.605	136.595	137.100	136.092	L[2]
R [11]	681.872	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

EIAQDFK ^{Dimethyl} TDLR
28.03



sp | P68433 | H31_MOUSE

EIAQDFK^{Dimethyl}_{28.03} TDLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.88
- ▶ F105344.dat
- ▶ query=q5847.p1
- ▶ precursor=455.245230
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E [1]	147.076	1363.722	1347.703	0.000	1346.695	E[11]
I [2]	260.100	1234.679	1218.660	0.000	1217.652	I[10]
A [3]	331.198	1121.595	1105.576	0.000	1104.568	A[9]
Q [4]	453.256	1050.598	1034.539	1033.547	1033.531	Q[8]
D [5]	574.283	922.499	906.481	907.488	906.471	D[7]
F [6]	721.352	807.472	791.454	792.461	790.446	F[6]
K [7]	877.478	660.404	644.385	645.393	643.377	K[5]
T [8]	978.525	504.278	488.259	489.267	487.251	T[4]
D [9]	1093.552	403.230	387.211	388.219	386.203	D[3]
L [10]	1206.636	288.203	272.184	273.192	271.176	L[2]
R [11]	1362.738	175.110	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

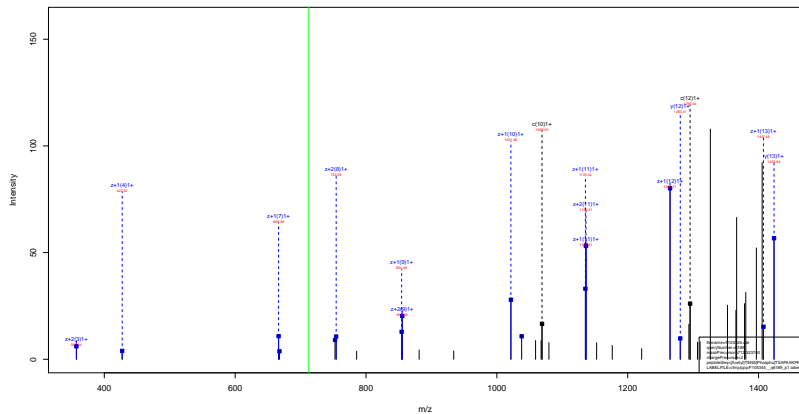
EIAQDFK^{Dimethyl} TDLR
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.88
- ▶ F105344.dat
- ▶ query=q5847.p1
- ▶ precursor=455.245230
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E [1]	74.042	682.364	674.355	0.504	673.851	E[11]
T [2]	130.584	617.843	609.834	0.504	609.330	T[10]
A [3]	166.102	561.301	553.292	0.504	552.788	A[9]
Q [4]	239.132	825.785	817.773	818.277	817.269	Q[8]
D [5]	287.645	461.753	453.744	454.248	453.240	D[7]
F [6]	351.179	404.240	396.230	396.734	395.727	F[6]
K [7]	439.243	330.706	322.696	323.200	322.193	K[5]
T [8]	489.766	252.642	244.633	245.137	244.129	T[4]
D [9]	547.280	202.119	194.109	194.613	193.605	D[3]
L [10]	603.822	144.605	136.595	137.100	136.092	L[2]
R [11]	681.872	88.063	80.054	80.558	79.550	R[1]

sp | P10922 | H10_MOUSE

[Acetyl]TENS^{Phospho}_{79.97} TSAPAAKPK



sp | P10922 | H10_MOUSE

[Acetyl]TENS^{Phospho}_{79.97} TSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.75
- ▶ F105344.dat
- ▶ query=q6189_p1
- ▶ precursor=712.323740
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
T	1	181.092	1423.646	1487.628	0.000	1406.620	T[13]
E	2	290.135	1280.588	1264.509	0.000	1263.560	E[12]
N	3	494.178	1151.546	1135.527	1136.535	1134.519	N[11]
S	4	571.176	1037.503	1021.484	1022.492	1020.470	S[10]
T	5	872.224	810.504	854.486	855.493	853.476	T[9]
S	6	789.258	789.451	751.420	754.446	752.430	S[8]
A	7	830.293	682.425	666.406	667.414	665.390	A[7]
P	8	927.346	611.388	595.309	596.377	594.361	P[6]
A	9	968.383	514.335	498.316	499.324	497.300	A[5]
A	10	1069.420	443.290	427.279	428.287	426.271	A[4]
K	11	1167.519	372.281	355.262	357.250	355.234	K[3]
P	12	1294.567	244.166	228.147	229.155	227.139	P[2]
K	13	1422.662	147.113	131.094	132.102	130.086	K[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=82.31
- ▶ F105344.dat
- ▶ query=q6662.p1
- ▶ precursor=373.229620
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R[1]	174.160	1439.935	1473.877	1474.885	1472.870	R[14]
S[2]	261.192	1333.770	1317.751	1318.759	1316.743	S[13]
A[3]	332.279	1246.748	1230.719	1231.727	1229.711	A[12]
P[4]	429.282	1175.701	1159.682	1160.690	1158.674	P[11]
A[5]	500.319	1078.648	1062.629	1063.637	1061.621	A[10]
T[6]	601.367	1007.611	991.592	992.600	990.584	T[9]
G[7]	658.398	906.563	890.544	891.552	889.537	G[8]
G[8]	715.410	840.542	833.523	834.531	832.515	G[7]
V[9]	814.478	780.520	775.502	777.509	775.498	V[6]
K[10]	970.604	693.452	677.433	678.441	676.425	K[9]
K[11]	1098.699	537.326	521.307	522.315	520.299	K[4]
P[12]	1195.752	409.231	393.212	394.220	392.204	P[3]
H[13]	1332.811	312.178	296.159	297.167	295.151	H[2]
R[14]	1488.912	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=82.31
- ▶ F105344.dat
- ▶ query=q6662_p1
- ▶ precursor=373.229620
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	[2]	57.584	745.452	737.442	737.940	738.030	R[14]
S	[2]	131.100	667.389	659.379	659.803	658.875	S[13]
A	[3]	156.618	623.873	615.863	616.367	615.359	A[12]
P	[4]	215.145	588.354	580.345	580.840	579.841	P[11]
A	[5]	250.663	539.828	531.818	532.322	531.314	A[10]
T	[6]	301.187	504.309	496.300	496.804	495.796	T[9]
G	[7]	329.698	453.785	445.776	446.280	445.272	G[8]
G	[8]	358.208	425.275	417.265	417.769	416.761	G[7]
V	[9]	407.743	396.764	388.754	389.258	388.250	V[6]
K	[10]	485.806	347.230	339.220	339.724	338.716	R[5]
K	[11]	449.654	299.166	261.157	261.661	260.653	K[4]
P	[12]	598.380	205.119	197.110	197.614	196.606	P[3]
H	[13]	666.909	156.583	148.583	149.087	148.079	H[2]
R	[14]	744.960	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=82.31
- ▶ F105344.dat
- ▶ query=q6662.p1
- ▶ precursor=373.229620
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	3	58.725	497.304	491.954	492.300	491.628	R[14]
S	2	87.736	445.261	439.927	440.256	439.566	S[13]
A	3	111.415	416.251	410.911	411.247	410.575	A[12]
P	4	143.766	392.572	387.232	387.568	386.896	P[11]
A	5	167.445	360.221	354.881	355.217	354.545	A[10]
T	6	201.127	336.542	331.202	331.538	330.866	T[9]
G	7	220.134	302.859	297.520	297.856	297.184	G[8]
G	8	239.141	283.852	278.513	278.848	278.177	G[7]
V	9	272.164	264.845	259.505	259.841	259.169	V[6]
K	10	324.206	231.822	226.483	226.819	226.147	K[5]
K	11	358.908	179.780	174.440	174.776	174.105	K[4]
P	12	399.256	137.082	131.742	132.078	131.406	P[3]
H	13	444.942	104.731	99.391	99.727	99.055	H[2]
R	14	496.976	59.045	53.705	54.041	53.369	R[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} K^{Dimethyl}_{28.03} P^{Dimethyl}_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.49
- ▶ F105344.dat
- ▶ query=q6663.p1
- ▶ precursor=373.229970
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K	174.160	1489.896	1473.877	1474.885	1472.870	K[14]
S	261.192	1333.770	1317.751	1318.759	1316.743	S[13]
A	337.239	1246.736	1230.719	1231.727	1229.711	A[12]
P	429.282	1175.701	1159.682	1160.690	1158.674	P[11]
A	500.319	1078.648	1062.629	1063.637	1061.621	A[10]
T	601.367	1007.611	991.592	992.600	990.584	T[9]
G	658.388	906.563	890.544	891.552	889.537	G[8]
G	715.410	849.542	833.523	834.531	832.515	G[7]
V	814.478	782.520	776.502	777.509	776.493	V[6]
K	970.604	693.483	677.463	678.471	676.455	K[5]
K	1058.699	537.326	521.307	522.315	520.299	K[4]
P	1196.752	409.231	393.212	394.220	392.204	P[3]
H	1332.811	312.178	296.159	297.167	295.151	H[2]
R	1488.912	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.49
- ▶ F105344.dat
- ▶ query=q6663.p1
- ▶ precursor=373.229970
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	[2]	57.584	745.452	737.442	737.940	736.938	R[14]
S	[2]	131.100	667.389	659.379	659.883	658.875	S[13]
A	[3]	156.618	623.873	615.863	616.367	615.359	A[12]
P	[4]	215.145	588.354	580.345	580.849	579.841	P[11]
A	[5]	250.663	539.828	531.818	532.322	531.314	A[10]
T	[6]	301.187	504.309	496.300	496.804	495.796	T[9]
G	[7]	329.698	453.785	445.776	446.280	445.272	G[8]
G	[8]	358.208	425.275	417.265	417.769	416.761	G[7]
V	[9]	407.743	396.764	388.754	389.258	388.250	V[6]
K	[10]	485.806	347.230	339.220	339.724	338.716	R[5]
K	[11]	549.853	299.166	291.157	291.661	290.653	R[4]
P	[12]	598.380	205.119	197.110	197.614	196.606	P[3]
H	[13]	666.909	156.583	148.583	149.087	148.079	H[2]
R	[14]	744.960	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

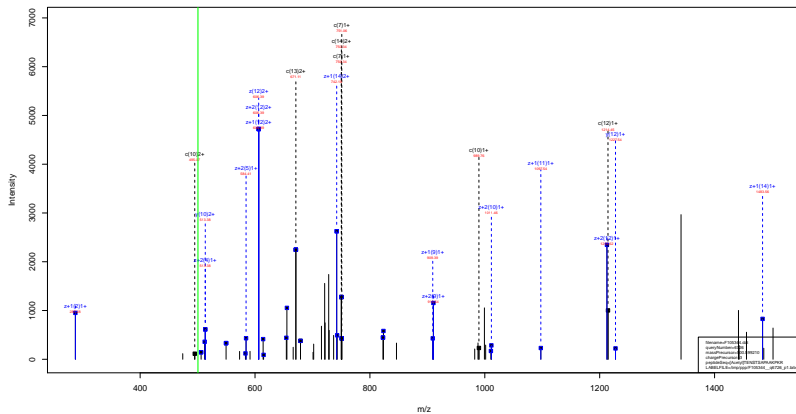
K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=41.49
- ▶ F105344.dat
- ▶ query=q6663.p1
- ▶ precursor=373.229970
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[2]	58.725	497.304	491.964	492.300	491.628	R[14]
S[2]	87.736	445.261	439.927	440.256	439.569	S[13]
A[3]	111.415	416.251	410.911	411.247	410.575	A[12]
P[4]	143.766	392.572	387.232	387.568	386.896	P[11]
A[5]	167.445	360.221	354.881	355.217	354.545	A[10]
T[6]	201.127	336.542	331.202	331.538	330.866	T[9]
G[7]	220.134	302.859	297.520	297.856	297.184	G[8]
G[8]	239.141	283.852	278.513	278.848	278.177	G[7]
V[9]	272.164	264.845	259.505	259.841	259.169	V[6]
K[10]	324.206	231.822	226.483	226.819	226.147	K[5]
K[11]	356.508	179.780	174.440	174.776	174.105	K[4]
P[12]	399.256	137.082	131.742	132.078	131.406	P[3]
H[13]	444.942	104.731	99.391	99.727	99.055	H[2]
R[14]	496.976	59.045	53.705	54.041	53.369	R[1]

sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPKR



sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPKR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.84
- ▶ F105344.dat
- ▶ query=q6726_p1
- ▶ precursor=500.599210
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T[1]	181.092	1499.783	1483.763	0.000	1482.755	T[14]
E[2]	290.135	1356.723	1340.704	0.000	1339.696	E[13]
R[3]	404.178	1227.660	1211.652	1212.670	1210.654	R[12]
S[4]	491.219	1113.593	1097.619	1096.567	1096.611	S[11]
T[5]	592.257	1026.605	1010.587	1011.595	1009.579	T[10]
S[6]	679.289	925.558	909.539	910.547	908.531	S[9]
A[7]	750.326	838.526	822.507	823.515	821.499	A[8]
P[8]	847.379	767.489	751.470	752.478	750.462	P[7]
A[9]	918.416	670.436	654.417	655.425	653.409	A[6]
A[10]	989.453	599.399	583.380	584.388	582.372	A[5]
K[11]	1117.548	528.362	512.343	513.351	511.335	K[4]
P[12]	1214.601	400.267	384.248	385.256	383.240	P[3]
K[13]	1342.696	303.214	287.195	288.203	286.187	K[2]
R[14]	1488.797	175.119	159.100	160.108	158.092	R[1]

sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPKR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.84
- ▶ F105344.dat
- ▶ query=q6726.p1
- ▶ precursor=500.599210
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T[3]	81.050	750.394	742.385	0.504	741.081	T[14]
E[2]	145.571	678.865	670.856	0.504	670.352	E[13]
N[3]	202.592	614.344	606.334	606.838	605.831	N[12]
S[4]	246.108	597.325	549.313	549.817	548.809	S[11]
T[5]	296.632	513.806	505.797	506.301	505.293	T[10]
S[6]	340.148	463.283	455.273	455.777	454.769	S[9]
A[7]	375.667	419.767	411.757	412.261	411.253	A[8]
P[8]	424.193	384.248	376.239	376.743	375.735	P[7]
A[9]	459.712	335.722	327.712	328.216	327.208	A[6]
A[10]	495.230	300.203	292.194	292.698	291.690	A[5]
K[11]	339.278	254.684	250.675	251.179	250.171	K[4]
P[12]	607.804	200.637	192.628	193.132	192.124	P[3]
K[13]	671.852	152.111	144.101	144.605	143.597	K[2]
R[14]	749.902	88.063	80.054	80.558	79.550	R[1]

sp | P84244 | H33_MOUSE

K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.23
- ▶ F105344.dat
- ▶ query=q6766_p1
- ▶ precursor=377.228130
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	174.160	1505.891	1489.872	1490.880	1488.865	R[14]
S[2]	261.192	1340.705	1333.746	1334.754	1332.739	S[13]
A[3]	832.229	1200.733	1246.714	1247.722	1245.706	A[12]
P[4]	429.282	1191.699	1179.687	1179.689	1174.599	P[11]
S[5]	516.314	1094.643	1078.624	1079.632	1077.616	S[10]
T[6]	617.362	1007.611	991.592	992.600	990.584	T[9]
G[7]	674.383	906.583	890.564	891.552	889.537	G[8]
G[8]	731.405	840.542	833.523	834.531	832.515	G[7]
V[9]	830.473	732.520	776.502	777.509	775.494	V[6]
K[10]	986.599	693.452	677.433	678.441	676.425	K[5]
K[11]	1114.694	537.330	521.307	522.315	520.299	K[4]
P[12]	1211.747	409.231	393.212	394.220	392.204	P[3]
H[13]	1348.806	312.178	296.159	297.167	295.151	H[2]
R[14]	1504.907	175.119	159.100	160.108	158.092	R[1]

sp | P84244 | H33_MOUSE

K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} K^{PHR}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.23
- ▶ F105344.dat
- ▶ query=q6766_p1
- ▶ precursor=377.228130
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[2]	57.584	753.449	745.440	743.944	544.036	R[14]
S[2]	131.100	675.386	667.377	667.801	666.873	S[13]
A[3]	156.618	631.870	623.861	624.365	623.357	A[12]
P[4]	215.145	596.351	588.342	588.846	587.838	P[11]
S[5]	258.661	547.825	539.816	540.320	539.312	S[10]
T[6]	309.184	504.309	496.300	496.804	495.796	T[9]
G[7]	337.695	453.785	445.776	446.280	445.272	G[8]
G[8]	366.206	425.275	417.265	417.769	416.761	G[7]
V[9]	415.740	396.764	388.754	389.258	388.250	V[6]
K[10]	493.803	347.230	339.220	339.724	338.716	R[5]
K[11]	337.694	299.166	261.157	261.661	260.653	K[4]
P[12]	616.377	205.119	197.110	197.614	196.606	P[3]
H[13]	674.907	156.583	148.583	149.087	148.079	H[2]
R[14]	752.957	88.063	80.054	80.558	79.550	R[1]

sp | P84244 | H33_MOUSE

K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} K^{PHR}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=72.23
- ▶ F105344.dat
- ▶ query=q6766.p1
- ▶ precursor=377.228130
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[2]	58.725	502.635	497.296	497.632	496.960	R[14]
S[2]	87.736	450.593	445.254	445.589	444.918	S[13]
A[3]	111.415	421.582	416.243	416.579	415.907	A[12]
P[4]	143.766	397.903	392.564	392.900	392.228	P[11]
S[5]	172.776	365.552	360.213	360.549	359.877	S[10]
T[6]	206.459	336.542	331.202	331.538	330.866	T[9]
G[7]	225.466	302.859	297.520	297.856	297.184	G[8]
G[8]	244.473	283.852	278.513	278.848	278.177	G[7]
V[9]	277.496	264.845	259.505	259.841	259.169	V[6]
K[10]	329.530	231.822	226.483	226.819	226.147	K[5]
K[11]	372.236	179.780	174.440	174.776	174.105	K[4]
P[12]	404.587	137.082	131.742	132.078	131.406	P[3]
H[13]	450.273	104.731	99.391	99.727	99.055	H[2]
R[14]	502.307	59.045	53.705	54.041	53.369	R[1]

sp | P84244 | H33_MOUSE

K^{Acetyl} 42.01 SAPSTGGVK^{Dimethyl} 28.03 KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.59
- ▶ F105344.dat
- ▶ query=q6856_p1
- ▶ precursor=380.722990
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	1	188.139	1519.870	1503.852	1504.850	1502.844	K[14]
S	2	275.171	1349.765	1333.766	1334.754	1332.738	S[13]
A	3	349.936	1262.733	1246.714	1247.722	1245.705	A[12]
P	4	443.261	1191.690	1175.677	1176.685	1174.669	P[11]
S	5	530.293	1094.643	1078.624	1079.632	1077.616	S[10]
T	6	631.341	1007.611	991.592	992.600	990.584	T[9]
G	7	668.362	926.563	890.544	891.552	889.537	G[8]
G	8	745.384	849.542	833.523	834.531	832.515	G[7]
V	9	854.452	782.520	776.502	777.509	775.493	V[6]
K	10	1000.579	693.485	677.463	678.441	676.425	K[5]
K	11	1128.674	597.320	521.307	522.315	520.299	K[4]
P	12	1225.726	499.231	393.212	394.220	392.204	P[3]
H	13	1362.785	512.178	296.159	297.167	295.151	H[2]
R	14	1518.886	175.119	159.100	160.108	158.092	R[1]

sp | P84244 | H33_MOUSE

K^{Acetyl} 42.01 SAPSTGGVK^{Dimethyl} 28.03 KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.59
- ▶ F105344.dat
- ▶ query=q6856_p1
- ▶ precursor=380.722990
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	[2]	94.573	760.439	752.429	752.933	751.926	R[14]
S	[2]	138.089	875.389	667.377	667.881	666.873	S[13]
A	[3]	173.608	631.870	623.861	624.365	623.357	A[12]
P	[4]	222.134	596.351	588.347	588.846	587.838	P[11]
S	[5]	265.650	547.825	539.816	540.320	539.312	S[10]
T	[6]	316.174	504.309	496.300	496.804	495.796	T[9]
G	[7]	344.685	453.789	445.776	446.280	445.272	G[8]
G	[8]	373.196	425.279	417.265	417.769	416.761	G[7]
V	[9]	422.730	396.764	388.754	389.258	388.250	V[6]
K	[10]	500.793	347.230	339.220	339.724	338.716	K[5]
R	[11]	594.840	299.166	294.157	293.661	292.653	R[4]
P	[12]	613.367	205.119	197.110	197.614	196.606	P[3]
H	[13]	681.896	156.583	148.583	149.087	148.079	H[2]
R	[14]	759.947	88.063	80.054	80.558	79.550	R[1]

sp | P84244 | H33_MOUSE

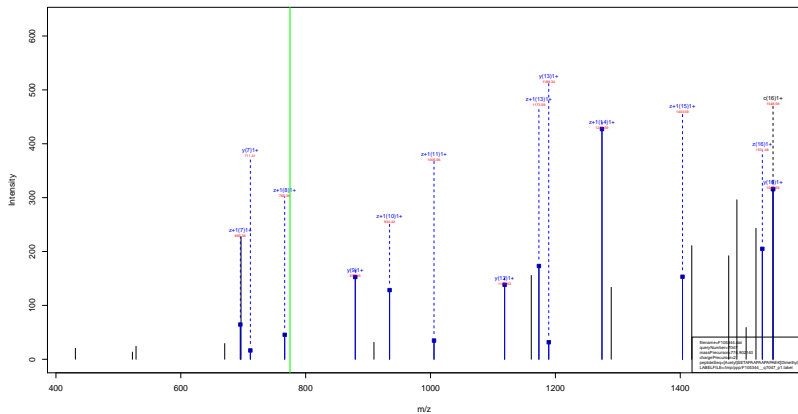
K^{Acetyl} 42.01 SAPSTGGVK^{Dimethyl} 28.03 KPHR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.59
- ▶ F105344.dat
- ▶ query=q6856.p1
- ▶ precursor=380.722990
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	[2]	63.389	507.295	501.955	502.291	501.619	R[14]
S	[2]	92.395	450.593	445.254	445.589	444.918	S[13]
A	[3]	116.074	421.582	416.243	416.579	415.907	A[12]
P	[4]	148.425	397.903	392.564	392.900	392.228	P[11]
S	[5]	177.436	365.552	360.213	360.549	359.877	S[10]
T	[6]	211.119	336.542	331.202	331.538	330.866	T[9]
G	[7]	230.126	302.859	297.520	297.856	297.184	G[8]
G	[8]	249.133	283.852	278.513	278.848	278.177	G[7]
V	[9]	282.156	264.845	259.505	259.841	259.169	V[6]
K	[10]	324.198	231.822	226.483	226.819	226.147	K[5]
K	[11]	376.896	179.780	174.440	174.776	174.105	K[4]
P	[12]	409.247	137.082	131.742	132.078	131.406	P[3]
H	[13]	454.933	104.731	99.391	99.727	99.055	H[2]
R	[14]	506.967	59.045	53.705	54.041	53.369	R[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAEK Dimethyl
28.03



sp | P43274 | H14_MOUSE

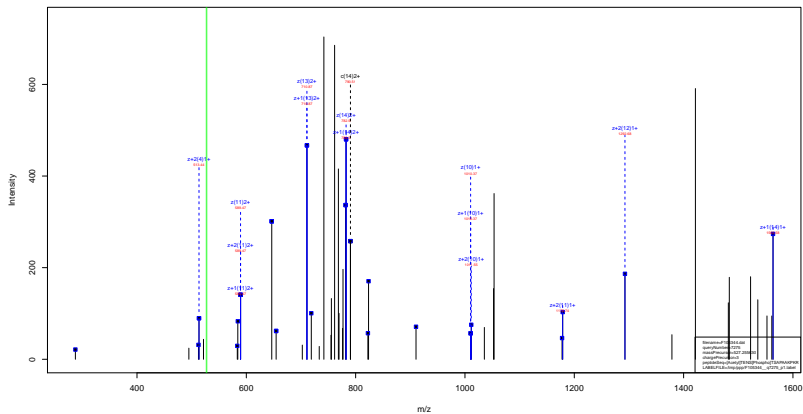
[Acetyl]SETAPAAPAAPAPAEK ^{Dimethyl}
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.04
- ▶ F105344.dat
- ▶ query=q7047.p1
- ▶ precursor=774.902140
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1548.790	1532.772	0.000	1531.764	S[16]
E[2]	276.119	1419.748	1403.729	0.000	1402.721	E[15]
T[3]	377.167	1296.705	1274.687	0.000	1273.679	T[14]
A[4]	448.294	1189.659	1173.639	0.000	1172.631	A[13]
P[5]	545.257	1118.620	1102.602	0.000	1101.594	P[12]
A[6]	616.294	1021.569	1005.549	0.000	1004.541	A[11]
A[7]	687.331	950.531	934.512	0.000	933.504	A[10]
P[8]	784.384	879.493	863.475	0.000	862.467	P[9]
A[9]	855.421	782.441	766.422	0.000	765.414	A[8]
A[10]	926.458	711.404	695.385	0.000	694.377	A[7]
P[11]	1023.511	646.397	634.368	0.000	633.360	P[10]
A[12]	1094.548	543.314	527.295	0.000	526.287	A[6]
P[13]	1191.600	472.277	456.258	0.000	455.250	P[4]
A[14]	1262.638	375.224	359.205	0.000	358.197	A[3]
E[15]	1391.680	304.187	288.168	0.000	287.160	E[2]
R[16]	1547.806	175.144	159.125	180.133	158.116	R[1]

sp | P10922 | H10_MOUSE

[Acetyl]TENS^{Phospho}_{79.97} TSAPAAKPKR



sp | P10922 | H10_MOUSE

[Acetyl]TENS^{Phospho}_{79.97} TSAPAAKPKR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.96
- ▶ F105344.dat
- ▶ query=q7275_p1
- ▶ precursor=527.255630
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
Y [1]	161.062	1579.748	1563.729	0.000	1562.721	Y [14]
E [2]	290.135	1436.689	1420.671	0.000	1419.663	E [13]
TW [3]	401.178	1307.637	1291.623	1282.636	1280.623	TW [12]
S [4]	571.176	1191.604	1177.585	1178.593	1176.577	S [11]
Y [5]	672.224	1058.605	1010.587	1011.595	1009.579	Y [10]
S [6]	759.256	925.558	909.539	910.547	908.531	S [9]
A [7]	830.293	838.526	822.507	823.515	821.499	A [8]
P [8]	927.346	767.489	751.470	752.478	750.462	P [7]
A [9]	998.383	676.436	654.417	655.425	653.409	A [6]
A [10]	1059.430	599.399	583.380	584.388	582.372	A [5]
K [11]	1197.515	528.362	512.343	513.351	511.335	K [4]
P [12]	1294.567	460.267	384.248	385.256	383.240	P [3]
K [13]	1422.662	301.214	287.195	288.203	286.187	K [2]
R [14]	1578.764	175.119	159.100	160.108	158.092	R [1]

sp | P10922 | H10_MOUSE

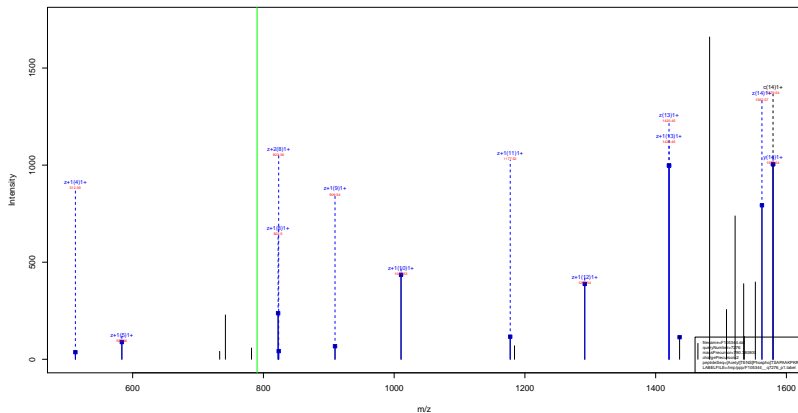
[Acetyl]TENS<sup>Phospho
79.97</sup>TSAPAAKPKR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.96
- ▶ F105344.dat
- ▶ query=q7275_p1
- ▶ precursor=527.255630
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T[3]	81.050	790.377	782.368	0.504	781.864	T[14]
E[2]	145.571	718.848	710.839	0.504	710.335	E[13]
N[3]	202.592	654.327	646.318	646.822	645.814	N[12]
S[4]	286.092	597.306	589.296	589.800	588.792	S[11]
T[5]	336.615	513.806	505.797	506.301	505.293	T[10]
S[6]	380.131	463.283	455.273	455.777	454.769	S[9]
A[7]	415.650	419.767	411.757	412.261	411.253	A[8]
P[8]	464.176	384.248	376.239	376.743	375.735	P[7]
A[9]	499.695	335.722	327.712	328.216	327.208	A[6]
A[10]	535.214	300.203	292.194	292.698	291.690	A[5]
K[11]	599.291	254.684	250.675	251.179	250.171	K[4]
P[12]	647.787	200.637	192.628	193.132	192.124	P[3]
K[13]	711.835	152.111	144.101	144.605	143.597	K[2]
R[14]	789.885	88.063	80.054	80.558	79.550	R[1]

sp | P10922 | H10_MOUSE

[Acetyl]TENS^{Phospho}_{79.97} TSAPAAKPKR



sp | P10922 | H10_MOUSE

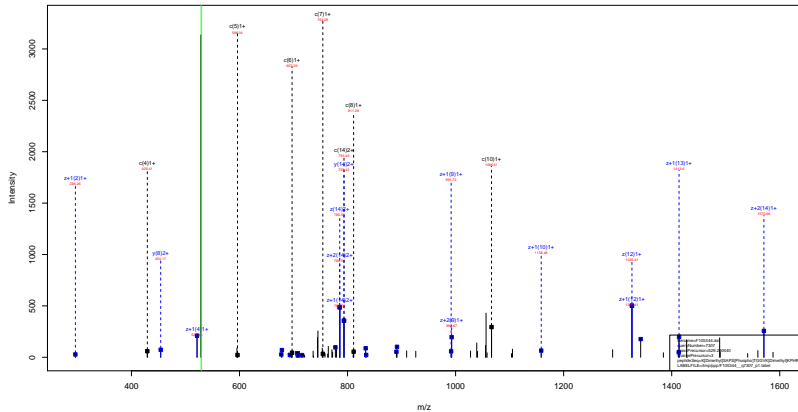
[Acetyl]TENS<sup>Phospho
79.97</sup>TSAPAAKPKR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.55
- ▶ F105344.dat
- ▶ query=q7276.p1
- ▶ precursor=790.380800
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T[1]	181.092	1579.748	1563.729	0.000	1562.721	T[14]
E[2]	290.135	1436.689	1420.671	0.000	1419.663	E[13]
R[3]	484.178	1387.847	1291.438	1392.636	1290.629	R[12]
S[4]	571.176	1193.509	1177.585	1178.393	1176.577	S[11]
T[5]	672.224	1028.605	1010.587	1011.595	1009.579	T[10]
S[6]	756.256	925.558	909.539	910.947	908.531	S[9]
A[7]	838.293	838.528	822.507	823.515	821.499	A[8]
P[8]	927.346	767.489	751.470	752.478	750.462	P[7]
A[9]	998.383	670.438	654.417	655.425	653.409	A[6]
A[10]	1069.420	599.390	583.380	584.388	582.372	A[5]
K[11]	1197.515	528.362	512.343	513.351	511.335	K[4]
P[12]	1294.567	400.267	384.248	385.256	383.240	P[3]
K[13]	1422.662	303.214	287.195	288.203	286.187	K[2]
R[14]	1578.764	175.119	159.100	160.108	158.092	R[1]

sp | P84244 | H33_MOUSE

K Dimethyl 28.03 SAPS Phospho 79.97 TGGVK Dimethyl 28.03 KPHR



sp | P84244 | H33_MOUSE

K_{28.03} Dimethyl SAPS Phospho_{79.97} TGGVK Dimethyl_{28.03} KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.34
- ▶ F105344.dat
- ▶ query=q7307_p1
- ▶ precursor=529.290540
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K	174.100	1585.957	1560.830	1570.847	1566.811	K
S	261.192	1429.731	1413.712	1414.720	1412.705	S
A	332.229	1342.699	1326.680	1327.688	1325.673	A
P	429.292	1271.662	1266.643	1266.651	1254.633	P
S	586.280	1174.605	1158.581	1159.588	1157.581	S
T	697.328	1007.611	991.592	992.600	990.588	T
G	754.349	926.563	890.544	891.552	889.537	G
G	811.371	849.542	833.523	834.531	832.515	G
V	913.433	792.526	787.502	777.509	775.496	V
K	1066.506	693.452	677.433	678.441	676.425	K
K	1194.661	537.326	521.307	522.315	520.299	K
P	1261.713	409.231	393.212	394.220	392.204	P
H	1428.772	312.179	296.159	297.167	295.151	H
R	1584.873	175.119	159.100	160.108	158.092	R

sp | P84244 | H33_MOUSE

K_{28.03} Dimethyl SAPS Phospho_{79.97} TGGVK Dimethyl_{28.03} KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.34
- ▶ F105344.dat
- ▶ query=q7307_p1
- ▶ precursor=529.290540
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[2]	57.584	791.432	785.423	785.927	784.919	R[14]
S[2]	131.100	715.369	707.360	707.864	706.856	S[13]
A[3]	156.618	571.853	663.844	654.348	663.340	A[12]
P[4]	215.145	636.135	628.325	628.829	627.821	P[11]
S[5]	298.644	587.808	579.799	580.303	579.295	S[10]
T[6]	349.168	504.309	496.300	496.804	495.796	T[9]
G[7]	377.678	453.785	445.776	446.280	445.272	G[8]
G[8]	406.189	425.275	417.265	417.769	416.761	G[7]
V[9]	455.723	396.764	388.754	389.258	388.250	V[6]
K[10]	533.786	347.230	339.220	339.724	338.716	K[5]
R[11]	597.834	299.166	291.157	291.661	290.653	R[4]
P[12]	646.360	205.119	197.110	197.614	196.606	P[3]
H[13]	714.890	156.583	148.583	149.087	148.079	H[2]
R[14]	792.940	88.063	80.054	80.558	79.550	R[1]

sp | P84244 | H33_MOUSE

K^{Dimethyl}_{28.03} SAPS^{Phospho}_{79.97} TGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.68
- ▶ F105344.dat
- ▶ query=q7308_p1
- ▶ precursor=397.219830
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	174.100	1585.857	1569.830	1570.847	1568.831	K[14]
S[2]	261.192	1428.731	1413.712	1414.720	1412.705	S[13]
A[3]	332.229	1342.699	1328.689	1327.688	1325.673	A[12]
P[4]	429.282	1271.662	1255.641	1256.651	1254.635	P[11]
S[5]	596.280	1174.609	1158.591	1159.598	1157.583	S[10]
T[6]	697.328	1097.611	991.592	992.600	990.584	T[9]
G[7]	754.349	906.563	890.544	891.552	889.537	G[8]
G[8]	811.371	849.542	833.523	834.531	832.515	G[7]
V[9]	913.438	782.526	776.502	777.509	775.494	V[6]
K[10]	1066.568	693.485	677.433	678.441	676.425	K[5]
K[11]	1194.681	537.326	521.307	522.315	520.299	K[4]
P[12]	1291.733	409.231	393.212	394.220	392.204	P[3]
H[13]	1428.772	312.178	296.159	297.167	295.151	H[2]
R[14]	1584.873	175.119	159.100	160.108	158.092	R[1]

sp | P84244 | H33_MOUSE

K_{28.03} Dimethyl SAPS_{79.97} Phospho TGGVK_{28.03} Dimethyl K_{28.03} PKHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.68
- ▶ F105344.dat
- ▶ query=q7308_p1
- ▶ precursor=397.219830
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	[2]	87.584	791.432	785.423	785.927	784.919	K[14]
S	[2]	131.100	715.369	707.362	707.864	706.856	S[13]
A	[3]	156.618	671.853	663.844	664.348	663.340	A[12]
P	[4]	215.145	636.335	628.325	628.829	627.821	P[11]
S	[5]	298.644	587.808	579.799	580.303	579.295	S[10]
T	[6]	349.168	504.309	496.300	496.804	495.796	T[9]
G	[7]	377.678	453.785	445.776	446.280	445.272	G[8]
G	[8]	406.189	425.275	417.265	417.769	416.761	G[7]
V	[9]	455.723	396.764	388.754	389.258	388.250	V[6]
K	[10]	533.786	347.230	339.220	339.724	338.716	K[5]
K	[11]	597.834	299.166	261.157	261.661	260.653	K[4]
P	[12]	646.360	205.119	197.110	197.614	196.606	P[3]
H	[13]	714.890	156.583	148.583	149.087	148.079	H[2]
R	[14]	792.940	88.063	80.054	80.558	79.550	R[1]

sp | P84244 | H33_MOUSE

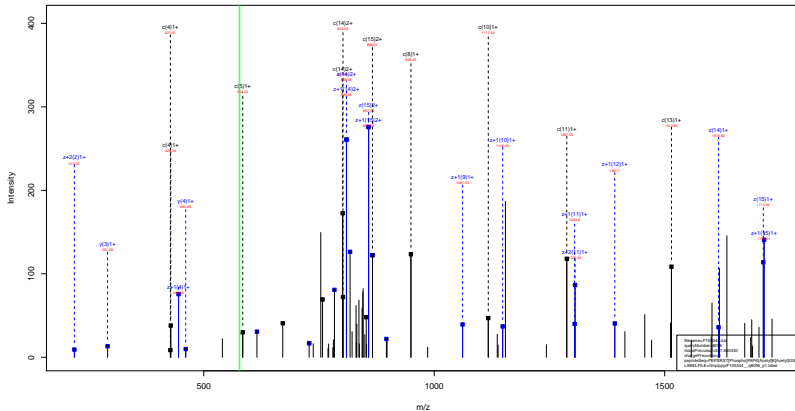
K^{Dimethyl}_{28.03} SAPS^{Phospho}_{79.97} TGGVK^{Dimethyl}_{28.03} K^{PHR}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=39.68
- ▶ F105344.dat
- ▶ query=q7308_p1
- ▶ precursor=397.219830
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[3]	58.725	529.291	523.951	524.207	523.615	R[14]
S[2]	87.736	477.249	473.967	472.245	471.573	S[13]
A[3]	111.415	448.235	442.898	443.234	442.962	A[12]
P[4]	143.766	424.559	419.219	419.555	418.883	P[11]
S[5]	199.432	392.208	388.899	387.204	386.532	S[10]
T[6]	233.114	336.542	331.202	331.538	330.866	T[9]
G[7]	252.121	302.859	297.520	297.856	297.184	G[8]
G[8]	271.129	283.852	278.513	278.848	278.177	G[7]
V[9]	304.151	264.845	259.505	259.841	259.169	V[6]
K[10]	386.193	231.822	228.483	228.819	228.147	K[5]
K[11]	398.692	179.780	174.440	174.776	174.105	K[4]
P[12]	431.243	137.082	133.742	132.078	131.406	P[3]
H[13]	476.929	104.731	99.391	99.727	99.055	H[2]
R[14]	528.963	59.045	53.705	54.041	53.369	R[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRST Phospho PAK Acetyl K Acetyl GSK
79.97 42.01 42.01



sp | Q9D2U9 | H2B3A_MOUSE

PEPSRST ^{Phospho} PAPK ^{Acetyl} K ^{Acetyl} GSK
 79.97 42.01 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.44
- ▶ F105344.dat
- ▶ query=q8096_p1
- ▶ precursor=577.620330
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1730.847	1714.829	0.000	1711.821	P[15]
E[2]	244.129	1633.795	1617.770	0.000	1616.768	E[14]
P[3]	341.182	1504.752	1488.733	0.000	1487.725	P[13]
S[4]	428.214	1407.699	1391.680	0.000	1390.673	S[12]
R[5]	584.315	1320.667	1304.648	1305.656	1303.641	R[11]
S[6]	671.347	1104.586	1148.547	1140.555	1147.530	S[10]
T[7]	852.361	977.534	1061.515	1062.523	1060.501	T[9]
P[8]	949.414	896.520	880.505	881.509	879.403	P[8]
A[9]	1020.451	799.467	783.449	784.456	782.441	A[7]
P[10]	1117.504	728.430	712.411	713.419	711.404	P[6]
R[11]	1287.609	631.377	615.359	616.366	614.351	R[5]
K[12]	1457.715	461.272	445.253	446.261	444.245	K[4]
G[13]	1514.736	291.166	275.147	276.155	274.140	G[3]
S[14]	1601.768	234.145	218.126	219.134	217.118	S[2]
R[15]	1729.863	147.113	131.094	132.102	130.086	R[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRST^{Phospho} PAPK^{Acetyl} K^{Acetyl} GSK
 79.97 42.01 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.44
- ▶ F105344.dat
- ▶ query=q8096_p1
- ▶ precursor=577.620330
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	865.927	857.918	0.504	857.414	P[15]
E[2]	122.568	817.401	809.392	0.504	808.888	E[14]
P[3]	171.095	752.880	744.870	0.504	744.366	P[13]
S[4]	214.611	704.353	696.344	0.504	695.840	S[12]
R[5]	262.661	660.837	652.828	0.504	652.324	R[11]
S[6]	308.177	582.781	574.772	575.263	574.759	S[10]
T[7]	426.684	439.271	431.261	431.755	430.757	T[9]
P[8]	475.211	448.754	440.744	441.238	440.250	P[8]
A[9]	510.729	400.237	392.228	392.732	391.724	A[7]
P[10]	559.256	364.719	356.709	357.213	356.205	P[6]
K[11]	644.308	316.192	308.183	308.687	307.679	K[5]
K[12]	729.361	231.140	223.130	223.634	222.626	K[4]
G[13]	757.872	140.087	132.077	132.581	131.574	G[3]
S[14]	801.388	117.576	109.567	110.071	109.063	S[2]
K[15]	865.435	74.060	66.051	66.555	65.547	K[1]

sp | P68433 | H31_MOUSE

LVREIAQDFK ^{Dimethyl}TDLR
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.37
- ▶ F105344.dat
- ▶ query=q8101.p1
- ▶ precursor=577.994750
- ▶ chargePrecursor=3
- ▶ itol=0.8

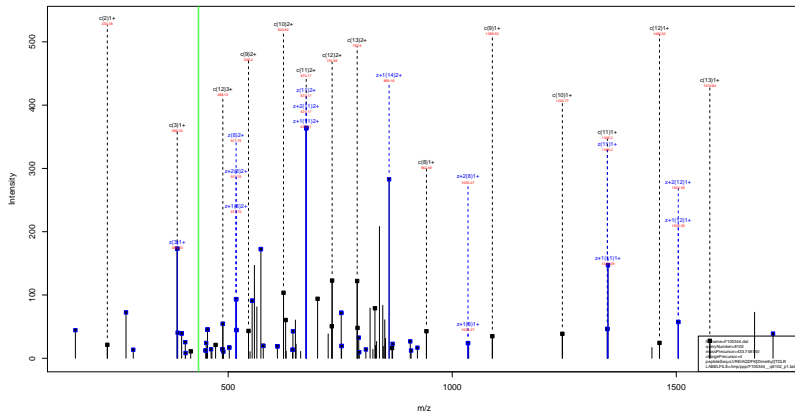
AA	c	y	z+1	z+2	z	AA
L[1]	131.118	1731.975	1715.950	0.000	1714.940	L[14]
V[2]	230.188	1815.901	1602.872	0.000	1601.865	V[13]
R[3]	388.287	1319.823	1303.803	1504.812	1502.795	R[12]
E[4]	515.130	1303.722	1347.703		1346.695	E[11]
I[5]	628.414	1234.679	1218.660	1219.668	1217.652	I[10]
A[6]	699.451	1121.595	1105.576	1106.584	1104.568	A[9]
Q[7]	827.510	1050.538	1034.530	1035.547	1033.531	Q[8]
D[8]	942.537	922.499	906.481	907.488	905.473	D[7]
T[9]	1083.605	837.472	791.454	792.461	790.446	T[6]
K[10]	1245.711	650.404	644.385	645.393	643.377	K[5]
V[11]	1346.779	504.278	488.259	489.267	487.251	V[4]
D[12]	1461.806	403.230	387.211	388.219	386.203	D[3]
L[13]	1574.890	388.203	272.184	273.192	271.176	L[2]
R[14]	1730.901	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

LVREIAQDFK ^{Dimethyl} 28.03 TDLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.37
- ▶ F105344.dat
- ▶ query=q8101.p1
- ▶ precursor=577.994750
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	66.083	866.491	858.482	0.504	857.978	L[14]
V[2]	115.597	809.940	801.940	0.504	801.436	V[13]
R[3]	193.647	760.415	752.406	752.910	751.902	R[12]
E[4]	298.169	682.964	674.959	674.859	673.851	E[11]
I[5]	314.711	617.843	609.834	610.338	609.330	I[10]
A[6]	390.220	561.301	553.292	553.796	552.788	A[9]
Q[7]	414.259	525.783	517.773	518.277	517.269	Q[8]
D[8]	471.772	461.753	453.744	454.248	453.240	D[7]
F[9]	545.306	404.240	396.230	396.734	395.727	F[6]
K[10]	623.309	330.705	322.696	323.200	322.192	K[5]
T[11]	673.893	252.542	244.533	245.137	244.129	T[4]
D[12]	731.407	202.119	194.109	194.613	193.605	D[3]
L[13]	787.940	144.605	136.596	137.100	136.092	L[2]
R[14]	865.999	88.063	80.054	80.558	79.550	R[1]



sp | P68433 | H31_MOUSE

LVREIAQDFK ^{Dimethyl} 28.03 TDLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=81.58
- ▶ F105344.dat
- ▶ query=q8102.p1
- ▶ precursor=433.748140
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	1731.975	1715.956	0.000	1714.940	L[14]
V[2]	230.186	1818.891	1802.872	0.000	1801.855	V[13]
R[3]	380.287	1219.652	1563.804	1564.812	1562.795	R[12]
E[4]	315.330	1303.722	1347.701	1350.711	1346.695	E[11]
I[5]	628.414	1234.679	1218.660	1219.668	1217.652	I[10]
A[6]	699.451	1121.595	1108.576	1106.584	1104.568	A[9]
Q[7]	827.510	1050.558	1034.539	1035.547	1033.531	Q[8]
D[8]	942.537	922.499	906.481	907.488	905.473	D[7]
T[9]	1089.605	807.472	791.454	792.461	789.445	T[6]
K[10]	1245.731	605.404	644.385	645.393	643.377	K[5]
Y[11]	1346.779	504.278	488.259	489.267	487.251	Y[4]
D[12]	1461.806	403.230	387.211	388.219	386.203	D[3]
L[13]	1574.890	288.203	272.184	273.192	273.176	L[2]
R[14]	1730.901	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

LVREIAQDFK ^{Dimethyl} 28.03 TDLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=81.58
- ▶ F105344.dat
- ▶ query=q8102_p1
- ▶ precursor=433.748140
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
L	[1]	66.083	856.491	856.482	0.504	857.978	L[14]
V	[2]	115.597	809.549	809.540	0.504	801.436	V[13]
R	[3]	193.647	760.435	752.406	752.910	751.902	R[12]
E	[4]	258.169	682.964	674.355	674.859	673.851	E[11]
I	[5]	314.711	617.843	609.834	610.338	609.330	I[10]
A	[6]	350.229	561.301	553.292	553.796	552.788	A[9]
Q	[7]	414.259	525.783	517.773	518.277	517.269	Q[8]
D	[8]	471.772	461.753	453.744	454.248	453.240	D[7]
F	[9]	545.306	404.240	396.230	396.734	395.727	F[6]
K	[10]	623.369	330.705	322.695	323.200	322.192	K[5]
T	[11]	673.893	252.542	244.533	245.137	244.129	T[4]
D	[12]	731.407	202.119	194.109	194.613	193.605	D[3]
L	[13]	787.949	144.695	136.586	137.100	136.062	L[2]
R	[14]	855.999	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

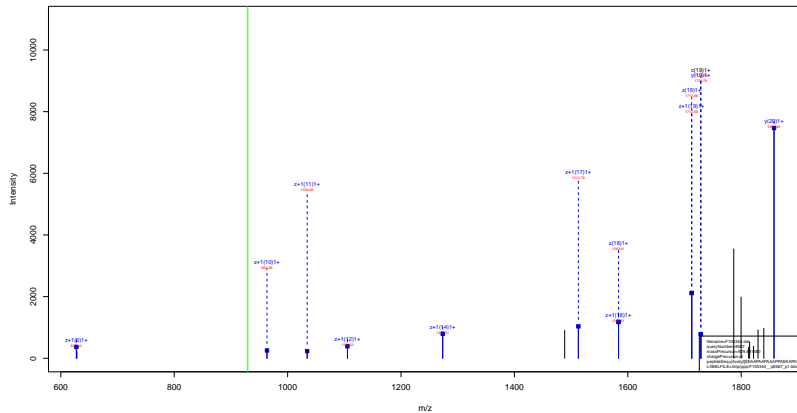
LVREIAQDFK ^{Dimethyl} 28.03 TDLR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=81.58
- ▶ F105344.dat
- ▶ query=q8102_p1
- ▶ precursor=433.748140
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	577.997	572.657	0.672	572.321	L[14]
V[2]	77.400	540.302	535.962	0.672	534.626	V[13]
R[3]	129.434	507.279	501.940	502.275	501.604	R[12]
E[4]	172.448	495.249	449.906	450.242	449.570	E[11]
I[5]	210.143	412.231	406.892	407.228	406.556	I[10]
A[6]	233.622	374.537	369.197	369.533	368.861	A[9]
Q[7]	276.508	350.857	345.518	345.854	345.182	Q[8]
D[8]	314.650	308.171	302.832	303.168	302.496	D[7]
F[9]	363.673	269.829	264.489	264.825	264.153	F[6]
K[10]	415.915	220.906	215.467	215.803	215.131	K[5]
T[11]	449.598	198.796	193.424	193.760	193.089	T[4]
D[12]	487.940	135.082	129.742	130.078	129.406	D[3]
L[13]	525.635	96.739	91.400	91.736	91.064	L[2]
R[14]	577.669	59.045	53.705	54.041	53.369	R[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAK



sp | P15864 | H12_MOUSE

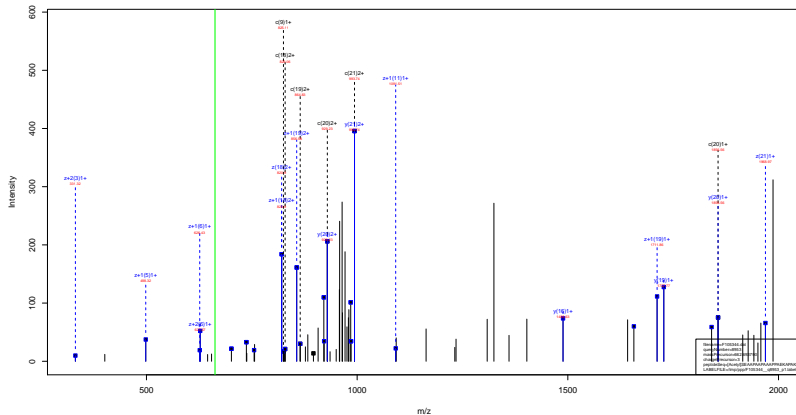
[Acetyl]SEAAPAAPAAAPPAEKAPAK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.78
- ▶ F105344.dat
- ▶ query=q8567.p1
- ▶ precursor=929.491380
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1057.971	1041.952	0.000	1040.940	S[20]
E[2]	276.119	1728.928	1712.909	0.000	1711.901	E[18]
A[3]	347.156	1599.885	1583.867	0.000	1582.859	A[18]
A[4]	418.193	1528.840	1512.829	0.000	1511.822	A[17]
F[5]	515.240	1457.811	1441.792	0.000	1440.785	F[16]
A[6]	588.283	1386.795	1374.740	0.000	1373.732	A[15]
A[7]	657.320	1289.721	1273.702	0.000	1272.695	A[14]
F[8]	754.373	1218.684	1202.665	0.000	1201.658	F[13]
A[9]	825.410	1123.631	1105.613	0.000	1104.605	A[12]
A[10]	896.447	1050.594	1034.575	0.000	1033.568	A[11]
A[11]	967.484	979.557	963.538	0.000	962.531	A[10]
F[12]	1004.537	908.520	892.501	0.000	891.493	F[10]
F[13]	1101.590	813.467	795.449	0.000	794.441	F[9]
A[14]	1232.627	714.414	698.396	0.000	697.388	A[7]
E[15]	1361.670	643.377	627.359	0.000	626.351	E[6]
K[16]	1469.705	514.335	498.316	499.324	497.309	K[5]
A[17]	1560.802	389.280	370.271	371.229	369.213	A[4]
F[18]	1657.854	315.203	299.184	300.192	298.176	F[3]
A[19]	1728.892	218.150	202.131	203.139	201.123	A[2]
R[20]	1826.938	147.113	131.094	132.102	130.085	R[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK



sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.42
- ▶ F105344.dat
- ▶ query=q8953.p1
- ▶ precursor=662.693790
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1906.065	1970.047	0.000	1969.039	S[2]
E[2]	276.119	1857.023	1841.004	0.000	1839.990	E[20]
A[3]	347.150	1727.969	1711.962	0.000	1710.954	A[19]
A[4]	418.193	1656.943	1640.924	0.000	1639.917	A[18]
P[5]	515.246	1585.900	1569.887	0.000	1568.880	P[17]
A[6]	586.283	1488.853	1472.835	0.000	1471.827	A[16]
A[7]	657.320	1417.818	1401.797	0.000	1400.790	A[15]
P[8]	754.373	1346.779	1330.760	0.000	1329.753	P[14]
A[9]	825.410	1249.726	1233.708	0.000	1232.700	A[13]
A[10]	896.447	1178.689	1162.670	0.000	1161.662	A[12]
A[11]	967.494	1107.652	1091.633	0.000	1090.625	A[11]
P[12]	1064.537	1036.615	1020.596	0.000	1019.588	P[10]
P[13]	1161.590	939.567	923.543	0.000	922.536	P[9]
A[14]	1232.637	843.509	828.491	0.000	825.483	A[8]
E[15]	1361.670	771.472	755.454	0.000	754.446	E[7]
R[16]	1489.705	642.433	626.411	637.419	625.403	R[6]
A[17]	1580.802	514.332	498.316	496.314	497.305	A[5]
P[18]	1657.854	443.290	427.279	426.267	426.271	P[4]
A[19]	1728.892	346.245	330.226	331.234	329.214	A[3]
R[20]	1856.986	275.208	259.189	260.197	258.181	R[2]
K[21]	1985.081	147.113	131.094	132.102	130.086	K[1]

sp | P15864 | H12_MOUSE

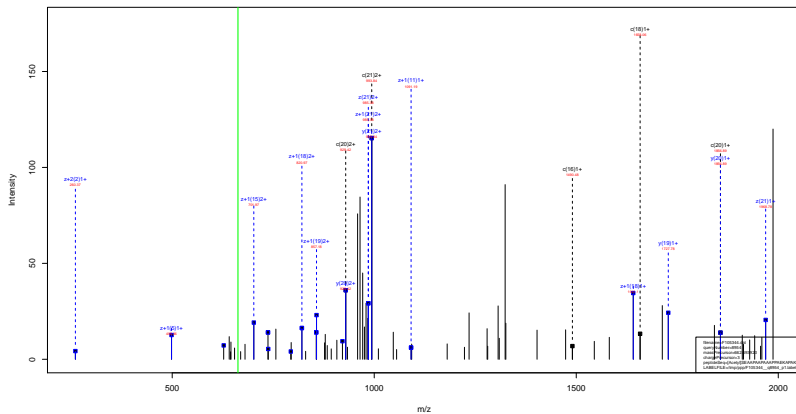
[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.42
- ▶ F105344.dat
- ▶ query=q8953_p1
- ▶ precursor=662.693790
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	993.536	985.527	0.504	985.023	S[21]
E[2]	138.563	929.015	921.006	0.504	920.502	E[20]
A[3]	174.082	864.494	856.484	0.504	855.981	A[19]
A[4]	209.600	828.975	820.966	0.504	820.462	A[18]
P[5]	258.127	793.457	785.447	0.504	784.943	P[17]
A[6]	293.645	744.930	736.921	0.504	736.417	A[16]
A[7]	329.164	709.412	701.402	0.504	700.898	A[15]
P[8]	377.690	673.893	665.884	0.504	665.380	P[14]
A[9]	413.209	625.367	617.357	0.504	616.854	A[13]
A[10]	448.727	589.848	581.839	0.504	581.335	A[12]
A[11]	484.246	554.330	546.320	0.504	545.816	A[11]
P[12]	532.772	518.811	510.802	0.504	510.298	P[10]
P[13]	581.299	470.285	462.275	0.504	461.771	P[9]
A[14]	616.817	421.758	413.749	0.504	413.245	A[8]
E[15]	681.338	386.240	378.230	0.504	377.727	E[7]
K[16]	745.386	321.718	313.709	314.213	313.205	K[6]
A[17]	780.904	257.671	249.662	250.166	249.158	A[5]
P[18]	829.431	222.152	214.143	214.647	213.639	P[4]
A[19]	864.949	173.626	165.617	166.121	165.113	A[3]
K[20]	928.997	138.108	130.098	130.602	129.594	K[2]
K[21]	993.044	74.060	66.051	66.555	65.547	K[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK



sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.02
- ▶ F105344.dat
- ▶ query=q8954.p1
- ▶ precursor=662.693920
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1906.065	1970.047	0.000	1960.039	S[2]
E[2]	276.119	1857.023	1841.004	0.000	1839.990	E[20]
A[3]	347.150	1727.960	1711.907	0.000	1710.954	A[19]
A[4]	418.193	1656.947	1640.834	0.000	1639.911	A[18]
F[5]	515.246	1585.900	1569.857	0.000	1568.880	F[17]
A[6]	586.283	1488.853	1472.835	0.000	1471.827	A[16]
A[7]	657.320	1417.810	1401.797	0.000	1400.790	A[15]
P[8]	754.373	1346.770	1330.700	0.000	1329.751	P[14]
A[9]	825.410	1249.726	1233.708	0.000	1232.700	A[13]
A[10]	896.447	1178.689	1162.670	0.000	1161.661	A[12]
A[11]	967.484	1107.652	1091.633	0.000	1090.626	A[11]
P[12]	1064.537	1036.615	1020.596	0.000	1019.588	P[10]
P[13]	1161.590	939.567	923.543	0.000	922.536	P[9]
A[14]	1232.627	843.500	828.491	0.000	828.483	A[8]
E[15]	1303.670	771.472	755.454	0.000	754.446	E[7]
T[16]	1489.765	642.430	626.413	627.419	625.401	K[6]
A[17]	1560.802	514.332	498.316	496.314	497.305	A[5]
P[18]	1657.854	443.290	427.279	428.287	426.271	P[4]
A[19]	1728.892	346.245	330.226	331.234	329.216	A[3]
K[20]	1856.986	275.208	259.189	260.197	258.181	K[2]
K[21]	1985.081	147.113	131.094	132.102	130.086	K[1]

sp | P15864 | H12_MOUSE

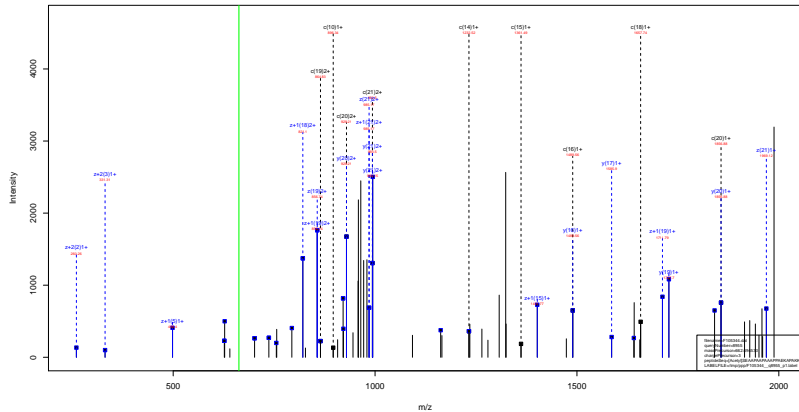
[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.02
- ▶ F105344.dat
- ▶ query=q8954_p1
- ▶ precursor=662.693920
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	993.536	985.527	0.504	985.023	S[21]
E[2]	138.563	929.015	921.006	0.504	920.502	E[20]
A[3]	174.082	964.494	856.484	0.504	855.981	A[19]
A[4]	209.600	928.975	820.966	0.504	820.462	A[18]
P[5]	258.127	793.457	785.447	0.504	784.943	P[17]
A[6]	293.645	744.930	736.921	0.504	736.417	A[16]
A[7]	329.164	709.412	701.402	0.504	700.898	A[15]
P[8]	377.690	673.893	665.884	0.504	665.380	P[14]
A[9]	413.209	625.367	617.357	0.504	616.854	A[13]
A[10]	448.727	589.848	581.839	0.504	581.335	A[12]
A[11]	484.246	554.330	546.320	0.504	545.816	A[11]
P[12]	520.764	518.811	510.802	0.504	510.298	P[10]
P[13]	556.283	470.285	462.275	0.504	461.771	P[9]
A[14]	616.817	421.758	413.749	0.504	413.245	A[8]
E[15]	681.338	386.240	378.230	0.504	377.727	E[7]
K[16]	745.866	321.718	313.709	314.213	313.205	K[6]
A[17]	780.904	257.671	249.662	250.166	249.158	A[5]
P[18]	829.431	222.152	214.143	214.647	213.639	P[4]
A[19]	864.949	173.626	165.617	166.121	165.113	A[3]
K[20]	928.997	138.108	130.098	130.602	129.594	K[2]
K[21]	993.044	74.060	66.051	66.555	65.547	K[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK



sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.81
- ▶ F105344.dat
- ▶ query=q8955_p1
- ▶ precursor=662.694530
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	1906.065	1970.047	0.000	1960.030	S[2]
E[2]	276.119	1857.023	1841.004	0.000	1839.990	E[20]
A[3]	347.150	1727.960	1711.962	0.000	1710.954	A[19]
A[4]	418.193	1599.947	1640.924	0.000	1639.917	A[18]
P[5]	515.246	1585.906	1569.897	0.000	1568.889	P[17]
A[6]	586.283	1488.853	1472.835	0.000	1471.827	A[16]
A[7]	657.320	1417.816	1401.797	0.000	1400.790	A[15]
P[8]	754.373	1346.770	1330.760	0.000	1329.753	P[14]
A[9]	825.410	1249.726	1233.708	0.000	1232.700	A[13]
A[10]	896.447	1178.689	1162.670	0.000	1161.662	A[12]
A[11]	967.494	1107.652	1091.633	0.000	1090.625	A[11]
P[12]	1064.537	1036.615	1020.596	0.000	1019.588	P[10]
P[13]	1161.590	939.567	923.543	0.000	922.536	P[9]
A[14]	1232.627	843.500	828.481	0.000	827.473	A[8]
E[15]	1361.670	771.472	755.454	0.000	754.446	E[7]
R[16]	1489.765	642.436	626.411	637.419	625.403	R[6]
A[17]	1580.802	514.332	498.316	496.314	497.305	A[5]
P[18]	1657.854	443.290	427.279	426.267	426.271	P[4]
A[19]	1728.892	346.245	330.226	331.234	329.214	A[3]
R[20]	1856.986	275.208	259.189	260.197	258.181	R[2]
R[21]	1985.081	147.113	131.094	132.102	130.086	R[1]

sp | P15864 | H12_MOUSE

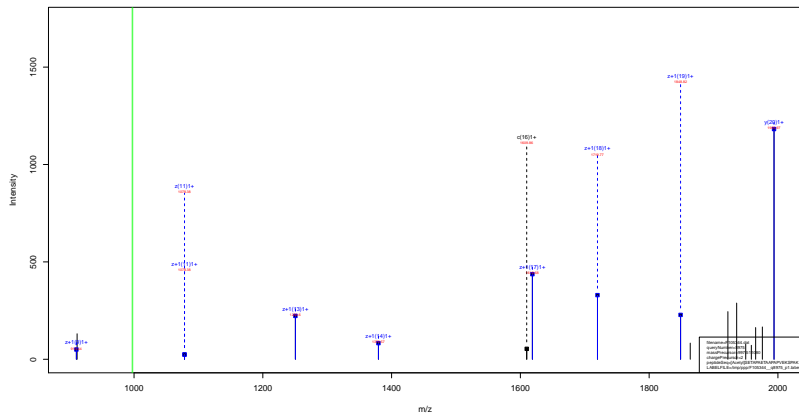
[Acetyl]SEAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.81
- ▶ F105344.dat
- ▶ query=q8955_p1
- ▶ precursor=662.694530
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	993.536	985.527	0.504	985.023	S[21]
E[2]	138.563	929.015	921.006	0.504	920.502	E[20]
A[3]	174.082	864.494	856.484	0.504	855.981	A[19]
A[4]	209.600	828.975	820.966	0.504	820.462	A[18]
P[5]	258.127	793.457	785.447	0.504	784.943	P[17]
A[6]	293.645	744.930	736.921	0.504	736.417	A[16]
A[7]	329.164	709.412	701.402	0.504	700.898	A[15]
P[8]	377.690	673.893	665.884	0.504	665.380	P[14]
A[9]	413.209	625.367	617.357	0.504	616.854	A[13]
A[10]	448.727	589.848	581.839	0.504	581.335	A[12]
A[11]	484.246	554.330	546.320	0.504	545.816	A[11]
P[12]	522.772	518.811	510.802	0.504	510.298	P[10]
P[13]	561.299	470.285	462.275	0.504	461.771	P[9]
A[14]	616.817	421.758	413.749	0.504	413.245	A[8]
E[15]	661.338	386.240	378.230	0.504	377.727	E[7]
K[16]	745.386	321.718	313.709	314.213	313.205	K[6]
A[17]	780.904	257.671	249.662	250.166	249.158	A[5]
P[18]	829.431	222.152	214.143	214.647	213.639	P[4]
A[19]	864.949	173.626	165.617	166.121	165.113	A[3]
K[20]	928.997	138.108	130.098	130.602	129.594	K[2]
K[21]	993.044	74.060	66.051	66.555	65.547	K[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAK



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.84
- ▶ F105344.dat
- ▶ query=q8975_p1
- ▶ precursor=997.511080
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.676	1994.008	1977.989	0.000	1976.981	S[20]
E[2]	276.119	1894.969	1848.946	0.000	1847.939	E[18]
T[3]	377.167	1735.922	1719.904	0.000	1718.896	T[18]
A[4]	448.204	1634.875	1618.856	0.000	1617.848	A[17]
P[5]	545.257	1563.838	1547.819	0.000	1546.811	P[16]
A[6]	618.294	1466.792	1459.766	0.000	1449.758	A[15]
E[7]	745.136	1395.747	1379.729	0.000	1375.721	E[14]
T[8]	846.394	1266.709	1250.687	0.000	1249.679	T[13]
A[9]	917.421	1165.658	1149.639	0.000	1148.631	A[12]
A[10]	968.458	1094.620	1078.602	0.000	1077.594	A[11]
P[11]	1085.511	1023.583	1007.565	0.000	1006.557	P[10]
A[12]	1156.548	928.531	918.512	0.000	909.504	A[9]
P[13]	1253.601	859.491	852.479	0.000	838.461	P[9]
V[14]	1352.669	758.441	742.422	0.000	741.414	V[7]
E[15]	1481.712	659.372	643.354	0.000	642.346	E[6]
K[16]	1609.807	530.330	514.311	515.319	513.303	K[5]
S[17]	1696.839	402.235	386.216	387.224	385.208	S[4]
P[18]	1793.892	315.203	299.184	300.192	298.176	P[3]
A[19]	1864.929	218.159	202.131	203.139	201.123	A[2]
R[20]	1993.024	147.113	131.094	132.102	130.086	R[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKT^{Phospho} PVK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.23
- ▶ F105344.dat
- ▶ query=q9063_p1
- ▶ precursor=676.001760
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2025.987	2008.971	0.000	2008.981	S[20]
E[2]	276.119	1896.947	1880.928	0.000	1879.920	E[18]
T[3]	377.167	1767.904	1751.885	0.000	1750.878	T[18]
A[4]	448.204	1656.850	1650.838	0.000	1649.830	A[17]
P[5]	545.257	1595.819	1579.801	0.000	1578.793	P[16]
A[6]	618.294	1498.767	1482.748	0.000	1481.740	A[15]
A[7]	687.331	1427.720	1411.711	0.000	1410.703	A[14]
P[8]	784.384	1356.682	1340.674	0.000	1339.666	P[13]
A[9]	855.421	1259.640	1243.621	0.000	1242.613	A[12]
A[10]	926.458	1188.602	1172.584	0.000	1171.576	A[11]
P[11]	1023.511	1117.565	1101.547	0.000	1100.539	P[10]
A[12]	1094.548	1026.513	1008.494	0.000	1007.486	A[9]
P[13]	1191.600	949.471	931.457	0.000	930.449	P[9]
A[14]	1262.638	852.423	836.404	0.000	835.396	A[7]
E[15]	1391.680	781.389	765.367	0.000	764.359	E[6]
K[16]	1519.775	652.343	636.324	657.312	635.316	K[5]
T[17]	1700.789	524.288	508.279	509.271	507.271	T[4]
P[18]	1797.842	343.236	327.215	328.223	326.207	P[3]
V[19]	1899.910	246.181	230.162	231.170	229.155	V[2]
K[20]	2025.905	147.113	131.094	132.102	130.088	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKT^{Phospho} PVK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.23
- ▶ F105344.dat
- ▶ query=q9063_p1
- ▶ precursor=676.001760
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.082	1013.498	1005.489	0.504	1004.985	S[20]
E[2]	138.563	948.977	940.968	0.504	940.464	E[18]
T[3]	189.087	884.456	876.446	0.504	875.942	T[18]
A[4]	224.606	833.932	825.922	0.504	825.419	A[17]
P[5]	273.132	798.413	790.404	0.504	789.900	P[16]
A[6]	308.650	749.887	741.878	0.504	741.374	A[15]
A[7]	344.169	714.360	706.350	0.504	705.855	A[14]
P[8]	392.695	678.850	670.840	0.504	670.337	P[13]
A[9]	428.214	633.323	625.314	0.504	624.810	A[12]
A[10]	463.733	594.805	586.795	0.504	586.292	A[11]
P[11]	512.250	559.280	551.277	0.504	550.773	P[10]
A[12]	547.777	518.760	510.751	0.504	510.247	A[9]
P[13]	596.304	479.241	469.232	0.504	468.728	P[9]
A[14]	631.822	428.713	418.706	0.504	418.202	A[7]
E[15]	696.344	391.190	381.187	0.504	380.683	E[6]
K[16]	760.391	328.675	318.666	319.170	318.162	K[5]
T[17]	850.908	262.628	254.618	295.122	254.114	T[4]
P[18]	899.425	172.121	164.111	164.615	163.607	P[3]
V[19]	948.959	123.594	115.585	116.089	115.081	V[2]
K[20]	1013.006	74.082	66.071	66.575	65.547	K[1]

sp | P15864 | H12_MOUSE

[Acetyl]S^{Phospho}_{79.97} EAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.24
- ▶ F105344.dat
- ▶ query=q9182.p1
- ▶ precursor=689.351000
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	227.043	2066.032	2050.013	0.000	2049.005	S[2]
E[2]	356.085	1857.023	1841.004	0.000	1839.996	E[3]
A[3]	477.222	1722.980	1711.962	0.000	1710.955	A[10]
A[4]	498.160	1656.943	1640.924	0.000	1639.917	A[18]
P[5]	595.212	1585.906	1569.887	0.000	1568.880	P[17]
A[6]	666.249	1488.853	1472.835	0.000	1471.827	A[16]
A[7]	737.287	1417.816	1401.797	0.000	1400.790	A[15]
P[8]	834.339	1346.779	1330.760	0.000	1329.753	P[14]
A[9]	925.476	1249.736	1233.708	0.000	1232.700	A[13]
A[10]	976.414	1178.699	1162.670	0.000	1161.662	A[12]
A[11]	1047.451	1107.652	1091.633	0.000	1090.625	A[11]
P[12]	1144.503	1036.615	1020.596	0.000	1019.588	P[10]
P[13]	1241.556	939.563	923.543	0.000	922.536	P[9]
A[14]	1312.593	842.509	826.491	0.000	825.483	A[8]
E[15]	1441.636	771.472	755.454	0.000	754.446	E[7]
K[16]	1509.731	642.430	626.411	627.419	625.402	K[6]
A[17]	1640.768	514.335	498.316	499.324	497.305	A[5]
P[18]	1737.821	443.298	427.279	428.287	426.271	P[4]
A[19]	1808.858	346.245	330.226	331.234	329.218	A[3]
K[20]	1916.953	275.208	259.189	260.197	258.181	K[2]
K[21]	2085.048	147.113	131.094	132.102	130.086	K[1]

sp | P15864 | H12_MOUSE

[Acetyl]S^{Phospho}_{79.97} EAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.24
- ▶ F105344.dat
- ▶ query=q9182.p1
- ▶ precursor=689.351000
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	114.625	1033.520	1025.510	0.504	1025.006	S[2]
E[2]	176.546	929.015	921.006	0.504	920.502	E[3]
A[3]	214.005	864.493	856.484	0.504	855.979	A[10]
A[4]	249.583	829.971	820.966	0.505	820.462	A[18]
P[5]	298.110	793.457	785.447	0.504	784.943	P[17]
A[6]	333.628	744.939	736.921	0.504	736.417	A[16]
A[7]	369.147	709.412	701.402	0.504	700.898	A[15]
P[8]	417.673	673.893	665.884	0.504	665.380	P[14]
A[9]	453.192	625.367	617.357	0.504	616.854	A[13]
A[10]	488.710	589.840	581.830	0.504	581.326	A[12]
A[11]	524.229	554.313	546.303	0.504	545.800	A[11]
P[12]	572.795	518.811	510.802	0.504	510.298	P[10]
P[13]	621.282	479.285	462.275	0.504	461.771	P[9]
A[14]	656.800	421.758	413.749	0.504	413.245	A[8]
E[15]	721.522	386.240	378.230	0.504	377.727	E[7]
K[16]	783.999	324.712	313.709	3.4.213	313.205	K[6]
A[17]	870.888	257.671	249.662	350.166	249.158	A[5]
P[18]	869.414	222.152	214.143	214.647	213.639	P[4]
A[19]	904.933	173.629	165.617	166.121	165.113	A[3]
K[20]	968.980	138.100	130.090	130.602	129.594	K[2]
K[21]	1033.028	74.000	66.051	66.555	65.547	K[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS^{Phospho} PAK_{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.59
- ▶ F105344.dat
- ▶ query=q9203.p1
- ▶ precursor=691.996570
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2073.974	2057.855	0.000	2055.947	S[20]
E[2]	276.119	1944.931	1928.913	0.000	1927.905	E[19]
T[3]	377.167	1815.889	1799.870	0.000	1798.862	T[18]
A[4]	463.204	1714.843	1698.822	0.000	1697.815	A[17]
P[5]	545.257	1643.804	1627.785	0.000	1626.777	P[16]
A[6]	616.294	1546.751	1530.733	0.000	1529.725	A[15]
E[7]	745.336	1475.714	1459.695	0.000	1458.686	E[14]
T[8]	846.384	1346.672	1330.653	0.000	1329.645	T[13]
A[9]	917.421	1245.624	1229.605	0.000	1228.597	A[12]
A[10]	988.458	1174.587	1158.568	0.000	1157.560	A[11]
P[11]	1085.511	1103.550	1087.531	0.000	1086.523	P[10]
A[12]	1157.540	1009.497	990.478	0.000	989.470	A[9]
P[13]	1251.601	935.460	913.441	0.000	913.433	P[8]
V[14]	1352.669	858.407	822.388	0.000	821.380	V[7]
E[15]	1481.712	739.339	723.320	0.000	722.312	E[6]
K[16]	1609.807	610.290	594.277	595.285	593.269	K[5]
S[17]	1776.805	482.201	466.182	467.190	465.174	S[4]
P[18]	1873.858	315.203	299.184	300.192	298.176	P[3]
A[19]	1944.899	219.150	202.133	203.139	201.127	A[2]
K[20]	2072.990	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

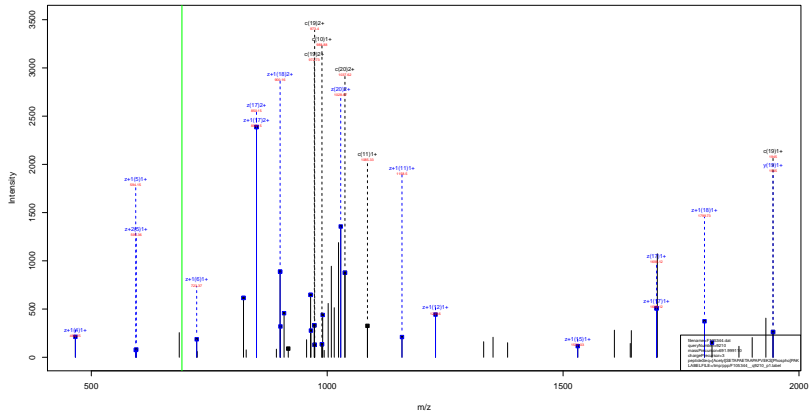
[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.59
- ▶ F105344.dat
- ▶ query=q9203.p1
- ▶ precursor=691.996570
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.082	1037.491	1029.481	0.504	1028.977	S[20]
E[2]	138.563	972.969	964.960	0.504	964.456	E[10]
T[3]	189.087	908.448	900.439	0.504	899.935	T[18]
A[4]	224.606	857.924	849.915	0.504	849.411	A[17]
P[5]	273.132	822.406	814.396	0.504	813.892	P[16]
A[6]	308.650	773.879	765.870	0.504	765.366	A[15]
E[7]	373.172	738.361	730.351	0.504	729.847	E[14]
T[8]	423.696	673.839	665.830	0.504	665.326	T[13]
A[9]	459.214	623.316	615.306	0.504	614.802	A[12]
A[10]	494.733	587.797	579.788	0.504	579.284	A[11]
P[11]	543.259	552.278	544.269	0.504	543.765	P[10]
A[12]	578.778	503.752	495.743	0.504	495.239	A[9]
P[13]	617.304	488.234	480.224	0.504	479.720	P[9]
V[14]	676.838	418.707	411.698	0.504	411.194	V[7]
E[15]	741.360	370.173	362.164	0.504	361.660	E[0]
K[16]	805.407	305.652	297.642	288.146	297.138	K[5]
S[17]	888.906	241.604	233.595	234.099	233.091	S[4]
P[18]	877.433	158.105	150.096	150.600	149.592	P[3]
A[19]	872.951	109.579	103.569	103.073	101.065	A[0]
R[20]	1036.999	74.082	68.071	68.575	67.547	R[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAK
79.97



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS^{Phospho} PAK_{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=63.44
- ▶ F105344.dat
- ▶ query=q9210.p1
- ▶ precursor=691.999110
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2073.974	2057.855	0.000	2055.947	S[20]
E[2]	278.119	1944.931	1928.813	0.000	1927.905	E[19]
T[3]	377.167	1815.889	1799.870	0.000	1798.862	T[18]
A[4]	463.204	1714.941	1698.822	0.000	1697.815	A[17]
P[5]	545.257	1643.804	1627.785	0.000	1626.777	P[16]
A[6]	616.294	1546.751	1530.733	0.000	1529.725	A[15]
E[7]	745.336	1475.714	1469.695	0.000	1468.686	E[14]
T[8]	846.384	1346.672	1330.653	0.000	1329.645	T[13]
A[9]	917.421	1245.634	1229.605	0.000	1228.597	A[12]
A[10]	988.458	1174.587	1158.568	0.000	1157.560	A[11]
P[11]	1085.511	1103.550	1087.531	0.000	1086.523	P[10]
A[12]	1159.540	1009.497	993.478	0.000	989.470	A[9]
P[13]	1251.601	935.460	919.441	0.000	918.433	P[8]
V[14]	1352.669	858.407	822.388	0.000	821.380	V[7]
E[15]	1481.712	739.330	723.320	0.000	722.312	E[6]
K[16]	1609.807	610.290	594.277	595.285	593.269	K[5]
S[17]	1776.805	482.201	466.182	467.190	465.174	S[4]
P[18]	1873.858	315.203	299.184	300.192	298.176	P[3]
A[19]	1944.895	218.150	202.131	203.139	201.123	A[2]
K[20]	2072.990	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

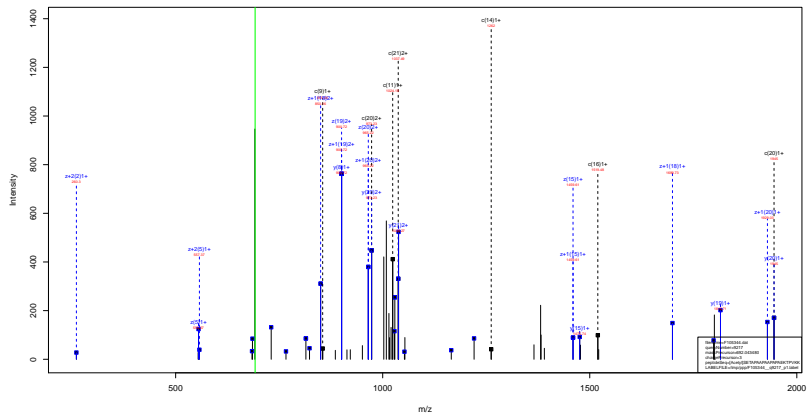
[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=63.44
- ▶ F105344.dat
- ▶ query=q9210_p1
- ▶ precursor=691.999110
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1037.491	1039.401	0.504	1028.977	S[20]
E[2]	1.80.563	972.969	964.960	0.504	964.456	E[19]
T[3]	189.687	908.448	900.439	0.504	899.935	T[18]
A[4]	224.606	857.924	849.915	0.504	849.411	A[17]
F[5]	273.132	822.406	814.396	0.504	813.892	F[16]
A[6]	308.650	773.873	765.870	0.504	765.366	A[15]
E[7]	373.172	738.361	730.351	0.504	729.847	E[14]
T[8]	423.696	673.839	665.830	0.504	665.326	T[13]
A[9]	459.214	623.316	615.306	0.504	614.802	A[12]
A[10]	494.733	587.797	579.788	0.504	579.284	A[11]
P[11]	543.259	552.278	544.269	0.504	543.765	P[10]
A[12]	578.778	503.752	495.743	0.504	495.239	A[9]
P[13]	627.304	468.231	460.224	0.504	459.720	P[8]
V[14]	676.838	419.707	411.698	0.504	411.194	V[7]
E[15]	741.360	370.173	362.164	0.504	361.660	E[6]
K[16]	805.407	305.652	297.642	0.504	297.138	K[5]
S[17]	888.906	241.604	233.595	0.504	233.091	S[4]
P[18]	937.433	158.103	150.096	0.504	149.592	P[3]
A[19]	972.951	109.573	101.569	0.504	101.065	A[2]
K[20]	1036.999	74.600	66.591	0.504	66.087	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKK



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.75
- ▶ F105344.dat
- ▶ query=q9217.p1
- ▶ precursor=692.043480
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2074.118	2058.009	0.000	2057.091	S[21]
E[2]	276.119	1945.075	1929.057	0.000	1928.049	E[20]
T[3]	377.167	1816.033	1800.014	0.000	1799.006	T[19]
A[4]	448.204	1714.983	1698.966	0.000	1697.956	A[18]
P[5]	545.257	1643.948	1627.929	0.000	1626.921	P[17]
A[6]	616.294	1548.895	1530.876	0.000	1529.869	A[16]
A[7]	687.331	1475.858	1459.839	0.000	1458.831	A[15]
P[8]	784.384	1404.821	1388.802	0.000	1387.794	P[14]
A[9]	855.421	1307.768	1291.749	0.000	1290.742	A[13]
A[10]	904.508	1236.731	1220.712	0.000	1219.705	A[12]
P[11]	1023.511	1165.694	1149.675	0.000	1148.667	P[11]
A[12]	1094.548	1068.641	1052.622	0.000	1051.615	A[10]
P[13]	1191.600	997.604	981.585	0.000	980.578	P[9]
A[14]	1262.638	900.551	884.531	0.000	883.523	A[8]
E[15]	1391.680	829.514	813.495	0.000	812.488	E[7]
R[16]	1519.775	760.477	684.453	685.461	683.444	R[6]
T[17]	1620.823	672.377	596.358	557.366	555.350	T[5]
P[18]	1717.876	471.320	485.310	486.318	484.302	P[4]
V[19]	1816.944	374.276	358.267	359.265	357.250	V[3]
K[20]	1945.039	275.208	259.189	260.197	258.181	K[2]
K[21]	2073.134	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

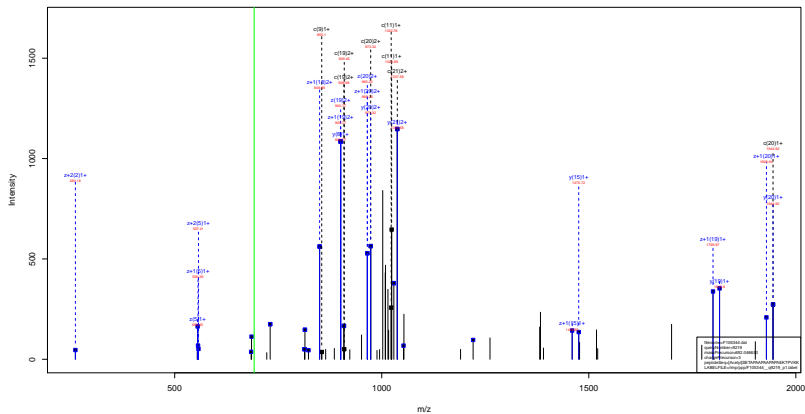
[Acetyl]SETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.75
- ▶ F105344.dat
- ▶ query=q9217.p1
- ▶ precursor=692.043480
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1037.563	1029.553	0.504	1029.049	S[2]
E[2]	138.563	973.041	965.032	0.504	964.528	E[3]
T[3]	189.087	908.520	900.511	0.504	900.007	T[4]
A[4]	224.008	857.999	849.987	0.504	849.483	A[5]
P[5]	273.132	822.478	814.468	0.504	813.964	P[17]
A[6]	308.650	773.951	765.942	0.504	765.438	A[16]
A[7]	344.169	738.433	730.423	0.504	729.919	A[15]
P[8]	392.695	702.914	694.905	0.504	694.401	P[14]
A[9]	428.214	664.388	656.378	0.504	645.874	A[13]
A[10]	463.733	618.869	610.860	0.504	610.356	A[12]
P[11]	512.259	583.351	575.341	0.504	574.837	P[11]
A[12]	547.777	534.824	526.815	0.504	526.311	A[10]
P[13]	596.304	499.300	491.290	0.504	490.786	P[9]
A[14]	631.822	450.770	442.770	0.504	442.266	A[8]
E[15]	696.344	415.251	407.251	0.504	406.747	E[7]
R[16]	768.391	350.730	342.730	0.504	342.226	R[6]
T[17]	810.915	286.602	278.603	0.504	278.170	T[5]
P[18]	859.441	238.100	228.100	0.504	227.655	P[4]
V[19]	908.976	187.642	179.632	0.504	179.128	V[3]
K[20]	973.023	138.100	130.098	0.504	129.594	K[2]
K[21]	1037.071	74.000	66.051	0.504	65.547	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKK



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.97
- ▶ F105344.dat
- ▶ query=q9219.p1
- ▶ precursor=692.046650
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2074.110	2038.099	0.000	2057.091	S[21]
E[2]	276.119	1945.075	1929.057	0.000	1928.049	E[20]
T[3]	377.107	1816.033	1808.014	0.000	1799.000	T[19]
A[4]	448.204	1714.965	1638.959	0.000	1697.955	A[18]
P[5]	545.257	1643.940	1627.929	0.000	1626.921	P[17]
A[6]	616.294	1548.895	1530.876	0.000	1529.869	A[16]
A[7]	667.331	1475.850	1459.839	0.000	1458.831	A[15]
P[8]	784.384	1404.821	1388.802	0.000	1387.794	P[14]
A[9]	855.421	1307.760	1291.749	0.000	1290.742	A[13]
A[10]	928.458	1238.731	1228.712	0.000	1219.705	A[12]
P[11]	1023.511	1185.680	1140.675	0.000	1148.667	P[11]
A[12]	1094.548	1068.641	1052.622	0.000	1051.615	A[10]
P[13]	1191.600	997.604	981.585	0.000	980.578	P[9]
A[14]	1262.638	900.551	884.533	0.000	883.529	A[8]
E[15]	1391.680	828.514	813.495	0.000	812.488	E[7]
K[16]	1519.775	760.472	684.453	685.461	683.445	K[6]
T[17]	1630.823	572.377	556.358	557.366	555.350	T[5]
P[18]	1717.876	471.320	455.310	456.318	454.302	P[4]
V[19]	1816.944	374.270	358.257	359.265	357.250	V[3]
K[20]	1945.039	275.200	259.189	260.197	258.181	K[2]
K[21]	2073.134	147.113	131.094	132.102	130.080	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.97
- ▶ F105344.dat
- ▶ query=q9219.p1
- ▶ precursor=692.046650
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1037.563	1029.553	0.504	1029.049	S[2]
E[2]	138.563	973.041	965.032	0.504	964.528	E[3]
T[3]	189.087	908.520	900.511	0.504	898.007	T[4]
A[4]	224.008	857.999	849.987	0.504	848.483	A[5]
P[5]	273.132	822.478	814.468	0.504	813.964	P[6]
A[6]	308.650	773.951	765.942	0.504	765.438	A[7]
A[7]	344.169	738.433	730.423	0.504	729.919	A[8]
P[8]	392.695	702.914	694.905	0.504	694.401	P[9]
A[9]	428.214	664.388	656.378	0.504	655.874	A[10]
A[10]	463.733	628.869	620.860	0.504	620.356	A[11]
P[11]	512.259	583.351	575.341	0.504	574.837	P[12]
A[12]	547.777	544.824	536.815	0.504	536.311	A[13]
P[13]	596.304	499.300	491.290	0.504	490.786	P[14]
A[14]	631.822	456.779	448.770	0.504	448.266	A[15]
E[15]	696.344	415.261	407.251	0.504	406.747	E[16]
K[16]	768.391	359.739	342.730	0.504	342.226	K[17]
T[17]	810.915	286.602	278.603	0.504	278.179	T[18]
P[18]	859.441	236.100	228.100	0.504	227.655	P[19]
V[19]	908.976	187.642	179.632	0.504	179.128	V[20]
K[20]	973.023	138.100	130.098	0.504	129.594	K[21]
K[21]	1037.071	74.000	66.051	0.504	65.547	K[22]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.14
- ▶ F105344.dat
- ▶ query=q9398_p1
- ▶ precursor=708.040980
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2122.103	2106.094	0.000	2105.078	S[21]
E[2]	276.119	1993.060	1977.041	0.000	1976.033	E[20]
T[3]	377.167	1864.017	1847.999	0.000	1846.993	T[19]
A[4]	448.204	1766.970	1740.954	0.000	1745.943	A[18]
P[5]	545.257	1691.933	1675.914	0.000	1674.908	P[17]
A[6]	616.294	1594.889	1578.861	0.000	1577.853	A[16]
E[7]	745.336	1523.843	1507.824	0.000	1506.818	E[15]
T[8]	846.384	1394.800	1378.781	0.000	1377.774	T[14]
A[9]	917.421	1295.753	1277.734	0.000	1276.726	A[13]
A[10]	988.458	1222.713	1206.697	0.000	1205.689	A[12]
P[11]	1085.511	1151.670	1135.650	0.000	1134.652	P[11]
A[12]	1156.548	1054.626	1038.607	0.000	1037.599	A[10]
P[13]	1251.601	983.588	967.570	0.000	966.562	P[9]
V[14]	1352.669	886.536	870.517	0.000	869.509	V[8]
E[15]	1481.712	787.467	771.449	0.000	770.441	E[7]
K[16]	1609.807	658.423	642.406	643.314	641.398	K[6]
S[17]	1696.839	530.330	514.311	515.319	513.303	S[5]
P[18]	1793.892	443.290	427.279	426.267	426.271	P[4]
A[19]	1864.929	348.245	330.226	331.234	329.218	A[3]
K[20]	1993.024	275.200	259.189	260.197	258.181	K[2]
K[21]	2121.119	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.14
- ▶ F105344.dat
- ▶ query=q9398.p1
- ▶ precursor=708.040980
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1061.555	1053.546	0.504	1053.042	S[2]
E[2]	138.563	997.034	989.024	0.504	988.520	E[3]
T[3]	189.087	932.512	924.503	0.504	923.999	T[10]
A[4]	224.008	868.990	871.979	0.505	873.475	A[18]
P[5]	273.132	846.470	838.461	0.504	837.957	P[17]
A[6]	308.650	797.944	789.934	0.504	789.430	A[16]
E[7]	373.172	762.425	754.416	0.504	753.912	E[15]
T[8]	423.696	697.904	689.894	0.504	689.390	T[14]
A[9]	459.214	647.380	639.371	0.504	638.867	A[13]
A[10]	494.733	613.861	603.852	0.504	603.348	A[12]
P[11]	543.259	576.343	568.333	0.504	567.830	P[11]
A[12]	578.778	527.819	519.807	0.504	519.303	A[10]
P[13]	627.304	492.298	484.288	0.504	483.785	P[9]
V[14]	676.838	443.771	435.762	0.504	435.258	V[8]
E[15]	741.360	394.257	386.248	0.504	385.744	E[7]
R[16]	805.887	329.719	321.707	0.211	321.205	R[6]
S[17]	848.923	265.660	257.650	358.163	257.155	S[5]
P[18]	897.449	222.152	214.143	214.647	213.639	P[4]
A[19]	932.968	173.629	165.617	166.121	165.113	A[3]
K[20]	997.015	138.100	130.090	130.602	129.594	K[2]
K[21]	1061.063	74.050	66.051	66.555	65.547	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKT^{Phospho} PVKK_{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.17
- ▶ F105344.dat
- ▶ query=q9470.p1
- ▶ precursor=718.700090
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2154.084	2138.006	0.000	2137.050	S[21]
E[2]	276.119	2025.042	2009.023	0.000	2008.019	E[20]
T[3]	377.167	1895.999	1879.080	0.000	1878.072	T[19]
A[4]	448.204	1794.957	1778.933	0.000	1777.925	A[18]
P[5]	545.257	1723.914	1707.896	0.000	1706.888	P[17]
A[6]	616.294	1626.861	1610.843	0.000	1609.835	A[16]
A[7]	687.331	1555.824	1539.806	0.000	1538.799	A[15]
P[8]	784.384	1484.787	1468.769	0.000	1467.761	P[14]
A[9]	855.421	1387.734	1371.716	0.000	1370.708	A[13]
A[10]	926.458	1316.697	1300.679	0.000	1299.671	A[12]
P[11]	1023.511	1245.650	1229.632	0.000	1228.624	P[11]
A[12]	1094.548	1148.608	1132.589	0.000	1131.581	A[10]
P[13]	1191.600	1077.570	1061.552	0.000	1060.544	P[9]
A[14]	1262.638	980.518	964.499	0.000	963.491	A[8]
E[15]	1391.680	909.481	893.462	0.000	892.454	E[7]
K[16]	1519.778	789.438	764.419	765.427	763.411	K[6]
T[17]	1700.789	625.342	630.324	637.332	635.316	T[5]
P[18]	1797.842	471.329	485.310	486.318	484.302	P[4]
V[19]	1896.910	374.276	388.257	389.265	387.250	V[3]
K[20]	2025.005	275.208	299.189	260.197	258.181	K[2]
K[21]	2153.100	147.112	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

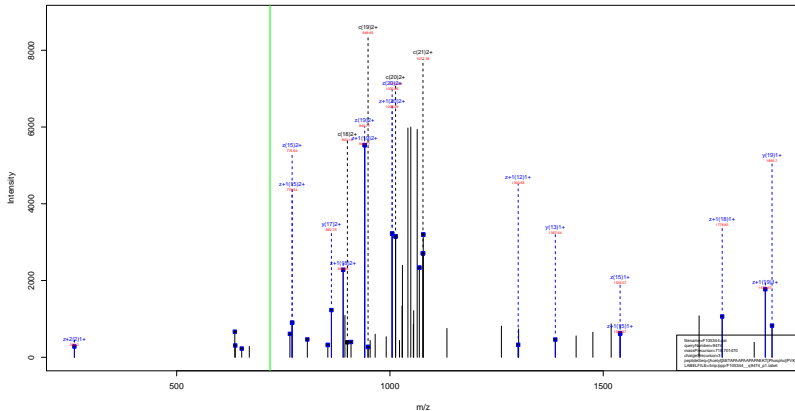
[Acetyl]SETAPAAPAAPAPAEKT^{Phospho} PVKK_{79.97}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.17
- ▶ F105344.dat
- ▶ query=q9470.p1
- ▶ precursor=718.700090
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1077.546	1069.536	0.504	1069.032	S[21]
E[2]	138.563	1013.024	1005.015	0.504	1004.511	E[20]
T[3]	189.087	948.503	940.494	0.504	939.990	T[19]
A[4]	224.008	897.997	889.970	0.504	889.466	A[18]
P[5]	273.132	862.461	854.451	0.504	853.947	P[17]
A[6]	308.650	813.934	805.925	0.504	805.421	A[16]
A[7]	344.169	778.410	770.406	0.504	769.903	A[15]
P[8]	392.695	742.897	734.888	0.504	734.384	P[14]
A[9]	428.214	694.371	686.362	0.504	685.858	A[13]
A[10]	463.733	658.842	650.833	0.504	650.329	A[12]
P[11]	512.259	623.316	615.304	0.504	614.820	P[11]
A[12]	547.777	574.807	566.798	0.504	566.294	A[10]
P[13]	596.304	539.289	531.279	0.504	530.776	P[9]
A[14]	631.822	490.762	482.753	0.504	482.249	A[8]
E[15]	696.344	455.244	447.235	0.504	446.731	E[7]
K[16]	768.391	390.723	382.713	0.504	382.209	K[6]
T[17]	850.898	326.672	318.666	0.504	318.162	T[5]
P[18]	899.425	258.150	250.140	0.504	249.637	P[4]
V[19]	948.959	187.642	179.632	0.504	179.128	V[3]
K[20]	1013.006	138.100	130.090	0.504	129.586	K[2]
K[21]	1077.054	74.050	66.051	0.504	65.547	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAEKT^{Phospho} PVKK
79.97



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKT^{Phospho}PVKK_{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.63
- ▶ F105344.dat
- ▶ query=q9474.p1
- ▶ precursor=718.701470
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2134.084	2138.066	0.000	2137.058	S[21]
E[2]	276.119	2025.042	2029.023	0.000	2028.015	E[20]
T[3]	377.167	1895.999	1879.980	0.000	1878.972	T[19]
A[4]	448.204	1794.951	1778.933	0.000	1777.925	A[18]
P[5]	545.257	1723.914	1707.896	0.000	1706.888	P[17]
A[6]	618.294	1626.861	1610.843	0.000	1609.835	A[16]
A[7]	667.331	1555.824	1539.806	0.000	1538.798	A[15]
P[8]	784.384	1484.787	1468.769	0.000	1467.761	P[14]
A[9]	895.421	1387.734	1371.716	0.000	1370.708	A[13]
A[10]	928.468	1316.691	1300.679	0.000	1299.671	A[12]
P[11]	1023.511	1245.650	1229.632	0.000	1228.624	P[11]
A[12]	1094.548	1148.608	1132.589	0.000	1131.581	A[10]
P[13]	1191.600	1077.570	1061.552	0.000	1060.544	P[9]
A[14]	1262.638	980.518	964.499	0.000	963.491	A[8]
E[15]	1391.680	909.481	893.462	0.000	892.454	E[7]
K[16]	1519.773	787.435	781.416	765.427	763.411	K[6]
T[17]	1705.788	652.343	636.324	637.312	635.310	T[5]
P[18]	1797.842	471.329	455.310	456.318	454.302	P[4]
V[19]	1896.910	374.276	358.257	359.265	357.250	V[3]
K[20]	2025.005	276.208	259.189	260.197	258.181	K[2]
K[21]	2153.100	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

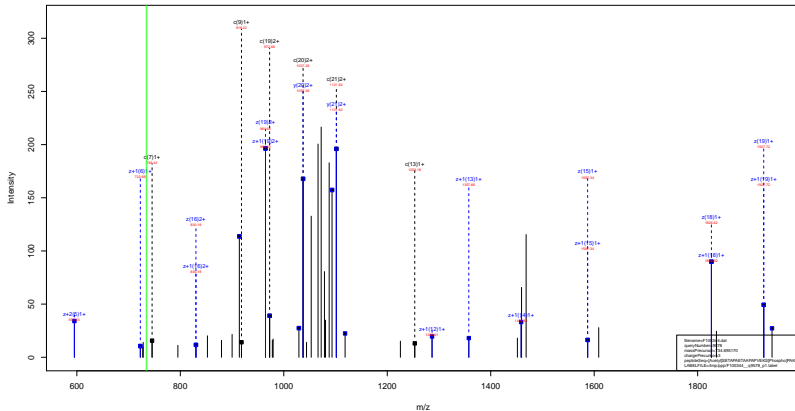
[Acetyl]SETAPAAPAAPAPAEKT^{Phospho} PVKK_{79.97}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.63
- ▶ F105344.dat
- ▶ query=q9474.p1
- ▶ precursor=718.701470
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
S	1	74.042	1077.546	1069.536	0.504	1069.032	S	21
E	2	138.563	1013.024	1005.015	0.504	1004.511	E	20
T	3	189.087	948.503	940.494	0.504	939.990	T	19
A	4	224.008	891.997	889.970	0.504	888.466	A	18
P	5	273.132	862.461	854.451	0.504	853.947	P	17
A	6	308.650	813.934	805.925	0.504	805.421	A	16
A	7	344.169	778.410	770.406	0.504	769.903	A	15
P	8	392.695	742.897	734.888	0.504	734.384	P	14
A	9	428.214	694.371	686.362	0.504	685.858	A	13
A	10	463.733	658.852	650.843	0.504	650.339	A	12
P	11	512.259	623.330	615.324	0.504	614.820	P	11
A	12	547.777	574.807	566.798	0.504	566.294	A	10
P	13	596.304	539.289	531.279	0.504	530.776	P	9
A	14	631.822	490.762	482.753	0.504	482.249	A	8
E	15	696.344	455.244	447.235	0.504	446.731	E	7
K	16	768.391	390.723	382.713	0.504	382.209	K	6
T	17	850.938	326.672	318.666	0.504	318.162	T	5
P	18	899.425	258.160	250.150	0.504	249.646	P	4
V	19	948.959	187.642	179.632	0.504	179.128	V	3
K	20	1013.006	138.100	130.090	0.504	129.584	K	2
K	21	1077.054	74.000	66.001	0.504	65.497	K	1

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho}PAKK
79.97



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS^{Phospho} PAKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.99
- ▶ F105344.dat
- ▶ query=q9578_p1
- ▶ precursor=734.695170
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2202.069	2186.050	0.000	2185.042	S[21]
E[2]	276.119	2073.020	2057.008	0.000	2056.000	E[20]
T[3]	377.167	1943.984	1927.965	0.000	1926.957	T[19]
A[4]	448.204	1842.925	1826.917	0.000	1825.910	A[18]
P[5]	545.257	1771.899	1755.890	0.000	1754.872	P[17]
A[6]	616.294	1674.848	1658.839	0.000	1657.820	A[16]
E[7]	745.336	1603.809	1587.790	0.000	1586.783	E[15]
T[8]	846.384	1474.767	1458.748	0.000	1457.740	T[14]
A[9]	917.421	1373.719	1357.700	0.000	1356.692	A[13]
A[10]	988.458	1302.682	1286.663	0.000	1285.655	A[12]
P[11]	1085.511	1231.645	1215.626	0.000	1214.618	P[11]
A[12]	1196.548	1134.592	1118.573	0.000	1117.565	A[10]
P[13]	1253.601	1063.555	1047.536	0.000	1046.528	P[9]
V[14]	1352.669	966.502	950.483	0.000	949.475	V[9]
E[15]	1481.712	897.434	881.415	0.000	880.407	E[7]
R[16]	1609.807	798.391	772.372	773.380	771.364	R[6]
S[17]	1776.905	610.296	594.277	595.285	593.269	S[5]
P[18]	1873.858	443.208	427.219	428.287	426.271	P[4]
A[19]	1944.895	346.245	330.226	331.234	329.218	A[3]
R[20]	2072.990	275.208	259.189	260.197	258.181	R[2]
K[21]	2201.085	147.112	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

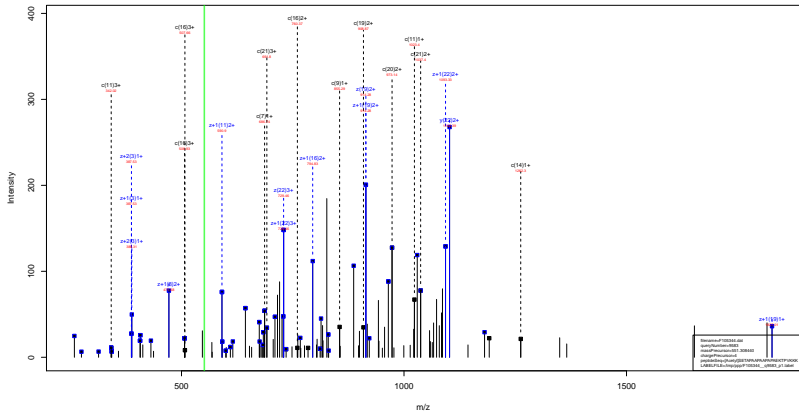
[Acetyl]SETAPAETAAPAPVEKS ^{Phospho}79.97 PAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.99
- ▶ F105344.dat
- ▶ query=q9578_p1
- ▶ precursor=734.695170
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1101.538	1093.529	0.504	1093.025	S[2]
E[2]	138.563	1037.017	1029.007	0.504	1028.504	E[3]
T[3]	189.087	972.496	964.486	0.504	963.983	T[10]
A[4]	224.008	924.977	913.962	0.505	913.458	A[18]
P[5]	273.132	886.453	876.444	0.504	877.040	P[17]
A[6]	308.650	837.927	829.917	0.504	829.413	A[16]
E[7]	373.172	802.400	794.399	0.504	793.895	E[15]
T[8]	423.696	737.887	729.878	0.504	729.374	T[14]
A[9]	459.214	687.363	679.354	0.504	678.850	A[13]
A[10]	494.733	637.840	643.836	0.504	643.331	A[2]
P[11]	543.259	610.320	608.317	0.504	607.813	P[11]
A[12]	578.778	567.800	569.790	0.504	569.286	A[10]
P[13]	627.304	532.281	534.272	0.504	533.768	P[9]
V[14]	676.838	483.755	475.745	0.504	475.241	V[8]
E[15]	741.360	434.230	436.211	0.504	435.707	E[7]
R[16]	825.807	369.699	361.690	0.504	361.186	R[6]
S[17]	888.908	305.657	297.642	0.504	297.138	S[5]
P[18]	937.433	222.152	214.143	0.504	213.639	P[4]
A[19]	972.951	173.620	165.617	0.504	165.113	A[3]
R[20]	1036.999	138.100	130.098	0.504	129.594	R[2]
K[21]	1101.046	74.060	66.051	0.505	65.547	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAEKTPVKKK



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.46
- ▶ F105344.dat
- ▶ query=q9583_p1
- ▶ precursor=551.308440
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2202.211	2186.194	0.000	2185.180	S[2]
E[2]	-276.119	2073.170	2057.152	0.000	2056.144	E[2]
T[3]	377.167	1944.128	1928.109	0.000	1927.101	T[20]
A[4]	448.204	1843.080	1827.061	0.000	1826.053	A[19]
P[5]	545.257	1772.043	1756.024	0.000	1755.016	P[18]
A[6]	616.294	1674.990	1658.971	0.000	1657.964	A[17]
A[7]	687.331	1603.953	1587.934	0.000	1586.926	A[10]
P[8]	784.384	1532.916	1516.897	0.000	1515.889	P[15]
A[9]	855.421	1461.883	1445.864	0.000	1444.857	A[14]
A[10]	926.458	1394.826	1378.807	0.000	1377.799	A[13]
P[11]	1023.511	1293.789	1277.770	0.000	1276.762	P[12]
A[12]	1094.548	1195.736	1180.717	0.000	1179.710	A[11]
P[13]	1191.600	1125.699	1109.680	0.000	1108.672	P[10]
A[14]	1262.638	1028.645	1012.626	0.000	1011.623	A[9]
E[15]	1394.689	957.599	941.580	0.000	940.573	E[6]
K[16]	1519.775	828.567	812.548	813.556	811.540	K[7]
T[17]	1620.823	700.472	684.453	685.461	683.445	T[0]
P[18]	1717.876	599.424	583.405	584.413	582.397	P[5]
V[19]	1816.944	502.371	486.352	487.360	485.345	V[4]
K[20]	1945.039	403.303	387.284	388.292	386.276	K[3]
K[21]	2073.134	275.208	259.189	260.197	258.181	K[0]
K[22]	2201.229	147.111	131.094	132.102	130.085	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.46
- ▶ F105344.dat
- ▶ query=q9583_p1
- ▶ precursor=551.308440
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
E	1	74.942	1101.610	1093.601	0.504	1093.097	E[2]
E	2	138.983	1037.089	1029.079	0.504	1028.577	E[2]
Y	3	189.087	972.567	964.558	0.504	964.054	Y[20]
A	4	224.606	922.044	914.034	0.504	913.530	A[10]
F	5	273.132	886.525	878.516	0.504	878.017	F[18]
A	6	308.650	837.999	829.989	0.504	829.485	A[17]
A	7	364.169	782.480	794.471	0.504	793.967	A[10]
D	8	392.696	766.962	758.953	0.504	758.444	D[15]
A	9	428.214	718.435	710.426	0.504	709.922	A[14]
A	10	463.733	682.917	674.907	0.504	674.403	A[13]
F	11	512.259	647.399	639.389	0.504	638.885	F[12]
A	12	547.777	598.872	590.862	0.504	590.358	A[11]
F	13	596.304	563.353	555.344	0.504	554.840	F[10]
A	14	631.822	514.827	506.817	0.504	506.313	A[9]
E	15	686.344	479.305	471.299	0.504	470.795	E[8]
R	16	760.391	414.787	406.778	407.281	406.274	R[7]
F	17	810.915	359.739	342.730	343.234	342.226	F[6]
P	18	859.441	300.210	292.202	292.710	291.703	P[5]
V	19	908.976	251.680	243.680	244.184	243.176	V[4]
R	20	973.023	202.157	194.148	194.650	193.642	R[3]
R	21	1037.071	138.100	130.098	130.602	129.594	R[2]
R	22	1101.118	74.060	66.051	66.555	65.547	R[1]

sp | P43274 | H14_MOUSE

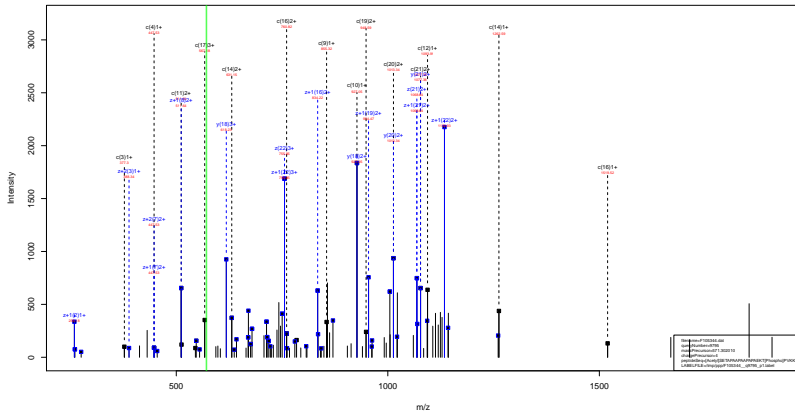
[Acetyl]SETAPAAPAAPAPAEKTPVKKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.46
- ▶ F105344.dat
- ▶ query=q9583_p1
- ▶ precursor=551.308440
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	734.742	729.403	0.672	729.067	S[22]
E[2]	92.711	691.728	686.389	0.672	686.053	E[21]
T[3]	126.304	648.714	643.375	0.672	643.039	T[20]
A[4]	190.073	615.032	609.692	0.672	609.356	A[19]
P[5]	182.424	591.352	586.013	0.672	585.677	P[18]
A[6]	206.103	559.002	553.662	0.672	553.326	A[17]
A[7]	229.782	526.323	520.983	0.672	520.647	A[16]
P[8]	252.133	511.841	506.304	0.672	505.968	P[15]
A[9]	285.812	479.293	473.953	0.672	473.617	A[14]
A[10]	309.491	455.614	450.274	0.672	449.938	A[13]
P[11]	341.842	431.934	426.595	0.672	426.259	P[12]
A[12]	365.521	399.584	394.244	0.672	393.908	A[11]
P[13]	397.872	375.905	370.565	0.672	370.229	P[10]
A[14]	421.551	343.554	338.214	0.672	337.878	A[9]
E[15]	464.565	319.875	314.535	0.672	314.199	E[8]
K[16]	507.263	276.866	271.526	271.857	271.489	K[7]
T[17]	540.946	234.163	228.823	229.138	228.467	T[6]
P[18]	573.297	200.475	195.140	195.476	194.804	P[5]
V[19]	606.320	168.129	162.789	163.125	162.453	V[4]
K[20]	649.018	135.105	129.766	130.102	129.430	K[3]
K[21]	691.716	92.407	87.068	87.404	86.732	K[2]
K[22]	734.414	49.700	44.370	44.705	44.034	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAEKT ^{Phospho} PVKKK
79.97



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKT^{Phospho}PVKKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.39
- ▶ F105344.dat
- ▶ query=q9795_p1
- ▶ precursor=571.302010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2282.178	2286.180	0.000	2285.181	S[2]
E[2]	-276.119	2153.137	2137.118	0.000	2136.110	E[2]
T[3]	377.167	2024.094	2008.075	0.000	2007.067	T[20]
A[4]	448.204	1923.046	1907.028	0.000	1906.020	A[19]
P[5]	545.257	1852.000	1835.990	0.000	1834.983	P[18]
A[6]	616.294	1754.956	1738.938	0.000	1737.930	A[17]
A[7]	697.333	1683.910	1667.901	0.000	1666.893	A[10]
P[8]	784.384	1612.862	1596.853	0.000	1595.856	P[15]
A[9]	855.421	1515.829	1499.811	0.000	1498.803	A[14]
A[10]	926.458	1444.792	1428.774	0.000	1427.766	A[13]
P[11]	1023.511	1373.755	1357.737	0.000	1356.729	P[12]
A[12]	1094.548	1276.702	1260.684	0.000	1259.676	A[11]
P[13]	1191.600	1205.665	1189.647	0.000	1188.639	P[10]
A[14]	1262.638	1108.613	1092.594	0.000	1091.586	A[9]
E[15]	1361.660	1037.575	1021.557	0.000	1020.549	E[6]
K[16]	1519.775	968.533	892.514	893.522	891.505	K[7]
T[17]	1700.789	780.438	764.419	765.427	763.411	T[0]
P[18]	1797.842	599.424	583.405	584.413	582.397	P[5]
V[19]	1896.910	502.371	486.352	487.360	485.345	V[4]
K[20]	2025.005	403.303	387.284	388.292	386.276	K[3]
K[21]	2153.180	275.208	259.189	260.197	258.181	K[0]
K[22]	2281.395	147.111	131.094	132.102	130.085	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKT^{Phospho}PVKKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.39
- ▶ F105344.dat
- ▶ query=q9795_p1
- ▶ precursor=571.30210
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
E	1	74.942	1141.593	1133.584	0.504	1133.086	E[2]
E	2	138.583	1077.072	1069.063	0.504	1068.559	E[2]
Y	3	189.087	1012.551	1004.541	0.504	1004.037	Y[20]
A	4	224.606	962.027	954.017	0.504	953.514	A[10]
P	5	273.132	926.508	918.499	0.504	917.995	P[18]
A	6	308.650		869.973	0.504	869.469	A[17]
A	7	364.109	842.463	834.454	0.504	833.950	A[10]
D	8	392.695	806.945	798.936	0.504	798.431	D[15]
A	9	428.214	758.418	750.409	0.504	749.905	A[14]
A	10	463.733	722.900	714.890	0.504	714.387	A[13]
P	11	512.259	667.381	679.372	0.504	678.868	P[12]
A	12	547.777	638.855	630.846	0.504	630.342	A[11]
P	13	598.304	603.328	595.317	0.504	594.823	P[10]
A	14	631.822	554.810	546.801	0.504	546.297	A[9]
E	15	686.344	519.291	511.282	0.504	510.778	E[8]
R	16	760.391	454.770	446.761	447.265	446.257	R[7]
T	17	850.898	390.723	382.713	381.217	382.200	T[6]
P	18	899.425	300.210	292.200	292.710	291.701	P[5]
V	19	948.959	251.680	243.680	244.184	243.176	V[4]
K	20	1013.000	202.157	194.156	194.650	193.642	K[3]
R	21	1077.054	138.100	130.098	130.602	129.594	R[2]
K	22	1141.101	74.000	66.051	66.555	65.547	K[1]

sp | P43274 | H14_MOUSE

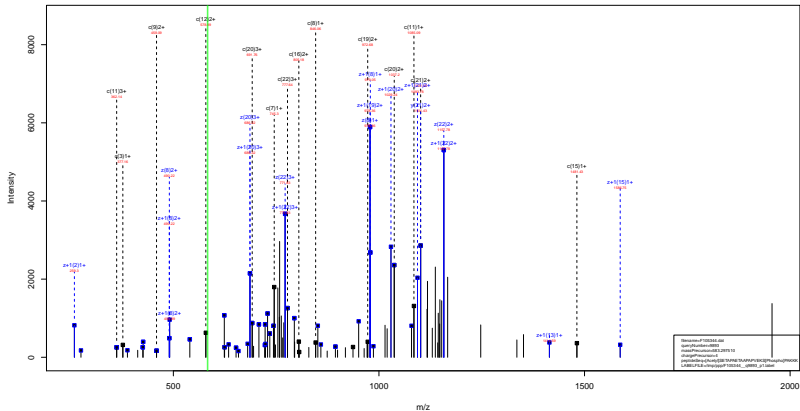
[Acetyl]SETAPAAPAAPAPAEKT^{Phospho}PVKKK
79.97

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.39
- ▶ F105344.dat
- ▶ query=q9795_p1
- ▶ precursor=571.302010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	761.398	756.058	0.672	755.722	S[22]
E[2]	92.711	718.384	713.044	0.672	712.708	E[21]
T[3]	126.394	675.370	670.030	0.672	669.694	T[20]
A[4]	190.073	641.687	636.347	0.672	636.011	A[19]
P[5]	182.424	618.008	612.668	0.672	612.332	P[18]
A[6]	206.103	585.057	580.317	0.672	579.981	A[17]
A[7]	229.782	561.973	556.633	0.672	556.302	A[16]
P[8]	252.133	538.290	532.950	0.672	532.623	P[15]
A[9]	285.812	505.945	500.605	0.672	500.272	A[14]
A[10]	309.491	482.269	476.929	0.672	476.593	A[13]
P[11]	341.842	458.590	453.250	0.672	452.914	P[12]
A[12]	365.521	426.239	420.899	0.672	420.563	A[11]
P[13]	397.872	402.560	397.220	0.672	396.884	P[10]
A[14]	421.551	370.209	364.869	0.672	364.534	A[9]
E[15]	464.565	346.530	341.190	0.672	340.854	E[8]
K[16]	507.260	303.316	298.176	298.512	297.840	K[7]
T[17]	567.601	260.817	255.478	255.814	255.142	T[6]
P[18]	599.952	230.478	195.140	195.476	194.804	P[5]
V[19]	632.975	188.129	162.789	163.125	162.453	V[4]
K[20]	675.673	135.105	129.766	130.102	129.430	K[3]
K[21]	718.372	92.407	87.068	87.404	86.732	K[2]
K[22]	761.070	49.709	44.370	44.705	44.034	K[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKK
79.97



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.67
- ▶ F105344.dat
- ▶ query=q9893_p1
- ▶ precursor=583.297510
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2330.164	2314.148	0.000	2313.137	S[2]
E[2]	276.119	2201.123	2185.103	0.000	2184.095	E[2]
T[3]	377.107	2072.070	2056.060	0.000	2055.052	T[20]
A[4]	448.204	1971.031	1955.012	0.000	1954.005	A[19]
P[5]	545.257	1839.994	1823.975	0.000	1822.967	P[18]
A[6]	616.294	1802.941	1786.922	0.000	1785.915	A[17]
E[7]	745.336	1731.904	1715.885	0.000	1714.878	E[10]
T[8]	846.384	1602.861	1586.843	0.000	1585.835	T[15]
A[9]	917.421	1501.814	1485.795	0.000	1484.787	A[14]
A[10]	988.458	1430.777	1414.758	0.000	1413.750	A[13]
P[11]	1085.511	1359.740	1343.721	0.000	1342.713	P[12]
A[12]	1156.548	1262.687	1246.668	0.000	1245.660	A[11]
P[13]	1253.601	1191.650	1175.631	0.000	1174.623	P[10]
V[14]	1352.699	1094.597	1078.578	0.000	1077.570	V[9]
E[15]	1481.712	995.529	979.510	0.000	978.502	E[6]
K[16]	1609.807	896.485	880.467	851.475	840.459	K[7]
S[17]	1776.805	738.391	722.372	723.380	721.364	S[0]
P[18]	1873.858	571.303	555.284	556.282	554.266	P[5]
A[19]	1944.895	474.340	458.321	459.329	457.313	A[4]
K[20]	2072.990	403.303	387.284	388.292	386.276	K[3]
K[21]	2201.085	275.208	259.189	260.187	258.181	K[0]
K[22]	2329.180	147.113	131.094	132.102	130.085	K[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.67
- ▶ F105344.dat
- ▶ query=q9893_p1
- ▶ precursor=583.297510
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	74.942	1105.508	1157.576	0.504	1157.072	S[2]
E[2]	138.583	1101.064	1093.055	0.504	1092.551	E[2]
Y[3]	189.087	1036.543	1028.534	0.504	1028.030	Y[20]
A[4]	224.606	986.019	978.010	0.504	977.506	A[10]
P[5]	273.132	950.501	942.491	0.504	941.987	P[18]
A[6]	308.650	901.974	893.965	0.504	893.461	A[17]
E[7]	323.172	866.495	858.446	0.504	857.942	E[16]
T[8]	413.696	801.934	793.925	0.504	793.421	T[15]
A[9]	459.214	751.411	743.401	0.504	742.897	A[14]
A[10]	494.733	715.892	707.883	0.504	707.379	A[13]
P[11]	543.259	680.373	672.364	0.504	671.860	P[12]
A[12]	578.778	631.847	623.838	0.504	623.334	A[11]
P[13]	627.304	596.328	588.319	0.504	587.815	P[10]
V[14]	676.838	547.801	539.793	0.504	539.289	V[9]
E[15]	741.360	498.280	490.259	0.504	489.755	E[8]
R[16]	805.407	433.747	425.737	426.241	425.233	R[7]
S[17]	868.906	369.699	361.690	362.194	361.186	S[6]
P[18]	937.433	288.200	278.191	278.694	277.687	P[5]
A[19]	972.951	237.674	229.664	230.168	229.160	A[4]
R[20]	1038.999	202.157	194.148	194.650	193.642	R[3]
R[21]	1101.046	138.108	130.098	130.602	129.594	R[2]
R[22]	1105.094	74.060	66.051	66.555	65.547	R[1]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.67
- ▶ F105344.dat
- ▶ query=q9893_p1
- ▶ precursor=583.297510
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	777.393	772.053	0.672	771.717	S[22]
E[2]	92.711	734.379	729.039	0.672	728.703	E[21]
T[3]	126.304	691.364	686.025	0.672	685.689	T[20]
A[4]	190.073	657.682	652.342	0.672	652.006	A[19]
P[5]	182.424	634.003	628.663	0.672	628.327	P[18]
A[6]	206.103	601.652	596.312	0.672	595.976	A[17]
E[7]	239.117	577.972	572.633	0.672	572.297	E[16]
T[8]	262.800	554.950	549.610	0.672	549.273	T[15]
A[9]	306.479	501.275	495.937	0.672	495.601	A[14]
A[10]	330.158	477.597	472.258	0.672	471.922	A[13]
P[11]	362.508	453.918	448.578	0.672	448.243	P[12]
A[12]	386.188	421.567	416.228	0.672	415.892	A[11]
P[13]	418.538	397.888	392.549	0.672	392.213	P[10]
V[14]	451.561	365.537	360.198	0.672	359.862	V[9]
E[15]	494.575	332.514	327.175	0.672	326.839	E[8]
K[16]	537.274	299.500	294.161	294.497	293.825	K[7]
S[17]	592.940	266.802	261.463	261.798	261.126	S[6]
P[18]	625.291	191.130	185.790	185.132	185.460	P[3]
A[19]	648.970	158.785	153.445	153.781	153.109	A[4]
K[20]	691.668	135.105	129.766	130.102	129.430	K[3]
K[21]	734.367	92.407	87.068	87.404	86.732	K[2]
K[22]	777.065	49.700	44.370	44.705	44.034	K[1]

sp | P68433 | H31_MOUSE

EIAQDFK ^{Methyl} 14.02 TDLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.53
- ▶ F105346.dat
- ▶ query=q5744.p1
- ▶ precursor=450.573370
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E[1]	147.076	1949.706	1333.687	0.000	1332.679	E[11]
I[2]	260.160	1220.963	1204.645	0.000	1203.637	I[10]
A[3]	311.198	1107.579	1091.561	0.000	1090.553	A[9]
Q[4]	458.256	1036.942	1020.923	1021.531	1019.516	Q[8]
D[5]	574.283	906.484	892.465	893.473	891.457	D[7]
F[6]	721.352	793.457	777.438	778.446	776.430	F[6]
R[7]	863.482	646.388	630.370	631.377	629.362	R[5]
T[8]	964.510	504.276	488.259	489.267	487.251	T[4]
D[9]	1079.537	403.230	387.211	388.219	386.203	D[3]
L[10]	1192.621	288.203	272.184	273.192	271.176	L[2]
R[11]	1348.722	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

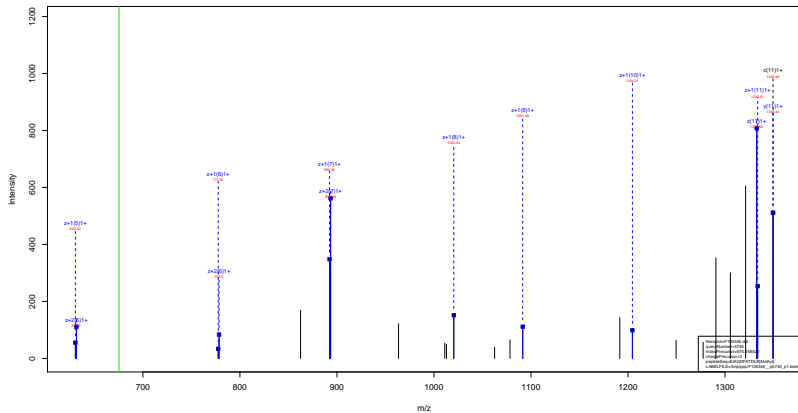
EIAQDFK ^{Methyl} 14.02 TDLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.53
- ▶ F105346.dat
- ▶ query=q5744.p1
- ▶ precursor=450.573370
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E [1]	74.042	675.357	667.347	0.504	666.843	E [11]
V [2]	130.584	610.835	602.826	0.504	602.322	V [10]
A [3]	166.102	554.293	546.284	0.504	545.780	A [9]
Q [4]	230.132	518.775	510.765	0.504	510.261	Q [8]
D [5]	267.645	454.745	446.736	0.504	446.232	D [7]
F [6]	351.179	397.232	389.223	0.504	388.719	F [6]
K [7]	432.235	323.698	315.688	0.504	315.184	K [5]
Y [8]	482.759	252.642	244.633	0.504	244.129	Y [4]
D [9]	540.272	202.119	194.109	0.504	193.605	D [3]
L [10]	596.814	144.605	136.596	0.504	136.092	L [2]
R [11]	674.865	88.063	80.054	0.504	79.550	R [1]

sp | P68433 | H31_MOUSE

EIAQDFKTDLR (Methyl)
(14.02)



sp | P68433 | H31_MOUSE

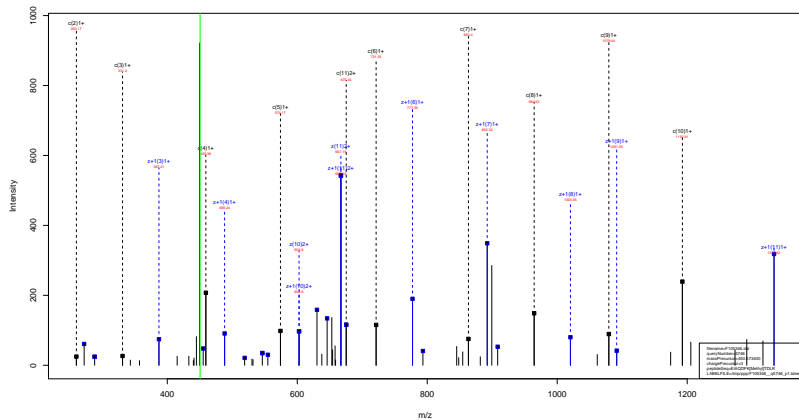
EIAQDFKTDLR ^(Methyl)
(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.83
- ▶ F105346.dat
- ▶ query=q5745_p1
- ▶ precursor=675.356420
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E[1]	147.076	1349.706	1331.607	0.000	1332.679	E[1]
I[2]	260.160	1220.663	1204.645	0.000	1203.637	I[10]
A[3]	331.198	1107.579	1091.561	0.000	1090.551	A[9]
Q[4]	459.256	1036.542	1020.523	1071.531	1019.510	Q[8]
D[5]	574.283	968.495	952.465	933.473	931.451	D[7]
F[6]	721.352	793.857	777.838	778.446	776.431	F[6]
K[7]	849.446	646.388	630.370	631.377	629.362	K[5]
T[8]	956.494	518.203	502.375	503.282	501.267	T[4]
D[9]	1065.521	417.246	401.227	402.236	400.210	D[3]
L[10]	1178.605	302.219	286.200	287.208	285.192	L[3]
R[11]	1348.722	189.135	173.116	174.124	172.108	R[1]

sp | P68433 | H31_MOUSE

EIAQDFK ^{Methyl} TDLR
14.02



sp | P68433 | H31_MOUSE

EIAQDFK^{Methyl} TDLR
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.23
- ▶ F105346.dat
- ▶ query=q5746.p1
- ▶ precursor=450.573400
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E[1]	147.076	1349.706	1333.607	0.000	1332.679	E[11]
I[2]	260.160	1220.663	1209.665	0.000	1203.637	I[10]
A[3]	331.198	1107.579	1091.561	0.000	1090.553	A[9]
Q[4]	459.256	1008.542	1020.523	1021.531	1019.516	Q[8]
D[5]	574.283	908.484	892.465	893.473	891.457	D[7]
F[6]	721.352	793.457	777.438	778.446	776.430	F[6]
K[7]	863.462	646.388	630.370	631.377	629.362	K[5]
T[8]	964.510	504.278	488.259	489.267	487.251	T[4]
D[9]	1079.537	403.230	387.211	388.219	386.203	D[3]
L[10]	1192.621	288.203	272.184	273.192	271.176	L[2]
R[11]	1348.722	175.110	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

EIAQDFK ^{Methyl} 14.02 TDLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.23
- ▶ F105346.dat
- ▶ query=q5746_p1
- ▶ precursor=450.573400
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E [1]	74.042	675.357	667.347	0.504	666.843	E [11]
V [2]	130.584	610.835	602.826	0.504	602.322	V [10]
A [3]	166.102	554.293	546.284	0.504	545.780	A [9]
Q [4]	239.132	518.775	510.765	311.269	510.261	Q [8]
D [5]	287.645	454.745	446.736	447.240	446.232	D [7]
F [6]	351.179	397.232	389.223	389.727	388.719	F [6]
K [7]	432.235	323.698	315.688	316.192	315.184	K [5]
Y [8]	482.759	252.642	244.633	245.137	244.129	Y [4]
D [9]	540.272	202.119	194.109	194.613	193.605	D [3]
L [10]	596.814	144.605	136.596	137.100	136.092	L [2]
R [11]	674.865	88.063	80.054	80.558	79.550	R [1]

sp | P68433 | H31_MOUSE

EIAQDFK^{Methyl} TDLR
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.27
- ▶ F105346.dat
- ▶ query=q5748.p1
- ▶ precursor=450.574980
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E[1]	147.076	1349.706	1333.607	0.000	1332.670	E[11]
I[2]	260.160	1220.663	1209.665	0.000	1203.637	I[10]
A[3]	331.198	1107.579	1091.561	0.000	1090.553	A[9]
Q[4]	459.256	1036.542	1020.523	1021.531	1019.516	Q[8]
D[5]	574.283	908.484	892.465	893.473	891.457	D[7]
F[6]	721.352	793.457	777.438	778.446	776.430	F[6]
K[7]	863.462	646.388	630.370	631.377	629.362	K[5]
T[8]	964.510	504.278	488.259	489.267	487.251	T[4]
D[9]	1079.537	403.230	387.211	388.219	386.203	D[3]
L[10]	1192.621	288.203	272.184	273.192	271.176	L[2]
R[11]	1348.722	175.110	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

EIAQDFK ^{Methyl} 14.02 TDLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.27
- ▶ F105346.dat
- ▶ query=q5748.p1
- ▶ precursor=450.574980
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E [1]	74.042	675.357	667.347	0.504	666.843	E[11]
V [2]	130.584	610.835	602.826	0.504	602.322	V[10]
A [3]	166.102	554.293	546.284	0.504	545.780	A[9]
Q [4]	230.132	518.775	510.765	511.269	510.261	Q[8]
D [5]	267.645	454.745	446.736	447.240	446.232	D[7]
F [6]	351.179	397.232	389.223	389.727	388.719	F[6]
K [7]	432.235	323.698	315.688	316.192	315.184	K[5]
Y [8]	482.759	252.642	244.633	245.137	244.129	Y[4]
D [9]	540.272	202.119	194.109	194.613	193.605	D[3]
L [10]	596.814	144.605	136.596	137.100	136.092	L[2]
R [11]	674.865	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

LVREIAQDFK ^{Methyl} TDLR
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.54
- ▶ F105346.dat
- ▶ query=q8040_p1
- ▶ precursor=573.323410
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	1717.960	1701.941	0.000	1700.933	L[14]
V[2]	230.188	1604.875	1588.857	0.000	1587.849	V[13]
R[3]	388.287	1329.801	1489.788	1460.796	1488.781	R[12]
E[4]	515.130	1349.706	1333.607	1334.605	1332.679	E[11]
I[5]	628.414	1220.063	1204.645	1205.652	1203.637	I[10]
A[6]	699.451	1107.579	1091.501	1092.568	1090.553	A[9]
Q[7]	827.510	1036.542	1020.523	1021.531	1019.516	Q[8]
D[8]	942.537	908.484	892.465	893.473	891.457	D[7]
F[9]	1089.605	793.451	777.438	778.446	776.431	F[6]
K[10]	1231.716	640.383	620.370	621.377	620.362	K[5]
V[11]	1332.763	504.278	488.259	489.267	487.251	V[4]
D[12]	1447.790	403.230	387.211	388.219	386.203	D[3]
L[13]	1560.874	288.203	272.184	273.192	271.176	L[2]
R[14]	1718.976	175.119	150.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

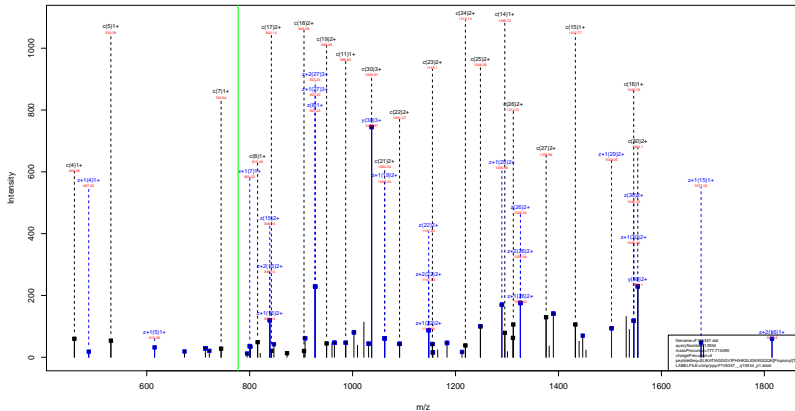
LVREIAQDFK ^{Methyl} 14.02 TDLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.54
- ▶ F105346.dat
- ▶ query=q8040_p1
- ▶ precursor=573.323410
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
L[1]	66.083	859.483	851.474	0.504	850.970	L[14]
V[2]	115.597	802.941	794.037	0.504	794.426	V[13]
R[3]	193.647	753.407	745.398	745.902	744.894	R[12]
E[4]	258.169	675.357	667.347	667.851	666.843	E[11]
I[5]	314.711	610.835	602.826	603.330	602.322	I[10]
A[6]	350.229	564.293	546.284	546.788	545.780	A[9]
Q[7]	414.259	518.775	510.765	511.269	510.261	Q[8]
D[8]	471.772	454.745	446.736	447.240	446.232	D[7]
F[9]	545.306	397.232	389.223	389.727	388.719	F[6]
K[10]	616.362	323.698	315.688	316.192	315.184	K[5]
T[11]	658.928	252.542	244.533	245.137	244.129	T[4]
D[12]	724.399	202.119	194.109	194.613	193.605	D[3]
L[13]	780.941	144.605	136.596	137.100	136.092	L[2]
R[14]	858.991	88.063	80.054	80.558	79.550	R[1]

sp | Q3THW5 | H2AV_MOUSE

SLIKATIAGGGVIPHIHKSLIGKKGQK ^{Propionyl} TA
56.03



Database: UniProt
 Query Name: Q3THW5
 Search Method: FT-MS
 Charge: 1+
 Label: SLIKATIAGGGVIPHIHKSLIGKKGQK
 Label: SLIKATIAGGGVIPHIHKSLIGKKGQK

sp | Q3THW5 | H2AV_MOUSE

SLIKATIAGGGVIPHIHKSLIGKKGQK Propionyl TA
56.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=99.34
- ▶ F105347.dat
- ▶ query=q13934.p1
- ▶ precursor=777.715490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.006	3107.842	3091.823	0.000	3090.815	S[30]
L[2]	218.150	3020.810	3004.791	0.000	3003.783	L[29]
T[3]	311.234	2907.725	2891.707	0.000	2890.699	T[28]
K[4]	459.129	2794.641	2779.623	2779.630	2777.615	K[27]
A[5]	530.366	2686.546	2650.528	2651.536	2649.520	A[26]
F[6]	631.414	2595.509	2579.491	2580.498	2578.483	F[25]
I[7]	744.498	2494.462	2478.443	2479.451	2477.435	I[24]
A[8]	815.535	2381.378	2365.359	2366.367	2364.351	A[23]
G[9]	872.556	2210.340	2204.322	2205.330	2203.314	G[22]
Q[10]	939.516	2053.319	2037.300	2038.308	2036.292	Q[21]
G[11]	986.599	2106.298	2100.279	2101.287	2100.271	G[20]
V[12]	1085.668	2139.276	2123.257	2124.265	2122.250	V[19]
I[13]	1108.752	2040.208	2024.189	2025.197	2023.181	I[18]
P[14]	1295.805	1927.134	1911.115	1912.113	1910.107	P[17]
H[15]	1432.863	1830.071	1814.052	1815.060	1813.044	H[16]
I[16]	1545.948	1693.024	1676.993	1678.001	1676.985	I[15]
H[17]	1683.006	1579.926	1563.907	1564.917	1562.901	H[14]
K[18]	1811.101	1442.869	1426.850	1427.858	1425.843	K[13]
S[19]	1898.133	1314.774	1298.755	1299.763	1297.747	S[12]
L[20]	2011.217	1227.742	1211.723	1212.731	1210.715	L[11]
I[21]	2124.302	1114.658	1098.639	1099.647	1097.631	I[10]
Q[22]	2193.223	1001.574	985.555	986.563	984.547	Q[9]
K[23]	2309.418	944.552	928.534	929.541	927.526	K[8]
K[24]	2437.513	816.457	800.439	801.446	799.431	K[7]
G[25]	2494.534	688.362	672.344	673.352	671.336	G[6]
Q[26]	2622.593	631.341	615.322	616.330	614.314	Q[5]
Q[27]	2750.652	503.282	487.264	488.271	486.256	Q[4]
K[28]	2834.774	376.224	360.205	360.213	358.197	K[3]
T[29]	3035.820	191.103	175.084	176.092	174.076	T[2]
A[30]	3106.858	90.055	74.036	75.044	73.028	A[1]

sp | Q3THW5 | H2AV_MOUSE

SLIKATIAGGGVIPHIHKSLIGKKGQK Propionyl TA
56.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=99.34
- ▶ F105347.dat
- ▶ query=q13934_p1
- ▶ precursor=777.715490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	1554.424	1546.415	0.504	1545.911	S[30]
L[2]	109.579	1510.908	1507.899	0.504	1507.395	L[29]
I[3]	166.121	1454.366	1446.357	0.504	1445.853	I[28]
K[4]	222.663	1397.824	1389.815	1380.319	1389.311	K[27]
A[5]	279.205	1343.777	1335.767	1326.271	1325.264	A[26]
T[6]	335.747	1288.258	1280.249	1270.753	1289.745	T[25]
H[7]	392.289	1247.734	1236.725	1246.226	1236.221	H[24]
A[8]	448.831	1191.192	1183.183	1183.687	1182.679	A[23]
C[9]	505.373	1155.674	1147.665	1148.168	1147.161	C[22]
G[10]	561.915	1107.161	1118.254	1119.859	1118.856	G[21]
G[11]	618.457	1058.652	1050.643	1051.147	1050.139	G[20]
V[12]	674.999	1010.142	1002.132	1002.636	1001.628	V[19]
I[13]	731.541	962.607	1012.599	1013.102	1012.094	I[18]
F[14]	788.083	964.065	958.056	958.560	959.552	F[17]
H[15]	844.625	915.559	907.530	908.034	907.026	H[16]
T[16]	901.167	847.010	839.000	839.504	838.496	T[15]
H[17]	842.007	790.468	782.458	782.962	781.954	H[14]
K[18]	906.054	721.938	713.929	714.433	713.425	K[13]
S[19]	949.570	657.891	649.881	650.385	649.377	S[12]
L[20]	1006.112	614.375	606.365	606.869	605.861	L[11]
T[21]	1062.654	557.833	549.823	550.327	549.319	T[10]
G[22]	1091.165	501.291	493.281	493.785	492.777	G[9]
K[23]	1155.213	472.789	464.779	465.274	464.267	K[8]
K[24]	1219.260	408.733	400.723	401.227	400.219	K[7]
G[25]	1247.771	344.685	336.675	337.179	336.172	G[6]
C[26]	1311.860	318.174	309.163	309.667	308.660	C[5]
Q[27]	1375.829	252.145	244.135	244.639	243.632	Q[4]
K[28]	1487.899	188.116	180.106	180.610	179.602	K[3]
T[29]	1518.414	98.055	88.046	88.550	87.542	T[2]
A[30]	1553.932	45.531	37.522	38.026	37.018	A[1]

sp | Q3THW5 | H2AV_MOUSE

SLIKATIAGGGVIPHIHKSILIGKKGQK Propionyl TA
56.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=99.34
- ▶ F105347.dat
- ▶ query=q13934.p1
- ▶ precursor=777.715490
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	35.693	1036.619	1031.279	0.672	1030.943	S[30]
L	2	73.388	1007.606	1002.266	0.672	1001.933	L[29]
L	3	111.083	989.913	984.574	0.672	984.236	L[28]
K	4	153.781	932.210	926.879	921.215	926.543	K[27]
A	5	177.490	889.520	884.181	884.517	883.876	A[26]
T	6	211.143	865.841	860.502	860.838	860.166	T[25]
H	7	248.837	832.159	826.819	827.155	826.483	H[24]
A	8	272.516	794.464	789.124	789.460	788.797	A[23]
C	9	294.524	770.785	765.445	765.781	765.108	C[22]
Q	10	310.311	751.799	746.438	746.774	746.109	Q[21]
G	11	329.538	732.771	727.431	727.767	727.095	G[20]
V	12	362.561	713.764	708.424	708.760	708.088	V[19]
I	13	400.255	680.741	675.401	675.737	675.065	I[18]
P	14	432.606	643.040	637.700	638.042	637.371	P[17]
H	15	478.293	610.695	605.356	605.691	605.020	H[16]
I	16	515.987	569.909	559.669	560.005	559.333	I[15]
H	17	561.674	527.314	521.975	522.311	521.639	H[14]
K	18	604.372	481.638	476.288	476.624	475.953	K[13]
S	19	633.393	438.930	433.590	433.926	433.254	S[12]
L	20	671.077	409.910	404.579	404.915	404.243	L[11]
L	21	708.772	372.224	366.885	367.221	366.549	L[10]
Q	22	727.779	334.520	329.180	329.526	328.854	Q[9]
K	23	770.478	315.522	310.183	310.519	309.847	K[8]
K	24	813.176	272.824	267.484	267.820	267.148	K[7]
G	25	832.183	230.120	224.786	225.122	224.450	G[6]
Q	26	874.889	211.110	205.779	206.115	205.443	Q[5]
Q	27	917.595	168.412	163.069	163.420	162.753	Q[4]
K	28	918.259	125.746	120.403	120.742	120.071	K[3]
T	29	1012.812	64.372	59.033	59.399	58.697	T[2]
A	30	1036.291	30.690	25.350	25.688	25.014	A[1]

sp | Q3THW5 | H2AV_MOUSE

SLIKATIAGGGVIPHIHKSLIGKKGQK Propionyl TA
56.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=107.91
- ▶ F105347.dat
- ▶ query=q13935.p1
- ▶ precursor=622.374580
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
S	1	105.956	3107.842	3091.823	0.000	3090.815	S	30
L	2	218.150	3030.810	3004.791	0.000	3003.783	L	29
T	3	331.234	2967.725	2991.707	0.000	2990.699	T	28
R	4	459.329	2794.641	2778.623	2779.630	2777.615	R	27
A	5	530.366	2666.546	2650.528	2651.536	2649.520	A	26
T	6	631.414	2505.509	2579.491	2580.498	2578.483	T	25
I	7	744.498	2494.462	2478.443	2479.451	2477.435	I	24
A	8	815.535	2381.379	2365.359	2366.367	2364.351	A	23
C	9	872.556	2310.340	2294.322	2295.330	2293.314	C	22
G	10	939.578	2253.319	2237.300	2238.308	2236.292	G	21
G	11	986.599	2196.298	2180.279	2181.287	2179.271	G	20
V	12	1085.668	2139.276	2123.257	2124.265	2122.250	V	19
I	13	1196.752	2040.208	2024.189	2025.197	2023.181	I	18
P	14	1295.805	1927.124	1911.105	1912.113	1910.097	P	17
H	15	1432.863	1830.071	1814.052	1815.060	1813.044	H	16
T	16	1545.948	1693.012	1678.993	1679.001	1677.985	T	15
H	17	1683.008	1579.928	1563.909	1564.917	1562.901	H	14
K	18	1811.101	1442.868	1426.850	1427.858	1425.842	K	13
S	19	1898.133	1314.774	1298.755	1299.763	1297.747	S	12
L	20	2011.217	1227.742	1211.723	1212.731	1210.715	L	11
I	21	2124.302	1114.650	1098.630	1099.647	1097.631	I	10
G	22	2181.223	1020.574	985.555	986.563	984.547	G	9
R	23	2309.418	944.552	928.533	929.541	927.526	R	8
K	24	2437.513	816.457	800.439	801.446	799.431	K	7
G	25	2494.534	688.361	672.344	673.352	671.336	G	6
Q	26	2622.593	631.341	615.322	616.330	614.314	Q	5
Q	27	2750.652	503.262	487.264	488.271	486.256	Q	4
K	28	2934.773	375.224	359.205	360.213	358.197	K	3
T	29	3035.820	191.103	175.084	176.092	174.076	T	2
A	30	3106.858	90.055	74.036	74.044	73.028	A	1

sp | Q3THW5 | H2AV_MOUSE

SLIKATIAGGGVIPHIHKSLIGKKKGQK Propionyl TA
56.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=107.91
- ▶ F105347.dat
- ▶ query=q13935_p1
- ▶ precursor=622.374580
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	1554.424	1546.415	0.504	1545.011	S[30]
L[2]	109.579	1510.908	1502.899	0.504	1502.395	L[29]
I[3]	166.121	1454.366	1446.357	0.504	1445.053	I[28]
K[4]	222.268	1397.824	1389.815	1380.319	1369.311	K[27]
A[5]	278.407	1343.777	1325.767	1326.271	1325.264	A[26]
T[6]	334.211	1298.258	1290.249	1290.753	1288.745	T[25]
I[7]	372.753	1247.734	1239.725	1240.229	1238.221	I[24]
A[8]	408.271	1191.192	1183.183	1183.687	1182.679	A[23]
C[9]	436.762	1155.674	1147.665	1148.168	1147.161	C[22]
G[10]	465.293	1127.161	1119.154	1119.658	1118.650	G[21]
G[11]	493.803	1098.652	1090.643	1091.147	1089.139	G[20]
V[12]	543.337	1070.142	1062.132	1062.636	1061.628	V[19]
I[13]	599.650	1020.607	1012.598	1013.102	1012.094	I[18]
P[14]	648.406	964.055	958.056	956.560	955.552	P[17]
H[15]	718.935	925.579	907.530	908.034	907.026	H[16]
T[16]	773.477	847.010	839.000	839.504	838.496	T[15]
H[17]	842.007	790.468	782.458	782.962	781.954	H[14]
K[18]	906.054	721.938	713.929	714.433	713.425	K[13]
S[19]	949.570	657.891	649.881	650.385	649.377	S[12]
L[20]	1006.112	614.375	606.365	606.869	605.861	L[11]
I[21]	1062.654	557.833	549.833	550.337	549.330	I[10]
G[22]	1091.165	501.291	493.281	493.785	492.777	G[9]
K[23]	1155.213	472.780	464.779	465.274	464.267	K[8]
K[24]	1219.260	408.732	400.733	401.227	400.219	K[7]
G[25]	1247.771	344.685	336.675	337.179	336.172	G[6]
C[26]	1311.808	318.174	309.165	309.669	308.661	C[5]
G[27]	1375.829	252.145	244.135	244.639	243.631	G[4]
K[28]	1487.890	188.116	180.106	180.610	179.602	K[3]
T[29]	1518.414	98.055	88.046	88.550	87.542	T[2]
A[30]	1553.932	45.531	37.522	38.026	37.018	A[1]

sp | Q3THW5 | H2AV_MOUSE

SLIKATIAGGGVIPHIHKSLIGKKGQK Propionyl TA
56.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=107.91
- ▶ F105347.dat
- ▶ query=q13935.p1
- ▶ precursor=622.374580
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	1036.619	1031.279	0.672	1030.943	S[30]
L[2]	73.388	1007.650	1002.268	0.672	1001.933	L[29]
L[3]	111.083	969.913	964.574	0.672	964.238	L[28]
K[4]	183.781	939.741	926.879	0.672	926.543	K[27]
A[5]	177.490	889.520	884.181	884.517	883.845	A[26]
T[6]	211.143	865.841	860.502	860.838	860.166	T[25]
H[7]	248.837	832.150	826.819	827.155	826.483	H[24]
A[8]	272.516	794.454	789.124	789.460	788.799	A[23]
C[9]	294.524	770.785	765.445	765.781	765.109	C[22]
Q[10]	310.911	751.778	746.438	746.774	746.102	Q[21]
G[11]	329.538	732.771	727.431	727.767	727.095	G[20]
V[12]	362.561	713.764	708.424	708.760	708.088	V[19]
I[13]	400.255	680.741	675.401	675.737	675.065	I[18]
P[14]	432.606	643.046	637.705	638.042	637.371	P[17]
H[15]	478.291	610.695	605.356	605.691	605.020	H[16]
I[16]	515.987	580.900	579.669	580.009	579.331	I[15]
H[17]	561.674	527.314	521.975	522.311	521.630	H[14]
K[18]	604.372	481.620	476.289	476.624	475.953	K[13]
S[19]	633.383	438.930	433.590	433.926	433.254	S[12]
L[20]	671.977	409.910	404.579	404.915	404.243	L[11]
L[21]	708.772	372.224	366.885	367.221	366.549	L[10]
Q[22]	727.779	334.520	329.189	329.526	328.854	Q[9]
K[23]	770.478	315.522	310.183	310.519	309.847	K[8]
K[24]	813.176	272.824	267.484	267.820	267.148	K[7]
G[25]	832.183	230.120	224.786	225.122	224.450	G[6]
Q[26]	874.869	211.110	205.779	206.115	205.443	Q[5]
Q[27]	917.555	168.412	163.093	163.429	162.757	Q[4]
K[28]	916.259	129.746	124.407	124.742	124.071	K[3]
T[29]	1012.612	64.372	59.033	59.369	58.697	T[2]
A[30]	1036.291	30.690	25.350	25.686	25.014	A[1]

sp | Q3THW5 | H2AV_MOUSE

SLIKATIAGGGVIPHIHKSLIGKKGQQK Propionyl TA
56.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=107.91
- ▶ F105347.dat
- ▶ query=q13935_p1
- ▶ precursor=622.374580
- ▶ chargePrecursor=5
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	27.022	777.716	773.711	0.735	773.459	S[30]
L[2]	55.293	755.958	751.953	0.735	751.701	L[29]
I[3]	83.564	727.687	723.682	0.735	723.430	I[28]
K[4]	115.588	699.416	695.411	695.663	695.159	K[27]
A[5]	133.347	667.362	663.357	663.639	663.135	A[26]
T[6]	158.609	649.633	645.628	645.880	645.376	T[25]
I[7]	186.880	624.371	620.366	620.618	620.114	I[24]
A[8]	204.639	596.100	592.095	592.347	591.843	A[23]
G[9]	218.895	578.341	574.336	574.588	574.084	G[22]
G[10]	233.150	564.085	560.081	560.332	559.829	G[21]
G[11]	247.406	549.830	545.825	546.077	545.573	G[20]
V[12]	272.172	535.574	531.570	531.822	531.318	V[19]
I[13]	300.443	510.807	506.803	507.055	506.551	I[18]
F[14]	324.707	482.536	478.532	478.784	478.280	F[17]
H[15]	358.971	458.273	454.268	454.520	454.017	H[16]
I[16]	387.242	424.008	420.004	420.256	419.752	I[15]
H[17]	421.507	395.731	391.723	391.985	391.481	H[14]
K[18]	453.311	361.473	357.468	357.720	357.216	K[13]
S[19]	475.289	329.449	325.444	325.696	325.192	S[12]
L[20]	503.560	307.691	303.686	303.938	303.434	L[11]
I[21]	531.831	279.420	275.415	275.667	275.163	I[10]
G[22]	546.086	251.149	247.144	247.396	246.892	G[9]
K[23]	578.110	236.894	232.889	233.141	232.637	K[8]
K[24]	610.134	204.870	200.865	201.117	200.613	K[7]
G[25]	624.389	172.846	168.841	169.093	168.589	G[6]
G[26]	656.404	158.391	154.386	154.638	154.134	G[5]
Q[27]	688.418	126.376	122.371	122.623	122.119	Q[4]
K[28]	734.449	94.361	90.357	90.609	90.105	K[3]
T[29]	750.711	48.531	44.526	44.778	44.274	T[2]
A[30]	777.470	23.269	19.265	19.516	19.013	A[1]

sp | P43276 | H15_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEKS^{Phospho} PAKKK^{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.85
- ▶ F105352.dat
- ▶ query=q10141_p1
- ▶ precursor=612.776040
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	185.032	2448.086	2442.067	0.000	2431.050	S[22]
E	2	314.075	2281.082	2285.069	0.000	2264.061	E[21]
T	3	495.089	2152.045	2136.026	0.000	2135.010	T[20]
A	4	566.126	1971.031	1955.012	0.000	1954.005	A[19]
P	5	663.179	1899.964	1883.975	0.000	1882.967	P[18]
A	6	734.216	1802.941	1786.922	0.000	1785.915	A[17]
E	7	863.258	1731.904	1715.885	0.000	1714.878	E[16]
T	8	964.306	1602.861	1586.843	0.000	1585.835	T[15]
A	9	1035.343	1501.814	1485.795	0.000	1484.787	A[14]
A	10	1106.880	1430.777	1414.758	0.000	1413.750	A[13]
P	11	1203.433	1359.740	1343.721	0.000	1342.713	P[12]
A	12	1274.470	1262.687	1246.668	0.000	1245.660	A[11]
P	13	1371.523	1191.650	1175.631	0.000	1174.623	P[10]
V	14	1478.591	1124.597	1078.578	0.000	1077.570	V[9]
E	15	1509.634	995.529	979.510	0.000	978.502	E[8]
K	16	1727.729	896.485	850.467	851.475	849.459	K[7]
S	17	1894.727	738.391	722.372	723.380	721.364	S[0]
P	18	1991.780	571.393	555.374	556.382	554.366	P[5]
A	19	2062.817	474.340	458.321	459.329	457.313	A[4]
K	20	2190.912	403.303	387.284	388.292	386.276	K[3]
K	21	2319.007	275.208	259.189	260.197	258.181	K[2]
K	22	2447.102	147.111	131.094	132.102	130.085	K[1]

sp | P43276 | H15_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEKS^{Phospho} PAKKK^{Phospho} 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.85
- ▶ F105352.dat
- ▶ query=q10141_p1
- ▶ precursor=612.776040
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	1224.547	1216.537	0.504	1216.033	S[2]
E[2]	157.541	1141.047	1133.038	0.504	1132.534	E[2]
T[3]	248.048	1076.526	1068.517	0.504	1068.013	T[20]
A[4]	283.567	986.019	978.010	0.504	977.506	A[19]
P[5]	332.093	920.501	942.491	0.504	941.987	P[18]
A[6]	367.612	901.974	893.965	0.504	893.461	A[17]
E[7]	432.133	866.455	858.446	0.504	857.942	E[10]
T[8]	492.857	801.934	793.925	0.504	793.421	T[15]
A[9]	518.175	751.411	743.401	0.504	742.897	A[14]
A[10]	553.694	715.892	707.883	0.504	707.379	A[13]
P[11]	602.220	680.373	672.364	0.504	671.860	P[12]
A[12]	637.739	631.847	623.838	0.504	623.334	A[11]
P[13]	686.265	596.328	588.319	0.504	587.815	P[10]
V[14]	735.799	547.802	539.793	0.504	539.289	V[0]
E[15]	800.321	498.255	490.250	0.504	489.745	E[9]
K[16]	864.368	433.747	425.737	426.241	425.233	K[7]
S[17]	947.867	369.699	361.690	362.194	361.186	S[0]
P[18]	996.394	286.200	278.191	279.694	277.687	P[5]
A[19]	1031.912	237.674	229.664	230.168	229.160	A[4]
K[20]	1095.960	202.155	194.146	194.650	193.642	K[3]
K[21]	1160.007	138.108	130.098	130.602	129.594	K[2]
K[22]	1224.055	74.080	66.071	66.575	65.547	K[1]

sp | P43276 | H15_MOUSE

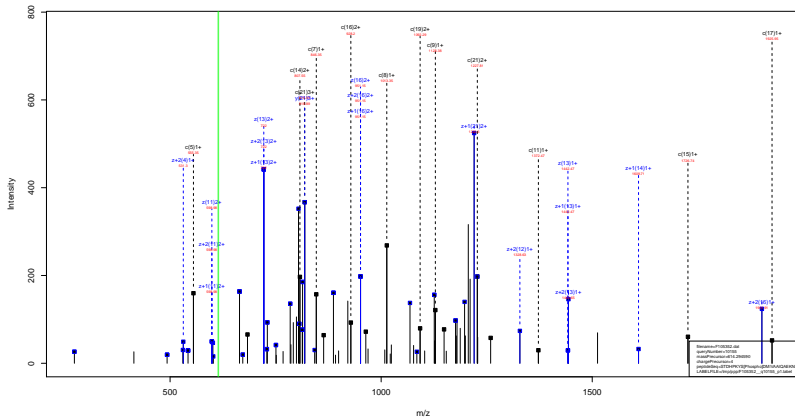
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEKS^{Phospho} PAKKK^{79.97}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=32.85
- ▶ F105352.dat
- ▶ query=q10141.p1
- ▶ precursor=612.776040
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	62.949	816.700	811.361	0.672	811.025	S[22]
E[2]	109.363	761.034	755.695	0.672	755.359	E[21]
T[3]	165.701	718.020	712.680	0.672	712.344	T[20]
A[4]	189.380	657.862	652.522	0.672	652.006	A[19]
P[5]	221.731	634.003	628.663	0.672	628.327	P[18]
A[6]	245.410	601.052	596.312	0.672	595.976	A[17]
E[7]	288.424	577.973	572.633	0.672	572.297	E[16]
T[8]	322.107	534.950	529.610	0.672	529.273	T[15]
A[9]	345.786	501.276	495.937	0.672	495.601	A[14]
A[10]	369.465	477.597	472.258	0.672	471.922	A[13]
P[11]	401.816	453.918	448.578	0.672	448.243	P[12]
A[12]	425.495	421.567	416.228	0.672	415.892	A[11]
P[13]	457.846	397.888	392.549	0.672	392.213	P[10]
V[14]	490.869	365.537	360.198	0.672	359.862	V[9]
E[15]	533.883	332.514	327.175	0.672	326.839	E[8]
K[16]	578.561	299.500	294.161	294.497	293.825	K[7]
S[17]	632.247	266.802	241.463	241.798	241.126	S[6]
P[18]	664.598	191.130	185.790	185.132	185.460	P[3]
A[19]	698.277	158.785	153.445	153.781	153.109	A[4]
K[20]	730.976	135.105	129.766	130.102	129.430	K[3]
K[21]	773.674	92.407	87.068	87.404	86.732	K[2]
K[22]	816.372	49.700	44.370	44.705	44.034	K[1]

sp | P10922 | H10_MOUSE

STDHPKYS ^{Phospho} DMIVAAIQAEKNR
79.97



sp | P10922 | H10_MOUSE

STDHPKYS ^{Phospho} 79.97 DMIVAAIQAEKNR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.26
- ▶ F105352.dat
- ▶ query=q10155_p1
- ▶ precursor=614.294590
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	2454.148	2438.130	0.000	2437.122	S[21]
Y[2]	206.114	2307.116	2351.090	0.000	2350.090	Y[20]
D[3]	321.140	2386.069	2250.050	0.000	2249.042	D[19]
H[4]	438.199	2131.042	2138.023	0.000	2134.015	H[18]
F[5]	555.252	2013.083	1997.064	0.000	1995.956	F[17]
K[6]	663.347	1936.930	1900.911	1901.910	1899.903	K[16]
Y[7]	846.410	1780.835	1772.810	1773.824	1771.808	Y[15]
S[8]	1013.409	1625.772	1609.753	1610.761	1608.749	S[14]
D[9]	1128.436	1438.773	1442.755	1443.762	1441.747	D[13]
H[10]	1259.476	1343.746	1327.728	1328.735	1326.720	H[12]
I[11]	1372.560	1232.705	1195.657	1197.695	1195.678	I[11]
V[12]	1471.629	1099.622	1083.603	1084.611	1082.595	V[10]
A[13]	1542.696	1000.553	984.535	985.543	983.527	A[9]
A[14]	1613.763	920.516	913.498	914.505	912.490	A[8]
T[15]	1726.787	838.479	842.460	843.468	841.451	T[7]
Q[16]	1854.849	748.395	725.376	730.384	728.369	Q[6]
A[17]	1925.883	617.337	601.318	602.326	600.310	A[5]
E[18]	2054.925	546.299	530.281	531.289	529.273	E[4]
K[19]	2183.020	417.257	401.239	402.246	400.230	K[3]
N[20]	2297.063	289.162	273.143	274.151	272.135	N[2]
R[21]	2453.184	178.119	159.100	160.108	158.092	R[1]

sp | P10922 | H10_MOUSE

STDHPKYS ^{Phospho} 79.97 DMIVAAIQAEKNR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.26
- ▶ F105352.dat
- ▶ query=q10155_p1
- ▶ precursor=614.294590
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	53.037	1227.578	1219.568	0.504	1219.065	S(2)
T	2	103.560	1184.962	1176.052	0.504	1175.549	T(2)
D	3	161.074	1133.530	1125.529	0.504	1125.025	D(3)
W	4	220.603	1079.024	1068.015	0.504	1067.511	W(4)
P	5	278.130	1027.495	999.488	0.504	998.982	P(5)
K	6	342.177	958.969	950.959	951.463	950.455	K(6)
Y	7	423.709	894.921	886.912	887.416	886.408	Y(5)
S	8	507.208	813.389	805.380	805.884	804.876	S(4)
D	9	564.722	729.890	721.881	722.385	721.377	D(3)
T	10	639.242	672.377	664.367	664.871	663.864	T(2)
I	11	688.784	600.857	598.847	599.351	598.343	I(1)
V	12	736.318	550.315	542.305	542.809	541.801	V(10)
A	13	771.837	500.786	492.771	493.275	492.267	A(0)
A	14	807.355	465.262	457.252	457.756	456.749	A(8)
I	15	863.897	420.743	421.734	422.238	421.230	I(7)
Q	16	927.926	373.200	365.192	365.696	364.688	Q(6)
A	17	963.445	309.172	301.163	301.666	300.659	A(5)
E	18	1027.966	273.653	265.644	266.148	265.140	E(4)
K	19	1092.014	209.132	201.123	201.627	200.619	K(3)
N	20	1149.035	145.085	137.075	137.579	136.571	N(2)
R	21	1227.086	88.063	80.054	80.558	79.550	R(1)

sp | P10922 | H10_MOUSE

STDHPKYS ^{Phospho} 79.97 DMIVAAIQAEKNR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=72.26
- ▶ F105352.dat
- ▶ query=q10155_p1
- ▶ precursor=614.294590
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	818.721	813.381	0.672	813.045	S[21]
T[2]	69.376	769.710	784.371	0.672	784.035	T[20]
D[3]	107.718	756.028	750.688	0.672	750.352	D[19]
H[4]	153.405	717.685	712.346	0.672	712.010	H[18]
P[5]	185.756	671.999	666.660	0.672	666.324	P[17]
K[6]	228.494	639.648	634.309	0.672	633.973	K[16]
Y[7]	282.808	596.950	591.610	0.672	591.274	Y[15]
S[8]	338.474	542.595	537.256	0.672	536.920	S[14]
D[9]	376.817	486.929	481.590	0.672	481.254	D[13]
M[10]	430.897	448.567	443.227	0.672	442.891	M[12]
I[11]	458.192	404.907	399.567	0.672	399.231	I[11]
V[12]	491.214	367.212	361.873	0.672	361.537	V[10]
A[13]	514.893	334.189	328.850	0.672	328.514	A[9]
A[14]	538.572	310.510	305.171	0.672	304.835	A[8]
I[15]	576.267	268.831	263.492	0.672	263.156	I[7]
Q[16]	618.953	249.131	243.792	0.672	243.456	Q[6]
A[17]	642.632	206.450	201.111	0.672	200.775	A[5]
E[18]	685.647	182.771	177.432	0.672	177.096	E[4]
K[19]	728.345	139.751	134.412	0.672	134.076	K[3]
N[20]	766.359	97.059	91.720	0.672	91.384	N[2]
R[21]	818.393	59.045	53.706	0.672	53.370	R[1]

sp | P10922 | H10_MOUSE

KSTDHPKYS ^{Phospho}_{79.97} DMIVAAIQAEKNR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.03
- ▶ F105352.dat
- ▶ query=q10373_p1
- ▶ precursor=646.318530
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
R	146.129	2582.243	2566.235	2567.232	2565.217	R[22]
S	213.164	2494.148	2438.133	2439.137	2437.122	S[21]
T	334.208	2367.136	2361.088	2352.106	2360.090	T[20]
D	449.235	2268.065	2250.050	2251.058	2249.043	D[19]
H	586.204	2151.042	2135.023	2136.031	2134.015	H[18]
F	683.347	2013.983	1997.964	1998.972	1996.956	F[17]
K	811.442	1916.930	1900.911	1901.919	1899.903	K[16]
Y	974.505	1788.835	1772.816	1773.824	1771.808	Y[15]
S	1141.504	1625.722	1609.703	1610.701	1608.685	S[14]
D	1256.531	1458.773	1442.755	1443.762	1441.747	D[13]
M	1387.571	1343.746	1327.728	1328.735	1326.720	M[12]
I	1500.655	1212.706	1196.687	1197.695	1195.679	I[11]
V	1599.724	1099.542	1083.523	1084.511	1082.505	V[10]
A	1670.761	1000.583	984.535	985.543	983.527	A[9]
A	1741.798	929.518	913.489	914.505	912.490	A[8]
I	1854.682	858.479	842.460	843.468	841.453	I[7]
Q	1682.941	745.395	729.376	730.384	728.369	Q[6]
A	2033.076	617.337	601.318	602.326	600.310	A[5]
E	2183.009	546.299	530.281	531.289	529.273	E[4]
K	2311.115	417.267	401.238	402.246	400.230	K[3]
N	2426.158	289.162	273.143	274.151	272.135	N[2]
R	2581.259	175.119	159.100	160.108	158.092	R[1]

sp | P10922 | H10_MOUSE

KSTDHPKYS ^{Phospho}_{79.97} DMIVAAIQAEKNR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.03
- ▶ F105352.dat
- ▶ query=q10373_p1
- ▶ precursor=646.318530
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z=1	z=2	z	AA
R	1	73.568	1291.625	1283.616	1284.120	1283.112	R[2]
S	2	117.084	1127.378	1219.568	1220.072	1218.065	S[2]
T	3	109.608	1184.062	1176.052	1176.556	1175.549	T[2]
D	4	225.121	1133.558	1125.529	1126.032	1125.025	D[10]
H	5	293.651	1076.024	1068.015	1068.519	1067.511	H[18]
F	6	342.177	1007.495	999.488	999.990	998.982	F[17]
K	7	408.225	958.969	950.959	951.463	950.455	K[16]
Y	8	487.756	894.921	886.912	887.416	886.408	Y[15]
S	9	571.256	813.389	805.380	805.884	804.876	S[14]
D	10	638.769	729.890	721.881	722.385	721.377	D[13]
M	11	694.289	672.371	664.367	664.871	663.864	M[12]
I	12	750.831	606.852	598.847	599.351	598.343	I[11]
V	13	800.365	550.315	542.307	542.809	541.801	V[10]
A	14	835.884	500.305	492.297	492.799	491.791	A[9]
A	15	871.403	465.262	457.252	457.756	456.748	A[8]
I	16	927.945	429.743	421.734	422.238	421.230	I[7]
Q	17	991.974	375.201	367.192	367.696	366.688	Q[6]
A	18	1027.492	329.172	321.163	321.666	320.658	A[5]
E	19	1092.014	273.653	265.644	266.148	265.140	E[4]
K	20	1156.061	209.132	201.123	201.627	200.619	K[3]
N	21	1213.083	145.085	137.075	137.579	136.571	N[2]
R	22	1291.133	88.063	80.054	80.558	79.550	R[1]

sp | P10922 | H10_MOUSE

KSTDHPKYS ^{Phospho}_{79.97} DMIVAAIQAEKNR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=57.03
- ▶ F105352.dat
- ▶ query=q10373.p1
- ▶ precursor=646.318530
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	49.381	861.419	856.080	856.416	855.744	K[22]
S[2]	78.392	818.721	813.381	813.717	813.045	S[21]
T[3]	112.074	789.710	784.371	784.707	784.035	T[20]
D[4]	150.417	756.028	750.688	751.024	750.352	D[19]
H[5]	196.103	717.885	712.346	712.682	712.010	H[18]
K[6]	228.454	671.999	666.660	666.995	666.324	K[17]
K[7]	271.332	639.846	634.509	634.843	633.973	K[16]
V[8]	325.507	598.950	593.610	593.946	593.274	V[15]
S[9]	381.173	542.985	537.256	537.592	536.920	S[14]
D[10]	419.515	486.929	481.590	481.926	481.254	D[13]
M[11]	463.195	448.587	443.247	443.583	442.911	M[12]
I[12]	500.890	404.907	399.567	399.903	399.231	I[11]
V[13]	533.913	367.212	361.873	362.208	361.537	V[10]
A[14]	557.592	334.189	328.850	329.186	328.514	A[9]
A[15]	581.271	310.510	305.171	305.507	304.835	A[8]
T[16]	618.966	268.833	263.493	263.828	263.156	T[7]
Q[17]	661.657	249.137	243.797	244.133	243.461	Q[6]
A[18]	685.331	206.450	201.111	201.447	200.775	A[5]
E[19]	728.345	182.771	177.432	177.768	177.096	E[4]
K[20]	771.043	139.757	134.418	134.753	134.082	K[3]
N[21]	809.058	97.059	91.719	92.055	91.383	N[2]
R[22]	861.091	59.045	53.705	54.041	53.369	R[1]

sp | P70696 | H2B1A_MOUSE

HAVS ^{Phospho}EGTK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.87
- ▶ F105352.dat
- ▶ query=q1427_p1
- ▶ precursor=454.697400
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
H 1	155.093	908.387	892.369	0.000	891.361	H 8
A 2	226.130	771.328	755.310	0.000	754.302	A 7
V 3	325.198	700.291	684.273	0.000	683.265	V 6
S 4	492.197	601.223	585.204	0.000	584.196	S 5
E 5	621.239	434.225	418.206	0.000	417.198	E 4
G 6	678.261	305.182	289.163	0.000	288.155	G 3
T 7	779.308	248.160	232.142	0.000	231.134	T 2
K 8	907.403	147.113	131.094	132.102	130.086	K 1

sp | P70696 | H2B1A_MOUSE

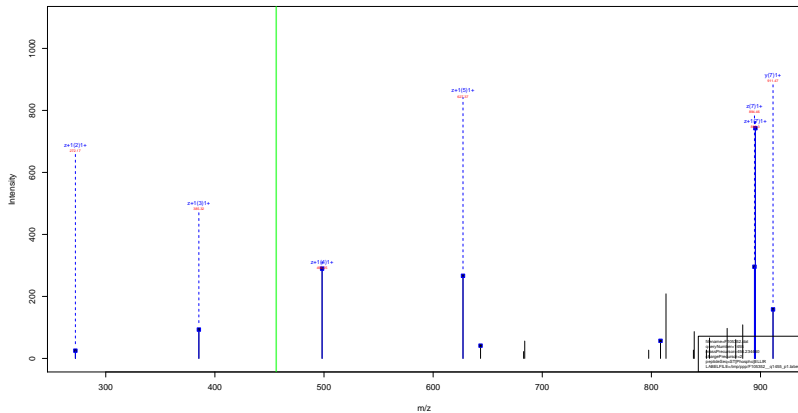
HAVS ^{Phospho}EGTK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=29.02
- ▶ F105352.dat
- ▶ query=q1428_p1
- ▶ precursor=454.697410
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
H 1	155.093	908.387	892.369	0.000	891.361	H 8
A 2	226.130	771.328	755.310	0.000	754.302	A 7
V 3	325.198	700.291	684.273	0.000	683.265	V 6
S 4	492.197	601.223	585.204	0.000	584.196	S 5
E 5	621.239	434.225	418.206	0.000	417.198	E 4
G 6	678.261	305.182	289.163	0.000	288.155	G 3
T 7	779.308	248.160	232.142	0.000	231.134	T 2
K 8	907.403	147.113	131.094	132.102	130.086	K 1

sp | P68433 | H31_MOUSE

ST^(Phospho) ELLIR
(79.97)



sp | P68433 | H31_MOUSE

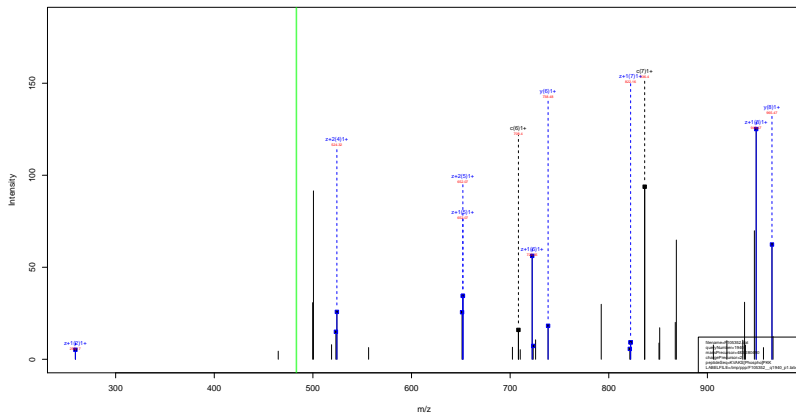
ST^(Phospho)_(79.97) ELLIR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.06
- ▶ F105352.dat
- ▶ query=q1455_p1
- ▶ precursor=456.234460
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	911.460	895.441	0.000	894.433	S[7]
T[2]	206.080	824.428	808.409	0.000	807.401	T[6]
E[3]	413.122	643.414	627.395	0.000	626.387	E[5]
L[4]	520.207	514.371	498.352	0.000	497.345	L[4]
L[5]	641.291	601.287	385.268	0.000	384.261	L[3]
I[6]	754.375	388.203	272.184	0.000	271.176	I[2]
R[7]	910.476	175.119	159.100	160.108	158.092	R[1]

sp | P15864 | H12_MOUSE

KVAKS^{Phospho} PKK
79.97



sp | P15864 | H12_MOUSE

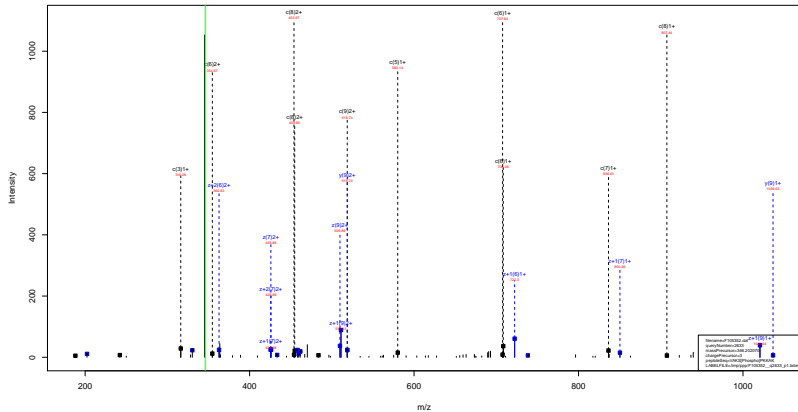
KVAKS^{Phospho} PKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.74
- ▶ F105352.dat
- ▶ query=q1940_p1
- ▶ precursor=483.280490
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R[1]	146.129	965.554	949.536	990.943	948.528	R[8]
V[2]	245.197	837.459	821.441	822.448	800.433	V[7]
A[3]	316.234	738.391	722.372	723.380	721.364	A[6]
K[4]	444.329	667.354	651.335	652.343	650.327	K[5]
S[5]	611.328	639.250	523.240	524.248	522.232	S[4]
P[6]	708.380	372.261	356.242	357.250	355.234	P[3]
K[7]	836.475	275.208	259.189	260.197	258.181	K[2]
K[8]	964.570	147.113	131.094	132.102	130.086	K[1]

sp | P15864 | H12_MOUSE

VAKS Phospho PKKAK
79.97



sp | P15864 | H12_MOUSE

VAKS ^{Phospho} PKKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=24.77
- ▶ F105352.dat
- ▶ query=q2633.p1
- ▶ precursor=346.202070
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
V	117.102	1036.591	1020.573	0.000	1019.565	V
A	186.139	937.523	921.504	0.000	920.496	A
K	316.234	896.480	858.467	851.475	849.439	K
S	483.233	738.391	722.372	723.390	721.393	S
P	580.285	671.302	595.374	596.382	554.308	P
K	708.380	474.340	458.321	459.329	457.319	K
K	836.475	346.245	330.226	331.234	329.218	K
A	907.512	218.150	202.131	203.139	201.123	A
K	1035.607	147.113	131.094	132.102	130.088	K

sp | P15864 | H12_MOUSE

VAKS ^{Phospho} PKKAK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=24.77
- ▶ F105352.dat
- ▶ query=q2633_p1
- ▶ precursor=346.202070
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
V[1]	59.050	518.799	510.790	0.504	510.286	V[9]
A[2]	84.573	569.265	461.256	0.504	460.752	A[8]
K[3]	138.621	433.741	425.737	426.241	425.233	K[1]
S[4]	242.120	369.699	361.690	362.194	361.186	S[6]
P[5]	260.546	286.200	278.191	278.694	277.687	P[9]
K[6]	354.694	237.674	229.664	230.168	229.160	K[4]
K[7]	418.741	173.626	165.617	166.121	165.113	K[3]
A[8]	454.260	109.579	101.569	102.073	101.065	A[2]
K[9]	518.307	74.060	66.051	66.555	65.547	K[1]

sp | P27661 | H2AX_MOUSE

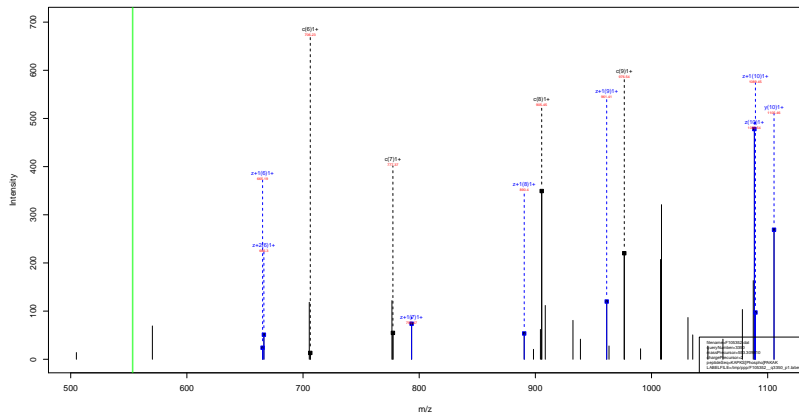
KAS^{Phospho} QASQEY
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.63
- ▶ F105352.dat
- ▶ query=q3200.p1
- ▶ precursor=546.223980
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
K	1	140.129	1091.440	1075.422	1076.430	1074.414	K[6]
A	2	217.166	963.340	947.327	948.335	946.319	A[8]
S	3	381.164	892.308	876.290	877.298	875.282	S[7]
Q	4	512.223	728.310	709.291	710.299	708.283	Q[6]
A	5	583.260	597.251	581.233	582.241	580.225	A[5]
S	6	670.292	528.214	510.196	511.203	509.188	S[4]
Q	7	798.351	439.182	423.164	424.171	422.156	Q[3]
E	8	927.393	311.124	295.105	296.113	294.097	E[2]
Y	9	1090.456	182.081	166.062	167.070	165.053	Y[1]

sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAKAK
79.97



sp | P43274 | H14_MOUSE

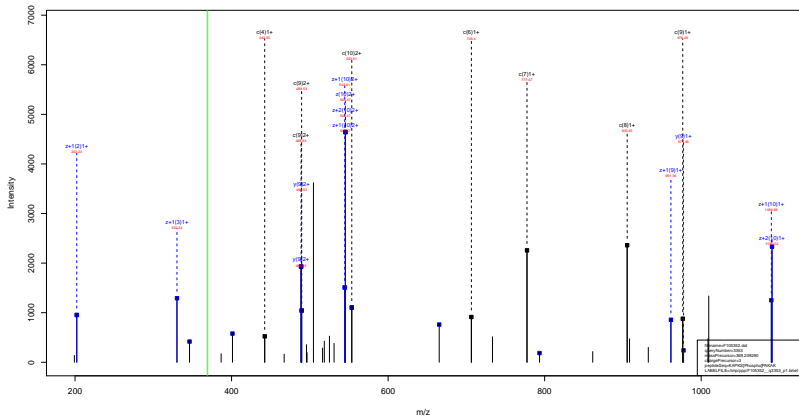
KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=25.58
- ▶ F105352.dat
- ▶ query=q3350_p1
- ▶ precursor=553.309810
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	p	s+1	s+2	s	AA
R 1	148.129	1105.613	1089.594	1099.602	1088.595	R[10]
A 2	217.106	377.519	961.499	962.507	960.481	A[9]
P 3	314.219	906.481	890.462	891.470	889.454	P[8]
K 4	442.314	809.428	793.409	794.417	792.402	K[7]
S 5	609.312	691.333	665.314	666.322	664.307	S[6]
P 6	706.365	514.335	498.316	499.324	497.308	P[5]
A 7	772.462	417.262	403.263	402.271	400.255	A[4]
K 8	905.497	348.245	339.239	331.234	329.218	K[3]
A 9	976.534	218.150	202.131	203.139	201.123	A[2]
R[10]	1104.629	147.113	131.094	132.102	130.088	R[1]

sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAKAK
79.97



sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.58
- ▶ F105352.dat
- ▶ query=q3353_p1
- ▶ precursor=369.209290
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K	148.126	1105.613	1089.594	1090.602	1088.588	K
A	217.106	977.518	961.499	962.507	960.491	A
P	314.219	906.481	900.462	891.470	889.454	P
K	442.314	809.428	793.409	794.417	792.402	K
S	609.312	681.333	665.314	666.322	664.307	S
P	706.365	514.335	498.318	499.324	497.309	P
A	777.402	417.289	401.263	402.271	400.255	A
K	905.497	346.245	330.226	331.234	329.218	K
A	976.534	218.150	202.131	203.139	201.123	A
K	1104.629	147.113	131.094	132.102	130.086	K

sp | P43274 | H14_MOUSE

KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.58
- ▶ F105352.dat
- ▶ query=q3353_p1
- ▶ precursor=369.209290
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R[1]	73.568	553.310	545.301	545.805	544.797	R[10]
A[2]	109.087	409.763	481.253	481.757	480.749	A[9]
P[3]	157.613	453.744	445.735	446.239	445.231	P[8]
K[4]	221.660	405.218	397.209	397.712	396.704	K[7]
S[5]	305.160	341.170	333.161	333.665	332.657	S[6]
P[6]	353.686	257.671	249.662	250.166	249.158	P[5]
A[7]	389.205	209.145	201.135	201.639	200.631	A[4]
K[8]	433.252	173.626	165.617	166.121	165.113	K[3]
A[9]	488.771	109.579	101.569	102.073	101.065	A[2]
R[10]	552.818	74.060	66.051	66.555	65.547	R[1]

sp | Q64525 | H2B2B_MOUSE

PDPAKS^{Phospho} APAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.27
- ▶ F105352.dat
- ▶ query=q3878_p1
- ▶ precursor=579.781410
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P 1	115.087	1158.555	1142.537	0.000	1141.529	P 11
D 2	230.114	1061.503	1045.484	0.000	1044.476	D 10
P 3	327.166	946.476	930.457	0.000	929.449	P 9
A 4	398.203	849.422	833.404	0.000	832.396	A 8
K 5	509.268	778.388	762.367	763.375	761.359	K 7
S 6	653.297	650.291	634.272	635.280	633.264	S 6
A 7	704.334	483.293	467.274	468.282	466.266	A 5
F 8	861.387	412.250	396.237	397.245	395.229	F 4
A 9	932.424	315.203	299.184	300.192	298.176	A 3
P 10	1029.476	244.166	228.147	229.155	227.139	P 2
R 11	1197.511	141.110	131.094	132.102	130.086	R 1

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRST^{Phospho} PAKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.91
- ▶ F105352.dat
- ▶ query=q4738_p1
- ▶ precursor=416.199400
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	2248.583	1230.564	0.000	1229.556	P[11]
E[2]	244.129	1149.530	1133.511	0.000	1132.503	E[10]
P[3]	341.182	1020.487	1004.469	0.000	1003.461	P[0]
S[4]	428.214	923.435	907.418	0.000	906.408	S[6]
H[5]	584.115	836.483	820.384	821.392	819.376	H[7]
S[6]	671.347	680.301	664.283	665.291	663.275	S[0]
T[7]	852.301	593.269	577.251	578.259	576.243	T[5]
P[8]	949.414	412.255	396.237	397.245	395.229	P[4]
A[9]	1020.451	315.203	299.184	300.192	298.176	A[3]
P[10]	1117.504	244.166	228.147	229.155	227.139	P[2]
K[11]	1248.599	147.113	131.094	132.102	130.086	K[1]

sp | Q9D2U9 | H2B3A_MOUSE

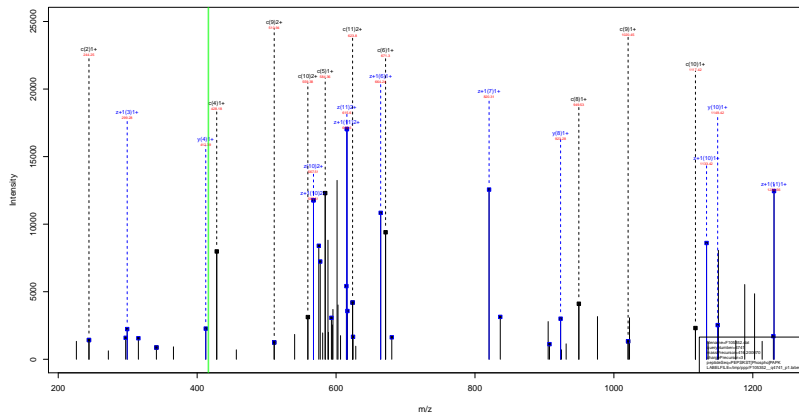
PEPSRST^{Phospho} PAKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.91
- ▶ F105352.dat
- ▶ query=q4738_p1
- ▶ precursor=416.199400
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	623.795	615.786	0.504	615.282	P[11]
E[2]	122.568	575.269	567.259	0.504	566.755	E[10]
P[3]	171.099	510.747	502.738	0.504	502.234	P[9]
S[4]	218.611	462.221	454.212	0.504	453.708	S[8]
R[5]	262.061	418.705	410.696	411.199	410.192	R[7]
S[6]	336.177	340.654	332.645	333.149	332.141	S[6]
Y[7]	426.684	297.138	289.129	289.633	288.625	Y[5]
P[8]	475.211	206.631	198.622	199.126	198.118	P[4]
A[9]	510.729	158.105	150.096	150.600	149.592	A[3]
P[10]	559.256	122.586	114.577	115.081	114.073	P[2]
K[11]	623.303	74.060	66.051	66.555	65.547	K[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRST Phospho PAK
79.97



sp | Q9D2U9 | H2B3A_MOUSE

PEPSRST^{Phospho} PAKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.54
- ▶ F105352.dat
- ▶ query=q4741_p1
- ▶ precursor=416.200070
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	2248.583	1230.564	0.000	1229.556	P[11]
E[2]	244.129	1149.530	1133.511	0.000	1132.503	E[10]
P[3]	341.182	1020.487	1004.469	0.000	1003.461	P[0]
S[4]	428.214	923.435	907.416	0.000	906.408	S[6]
H[5]	584.315	836.483	820.304	821.392	819.376	H[7]
S[6]	671.347	680.301	664.283	665.291	663.275	S[0]
T[7]	852.301	593.269	577.251	578.259	576.243	T[5]
P[8]	949.414	412.255	396.237	397.245	395.229	P[4]
A[9]	1020.451	315.203	299.184	300.192	298.176	A[3]
P[10]	1117.504	244.166	228.147	229.155	227.139	P[2]
K[11]	1245.399	147.113	131.094	132.102	130.086	K[1]

sp | Q9D2U9 | H2B3A_MOUSE

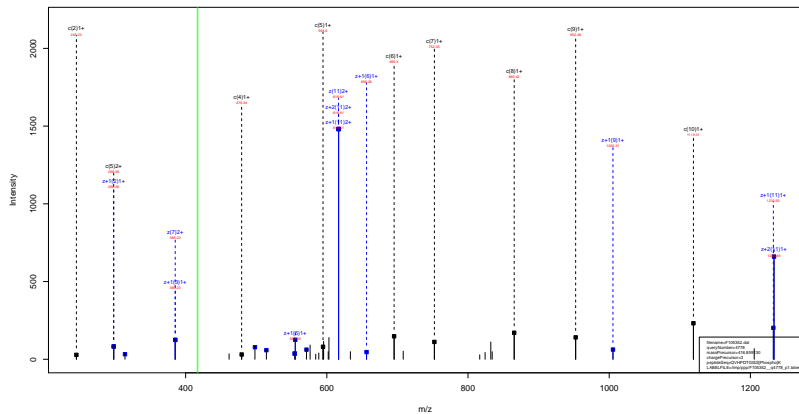
PEPSRST^{Phospho} PAKP
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.54
- ▶ F105352.dat
- ▶ query=q4741_p1
- ▶ precursor=416.200070
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
P	1	58.047	623.795	615.786	0.504	615.282	P[11]
E	2	122.568	575.269	567.259	0.504	566.755	E[10]
P	3	171.099	510.747	502.738	0.504	502.234	P[9]
S	4	218.611	462.221	454.212	0.504	453.708	S[8]
R	5	262.661	418.705	410.696	411.199	410.192	R[7]
S	6	336.177	340.654	332.645	333.149	332.141	S[6]
Y	7	426.684	297.138	289.129	289.633	288.625	Y[5]
P	8	475.211	206.631	198.622	199.126	198.118	P[4]
A	9	510.729	158.105	150.096	150.600	149.592	A[3]
P	10	559.256	122.586	114.577	115.081	114.073	P[2]
K	11	623.303	74.060	66.051	66.555	65.547	K[1]

sp | P70696 | H2B1A_MOUSE

QVHPDTGISS Phospho K
79.97



sp | P70696 | H2B1A_MOUSE

QVHPDTGISS Phospho K
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.11
- ▶ F105352.dat
- ▶ query=q4778_p1
- ▶ precursor=416.859130
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
Q[1]	146.092	1348.562	1232.543	1233.551	1231.535	Q[11]
V[2]	245.161	1120.503	1104.485	1105.493	1103.477	V[10]
H[3]	382.220	1021.435	1005.416	1006.424	1004.408	H[9]
F[4]	479.272	884.376	868.357	869.365	867.350	F[8]
D[5]	594.299	787.323	771.305	772.312	770.297	D[7]
Y[6]	695.347	672.266	656.278	657.285	655.270	Y[6]
G[7]	752.369	571.249	555.230	556.238	554.222	G[5]
I[8]	865.453	514.227	498.209	499.216	497.203	I[4]
S[9]	952.485	401.143	385.124	386.132	384.117	S[3]
S[10]	1119.483	314.111	298.092	299.100	297.085	S[2]
K[11]	1247.578	147.113	131.094	132.102	130.088	K[1]

sp | P70696 | H2B1A_MOUSE

QVHPDTGISS Phospho K
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.11
- ▶ F105352.dat
- ▶ query=q4778.p1
- ▶ precursor=416.859130
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
Q	[1]	73.550	624.785	616.775	617.279	616.271	Q[11]
V	[2]	123.084	560.755	652.746	553.250	552.242	V[10]
H	[3]	191.614	511.221	503.212	303.716	302.708	H[9]
T	[4]	339.340	432.692	434.683	435.135	434.128	T[8]
D	[5]	297.653	394.165	395.156	395.650	385.652	D[7]
T	[6]	340.177	336.652	328.642	329.146	328.139	T[6]
G	[7]	376.688	286.128	278.119	278.623	277.615	G[5]
I	[8]	433.230	257.637	249.608	250.112	249.104	I[4]
S	[9]	476.746	201.075	193.066	193.570	192.562	S[3]
S	[10]	560.245	157.559	149.550	150.054	149.046	S[2]
K	[11]	624.293	74.060	66.051	66.555	65.547	K[1]

sp | P62806 | H4_MOUSE

IS^{Phospho}
79.97 GLIYEETR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.28
- ▶ F105352.dat
- ▶ query=q4896_p1
- ▶ precursor=630.797710
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
I[1]	131.118	1260.587	1244.588	0.000	1243.561	I[10]
S[2]	298.116	1147.503	1131.484	0.000	1130.477	S[9]
G[3]	358.118	980.505	964.486	0.000	963.478	G[8]
L[4]	468.222	923.483	907.465	0.000	906.457	L[7]
I[5]	581.306	810.399	794.380	0.000	793.373	I[6]
Y[6]	744.389	697.315	681.296	0.000	680.289	Y[5]
E[7]	873.412	594.252	578.233	0.000	577.225	E[4]
T[8]	1002.454	499.209	388.191	0.000	388.183	T[3]
V[9]	1103.502	276.167	260.148	0.000	259.140	V[2]
R[10]	1259.603	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

YQKST^{Phospho} ELLIR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.81
- ▶ F105352.dat
- ▶ query=q5617.p1
- ▶ precursor=444.229960
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z	AA			
V D	181.097	13.30.877	234.895	0.000	1313.050	V10	
Q 2	309.156	1797.013	1151.595	1152.602	1024.544	1022.528	Q10
K 3	437.251	1039.555	1021.536				K8
S 4	524.283	911.460	895.441	896.449	804.417	804.413	S7
T 5	705.297	824.428	808.409		809.417	807.401	T6
E 6	834.339	643.414	627.395	628.403	626.387		E5
L 7	947.423	514.371	498.352	499.360	497.345		L4
L 8	1060.507	401.287	385.260	386.278	384.261		L3
I 9	1173.592	288.203	272.184	273.192	271.176		I2
R10	1329.693	175.119	159.100	160.108	158.092		R1

sp | P68433 | H31_MOUSE

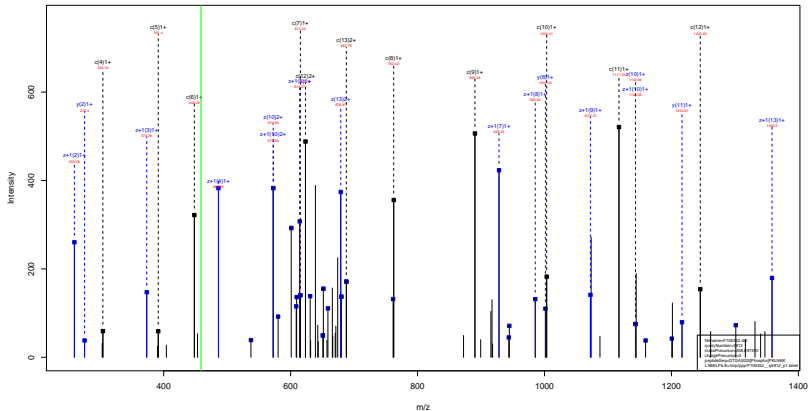
YQKST^{Phospho} ELLIR
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.81
- ▶ F105352.dat
- ▶ query=q5617.p1
- ▶ precursor=444.229960
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
V[1]	91.052	665.842	657.833	0.504	657.329	V[10]
Q[2]	155.082	584.310	576.301	576.805	575.797	Q[9]
R[3]	219.129	520.281	512.272	512.776	511.768	R[8]
S[4]	262.645	456.234	448.224	448.728	447.720	S[7]
T[5]	353.152	412.718	404.708	405.212	404.204	T[6]
E[6]	417.673	322.211	314.201	314.705	313.697	E[5]
L[7]	474.215	257.689	249.680	250.184	249.176	L[4]
L[8]	530.757	201.147	193.138	193.642	192.634	L[3]
L[9]	597.299	144.505	136.500	137.104	136.092	L[2]
R[10]	665.350	88.063	80.054	80.558	79.550	R[1]

sp | P15864 | H12_MOUSE

GTGASGS^{Phospho}FKLNKK
79.97



sp | P15864 | H12_MOUSE

GTGASGS^{Phospho}_{79.97}FKLNKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=96.16
- ▶ F105352.dat
- ▶ query=q5912.p1
- ▶ precursor=458.897370
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	1374.878	1358.859	0.000	1357.051	G[13]
F[2]	176.103	1317.056	1301.638	0.000	1300.630	F[12]
G[3]	231.124	1216.609	1200.590	0.000	1199.582	G[11]
A[4]	304.162	1159.587	1143.568	0.000	1142.561	A[10]
S[5]	391.194	1088.550	1072.531	0.000	1071.523	S[9]
G[6]	448.215	1001.513	985.499	0.000	984.491	G[8]
S[7]	615.213	944.490	928.478	0.000	927.470	S[7]
F[8]	762.282	777.498	761.479	0.000	760.472	F[6]
K[9]	890.377	630.430	614.411	615.419	613.403	K[5]
L[10]	1003.461	602.330	486.316	487.324	485.308	L[4]
N[11]	1117.504	589.261	373.232	374.240	372.228	N[3]
R[12]	1245.599	275.208	259.189	260.197	258.181	R[2]
R[13]	1373.694	147.113	131.094	132.102	130.088	R[1]

sp | P15864 | H12_MOUSE

GTGASGS^{Phospho}_{79.97}FKLNKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=96.16
- ▶ F105352.dat
- ▶ query=q5912.p1
- ▶ precursor=458.897370
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
G	[1]	38.031	687.842	679.833	0.504	679.329	G[13]
T	[2]	88.555	659.332	651.322	0.504	650.818	T[12]
G	[3]	117.066	608.808	600.799	0.504	600.295	G[11]
A	[4]	152.584	580.297	572.288	0.504	571.784	A[10]
S	[5]	198.100	544.775	536.769	0.504	536.265	S[9]
G	[6]	224.611	501.262	493.253	0.504	492.749	G[8]
S	[7]	308.110	472.752	464.743	0.504	464.239	S[7]
F	[8]	381.645	489.253	481.243	0.504	480.739	F[6]
K	[9]	445.692	315.718	307.709	308.213	307.205	K[5]
L	[10]	502.234	251.671	243.662	244.166	243.158	L[4]
N	[11]	559.256	195.129	187.120	187.624	186.616	N[3]
K	[12]	623.303	138.108	130.098	130.602	129.594	K[2]
K	[13]	687.350	74.060	66.051	66.555	65.547	K[1]

sp | P15864 | H12_MOUSE

GTGASGS^{Phospho}_{79.97} FKLNKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.72
- ▶ F105352.dat
- ▶ query=q5913_p1
- ▶ precursor=687.844330
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	1374.678	1358.859	0.000	1357.051	G[13]
F[2]	176.103	1317.656	1301.638	0.000	1300.030	F[12]
G[3]	231.124	1216.609	1200.590	0.000	1199.582	G[11]
A[4]	304.162	1159.587	1143.568	0.000	1142.561	A[10]
S[5]	391.194	1088.550	1072.531	0.000	1071.523	S[9]
G[6]	489.215	1031.511	985.499	0.000	984.491	G[8]
S[7]	615.213	944.455	928.478	0.000	927.470	S[7]
F[8]	762.282	777.498	761.479	0.000	760.472	F[6]
K[9]	890.377	630.430	614.411	615.419	613.403	K[5]
L[10]	1003.461	502.339	486.316	487.324	485.308	L[4]
R[11]	1117.504	389.251	373.232	374.240	372.224	R[3]
R[12]	1245.599	275.209	259.189	260.197	258.181	R[2]
R[13]	1373.694	147.112	131.094	132.102	130.086	R[1]

sp | P15864 | H12_MOUSE

KAS^{Phospho} GPPVSELITK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.64
- ▶ F105352.dat
- ▶ query=q6077.p1
- ▶ precursor=469.580660
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R[1]	146.129	1406.720	1390.710	1301.718	389.703	R[13]
A[2]	237.166	1278.634	1262.615	1263.623	1261.608	A[12]
S[3]	384.164	1207.907	1191.578	1192.586	1190.570	S[11]
G[4]	441.186	1040.599	1024.580	1025.588	1023.572	G[10]
P[5]	538.238	983.577	967.558	968.566	966.551	P[9]
F[6]	639.291	898.524	879.506	873.514	869.498	F[8]
V[7]	734.360	789.472	773.453	774.461	772.445	V[7]
S[8]	821.392	690.403	674.385	675.392	673.377	S[6]
E[9]	950.434	603.371	587.352	588.360	586.345	E[5]
L[10]	1063.518	474.329	458.310	459.318	457.302	L[4]
I[11]	1176.602	381.245	345.226	346.234	344.218	I[3]
T[12]	1277.650	248.160	232.142	233.150	231.134	T[2]
K[13]	1405.745	147.113	131.094	132.102	130.086	K[1]

sp | P15864 | H12_MOUSE

KAS^{Phospho} 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.64
- ▶ F105352.dat
- ▶ query=q6077.p1
- ▶ precursor=469.580660
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	73.508	703.868	695.859	696.363	695.355	K[13]
A[2]	109.067	639.821	631.811	632.315	631.307	A[12]
S[3]	192.586	604.302	596.293	596.797	595.789	S[11]
G[4]	221.097	520.803	512.794	513.298	512.290	G[10]
T[5]	259.623	432.292	424.283	424.787	423.779	T[9]
P[6]	318.148	443.766	435.756	436.260	435.253	P[8]
V[7]	357.683	395.239	387.230	387.734	386.726	V[7]
S[8]	411.199	345.705	337.696	338.200	337.192	S[6]
E[9]	475.721	302.189	294.180	294.684	293.676	E[5]
L[10]	532.263	237.668	229.659	230.162	229.155	L[4]
I[11]	588.805	181.126	173.117	173.620	172.613	I[3]
T[12]	639.329	124.584	116.575	117.078	116.071	T[2]
K[13]	703.376	74.060	66.051	66.555	65.547	K[1]

sp | P15864 | H12_MOUSE

KAS^{Phospho} GPPVSELITK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.48
- ▶ F105352.dat
- ▶ query=q6081_p1
- ▶ precursor=469.582480
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R[1]	146.129	1466.729	1390.710	1391.718	1389.703	R[13]
A[2]	217.166	1278.634	1262.615	1263.623	1261.608	A[12]
S[3]	384.164	1207.597	1191.578	1192.586	1190.570	S[11]
G[4]	441.186	1040.599	1024.580	1025.588	1023.572	G[10]
F[5]	538.238	983.517	967.506	968.506	966.501	F[9]
P[6]	635.291	898.524	879.506	879.514	899.498	P[8]
V[7]	734.360	789.472	773.453	774.461	772.445	V[7]
S[8]	821.392	690.403	674.385	675.392	673.377	S[6]
E[9]	950.434	603.371	587.352	588.360	586.345	E[5]
L[10]	1063.518	474.329	458.310	459.318	457.302	L[4]
I[11]	1176.602	361.245	345.226	346.234	344.218	I[3]
T[12]	1277.650	248.160	232.142	233.150	231.134	T[2]
R[13]	1465.745	147.113	131.094	132.102	130.085	R[1]

sp | P15864 | H12_MOUSE

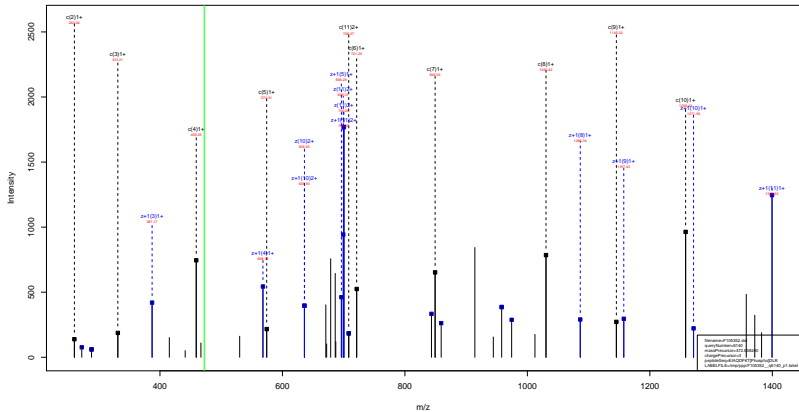
KAS^{Phospho} GPPVSELITK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.48
- ▶ F105352.dat
- ▶ query=q6081.p1
- ▶ precursor=469.582480
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	73.508	703.868	695.859	696.363	695.355	K[13]
A[2]	109.067	639.821	631.811	632.315	631.307	A[12]
S[3]	192.586	604.302	596.293	596.797	595.789	S[11]
G[4]	221.097	520.803	512.794	513.298	512.290	G[10]
T[5]	259.623	432.292	424.283	424.787	423.779	T[9]
P[6]	318.148	443.786	435.776	436.280	435.273	P[8]
V[7]	357.683	395.279	387.270	387.774	386.726	V[7]
S[8]	411.199	345.705	337.696	338.200	337.192	S[6]
E[9]	475.721	302.189	294.180	294.684	293.676	E[5]
L[10]	532.263	237.668	229.659	230.162	229.155	L[4]
I[11]	588.805	181.126	173.117	173.620	172.613	I[3]
T[12]	639.329	124.584	116.575	117.078	116.071	T[2]
K[13]	703.376	74.060	66.051	66.555	65.547	K[1]

sp | P68433 | H31_MOUSE

EIAQDFKT ^{Phospho} DLR
79.97



sp | P68433 | H31_MOUSE

EIAQDFKT ^{Phospho} DLR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.98
- ▶ F105352.dat
- ▶ query=q6140_p1
- ▶ precursor=472.558240
- ▶ chargePrecursor=3
- ▶ itol=0.8

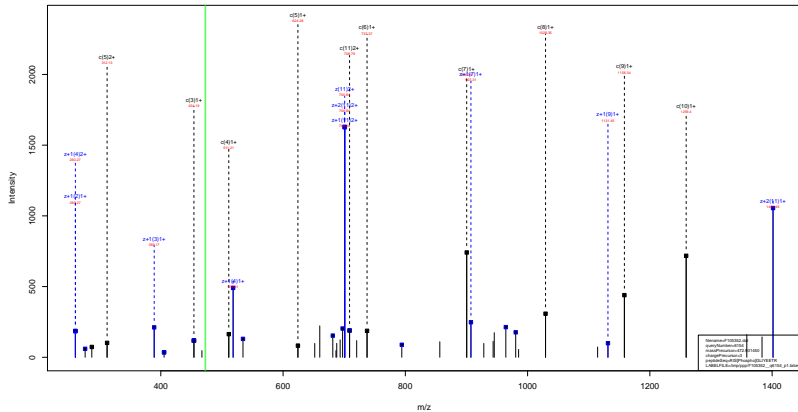
AA	c	y	z+1	z+2	z	AA
E [1]	147.076	1415.657	1399.638	0.000	1398.630	E [11]
I [2]	260.160	1286.014	1270.595	0.000	1269.587	I [10]
A [3]	331.198	1173.530	1157.511	0.000	1156.503	A [9]
Q [4]	459.256	1102.493	1086.474	1087.462	1085.466	Q [8]
D [5]	574.283	874.434	958.416	959.423	957.408	D [7]
F [6]	721.352	859.407	843.389	844.390	842.381	F [6]
K [7]	849.446	712.338	696.320	697.328	695.312	K [5]
T [8]	1030.461	584.244	568.225	569.233	567.217	T [4]
D [9]	1145.487	403.230	387.211	388.219	386.203	D [3]
L [10]	1258.572	288.203	272.184	273.192	271.176	L [2]
R [11]	1414.673	175.110	159.100	160.108	158.092	R [1]

sp | P68433 | H31_MOUSE

EIAQDFKT ^{Phospho} DLR
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.98
- ▶ F105352.dat
- ▶ query=q6140_p1
- ▶ precursor=472.558240
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
E [1]	74.042	708.332	700.323	0.504	699.819	E [11]
V [2]	130.584	643.811	635.801	0.504	635.297	V [10]
A [3]	166.102	587.269	579.259	0.504	578.755	A [9]
Q [4]	239.132	351.795	343.781	348.289	343.277	Q [8]
D [5]	287.645	487.721	479.711	480.215	479.208	D [7]
F [6]	351.179	430.207	422.198	422.702	421.694	F [6]
K [7]	425.227	356.673	348.664	349.168	348.160	K [5]
Y [8]	515.734	292.626	284.616	285.120	284.112	Y [4]
D [9]	573.247	202.119	194.109	194.613	193.605	D [3]
L [10]	629.789	144.605	136.596	137.100	136.092	L [2]
R [11]	707.840	88.063	80.054	80.558	79.550	R [1]



sp | P62806 | H4_MOUSE

RIS^{Phospho} GLIYEETR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.09
- ▶ F105352.dat
- ▶ query=q6154.p1
- ▶ precursor=472.901450
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R 1	174.135	1418.688	1400.670	1401.677	1399.662	R 11
I 2	287.219	1200.587	1244.569	1245.576	1243.561	R 10
S 3	454.217	1147.503	1131.484	1132.492	1130.477	S 9
G 4	511.239	980.505	964.486	965.494	963.478	G 8
L 5	624.323	823.483	901.465	908.472	906.457	L 7
I 6	737.407	810.399	794.380	795.388	793.373	I 6
V 7	900.470	697.315	681.296	682.304	680.289	V 5
E 8	1029.513	534.252	518.233	519.241	517.225	E 4
E 9	1158.555	405.209	389.191	390.199	388.183	E 3
T 10	1259.603	276.167	260.148	261.156	259.140	T 2
R 11	1415.704	175.119	159.100	160.108	158.092	R 1

sp | P62806 | H4_MOUSE

RIS Phospho
79.97 GLIYEETR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.09
- ▶ F105352.dat
- ▶ query=q6154.p1
- ▶ precursor=472.901450
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [3]	87.571	708.848	700.838	701.342	700.334	R[11]
T [2]	144.113	630.797	622.788	623.292	622.284	I[10]
S [3]	227.612	574.255	566.246	566.750	565.742	S[0]
G [4]	258.123	690.756	682.747	683.251	682.243	G[8]
L [5]	312.665	682.245	454.236	454.740	453.732	L[7]
I [6]	350.207	405.703	357.694	358.198	357.190	I[6]
V [7]	450.739	340.161	341.152	341.656	340.648	V[5]
E [8]	515.260	267.630	259.620	260.124	259.116	E[4]
E [9]	579.781	203.108	195.099	195.603	194.595	E[3]
T [10]	630.305	138.587	130.578	131.082	130.074	T[2]
R [11]	708.356	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

RIS^{Phospho} GLIYEETR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=29.95
- ▶ F105352.dat
- ▶ query=q6155.p1
- ▶ precursor=708.848960
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R 1	174.135	1416.668	1400.670	1401.677	1399.662	R 11
I 2	287.219	1260.587	1244.589	1245.576	1243.561	I 10
S 3	454.217	1147.503	1131.484	1132.492	1130.477	S 9
G 4	511.259	980.505	964.486	965.494	963.476	G 8
L 5	628.323	873.483	907.465	908.472	906.457	L 7
I 6	737.407	810.399	794.380	795.388	793.373	I 6
V 7	900.470	697.315	681.296	682.304	680.289	V 5
E 8	1020.513	534.252	518.239	519.241	517.225	E 4
E 9	1158.535	405.200	389.191	390.198	388.183	E 3
T 10	1259.603	276.167	260.148	261.156	259.140	T 2
R 11	1415.704	175.119	159.100	160.108	158.092	R 1

sp | P43274 | H14_MOUSE

KTS Phospho
79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=63.98
- ▶ F105352.dat
- ▶ query=q6280_p1
- ▶ precursor=479.585230
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R[1]	146.129	1436.740	1420.721	1421.729	1419.713	R[13]
F[2]	247.176	1308.645	1292.626	1293.634	1291.618	F[12]
S[3]	414.175	1207.907	1191.578	1192.586	1190.570	S[11]
G[4]	471.196	1040.599	1024.580	1025.588	1023.572	G[10]
P[5]	968.249	983.577	967.558	968.566	966.551	P[9]
P[6]	699.302	898.524	879.566	873.514	869.498	P[8]
V[7]	764.370	789.472	773.453	774.461	772.445	V[7]
S[8]	851.402	690.403	674.385	675.392	673.377	S[6]
E[9]	980.445	603.371	587.352	588.360	586.345	E[5]
L[10]	1093.529	474.329	458.310	459.318	457.302	L[4]
I[11]	1306.613	361.245	345.226	346.234	344.218	I[3]
T[12]	1307.661	248.160	232.143	233.150	231.134	T[2]
R[13]	1435.756	147.113	131.094	132.102	130.086	R[1]

sp | P43274 | H14_MOUSE

KTS ^{Phospho} 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=63.98
- ▶ F105352.dat
- ▶ query=q6280.p1
- ▶ precursor=479.585230
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	73.508	718.873	710.864	711.368	710.360	K[13]
T[2]	124.002	654.826	646.817	647.321	646.313	T[12]
S[3]	207.591	604.302	596.293	596.797	595.789	S[11]
G[4]	236.102	520.803	512.794	513.298	512.290	G[10]
T[5]	264.626	492.292	484.283	484.787	483.779	T[9]
P[6]	313.155	443.766	435.757	436.260	435.253	P[8]
V[7]	352.689	395.239	387.230	387.734	386.726	V[7]
S[8]	426.205	345.705	337.696	338.200	337.192	S[6]
E[9]	490.726	302.189	294.180	294.684	293.676	E[5]
L[10]	547.268	237.668	229.659	230.162	229.155	L[4]
I[11]	603.810	181.126	173.117	173.620	172.613	I[3]
T[12]	654.334	124.584	116.575	117.078	116.071	T[2]
K[13]	718.381	74.060	66.051	66.555	65.547	K[1]

sp | P70696 | H2B1A_MOUSE

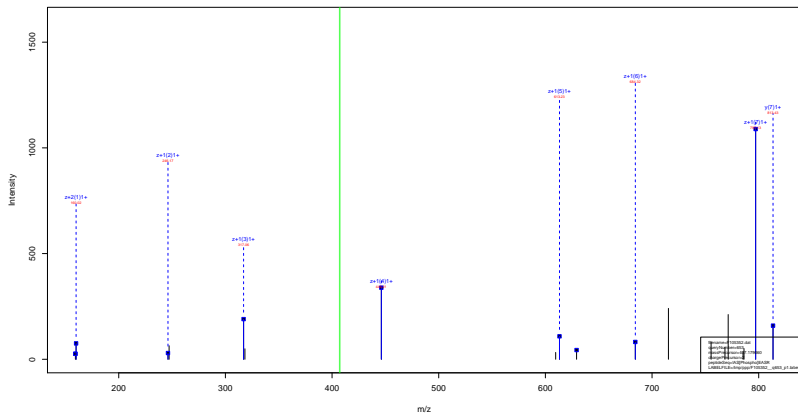
IAS^{Phospho} EASR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.45
- ▶ F105352.dat
- ▶ query=q652_p1
- ▶ precursor=407.178950
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T [1]	131.118	813.350	797.332	0.000	796.328	I [7]
A [2]	202.155	100.265	683.247	0.000	683.240	A [6]
S [3]	369.153	629.229	613.210	0.000	612.207	S [5]
E [4]	498.196	462.231	446.212	0.000	445.208	E [4]
A [5]	569.233	333.188	317.169	0.000	316.162	A [3]
S [6]	656.265	282.151	246.132	0.000	245.124	S [2]
R [7]	812.366	175.119	159.100	160.108	158.092	R [1]

sp | P70696 | H2B1A_MOUSE

IAS Phospho EASR
79.97



sp | P70696 | H2B1A_MOUSE

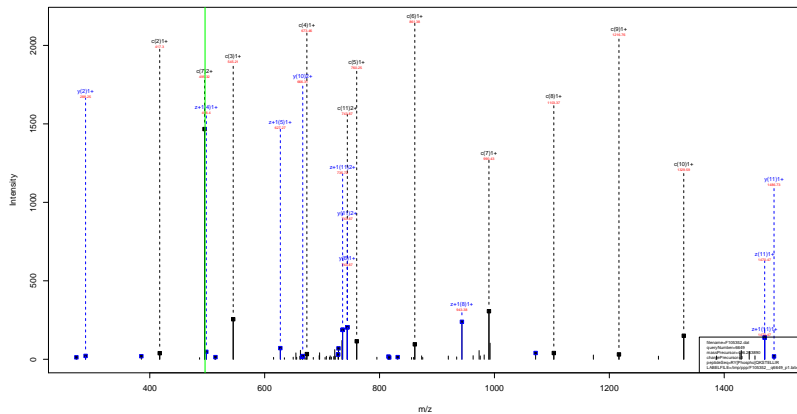
IAS Phospho EASR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.65
- ▶ F105352.dat
- ▶ query=q653_p1
- ▶ precursor=407.179060
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
A[1]	131.130	813.350	797.332	0.000	796.325	I[7]
A[2]	202.135	700.265	604.247	0.000	603.240	A[6]
S[3]	369.153	629.229	613.210	0.000	612.202	S[5]
E[4]	498.196	462.231	446.212	0.000	445.204	E[4]
A[5]	569.233	333.188	317.169	0.000	316.162	A[3]
S[6]	656.265	262.151	246.132	0.000	245.124	S[2]
R[7]	812.366	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

RY^{Phospho} 79.97 QKSTELLIR



sp | P68433 | H31_MOUSE

RY^{Phospho}
79.97 QKSTELLIR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.15
- ▶ F105352.dat
- ▶ query=q6649_p1
- ▶ precursor=496.263890
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
R	1	194.136	1486.770	1470.759	1471.767	1469.751	R[1]
V	2	417.165	1330.677	1314.650	1315.666	1313.650	V[10]
Q	3	545.223	1087.647	1071.628	1072.636	1070.620	Q[9]
K	4	673.318	899.585	943.570	944.578	942.562	K[8]
S	5	760.350	831.493	815.475	816.483	814.467	S[7]
T	6	861.398	744.461	738.443	739.451	727.435	T[6]
E	7	990.440	643.414	627.395	628.403	626.387	E[5]
L	8	1103.525	514.371	498.352	499.360	497.345	L[4]
I	9	1216.609	401.287	385.266	386.276	384.261	I[3]
I	10	1329.693	288.203	272.184	273.192	271.176	I[2]
R	11	1485.794	175.112	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

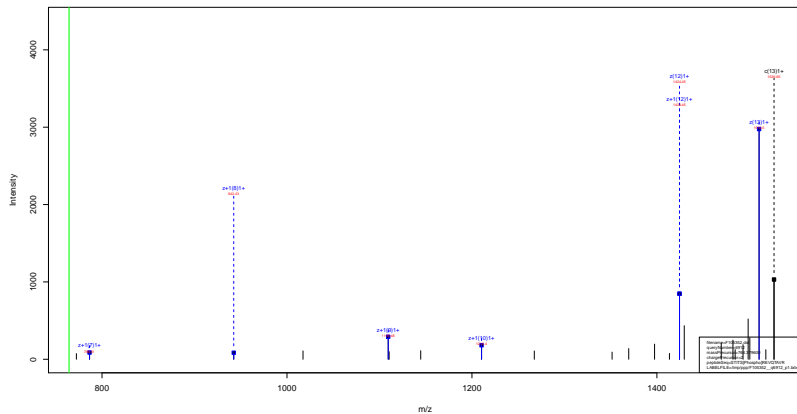
R^Y Phospho
79.97 QKSTELLIR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.15
- ▶ F105352.dat
- ▶ query=q6649_p1
- ▶ precursor=496.263890
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [1]	87.571	743.893	735.883	736.387	735.379	R [1]
Y [2]	209.086	665.842	657.831	658.337	657.329	Y [10]
Q [3]	273.115	544.327	536.310	536.822	535.814	Q [9]
K [4]	337.163	430.298	422.288	422.792	421.785	K [8]
S [5]	380.679	416.250	408.241	408.745	407.737	S [7]
T [6]	431.203	372.734	364.726	365.229	364.221	T [6]
E [7]	495.724	322.211	314.201	314.705	313.697	E [5]
L [8]	552.266	257.689	249.680	250.184	249.176	L [4]
I [9]	608.808	201.147	193.138	193.642	192.634	I [3]
I [10]	665.350	144.605	136.596	137.100	136.092	I [2]
R [11]	743.401	88.063	80.054	80.558	79.550	R [1]

sp | Q9D2U9 | H2B3A_MOUSE

STITS^{Phospho} REVQTAVR
79.97



sp | Q9D2U9 | H2B3A_MOUSE

STITS^{Phospho} REVQTAVR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.26
- ▶ F105352.dat
- ▶ query=q6912.p1
- ▶ precursor=764.379600
- ▶ chargePrecursor=2
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.060	1327.753	1511.734	0.000	1510.720	S[13]
T[2]	306.114	1440.721	1424.702	0.000	1423.694	T[12]
I[3]	319.198	1339.673	1323.654	0.000	1322.646	I[11]
T[4]	420.245	1236.589	1210.570	0.000	1209.562	T[10]
S[5]	567.244	1125.541	1109.522	0.000	1108.515	S[9]
R[6]	743.245	958.541	942.524	0.000	941.516	R[8]
E[7]	872.287	802.442	786.423	787.411	785.415	E[7]
V[8]	971.456	673.399	657.380	658.368	656.373	V[6]
Q[9]	1099.514	574.331	558.312	559.320	557.304	Q[5]
T[10]	1200.562	448.272	430.253	431.261	429.246	T[4]
A[11]	1271.569	345.224	329.206	330.214	328.199	A[3]
V[12]	1370.595	274.187	258.169	259.176	257.161	V[2]
R[13]	1526.769	175.133	159.100	160.108	158.092	R[1]

sp | P10922 | H10_MOUSE

TENS^{Phospho}_{79.97} TSAPAAKPKR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.98
- ▶ F105352.dat
- ▶ query=q6967.p1
- ▶ precursor=513.249590
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
Y [1]	119.082	1537.737	1521.718	0.000	1520.710	Y [14]
E [2]	248.124	1436.689	1420.671	0.000	1419.663	E [13]
W [3]	382.187	1307.647	1291.629	1392.538	1290.520	W [12]
S [4]	529.185	1193.604	1177.585	1178.593	1176.577	S [11]
Y [5]	630.213	1026.605	1010.587	1011.595	1009.570	Y [10]
S [6]	717.245	925.558	909.539	910.547	908.531	S [9]
A [7]	788.292	838.520	822.507	823.515	821.499	A [8]
P [8]	885.335	767.480	751.470	752.478	750.462	P [7]
A [9]	934.372	670.438	654.417	655.425	653.409	A [6]
A [10]	1027.409	599.397	583.380	584.388	582.372	A [5]
K [11]	1184.504	528.362	512.343	513.351	511.335	K [4]
P [12]	1252.557	400.267	384.248	385.256	383.240	P [3]
K [13]	1580.652	303.214	287.195	288.203	286.187	K [2]
R [14]	1536.753	175.119	159.100	160.108	158.092	R [1]

sp|P10922|H10_MOUSE

TENS^{Phospho}_{79.97}TSAPAAKPKR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=28.98
- ▶ F105352.dat
- ▶ query=q6967.p1
- ▶ precursor=513.249590
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
T[1]	60.044	769.372	761.363	0.504	760.859	T[14]
E[2]	124.506	718.848	710.839	0.504	710.335	E[13]
N[3]	181.537	654.327	646.318	646.822	645.814	N[12]
S[4]	265.036	597.306	589.296	589.800	588.792	S[11]
Y[5]	315.610	513.806	505.797	506.301	505.293	Y[10]
S[6]	359.126	463.283	455.273	455.777	454.769	S[9]
A[7]	394.645	419.767	411.757	412.261	411.253	A[8]
P[8]	443.171	384.248	376.239	376.743	375.735	P[7]
A[9]	478.690	335.722	327.712	328.216	327.208	A[6]
A[10]	514.208	300.203	292.194	292.698	291.690	A[5]
K[11]	578.235	264.684	256.673	257.179	256.171	K[4]
P[12]	626.762	200.637	192.628	193.132	192.124	P[3]
K[13]	690.830	152.111	144.101	144.605	143.597	K[2]
R[14]	768.850	88.063	80.054	80.558	79.550	R[1]

sp | P70696 | H2B1A_MOUSE

STIT^(Phospho) SREIQTAVR
(79.97)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.04
- ▶ F105352.dat
- ▶ query=q6996_p1
- ▶ precursor=514.593960
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	1341.765	1525.750	0.000	1524.742	S[13]
T[2]	206.114	1494.736	1438.718	0.000	1437.710	T[12]
I[3]	319.198	1353.689	1337.670	0.000	1336.662	I[11]
T[4]	500.212	1240.605	1224.589	0.000	1223.578	T[10]
S[5]	587.244	1059.591	1043.572	0.000	1042.564	S[9]
R[6]	743.345	872.559	956.540	957.548	955.532	R[8]
E[7]	872.387	816.457	800.439	801.444	799.431	E[7]
I[8]	985.471	687.415	671.396	672.404	670.388	I[6]
Q[9]	1113.530	574.331	558.312	559.320	557.304	Q[5]
T[10]	1214.578	446.272	430.253	431.261	429.246	T[4]
A[11]	1285.615	345.224	329.206	330.214	328.198	A[3]
V[12]	1384.683	274.187	266.169	259.176	257.161	V[2]
R[13]	1540.784	175.119	159.100	160.108	158.092	R[1]

sp | P70696 | H2B1A_MOUSE

STIT^(Phospho) SREIQTAVR
(79.97)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.04
- ▶ F105352.dat
- ▶ query=q6996_p1
- ▶ precursor=514.593960
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	83.037	771.388	763.378	0.504	762.875	S[13]
T[2]	103.560	727.872	719.862	0.504	719.359	T[12]
I[3]	160.102	677.348	669.339	0.504	668.835	I[11]
T[4]	290.609	620.806	612.797	0.504	612.293	T[10]
S[5]	294.125	530.299	522.290	0.504	521.786	S[9]
R[6]	372.176	486.783	478.774	479.277	478.270	R[8]
E[7]	436.697	408.732	400.723	401.227	400.219	E[7]
I[8]	493.239	344.211	336.202	336.706	335.698	I[6]
Q[9]	557.269	287.669	279.660	280.164	279.156	Q[5]
T[10]	607.792	223.640	215.630	216.134	215.126	T[4]
A[11]	643.311	173.116	165.107	165.610	164.603	A[3]
V[12]	692.845	137.597	129.588	130.092	129.084	V[2]
R[13]	770.896	88.063	80.054	80.558	79.550	R[1]

sp | P43274 | H14_MOUSE

SET (Phospho)
(79.97) APAAPAAPAPVEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.78
- ▶ F105352.dat
- ▶ query=q7112_p1
- ▶ precursor=520.239840
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	1558.715	1542.696	0.000	1541.688	S[16]
E[2]	234.108	1471.683	1453.664	0.000	1454.056	E[15]
T[3]	415.122	1342.640	1326.622	0.000	1325.614	T[14]
A[4]	439.109	1181.626	1183.608	0.000	1144.605	A[13]
P[5]	581.212	1090.589	1074.570	0.000	1073.561	P[12]
A[6]	654.240	991.536	977.518	0.000	976.510	A[11]
A[7]	725.287	922.499	906.481	0.000	905.473	A[10]
P[8]	822.339	851.462	835.443	0.000	834.435	P[9]
A[9]	893.376	754.409	738.391	0.000	737.383	A[8]
A[10]	964.414	683.372	667.354	0.000	666.346	A[7]
P[11]	1051.466	612.335	596.316	0.000	595.308	P[10]
A[12]	1132.503	515.262	499.264	0.000	498.256	A[5]
P[13]	1229.556	444.245	428.227	0.000	427.219	P[4]
A[14]	1309.593	347.193	331.174	0.000	330.166	A[3]
E[15]	1429.636	276.155	260.137	0.000	259.129	E[2]
K[16]	1557.731	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

SET ^(Phospho)_(79.97) APAAPAAPAPVEK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.78
- ▶ F105352.dat
- ▶ query=q7112_p1
- ▶ precursor=520.239840
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S [1]	53.037	779.861	771.852	0.504	771.348	S [16]
E [2]	117.558	730.943	720.936	0.504	727.932	E [15]
T [3]	208.065	671.824	663.814	0.504	663.310	T [14]
A [4]	243.583	581.317	573.307	0.504	572.803	A [13]
P [5]	292.110	545.798	537.789	0.504	537.285	P [12]
A [6]	327.628	497.272	489.262	0.504	488.759	A [11]
A [7]	363.147	461.753	453.744	0.504	453.240	A [10]
P [8]	411.673	426.235	418.225	0.504	417.721	P [9]
A [9]	447.192	377.708	369.699	0.504	369.195	A [8]
A [10]	482.710	342.190	334.180	0.504	333.676	A [7]
P [11]	531.237	306.671	298.662	0.504	298.158	P [6]
A [12]	566.755	258.145	250.135	0.504	249.632	A [5]
P [13]	613.282	222.626	214.617	0.504	214.113	P [4]
A [14]	650.800	174.100	166.091	0.504	165.587	A [3]
E [15]	715.322	138.581	130.572	0.504	130.068	E [2]
K [16]	779.369	74.050	66.051	66.555	65.547	K [1]

sp | P43274 | H14_MOUSE

SET ^{Phospho} APAAPAAPAPAEK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.25
- ▶ F105352.dat
- ▶ query=q7114_p1
- ▶ precursor=520.240260
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S	105.006	1558.715	1542.696	0.000	1541.688	S[16]
E	234.108	1471.683	1455.664	0.000	1454.656	E[15]
T	415.122	1342.640	1326.622	0.000	1325.614	T[14]
A	489.160	1161.620	1145.608	0.000	1144.600	A[13]
P	581.212	1090.580	1074.570	0.000	1073.563	P[12]
A	654.240	993.536	977.518	0.000	976.510	A[11]
A	725.287	922.490	906.481	0.000	905.473	A[10]
P	822.139	851.462	835.443	0.000	834.436	P[9]
A	891.176	754.400	738.391	0.000	737.383	A[8]
A	964.214	683.372	667.354	0.000	666.346	A[7]
P	1061.466	612.338	596.319	0.000	595.309	P[6]
A	1132.503	515.282	499.264	0.000	498.256	A[5]
P	1229.556	444.248	428.227	0.000	427.219	P[4]
A	1300.593	347.193	331.174	0.000	330.166	A[3]
E	1429.636	276.155	260.137	0.000	259.129	E[2]
K	1557.731	147.113	131.094	152.102	130.086	K[1]

sp | P43274 | H14_MOUSE

SET^{Phospho} APAAPAAPAPAEK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.25
- ▶ F105352.dat
- ▶ query=q7114.p1
- ▶ precursor=520.240260
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	779.861	771.852	0.504	771.348	S[16]
E[2]	117.558	736.345	728.336	0.504	727.832	E[15]
T[3]	208.965	671.824	663.814	0.504	663.310	T[14]
A[4]	243.583	581.317	573.307	0.504	572.803	A[13]
P[5]	292.110	545.798	537.789	0.504	537.285	P[12]
A[6]	327.628	497.272	489.262	0.504	488.759	A[11]
A[7]	353.147	461.753	453.744	0.504	453.240	A[10]
P[8]	411.673	426.235	418.225	0.504	417.721	P[9]
A[9]	447.192	377.708	369.699	0.504	369.195	A[8]
A[10]	482.710	342.190	334.180	0.504	333.676	A[7]
P[11]	531.237	306.671	298.662	0.504	298.158	P[6]
A[12]	566.755	258.145	250.135	0.504	249.632	A[5]
P[13]	613.282	222.626	214.617	0.504	214.113	P[4]
A[14]	650.800	174.100	166.091	0.504	165.587	A[3]
E[15]	715.322	138.581	130.572	0.504	130.068	E[2]
K[16]	779.369	74.050	66.051	0.504	65.547	K[1]

sp | P43274 | H14_MOUSE

SET^{Phospho} APAAPAAPAPAEK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.18
- ▶ F105352.dat
- ▶ query=q7115_p1
- ▶ precursor=520.241440
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
S	105.060	1558.715	1542.696	0.000	1541.688	S[16]
E	234.108	1471.683	1455.664	0.000	1454.656	E[15]
T	415.122	1342.840	1326.822	0.000	1325.814	T[13]
A	498.160	1161.920	1145.908	0.000	1144.900	A[15]
P	583.212	1090.589	1074.570	0.000	1073.563	P[12]
A	654.249	993.530	977.518	0.000	976.510	A[11]
A	725.287	922.499	906.481	0.000	905.473	A[10]
P	822.139	851.462	835.443	0.000	834.436	P[9]
A	893.176	754.409	738.391	0.000	737.383	A[8]
A	964.114	683.372	667.354	0.000	666.346	A[7]
P	1061.466	612.335	596.316	0.000	595.309	P[6]
A	1132.503	515.282	499.264	0.000	498.256	A[5]
P	1229.556	444.245	428.227	0.000	427.219	P[4]
A	1300.593	347.193	331.174	0.000	330.166	A[3]
E	1429.636	276.155	260.137	0.000	259.129	E[2]
K	1567.731	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

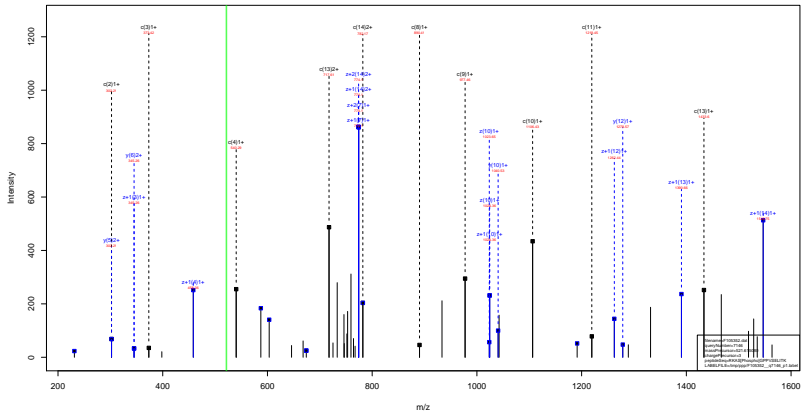
SET^{Phospho} APAAPAAPAPAEK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.18
- ▶ F105352.dat
- ▶ query=q7115_p1
- ▶ precursor=520.241440
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	779.861	771.852	0.504	771.348	S[16]
E[2]	117.558	736.345	728.336	0.504	727.832	E[15]
T[3]	208.965	671.824	663.814	0.504	663.310	T[14]
A[4]	243.583	581.317	573.307	0.504	572.803	A[13]
P[5]	292.130	545.798	537.789	0.504	537.285	P[12]
A[6]	327.628	497.272	489.262	0.504	488.759	A[11]
A[7]	353.147	461.753	453.744	0.504	453.240	A[10]
P[8]	411.673	426.235	418.225	0.504	417.721	P[9]
A[9]	447.192	377.708	369.699	0.504	369.195	A[8]
A[10]	482.710	342.190	334.180	0.504	333.676	A[7]
P[11]	531.237	306.671	298.662	0.504	298.158	P[6]
A[12]	566.755	258.145	250.136	0.504	249.632	A[5]
P[13]	613.282	222.626	214.617	0.504	214.113	P[4]
A[14]	650.800	174.100	166.091	0.504	165.587	A[3]
E[15]	715.322	138.581	130.572	0.504	130.068	E[2]
K[16]	779.369	74.050	66.051	0.504	65.547	K[1]

sp | P15864 | H12_MOUSE

RKAS^{Phospho} 79.97 GPPVSELITK



sp | P15864 | H12_MOUSE

RKAS^{Phospho}_{79.97} GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.77
- ▶ F105352.dat
- ▶ query=q7146_p1
- ▶ precursor=521.615080
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R[1]	174.135	1562.839	1546.811	1567.819	1545.804	R[14]
R[2]	302.230	1406.729	1390.710	1391.718	1389.703	R[13]
A[3]	373.267	1278.634	1262.615	1263.623	1261.608	A[12]
S[4]	540.265	1059.599	1191.578	1192.586	1190.570	S[11]
G[5]	597.287	1040.599	1024.580	1025.588	1023.572	G[10]
P[6]	694.340	983.577	987.558	988.566	986.551	P[9]
P[7]	791.392	888.524	870.509	871.514	869.498	P[8]
V[8]	890.461	799.472	773.453	774.461	772.445	V[7]
S[9]	977.493	699.403	674.385	675.392	673.377	S[6]
E[10]	1106.535	603.371	587.352	588.360	586.344	E[5]
L[11]	1219.619	474.326	458.310	459.318	457.302	L[4]
I[12]	1332.704	361.245	345.226	346.234	344.218	I[3]
T[13]	1433.751	248.160	232.142	233.150	231.134	T[2]
K[14]	1561.846	147.113	131.094	132.102	130.086	K[1]

sp | P15864 | H12_MOUSE

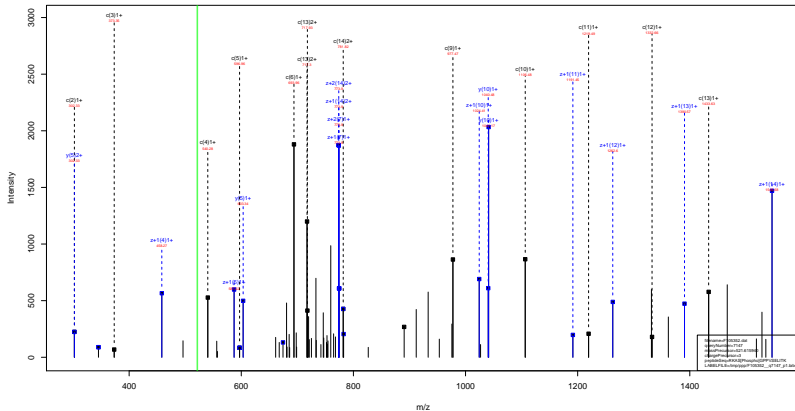
RKAS^{Phospho}_{79.97} GPPVSELITK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.77
- ▶ F105352.dat
- ▶ query=q7146_p1
- ▶ precursor=521.615080
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [3]	87.571	781.919	773.909	774.413	773.405	R[14]
K [2]	151.619	703.666	695.657	696.363	695.355	K[13]
A [3]	187.137	639.821	631.811	632.315	631.307	A[12]
S [4]	270.636	604.302	596.293	596.797	595.789	S[11]
G [5]	299.147	520.803	512.794	513.298	512.290	G[10]
P [6]	347.673	492.292	484.283	484.787	483.779	P[9]
F [7]	396.200	443.766	435.756	436.260	435.253	F[8]
V [8]	445.734	395.239	387.230	387.734	386.726	V[7]
S [9]	489.250	345.705	337.696	338.200	337.192	S[6]
E [10]	553.771	302.189	294.180	294.684	293.676	E[5]
L [11]	618.313	237.666	229.657	230.162	229.156	L[4]
I [12]	666.855	181.126	173.117	173.620	172.613	I[3]
T [13]	717.379	124.584	116.575	117.078	116.071	T[2]
K [14]	781.427	74.060	66.051	66.555	65.547	K[1]

sp | P15864 | H12_MOUSE

RKAS Phospho 79.97 GPPVSELITK



sp | P15864 | H12_MOUSE

RKAS^{Phospho}_{79.97} GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=73.91
- ▶ F105352.dat
- ▶ query=q7147.p1
- ▶ precursor=521.615940
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R	174.135	1562.830	1546.811	1547.810	1545.804	R[14]
K	302.230	1408.720	1390.710	1391.718	1389.703	K[13]
A	313.287	1278.630	1262.615	1263.623	1261.608	A[12]
S	540.265	1207.597	1191.578	1192.586	1190.570	S[11]
G	597.287	1040.599	1024.580	1025.588	1023.572	G[10]
P	694.340	983.577	987.558	988.566	986.551	P[9]
F	791.392	886.524	870.506	871.514	869.498	F[8]
V	890.461	789.472	773.453	774.461	772.445	V[7]
S	977.493	699.463	674.385	675.392	673.377	S[6]
E	1106.535	603.371	587.352	588.360	586.345	E[5]
L	1219.619	474.329	458.310	459.318	457.302	L[4]
H	1332.704	361.245	345.226	346.234	344.218	H[3]
T	1433.751	248.160	232.142	233.150	231.134	T[2]
K	1561.846	147.113	131.094	132.102	130.086	K[1]

sp | P15864 | H12_MOUSE

RKAS^{Phospho}_{79.97} GPPVSELITK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=73.91
- ▶ F105352.dat
- ▶ query=q7147.p1
- ▶ precursor=521.615940
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [3]	87.571	781.919	773.909	774.413	773.405	R[14]
K [2]	151.019	703.050	695.037	696.363	695.355	K[13]
A [3]	187.137	839.821	631.811	632.315	631.307	A[12]
S [4]	270.636	604.302	596.293	596.797	595.789	S[11]
G [5]	299.147	520.803	512.794	513.298	512.290	G[10]
P [6]	347.673	492.292	484.283	484.787	483.779	P[9]
F [7]	396.200	443.766	435.756	436.260	435.253	F[8]
V [8]	445.734	395.239	387.230	387.734	386.726	V[7]
S [9]	489.250	345.705	337.696	338.200	337.192	S[6]
E [10]	553.771	302.189	294.180	294.684	293.676	E[5]
L [11]	618.313	237.666	229.659	230.162	229.156	L[4]
I [12]	666.855	181.126	173.117	173.620	172.613	I[3]
T [13]	717.379	124.584	116.575	117.078	116.071	T[2]
K [14]	781.427	74.060	66.051	66.555	65.547	K[1]

sp | P43277 | H13_MOUSE

SET ^(Phospho) APAAPAAPAPVEK
(79.97)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.14
- ▶ F105352.dat
- ▶ query=q7316_p1
- ▶ precursor=529.583410
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	1586.746	1570.727	0.000	1569.720	S[16]
E[2]	234.108	1699.714	1483.695	0.000	1482.088	E[15]
V[3]	415.122	1370.672	1354.653	0.000	1353.645	V[14]
A[4]	439.109	1189.695	1173.639	0.000	1172.631	A[13]
P[5]	581.212	1118.620	1102.602	0.000	1101.594	P[12]
A[6]	654.240	1021.565	1005.549	0.000	1004.541	A[11]
A[7]	725.287	950.531	934.512	0.000	933.504	A[10]
P[8]	822.339	879.493	863.475	0.000	862.467	P[9]
A[9]	893.376	782.441	766.422	0.000	765.414	A[8]
A[10]	964.414	711.404	695.385	0.000	694.377	A[7]
P[11]	1061.466	640.365	624.348	0.000	623.340	P[10]
A[12]	1132.503	543.319	527.299	0.000	526.291	A[9]
P[13]	1229.556	472.277	456.258	0.000	455.250	P[4]
V[14]	1328.625	375.224	359.205	0.000	358.197	V[3]
E[15]	1457.667	278.155	260.137	0.000	259.129	E[2]
K[16]	1585.762	147.113	131.094	132.102	130.086	K[1]

sp | P43277 | H13_MOUSE

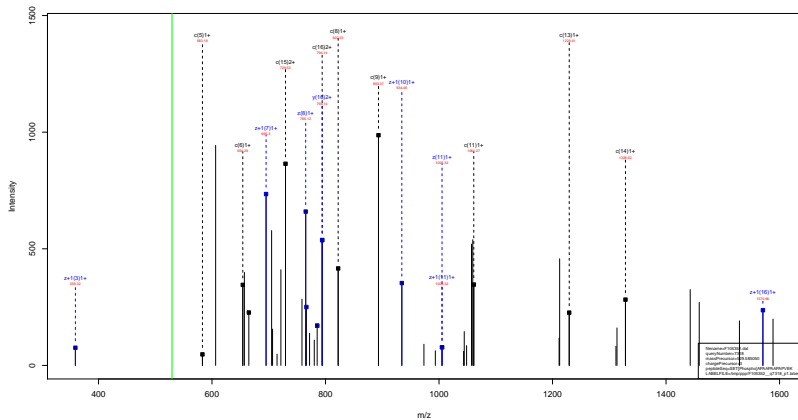
SET (Phospho)
(79.97) APAAPAAPAPVEK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.14
- ▶ F105352.dat
- ▶ query=q7316_p1
- ▶ precursor=529.583410
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S [1]	53.037	793.877	785.867	0.504	785.363	S [8]
E [2]	117.558	750.361	742.351	0.504	744.347	E [5]
T [3]	208.065	685.839	677.830	0.504	677.325	T [4]
A [4]	243.583	595.332	587.323	0.504	586.819	A [13]
P [5]	292.110	559.814	551.804	0.504	551.301	P [12]
A [6]	327.628	511.287	503.278	0.504	502.774	A [11]
A [7]	363.147	475.769	467.760	0.504	467.256	A [10]
P [8]	411.673	440.250	432.241	0.504	431.737	P [9]
A [9]	447.192	391.724	383.715	0.504	383.211	A [8]
A [10]	482.710	356.205	348.196	0.504	347.692	A [7]
P [11]	531.237	320.687	312.678	0.504	312.174	P [6]
A [12]	566.755	272.160	264.151	0.504	263.647	A [5]
P [13]	613.282	236.642	228.633	0.504	228.129	P [4]
V [14]	664.816	188.116	180.106	0.504	179.602	V [3]
E [15]	729.337	138.589	130.572	0.504	130.068	E [2]
K [16]	793.885	74.060	66.051	66.535	65.547	K [1]

sp | P43277 | H13_MOUSE

SET (Phospho)
(79.97) APAAPAAPAPVEK



sp | P43277 | H13_MOUSE

SET ^(Phospho) APAAPAAPAPVEK
(79.97)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=29.30
- ▶ F105352.dat
- ▶ query=q7318_p1
- ▶ precursor=529.585050
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	1586.748	1570.727	0.000	1509.720	S[16]
E[2]	234.108	1699.714	1483.695	0.000	1482.088	E[15]
V[3]	415.122	1370.672	1354.653	0.000	1353.645	V[14]
A[4]	439.109	1189.695	1173.639	0.000	1172.631	A[13]
P[5]	581.212	1118.620	1102.602	0.000	1101.594	P[12]
A[6]	654.249	1021.565	1005.549	0.000	1004.541	A[11]
A[7]	725.287	950.531	934.512	0.000	933.504	A[10]
P[8]	822.339	879.493	863.475	0.000	862.467	P[9]
A[9]	893.376	782.441	766.422	0.000	765.414	A[8]
A[10]	964.414	711.404	695.385	0.000	694.377	A[7]
P[11]	1061.466	640.365	624.348	0.000	623.340	P[10]
A[12]	1132.503	543.319	527.299	0.000	526.291	A[9]
P[13]	1229.556	472.277	456.258	0.000	455.250	P[4]
V[14]	1328.625	375.224	359.205	0.000	358.197	V[3]
E[15]	1457.667	278.155	260.137	0.000	259.129	E[2]
K[16]	1585.762	147.113	131.094	132.102	130.086	K[1]

sp | P43277 | H13_MOUSE

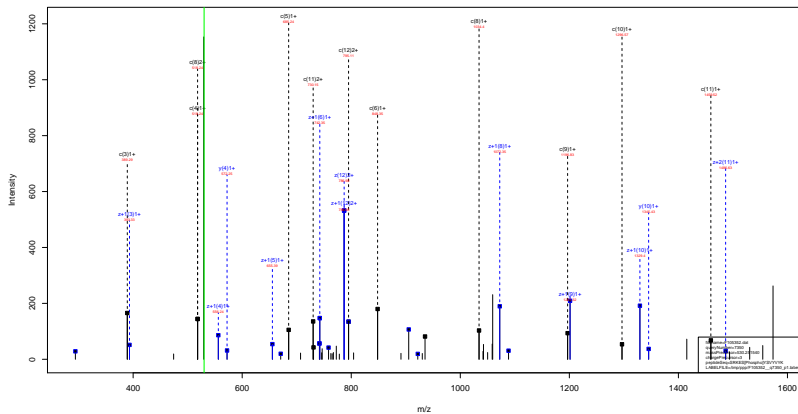
SET (Phospho)
(79.97) APAAPAAPAPVEK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=29.30
- ▶ F105352.dat
- ▶ query=q7318_p1
- ▶ precursor=529.585050
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	793.877	785.867	0.504	785.363	S[16]
E[2]	117.558	750.361	742.351	0.504	741.847	E[15]
T[3]	208.065	685.839	677.830	0.504	677.326	T[14]
A[4]	243.583	595.332	587.323	0.504	586.819	A[13]
P[5]	292.110	559.814	551.804	0.504	551.301	P[12]
A[6]	327.628	511.287	503.278	0.504	502.774	A[11]
A[7]	363.147	475.769	467.760	0.504	467.256	A[10]
P[8]	411.673	440.250	432.241	0.504	431.737	P[9]
A[9]	447.192	391.724	383.715	0.504	383.211	A[8]
A[10]	482.710	356.205	348.196	0.504	347.692	A[7]
P[11]	531.237	320.687	312.678	0.504	312.174	P[6]
A[12]	566.755	272.160	264.151	0.504	263.647	A[5]
P[13]	613.282	236.642	228.633	0.504	228.129	P[4]
V[14]	664.816	188.116	180.106	0.504	179.602	V[3]
E[15]	729.337	138.589	130.572	0.504	130.068	E[2]
K[16]	793.385	74.060	66.051	66.535	65.547	K[1]

sp | Q64475 | H2B1B_MOUSE

SRKES Phospho YSVYVYK
79.97



sp | Q64475 | H2B1B_MOUSE

SRKES^{Phospho} YSVYVYK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.55
- ▶ F105352.dat
- ▶ query=q7350.p1
- ▶ precursor=530.251540
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S 1	105.066	1588.741	1572.722	0.000	1571.714	S[12]
R 2	281.107	1120.795	745.689	1486.698	1484.682	R[11]
R 3	389.262	1345.608	1329.589	1328.581	1326.565	R[10]
E 4	518.305	1217.513	1201.494	1200.502	1200.486	E[9]
S 5	665.303	1088.470	1072.451	1073.459	1071.443	S[8]
Y 6	848.366	921.472	905.453	906.461	904.445	Y[7]
S 7	935.398	758.408	742.390	743.397	741.382	S[6]
V 8	1034.467	671.376	655.358	656.365	654.350	V[5]
V 9	1197.530	572.308	556.289	557.297	555.281	V[4]
V[10]	1296.598	469.245	391.226	394.234	392.218	V[3]
V[11]	1459.662	310.178	294.157	295.165	293.150	V[2]
R[12]	1587.757	147.113	131.094	132.102	130.086	R[1]

sp | Q64475 | H2B1B_MOUSE

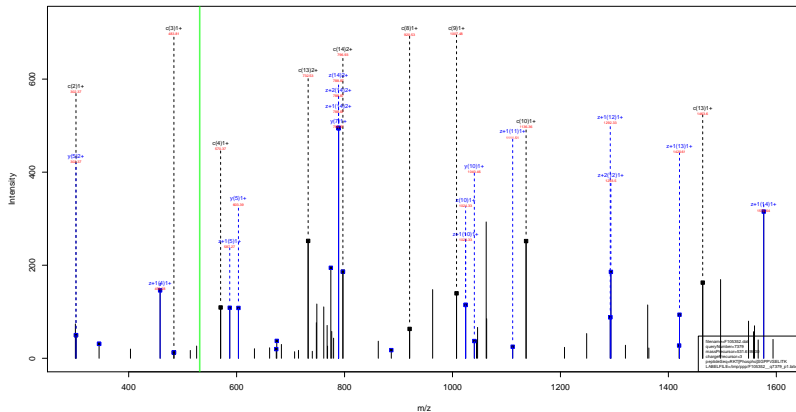
SRKES^{Phospho} YSVYVYK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.55
- ▶ F105352.dat
- ▶ query=q7350.p1
- ▶ precursor=530.251540
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	794.874	786.865	0.504	786.361	S[12]
R[2]	131.087	751.358	743.349	743.853	742.845	R[11]
K[3]	195.135	673.307	665.298	665.802	664.794	K[10]
E[4]	259.656	609.260	601.251	601.754	600.747	E[9]
S[5]	343.195	644.739	636.729	637.231	636.225	S[8]
Y[6]	424.687	661.239	653.230	653.734	652.726	Y[7]
S[7]	468.203	679.708	671.698	672.202	671.195	S[6]
V[8]	517.737	636.192	628.182	628.686	627.679	V[9]
V[9]	389.259	680.658	672.648	673.152	672.144	V[4]
V[10]	648.803	605.126	597.117	597.620	596.613	V[3]
V[11]	730.334	155.592	147.582	148.086	147.078	V[2]
K[12]	794.382	74.060	66.051	66.555	65.547	K[1]

sp | P43274 | H14_MOUSE

RKT^{Phospho}SGPPVSELITK
79.97



sp | P43274 | H14_MOUSE

RKT^{Phospho} SGPPVSELITK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.01
- ▶ F105352.dat
- ▶ query=q7379_p1
- ▶ precursor=531.618000
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
R	1	174.135	1502.941	1576.622	1577.630	1575.614	R[14]
K	2	302.230	1436.740	1420.721	1421.729	1419.713	K[13]
T	3	483.244	1338.045	1293.626	1293.634	1291.618	T[12]
S	4	570.276	1127.611	1111.612	1112.620	1110.604	S[11]
G	5	657.257	1040.598	1024.580	1025.588	1023.572	G[10]
F	6	724.350	983.577	987.558	988.566	986.551	F[9]
P	7	821.403	886.524	870.500	871.514	869.486	P[8]
V	8	920.471	789.472	773.453	774.461	772.445	V[7]
S	9	1007.503	680.433	674.385	675.392	673.377	S[6]
E	10	1136.546	603.371	587.352	588.360	586.344	E[5]
L	11	1249.630	474.329	458.310	459.318	457.302	L[4]
I	12	1362.714	361.245	345.226	346.234	344.218	I[3]
T	13	1463.762	248.160	232.142	233.150	231.134	T[2]
K	14	1581.857	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

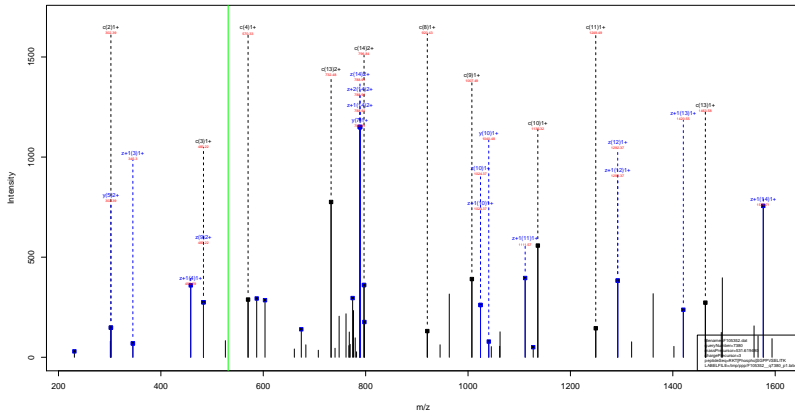
RKT^{Phospho} SGPPVSELITK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.01
- ▶ F105352.dat
- ▶ query=q7379_p1
- ▶ precursor=531.618000
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [3]	87.571	796.924	788.915	789.419	788.411	R [4]
K [2]	151.019	718.073	710.064	711.358	710.360	K [3]
Y [3]	242.126	654.826	646.817	647.321	646.313	Y [2]
S [4]	285.642	564.319	556.310	556.814	555.806	S [11]
G [5]	314.152	520.803	512.794	513.298	512.290	G [10]
P [6]	362.679	492.292	484.283	484.787	483.779	P [9]
P [7]	411.205	443.766	435.756	436.260	435.253	P [8]
V [8]	460.739	395.239	387.230	387.734	386.726	V [7]
S [9]	504.255	345.705	337.696	338.200	337.192	S [6]
E [10]	568.777	302.189	294.180	294.684	293.676	E [5]
L [11]	628.319	237.666	229.657	230.162	229.156	L [4]
I [12]	681.361	181.126	173.117	173.620	172.613	I [3]
T [13]	732.385	124.584	116.575	117.078	116.071	T [2]
K [14]	796.432	74.060	66.051	66.555	65.547	K [1]

sp | P43274 | H14_MOUSE

RKT^{Phospho}SGPPVSELITK
79.97



sp | P43274 | H14_MOUSE

RKT^{Phospho} SGPPVSELITK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.06
- ▶ F105352.dat
- ▶ query=q7380_p1
- ▶ precursor=531.619490
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [1]	174.135	1592.841	1576.822	1577.830	1575.814	R[14]
R [2]	302.230	1436.740	1420.721	1421.729	1419.713	R[13]
T [3]	483.244	1388.745	1292.458	1293.454	1291.618	T[12]
S [4]	570.276	1127.631	1111.612	1112.609	1110.599	S[11]
G [5]	627.297	1040.599	1024.580	1025.588	1023.572	G[10]
F [6]	724.350	983.577	967.558	968.566	966.551	F[9]
P [7]	821.403	888.524	870.509	871.514	869.498	P[8]
V [8]	920.471	789.472	773.453	774.461	772.445	V[7]
S [9]	1007.503	692.423	674.385	675.392	673.377	S[6]
E [10]	1136.546	603.371	587.352	588.360	586.345	E[5]
L [11]	1249.610	474.326	458.310	459.318	457.302	L[4]
I [12]	1362.714	361.245	345.226	346.234	344.218	I[3]
T [13]	1463.762	248.160	232.142	233.150	231.134	T[2]
R [14]	1591.857	147.113	131.094	132.102	130.086	R[1]

sp | P43274 | H14_MOUSE

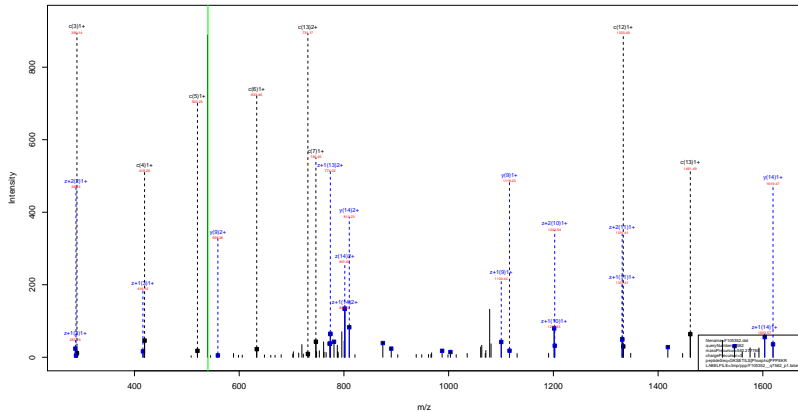
RKT^{Phospho} SGPPVSELITK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.06
- ▶ F105352.dat
- ▶ query=q7380.p1
- ▶ precursor=531.619490
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [3]	87.571	796.924	788.915	789.419	788.411	R [14]
K [2]	151.019	718.073	710.064	711.358	710.360	K [13]
Y [3]	282.126	654.826	646.817	647.321	646.313	Y [12]
S [4]	285.642	564.319	556.310	556.814	555.806	S [11]
G [5]	314.152	520.803	512.794	513.298	512.290	G [10]
P [6]	362.679	492.292	484.283	484.787	483.779	P [9]
P [7]	411.205	443.766	435.756	436.260	435.253	P [8]
V [8]	460.739	395.239	387.230	387.734	386.726	V [7]
S [9]	504.255	345.705	337.696	338.200	337.192	S [6]
E [10]	568.777	302.189	294.180	294.684	293.676	E [5]
L [11]	628.319	237.668	229.659	230.162	229.156	L [4]
I [12]	681.861	181.126	173.117	173.620	172.613	I [3]
T [13]	732.385	124.584	116.575	117.078	116.071	T [2]
K [14]	796.432	74.060	66.051	66.555	65.547	K [1]

sp | Q8CCK0 | H2AW_MOUSE

GKSETILS Phospho PPPEKR
79.97



sp | Q8CCK0 | H2AW_MOUSE

GKSETILS^{Phospho} PPPEKR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.19
- ▶ F105352.dat
- ▶ query=q7562.p1
- ▶ precursor=540.277760
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	1618.820	1602.801	0.000	1601.793	G[14]
R[2]	203.150	1561.790	1545.780	1546.789	1544.772	R[13]
S[3]	290.182	1433.764	1417.653	1416.643	1416.677	S[12]
E[4]	419.225	1340.672	1330.653	1331.661	1329.645	E[11]
T[5]	520.273	1237.620	1201.610	1202.618	1200.602	T[10]
H[6]	633.357	1116.581	1100.563	1101.570	1099.555	H[9]
L[7]	746.441	1003.497	987.478	988.485	986.471	L[8]
S[8]	913.439	890.413	874.394	875.402	873.387	S[7]
P[9]	1010.402	742.413	707.397	708.404	706.388	P[6]
P[10]	1107.345	626.362	630.343	611.351	600.335	P[5]
P[11]	1204.307	529.306	513.291	514.298	512.281	P[4]
E[12]	1333.640	432.257	416.238	417.246	415.230	E[3]
R[13]	1461.735	303.214	287.195	288.203	286.187	R[2]
R[14]	1617.836	175.110	150.100	160.108	158.092	R[1]

sp | Q8CCK0 | H2AW_MOUSE

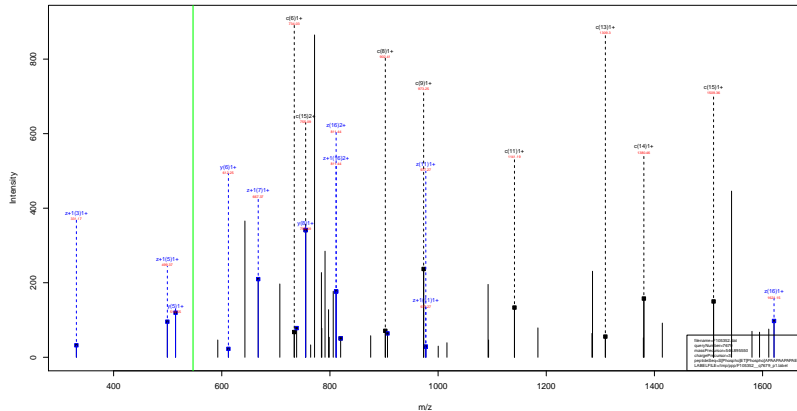
GKSETILS^{Phospho} PPPEKR
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.19
- ▶ F105352.dat
- ▶ query=q7562_p1
- ▶ precursor=540.277760
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
C[3]	38.031	809.914	801.904	0.504	801.400	C[14]
K[2]	102.079	781.403	773.394	773.897	772.890	K[13]
S[3]	145.595	717.355	709.346	709.350	708.842	S[12]
E[4]	210.116	673.839	665.830	666.334	665.326	E[11]
T[5]	280.640	609.318	601.309	601.813	600.805	T[10]
I[6]	317.182	558.794	550.785	551.289	550.281	I[9]
L[7]	373.724	502.252	494.243	494.747	493.739	L[8]
S[8]	457.223	445.710	437.701	438.205	437.197	S[7]
P[9]	505.750	362.211	354.202	354.706	353.698	P[6]
F[10]	554.276	311.685	303.675	304.179	303.171	F[5]
T[11]	602.802	208.136	201.149	201.653	200.645	T[4]
E[12]	667.324	216.632	208.623	209.126	208.119	E[3]
K[13]	731.371	152.111	144.101	144.605	143.597	K[2]
R[14]	809.422	88.063	80.054	80.558	79.550	R[1]

sp | P43274 | H14_MOUSE

S^{Phospho} ET^{Phospho} APAAPAAPAPAEK
79.97 79.97



sp | P43274 | H14_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=29.98
- ▶ F105352.dat
- ▶ query=q7679_p1
- ▶ precursor=546.895550
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S	185.032	1638.681	1622.662	0.000	1621.655	S[16]
E	314.075	1471.683	1455.664	0.000	1454.656	E[15]
T	495.989	1342.840	1328.822	0.000	1325.814	T[13]
A	598.126	1161.929	1145.908	0.000	1144.900	A[13]
P	563.179	1090.589	1074.570	0.000	1073.563	P[12]
A	734.216	993.530	977.518	0.000	976.510	A[11]
A	805.251	922.499	906.481	0.000	905.473	A[10]
P	902.306	851.462	835.443	0.000	834.436	P[9]
A	973.343	754.409	738.391	0.000	737.383	A[8]
A	1044.389	683.372	667.354	0.000	666.346	A[7]
P	1141.433	612.335	596.316	0.000	595.309	P[6]
A	1212.470	515.282	499.264	0.000	498.256	A[5]
P	1309.523	444.245	428.227	0.000	427.219	P[4]
A	1380.560	347.193	331.174	0.000	330.166	A[3]
E	1509.602	276.155	260.137	0.000	259.129	E[2]
K	1637.697	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

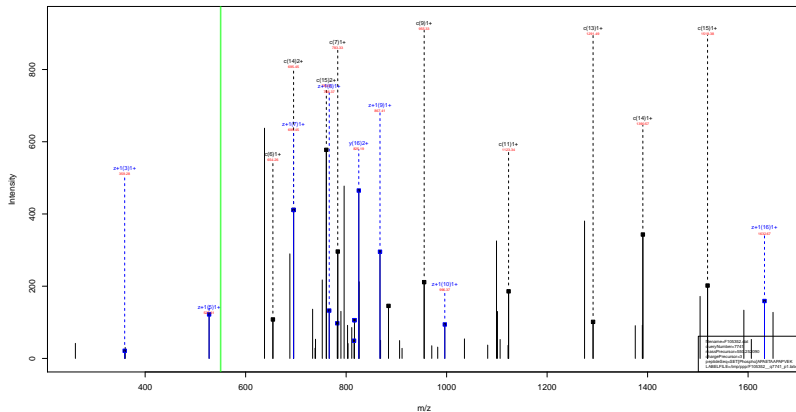
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=29.98
- ▶ F105352.dat
- ▶ query=q7679_p1
- ▶ precursor=546.895550
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	819.844	811.835	0.504	811.331	S[16]
E[2]	157.541	736.345	728.336	0.504	727.832	E[15]
T[3]	248.048	671.824	663.814	0.504	663.310	T[14]
A[4]	283.567	581.317	573.307	0.504	572.803	A[13]
P[5]	332.093	545.798	537.789	0.504	537.285	P[12]
A[6]	367.612	497.272	489.262	0.504	488.759	A[11]
A[7]	403.130	461.753	453.744	0.504	453.240	A[10]
P[8]	451.656	426.235	418.225	0.504	417.721	P[9]
A[9]	487.175	377.708	369.699	0.504	369.195	A[8]
A[10]	522.694	342.190	334.180	0.504	333.676	A[7]
P[11]	571.220	306.671	298.662	0.504	298.158	P[6]
A[12]	666.739	258.143	250.133	0.504	249.622	A[5]
P[13]	655.266	222.626	214.617	0.504	214.113	P[4]
A[14]	690.783	174.100	166.091	0.504	165.587	A[3]
E[15]	755.305	138.581	130.572	0.504	130.068	E[2]
K[16]	819.352	74.050	66.051	0.504	65.547	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho)
(79.97) APAETAAPAPVEK



@ProteinSP1703322_004
 1. Gene: H15 (Mmus1712)
 2. Gene: H15 (Mmus1712)
 3. Gene: H15 (Mmus1712)
 4. Gene: H15 (Mmus1712)
 5. Gene: H15 (Mmus1712)
 6. Gene: H15 (Mmus1712)
 7. Gene: H15 (Mmus1712)
 8. Gene: H15 (Mmus1712)
 9. Gene: H15 (Mmus1712)
 10. Gene: H15 (Mmus1712)

sp | P43276 | H15_MOUSE

SET ^(Phospho) APAETAAPAPVEK
(79.97)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.68
- ▶ F105352.dat
- ▶ query=q7741_p1
- ▶ precursor=550.252090
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	1648.747	1632.728	0.000	1631.720	S[16]
E[2]	234.108	1561.715	1545.696	0.000	1544.688	E[15]
T[3]	415.122	1432.672	1416.653	0.000	1415.645	T[14]
A[4]	696.160	1251.858	1235.839	0.000	1234.831	A[13]
P[5]	983.212	1180.921	1164.902	0.000	1163.894	P[12]
A[6]	654.249	1083.568	1067.549	0.000	1066.542	A[11]
E[7]	783.292	1012.531	996.512	0.000	995.504	E[10]
T[8]	884.340	883.488	867.470	0.000	866.462	T[9]
A[9]	955.377	782.441	766.422	0.000	765.414	A[8]
A[10]	1026.414	711.404	695.385	0.000	694.377	A[7]
P[11]	1123.467	640.366	624.347	0.000	623.340	P[6]
A[12]	1194.504	543.319	527.295	0.000	526.287	A[5]
P[13]	1291.557	472.277	456.258	0.000	455.250	P[4]
V[14]	1390.625	375.224	359.205	0.000	358.197	V[3]
E[15]	1519.668	276.155	260.137	0.000	259.129	E[2]
K[16]	1647.763	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho)
(79.97) APAETAAPAPVEK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.68
- ▶ F105352.dat
- ▶ query=q7741_p1
- ▶ precursor=550.252090
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S [1]	53.037	824.877	816.868	0.504	816.364	S [8]
E [2]	117.358	781.361	773.352	0.504	772.348	E [5]
T [3]	208.065	716.840	708.830	0.504	708.326	T [4]
A [4]	243.583	626.333	618.323	0.504	617.319	A [13]
P [5]	292.110	590.814	582.805	0.504	582.301	P [12]
A [6]	327.628	542.288	534.278	0.504	533.774	A [11]
E [7]	392.150	506.769	498.760	0.504	498.256	E [10]
T [8]	442.673	442.240	434.238	0.504	433.735	T [9]
A [9]	478.192	391.724	383.715	0.504	383.211	A [8]
A [10]	513.711	356.205	348.196	0.504	347.692	A [7]
P [11]	562.237	320.687	312.678	0.504	312.174	P [6]
A [12]	597.756	272.160	264.151	0.504	263.647	A [5]
P [13]	646.282	236.642	228.633	0.504	228.129	P [4]
V [14]	695.816	188.116	180.106	0.504	179.602	V [3]
E [15]	760.337	138.589	130.572	0.504	130.068	E [2]
K [16]	824.385	74.060	66.051	66.535	65.547	K [1]

sp | P43277 | H13_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPVEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.79
- ▶ F105352.dat
- ▶ query=q7814_p1
- ▶ precursor=556.239380
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
S[1]	185.032	1666.713	1650.694	0.000	1649.680	S[16]
E[2]	314.075	1499.714	1483.695	0.000	1482.688	E[15]
T[3]	495.089	1270.672	1254.653	0.000	1253.645	T[14]
A[4]	598.126	1189.650	1173.639	0.000	1172.631	A[13]
P[5]	663.179	1118.620	1102.602	0.000	1101.594	P[12]
A[6]	734.216	1021.569	1005.549	0.000	1004.541	A[11]
A[7]	805.253	950.531	934.512	0.000	933.504	A[10]
P[8]	902.306	879.493	863.475	0.000	862.467	P[9]
A[9]	973.343	782.441	766.422	0.000	765.414	A[8]
A[10]	1044.380	711.404	695.385	0.000	694.377	A[7]
P[11]	1141.433	640.366	624.348	0.000	623.340	P[10]
A[12]	1212.470	543.314	527.295	0.000	526.287	A[5]
P[13]	1309.523	472.277	456.258	0.000	455.250	P[4]
V[14]	1408.901	375.234	359.205	0.000	358.197	V[3]
E[15]	1537.634	276.155	260.137	0.000	259.129	E[2]
K[16]	1665.728	147.113	131.094	132.102	130.086	K[1]

sp | P43277 | H13_MOUSE

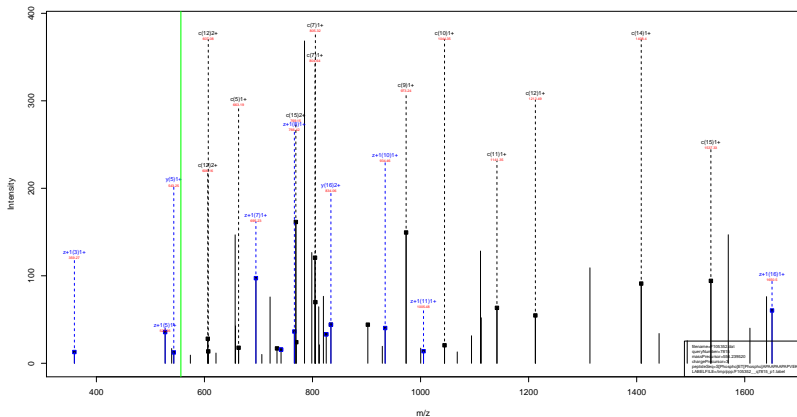
S^{Phospho}_{79.97} ET^{Phospho}_{79.97} APAAPAAPAPVEK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.79
- ▶ F105352.dat
- ▶ query=q7814_p1
- ▶ precursor=556.239380
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	833.860	825.851	0.504	825.347	S[16]
E[2]	157.541	750.351	742.351	0.504	741.347	E[15]
T[3]	248.048	885.830	877.830	0.504	877.326	T[14]
A[4]	283.567	995.332	987.323	0.504	986.819	A[13]
P[5]	332.093	959.814	951.804	0.504	951.301	P[12]
A[6]	367.612	511.287	503.278	0.504	502.774	A[11]
A[7]	403.130	475.769	467.760	0.504	467.256	A[10]
P[8]	451.656	440.250	432.241	0.504	431.737	P[9]
A[9]	487.175	391.724	383.715	0.504	383.211	A[8]
A[10]	522.694	356.205	348.196	0.504	347.692	A[7]
P[11]	571.230	320.687	312.678	0.504	312.174	P[6]
A[12]	606.759	272.160	264.151	0.504	263.647	A[5]
P[13]	655.288	236.642	228.633	0.504	228.129	P[4]
V[14]	704.799	188.116	180.106	0.504	179.602	V[3]
E[15]	769.320	138.581	130.572	0.504	130.068	E[2]
K[16]	833.368	74.050	66.051	0.504	65.547	K[1]

sp | P43277 | H13_MOUSE

S^{Phospho} ET^{Phospho} APAAPAAPAVEK
79.97 79.97



sp | P43277 | H13_MOUSE

S^{Phospho}_{79.97} ET^{Phospho}_{79.97} APAAPAAPAPVEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.31
- ▶ F105352.dat
- ▶ query=q7815_p1
- ▶ precursor=556.239520
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
S[1]	185.032	1666.713	1650.694	0.000	1649.688	S[16]
E[2]	314.075	1499.714	1483.695	0.000	1482.688	E[15]
T[3]	495.089	1270.672	1254.653	0.000	1253.645	T[14]
A[4]	598.126	1189.628	1173.609	0.000	1172.611	A[13]
P[5]	663.179	1118.620	1102.602	0.000	1101.594	P[12]
A[6]	734.216	1021.568	1005.549	0.000	1004.541	A[11]
A[7]	805.253	950.531	934.512	0.000	933.504	A[10]
P[8]	902.306	879.493	863.475	0.000	862.467	P[9]
A[9]	973.343	782.441	766.422	0.000	765.414	A[8]
A[10]	1044.380	711.404	695.385	0.000	694.377	A[7]
P[11]	1141.433	640.358	624.340	0.000	623.340	P[6]
A[12]	1212.470	543.314	527.295	0.000	526.287	A[5]
P[13]	1309.521	472.277	456.258	0.000	455.250	P[4]
V[14]	1408.591	375.234	359.205	0.000	358.197	V[3]
E[15]	1537.634	278.155	260.137	0.000	259.129	E[2]
K[16]	1665.728	147.113	131.094	132.102	130.086	K[1]

sp | P43277 | H13_MOUSE

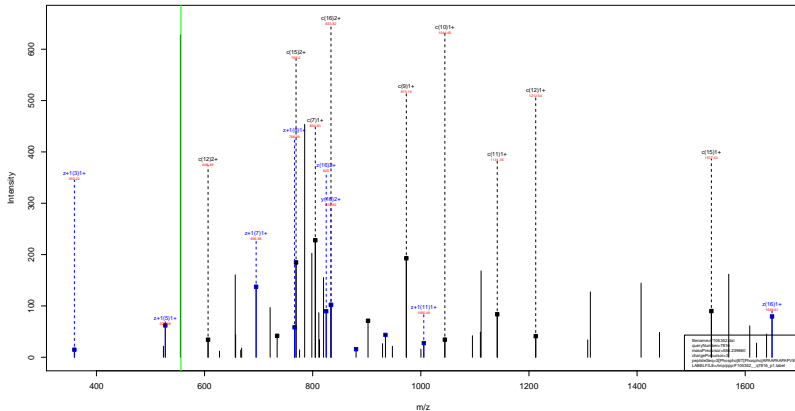
S^{Phospho}_{79.97} ET^{Phospho}_{79.97} APAAPAAPAPVEK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.31
- ▶ F105352.dat
- ▶ query=q7815_p1
- ▶ precursor=556.239520
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	833.860	825.851	0.504	825.347	S[16]
E[2]	157.541	750.351	742.351	0.504	741.847	E[15]
T[3]	248.048	885.830	877.830	0.504	877.326	T[14]
A[4]	283.567	995.332	987.323	0.504	986.819	A[13]
P[5]	332.093	959.814	951.804	0.504	951.301	P[12]
A[6]	367.612	511.287	503.278	0.504	502.774	A[11]
A[7]	403.130	475.769	467.760	0.504	467.256	A[10]
P[8]	451.656	440.250	432.241	0.504	431.737	P[9]
A[9]	487.175	391.724	383.715	0.504	383.211	A[8]
A[10]	522.694	356.205	348.196	0.504	347.692	A[7]
P[11]	571.230	320.687	312.678	0.504	312.174	P[6]
A[12]	606.735	272.160	264.151	0.504	263.647	A[5]
P[13]	655.266	236.642	228.633	0.504	228.129	P[4]
V[14]	704.799	198.116	190.106	0.504	189.602	V[3]
E[15]	769.320	138.581	130.572	0.504	130.068	E[2]
K[16]	833.368	74.050	66.051	0.504	65.547	K[1]

sp | P43277 | H13_MOUSE

S^{Phospho} ET^{Phospho} APAAPAAPAPVEK
79.97 79.97



sp | P43277 | H13_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPVEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.60
- ▶ F105352.dat
- ▶ query=q7816_p1
- ▶ precursor=556.239660
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	185.832	1656.713	1650.604	0.000	1649.686	S[16]
E	2	314.075	1499.714	1481.605	0.000	1482.689	E[15]
T	3	495.989	1370.672	1354.653	0.000	1353.645	T[14]
A	4	569.126	1189.958	1173.939	0.000	1172.931	A[13]
P	5	663.179	1118.620	1102.602	0.000	1101.594	P[12]
A	6	734.216	1021.968	1005.549	0.000	1004.541	A[11]
A	7	805.253	950.531	934.512	0.000	933.504	A[10]
P	8	902.306	879.493	863.475	0.000	862.467	P[9]
A	9	973.343	782.441	766.422	0.000	765.414	A[8]
A	10	1044.380	711.406	695.385	0.000	694.377	A[7]
P	11	1141.433	640.366	624.348	0.000	623.340	P[6]
A	12	1212.470	543.316	527.295	0.000	526.287	A[5]
P	13	1309.523	472.277	456.258	0.000	455.250	P[4]
V	14	1408.591	375.226	359.205	0.000	358.197	V[3]
E	15	1537.634	276.155	260.137	0.000	259.129	E[2]
K	16	1665.728	147.113	131.094	152.102	130.086	K[1]

sp | P43277 | H13_MOUSE

S^{Phospho}_{79.97} ET^{Phospho}_{79.97} APAAPAAPAPVEK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.60
- ▶ F105352.dat
- ▶ query=q7816_p1
- ▶ precursor=556.239660
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	833.860	825.851	0.504	825.347	S[16]
E[2]	157.541	750.351	742.351	0.504	741.847	E[15]
T[3]	248.048	685.839	677.830	0.504	677.325	T[14]
A[4]	283.567	595.332	587.323	0.504	586.819	A[13]
P[5]	332.093	559.814	551.804	0.504	551.301	P[12]
A[6]	367.612	511.287	503.278	0.504	502.774	A[11]
A[7]	403.130	475.769	467.760	0.504	467.256	A[10]
P[8]	451.656	440.250	432.241	0.504	431.737	P[9]
A[9]	487.175	391.724	383.715	0.504	383.211	A[8]
A[10]	522.694	356.205	348.196	0.504	347.692	A[7]
P[11]	571.220	320.687	312.678	0.504	312.174	P[6]
A[12]	606.739	272.160	264.151	0.504	263.647	A[5]
T[13]	655.265	236.642	228.633	0.504	228.129	T[4]
V[14]	704.799	188.116	180.106	0.504	179.602	V[3]
E[15]	769.320	138.581	130.572	0.504	130.068	E[2]
K[16]	833.368	74.060	66.051	66.555	65.547	K[1]

sp | P43276 | H15_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.20
- ▶ F105352.dat
- ▶ query=q8080_p1
- ▶ precursor=576.905890
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	185.832	1726.713	1712.694	0.000	1711.686	S[16]
E	2	314.075	1561.715	1545.696	0.000	1544.689	E[15]
T	3	495.989	1432.672	1416.653	0.000	1415.645	T[14]
A	4	569.176	1251.958	1235.939	0.000	1234.931	A[13]
P	5	663.179	1180.627	1164.602	0.000	1163.594	P[12]
A	6	734.216	1083.958	1067.949	0.000	1066.942	A[11]
E	7	863.258	1012.531	996.512	0.000	995.504	E[10]
T	8	964.306	883.488	867.470	0.000	866.462	T[9]
A	9	1035.343	782.441	766.422	0.000	765.414	A[8]
A	10	1106.380	711.405	695.385	0.000	694.377	A[7]
P	11	1203.433	640.366	624.348	0.000	623.340	P[6]
A	12	1274.470	543.318	527.295	0.000	526.287	A[5]
P	13	1371.523	472.277	456.258	0.000	455.250	P[4]
V	14	1470.591	375.228	359.205	0.000	358.197	V[3]
E	15	1599.634	276.155	260.137	0.000	259.129	E[2]
K	16	1727.729	147.113	131.094	152.102	130.086	K[1]

sp | P43276 | H15_MOUSE

S^{Phospho}_{79.97} ET^{Phospho}_{79.97} APAETAAPAPVEK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.20
- ▶ F105352.dat
- ▶ query=q8080_p1
- ▶ precursor=576.905890
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	864.860	856.851	0.504	856.347	S[16]
E[2]	157.541	781.351	773.352	0.504	772.845	E[15]
T[3]	248.048	716.840	708.830	0.504	708.326	T[14]
A[4]	283.567	628.333	618.323	0.504	617.819	A[13]
P[5]	332.093	590.814	582.805	0.504	582.301	P[12]
A[6]	367.612	542.288	534.278	0.504	533.774	A[11]
E[7]	432.133	506.769	496.760	0.504	496.256	E[10]
T[8]	482.657	442.240	434.238	0.504	433.735	T[9]
A[9]	518.175	393.724	383.715	0.504	383.211	A[8]
A[10]	553.694	356.205	348.196	0.504	347.692	A[7]
P[11]	602.220	320.687	312.678	0.504	312.174	P[6]
A[12]	637.739	272.160	264.151	0.504	263.647	A[5]
P[13]	689.266	236.642	228.633	0.504	228.129	P[4]
V[14]	735.799	188.116	180.106	0.504	179.602	V[3]
E[15]	800.321	138.581	130.572	0.504	130.068	E[2]
K[16]	864.368	74.050	66.051	0.504	65.547	K[1]

sp | P43276 | H15_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.94
- ▶ F105352.dat
- ▶ query=q8084_p1
- ▶ precursor=576.906950
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z=1	z=2	z	AA
S	185.032	1728.713	1712.694	0.000	1711.680	S[10]
E	314.075	1561.715	1545.696	0.000	1544.688	E[15]
T	495.989	1432.872	1416.853	0.000	1415.845	T[3]
A	598.126	1291.958	1275.939	0.000	1274.931	A[13]
P	563.179	1180.621	1164.602	0.000	1163.594	P[12]
A	734.216	1083.569	1067.549	0.000	1066.542	A[11]
E	863.258	1012.531	996.512	0.000	995.504	E[10]
T	964.306	883.488	867.470	0.000	866.462	T[9]
A	1035.343	782.441	766.422	0.000	765.414	A[8]
A	1106.380	711.404	695.385	0.000	694.377	A[7]
P	1203.433	640.366	624.348	0.000	623.340	P[6]
A	1274.470	543.314	527.295	0.000	526.287	A[5]
P	1371.523	472.277	456.258	0.000	455.250	P[4]
V	1470.591	375.224	359.205	0.000	358.197	V[3]
E	1599.634	276.155	260.137	0.000	259.129	E[2]
K	1727.729	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

S^{Phospho}_{79.97} ET^{Phospho}_{79.97} APAETAAPAPVEK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=30.94
- ▶ F105352.dat
- ▶ query=q8084_p1
- ▶ precursor=576.906950
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	864.860	856.851	0.504	856.347	S[16]
E[2]	157.541	781.351	773.352	0.504	772.845	E[15]
T[3]	248.048	716.840	708.830	0.504	708.326	T[14]
A[4]	283.567	628.333	618.323	0.504	617.819	A[13]
P[5]	332.093	590.814	582.805	0.504	582.301	P[12]
A[6]	367.612	542.288	534.278	0.504	533.774	A[11]
E[7]	432.133	506.769	496.760	0.504	496.256	E[10]
T[8]	482.657	442.240	434.238	0.504	433.735	T[9]
A[9]	518.175	393.724	383.715	0.504	383.211	A[8]
A[10]	553.694	356.205	348.196	0.504	347.692	A[7]
P[11]	602.220	320.687	312.678	0.504	312.174	P[6]
A[12]	637.739	272.160	264.151	0.504	263.647	A[5]
P[13]	689.266	236.642	228.633	0.504	228.129	P[4]
V[14]	735.799	188.116	180.106	0.504	179.602	V[3]
E[15]	800.321	138.581	130.572	0.504	130.068	E[2]
K[16]	864.368	74.050	66.051	0.504	65.547	K[1]

sp | P62806 | H4_MOUSE

RIS ^{Phospho} 79.97 GLIYEETRGVLK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.52
- ▶ F105352.dat
- ▶ query=q8389_p1
- ▶ precursor=605.323090
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R [3]	174.325	1613.951	1797.858	1798.546	1706.931	R[15]
T [2]	257.210	1657.856	1641.837	1562.845	1640.830	T[14]
S [3]	454.217	1644.772	1528.753	1529.761	1527.745	S[13]
G [4]	511.239	1677.774	1361.755	1362.763	1360.747	G[12]
L [5]	604.323	1620.752	1304.733	1305.741	1303.726	L[11]
V [6]	737.407	1207.668	1391.680	1192.657	1390.642	V[10]
Y [7]	600.470	1694.594	1078.565	1079.573	1077.558	Y[9]
E [8]	1029.513	931.521	915.502	916.510	914.485	E[8]
E [9]	1158.555	802.478	786.459	787.467	785.452	E[7]
T [10]	1259.603	673.436	657.417	658.425	656.400	T[6]
R [11]	1415.704	572.389	556.369	557.377	555.361	R[5]
G [12]	1472.726	418.287	405.268	401.276	399.260	G[4]
V [13]	1511.754	359.265	343.247	344.254	342.239	V[3]
L [14]	1684.878	260.197	244.178	245.186	243.170	L[2]
R [15]	1812.973	147.113	131.094	132.102	130.086	R[1]

sp | P62806 | H4_MOUSE

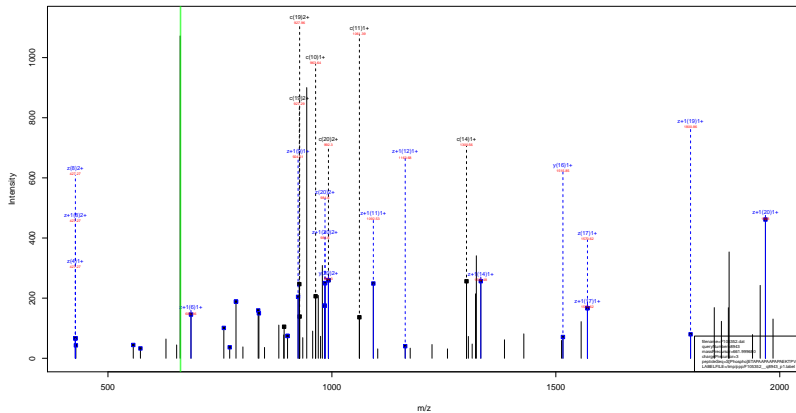
RIS ^{Phospho}_{79.97} GLIYEETRGVLK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=85.52
- ▶ F105352.dat
- ▶ query=q8389_p1
- ▶ precursor=605.323090
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
R[1]	87.571	907.482	899.473	899.977	898.969	R[15]
I[2]	144.113	829.432	821.422	821.926	820.918	I[14]
S[3]	227.612	772.890	764.880	765.384	764.376	S[13]
G[4]	256.123	689.390	681.381	681.885	680.877	G[12]
L[5]	312.665	660.880	652.870	653.374	652.366	L[11]
T[6]	359.207	624.338	596.328	596.832	595.824	T[10]
V[7]	450.739	547.796	539.786	540.290	539.282	V[9]
E[8]	515.260	466.264	458.254	458.759	457.751	E[8]
E[9]	579.781	401.743	393.733	394.237	393.229	E[7]
T[10]	630.305	337.221	329.212	329.716	328.708	T[6]
R[11]	708.356	286.698	278.688	279.192	278.184	R[5]
G[12]	736.866	208.647	200.638	201.142	200.134	G[4]
V[13]	786.401	180.136	172.127	172.631	171.623	V[3]
L[14]	842.943	130.602	122.593	123.097	122.089	L[2]
K[15]	906.990	74.060	66.051	66.555	65.547	K[1]

sp | P43274 | H14_MOUSE

S^{Phospho} ETAPAAPAAPAPAEEKTPVK
79.97



sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.06
- ▶ F105352.dat
- ▶ query=q8943_p1
- ▶ precursor=661.999680
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	185.032	1081.977	1967.960	0.000	1666.950	S[20]
E[2]	314.075	1010.980	1800.962	0.000	1799.954	E[10]
T[3]	415.122	1067.938	1671.919	0.000	1670.911	T[18]
A[4]	486.100	1580.890	1570.871	0.000	1569.864	A[17]
P[5]	583.212	1515.853	1499.834	0.000	1498.826	P[16]
A[6]	654.249	1418.803	1402.791	0.000	1401.774	A[15]
A[7]	725.287	1347.761	1331.744	0.000	1330.737	A[14]
P[8]	822.339	1276.720	1260.707	0.000	1259.699	P[13]
A[9]	893.376	1179.673	1163.654	0.000	1162.647	A[12]
A[10]	964.414	1108.630	1092.617	0.000	1091.610	A[11]
P[11]	1061.466	1037.590	1021.580	0.000	1020.572	P[10]
A[12]	1132.503	940.548	924.527	0.000	923.520	A[9]
P[13]	1203.556	869.509	853.499	0.000	852.491	P[9]
A[14]	1300.593	772.456	756.438	0.000	755.430	A[7]
E[15]	1429.636	701.419	685.400	0.000	684.393	E[0]
K[16]	1557.731	572.377	556.358	957.366	555.350	K[5]
T[17]	1658.779	444.282	428.263	628.271	427.255	T[4]
P[18]	1755.831	343.234	327.215	326.223	326.207	P[3]
V[19]	1854.889	246.181	230.162	231.170	229.155	V[0]
K[20]	1962.995	147.113	131.094	132.102	130.088	K[1]

sp | P43274 | H14_MOUSE

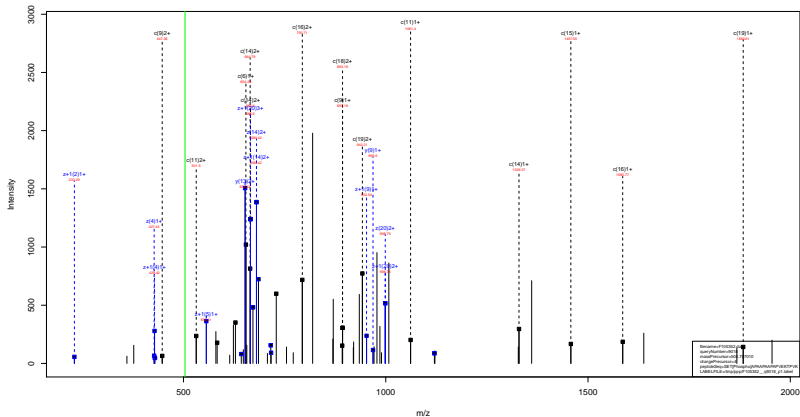
S^{Phospho}_{79.97} ETAPAAPAAPAPAEEKTPVK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.06
- ▶ F105352.dat
- ▶ query=q8943_p1
- ▶ precursor=661.999680
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S [1]	93.020	992.493	984.484	0.504	983.980	S[20]
E [2]	157.541	908.994	900.984	0.504	900.481	E[19]
T [3]	208.060	844.473	836.463	0.504	835.959	T[18]
A [4]	243.583	793.945	785.939	0.504	785.435	A[17]
P [5]	292.110	738.430	730.421	0.504	729.917	P[16]
A [6]	327.628	705.904	701.894	0.504	701.390	A[15]
A [7]	363.147	674.385	666.376	0.504	665.872	A[14]
P [8]	411.673	638.867	630.857	0.504	630.353	P[13]
A [9]	447.192	600.340	582.331	0.504	581.827	A[12]
A [10]	482.710	554.822	546.812	0.504	546.308	A[11]
P [11]	531.237	519.303	511.294	0.504	510.790	P[10]
A [12]	566.755	470.777	462.767	0.504	462.263	A[9]
P [13]	615.282	435.258	427.249	0.504	426.745	P[9]
A [14]	650.800	386.732	378.722	0.504	378.219	A[7]
E [15]	715.322	351.211	343.204	0.504	342.700	E[6]
K [16]	779.869	286.692	278.683	279.187	278.179	K[5]
T [17]	829.893	222.644	214.635	215.139	214.131	T[4]
P [18]	878.419	172.121	164.111	164.615	163.607	P[3]
V [19]	927.953	123.594	115.585	116.089	115.081	V[2]
K [20]	992.001	74.060	66.051	66.555	65.547	K[1]

sp | P43277 | H13_MOUSE

SET (Phospho)
(79.97) APAAPAAPAPVEKTPVK



sp | P43277 | H13_MOUSE

SET (Phospho)
(79.97) APAAPAAPAPVEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.03
- ▶ F105352.dat
- ▶ query=q9018_p1
- ▶ precursor=503.757010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.006	2012.030	1995.901	0.000	1994.983	S[20]
E[2]	234.108	1924.978	1908.959	0.000	1907.951	E[19]
T[3]	415.122	1795.935	1779.917	0.000	1778.909	T[18]
A[4]	486.100	1614.921	1596.903	0.000	1597.895	A[17]
P[5]	583.212	1543.884	1527.866	0.000	1526.858	P[16]
A[6]	654.249	1446.831	1430.813	0.000	1429.805	A[15]
A[7]	725.287	1375.794	1359.776	0.000	1358.768	A[14]
P[8]	822.330	1304.757	1288.739	0.000	1287.731	P[13]
A[9]	893.376	1207.705	1191.686	0.000	1190.678	A[12]
A[10]	964.414	1136.667	1120.649	0.000	1119.641	A[11]
P[11]	1061.466	1065.630	1049.612	0.000	1048.604	P[10]
A[12]	1132.503	968.578	952.559	0.000	951.551	A[9]
P[13]	1239.556	897.540	881.522	0.000	880.514	P[8]
V[14]	1328.625	800.488	784.469	0.000	783.461	V[7]
E[15]	1457.667	701.419	685.400	0.000	684.391	E[6]
K[16]	1585.762	672.377	556.358	557.366	555.350	K[5]
T[17]	1686.810	444.282	428.263	429.271	427.255	T[4]
P[18]	1783.863	343.234	327.215	328.223	326.207	P[3]
V[19]	1882.931	246.181	230.162	231.170	229.155	V[2]
K[20]	2011.925	147.133	131.094	132.102	130.086	K[1]

sp | P43277 | H13_MOUSE

SET (Phospho)
(79.97) APAAPAAPAPVEKTPVK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.03
- ▶ F105352.dat
- ▶ query=q9018_p1
- ▶ precursor=503.757010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	53.037	1006.500	998.499	0.504	997.995	S
E	2	117.558	962.993	954.983	0.504	954.479	E
T	3	208.065	898.471	890.462	0.504	889.958	T
A	4	243.583	807.964	799.955	0.504	799.451	A
P	5	292.110	772.448	764.439	0.504	763.935	P
A	6	327.626	723.910	715.910	0.504	715.406	A
A	7	363.147	688.401	680.391	0.504	679.888	A
P	8	411.673	652.882	644.873	0.504	644.369	P
A	9	447.192	604.356	596.347	0.504	595.843	A
A	10	482.710	568.837	560.828	0.504	560.324	A
P	11	531.237	533.319	525.309	0.504	524.805	P
A	12	566.735	484.792	476.783	0.504	476.279	A
P	13	615.262	449.274	441.264	0.504	440.761	P
V	14	664.816	400.747	392.738	0.504	392.234	V
E	15	729.337	351.211	343.204	0.504	342.700	E
K	16	793.385	286.682	278.683	0.504	278.179	K
T	17	843.909	222.644	214.635	0.504	214.131	T
P	18	892.435	172.121	164.111	0.504	163.607	P
V	19	941.969	123.594	115.585	0.504	115.081	V
K	20	1006.017	74.060	66.051	0.504	65.547	K

sp | P43277 | H13_MOUSE

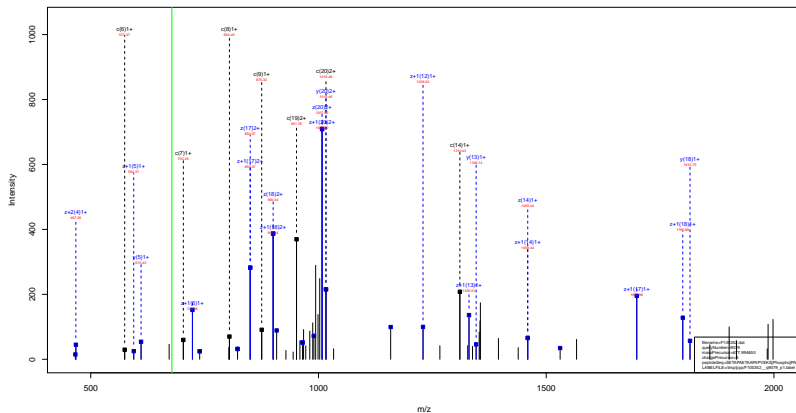
SET (Phospho)
(79.97) APAAPAAPAPVEKTPVK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=35.03
- ▶ F105352.dat
- ▶ query=q9018_p1
- ▶ precursor=503.757010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S [1]	35.693	671.342	666.002	0.672	665.666	S [20]
E [2]	78.708	642.331	636.991	0.672	636.655	E [19]
T [3]	139.046	599.317	593.977	0.672	593.641	T [18]
A [4]	162.725	538.979	533.639	0.672	533.303	A [17]
P [5]	199.076	515.300	509.960	0.672	509.624	P [16]
A [6]	218.755	482.940	477.600	0.672	477.273	A [15]
A [7]	242.434	450.270	445.930	0.672	445.594	A [14]
P [8]	274.785	435.591	430.251	0.672	429.915	P [13]
A [9]	298.464	403.240	397.900	0.672	397.564	A [12]
A [10]	322.143	379.561	374.221	0.672	373.885	A [11]
P [11]	354.494	355.882	350.542	0.672	350.206	P [10]
A [12]	378.173	323.531	318.191	0.672	317.855	A [9]
P [13]	410.524	299.852	294.512	0.672	294.176	P [8]
V [14]	443.546	267.501	262.161	0.672	261.825	V [7]
L [15]	488.901	234.875	229.535	0.672	229.202	L [6]
K [16]	529.259	191.464	186.124	0.672	185.788	K [5]
T [17]	562.941	148.765	143.426	0.672	143.090	T [4]
P [18]	595.292	115.083	109.743	0.672	109.407	P [3]
V [19]	628.315	82.732	77.392	0.672	77.056	V [2]
K [20]	671.014	49.709	44.370	0.672	44.034	K [1]

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS ^{Phospho}PAK
79.97



sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.22
- ▶ F105352.dat
- ▶ query=q9079_p1
- ▶ precursor=677.994650
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	2031.982	2035.945	0.000	2014.937	S[20]
E[2]	234.108	1944.931	1928.913	0.000	1927.905	E[19]
T[3]	335.156	1815.889	1799.870	0.000	1798.862	T[18]
A[4]	406.193	1714.943	1698.822	0.000	1697.815	A[17]
P[5]	503.246	1643.804	1627.785	0.000	1626.777	P[16]
A[6]	674.283	1546.751	1530.733	0.000	1529.725	A[15]
E[7]	761.326	1475.714	1459.695	0.000	1458.688	E[14]
T[8]	864.373	1346.672	1330.653	0.000	1329.645	T[13]
A[9]	875.411	1245.624	1229.605	0.000	1228.597	A[12]
A[10]	968.448	1174.587	1158.568	0.000	1157.560	A[11]
P[11]	1043.500	1103.550	1087.531	0.000	1086.523	P[10]
A[12]	1114.537	1035.497	990.478	0.000	989.470	A[9]
P[13]	1211.590	935.460	919.441	0.000	918.433	P[8]
V[14]	1310.659	838.407	822.388	0.000	821.380	V[7]
E[15]	1439.701	739.339	723.320	0.000	722.312	E[6]
K[16]	1567.796	610.296	594.277	895.205	593.269	K[5]
S[17]	1734.795	482.201	466.182	467.190	465.174	S[4]
P[18]	1833.847	315.203	299.184	303.192	298.176	P[3]
A[19]	1982.884	219.150	202.133	203.139	201.127	A[2]
K[20]	2030.979	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS ^{Phospho} PAK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.22
- ▶ F105352.dat
- ▶ query=q9079_p1
- ▶ precursor=677.994650
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	63.037	1016.485	1008.476	0.504	1007.972	S[20]
E[2]	117.558	972.909	964.960	0.504	964.456	E[10]
T[3]	168.082	908.448	900.439	0.504	899.935	T[18]
A[4]	203.600	857.924	849.915	0.504	849.411	A[17]
P[5]	252.127	822.406	814.396	0.504	813.892	P[16]
A[6]	297.845	773.879	765.870	0.504	765.366	A[15]
E[7]	352.166	738.361	730.351	0.504	729.847	E[14]
T[8]	402.690	678.839	669.830	0.504	668.326	T[13]
A[9]	438.209	623.316	615.306	0.504	614.802	A[12]
A[10]	473.727	587.797	579.788	0.504	579.284	A[11]
P[11]	522.254	552.278	544.269	0.504	543.765	P[10]
A[12]	557.772	507.752	499.743	0.504	499.239	A[9]
P[13]	606.299	482.234	480.224	0.504	480.720	P[9]
V[14]	655.833	416.707	411.698	0.504	411.194	V[7]
E[15]	720.354	370.173	362.164	0.504	361.660	E[0]
K[16]	784.802	305.652	297.642	288.146	297.138	K[5]
S[17]	867.901	241.604	233.595	234.099	233.091	S[4]
P[18]	816.427	158.105	150.096	150.600	149.592	P[3]
A[19]	951.946	109.579	103.569	103.073	101.065	A[0]
R[20]	1015.993	79.060	66.051	66.555	65.547	R[1]

sp | P43274 | H14_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.06
- ▶ F105352.dat
- ▶ query=q9172_p1
- ▶ precursor=516.739940
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	185.632	2063.945	2047.926	0.000	3046.918	S[20]
E[2]	314.075	1896.947	1880.928	0.000	1879.920	E[10]
T[3]	495.080	1767.904	1751.885	0.000	1750.878	T[18]
A[4]	566.126	1586.890	1570.871	0.000	1569.864	A[17]
P[5]	663.179	1315.853	1299.834	0.000	1298.826	P[10]
A[6]	734.216	1018.800	1002.781	0.000	1001.774	A[15]
A[7]	805.253	1347.763	1331.744	0.000	1330.737	A[14]
P[8]	902.306	1276.726	1260.707	0.000	1259.699	P[13]
A[9]	973.343	1179.673	1163.654	0.000	1162.647	A[12]
A[10]	1044.380	1108.636	1092.617	0.000	1091.610	A[11]
P[11]	1141.433	1037.599	1021.580	0.000	1020.572	P[16]
A[12]	1212.470	1049.546	924.527	0.000	923.520	A[9]
P[13]	1309.523	869.509	853.490	0.000	852.483	P[8]
A[14]	1380.560	772.456	756.438	0.000	755.430	A[7]
E[15]	1509.602	701.419	685.400	0.000	684.393	E[6]
K[16]	1637.697	572.377	556.358	557.366	555.350	K[5]
T[17]	1738.745	444.282	428.263	429.271	427.255	T[4]
P[18]	1835.798	343.234	327.215	328.223	326.207	P[3]
V[19]	1934.866	246.181	230.162	231.170	229.155	V[2]
K[20]	2032.961	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ET^{Phospho}_{79.97} APAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.06
- ▶ F105352.dat
- ▶ query=q9172_p1
- ▶ precursor=516.739940
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.620	1032.476	1024.467	0.504	1023.963	S[20]
E[2]	157.541	946.977	940.968	0.504	940.464	E[10]
T[3]	248.048	834.456	876.446	0.504	875.942	T[18]
A[4]	283.567	793.949	785.939	0.504	785.435	A[17]
P[5]	332.093	758.430	750.421	0.504	749.917	P[10]
A[6]	397.612	719.904	701.894	0.504	701.390	A[15]
A[7]	403.130	674.385	666.376	0.504	665.872	A[14]
P[8]	451.656	638.867	630.857	0.504	630.353	P[13]
A[9]	487.175	590.340	582.331	0.504	581.827	A[12]
A[10]	522.694	554.822	546.812	0.504	546.308	A[11]
P[11]	571.220	519.303	511.294	0.504	510.790	P[10]
A[12]	606.739	470.777	462.767	0.504	462.263	A[0]
P[13]	635.265	435.258	427.249	0.504	426.745	P[8]
A[14]	690.783	388.732	378.722	0.504	378.218	A[7]
E[15]	755.305	351.213	343.204	0.504	342.700	E[0]
K[16]	819.352	286.692	278.683	279.187	278.179	K[9]
T[17]	869.876	222.644	214.635	215.139	214.131	T[4]
P[18]	918.402	172.121	164.111	164.615	163.607	P[3]
V[19]	967.937	123.594	115.585	116.089	115.081	V[2]
K[20]	1031.984	74.060	66.051	66.555	65.547	K[1]

sp | P43274 | H14_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=43.06
- ▶ F105352.dat
- ▶ query=q9172.p1
- ▶ precursor=516.739940
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S [1]	62.349	688.653	681.314	0.672	682.978	S[20]
E [2]	105.363	632.987	627.648	0.672	627.312	E[19]
T [3]	185.701	589.973	384.633	0.672	384.297	T[18]
A [4]	189.380	529.635	524.295	0.672	523.959	A[17]
P [5]	221.731	505.956	500.616	0.672	500.280	P[16]
A [6]	245.410	473.605	468.265	0.672	467.929	A[15]
A [7]	269.089	449.926	444.586	0.672	444.250	A[14]
P [8]	301.440	426.247	420.907	0.672	420.571	P[13]
A [9]	325.119	393.696	388.356	0.672	388.020	A[12]
A [10]	348.798	370.217	364.877	0.672	364.541	A[11]
P [11]	381.149	346.538	341.198	0.672	340.862	P[10]
A [12]	404.828	314.187	308.847	0.672	308.511	A[9]
P [13]	437.179	290.508	285.168	0.672	284.832	P[8]
A [14]	460.858	258.157	252.817	0.672	252.481	A[7]
E [15]	503.972	234.471	229.131	0.672	228.795	E[6]
K [16]	546.571	191.464	186.124	186.490	185.788	K[5]
T [17]	580.253	148.765	143.426	143.762	143.090	T[4]
P [18]	612.604	115.083	109.743	110.079	109.407	P[3]
V [19]	645.627	82.732	77.392	77.728	77.056	V[2]
K [20]	688.325	49.709	44.370	44.705	44.034	K[1]

sp | P43274 | H14_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.17
- ▶ F105352.dat
- ▶ query=q9174_p1
- ▶ precursor=688.652760
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	189.032	2063.945	2047.926	0.000	2046.918	S[20]
E[2]	314.075	1896.947	1880.928	0.000	1879.920	E[19]
T[3]	495.089	1767.904	1751.885	0.000	1750.878	T[18]
A[4]	566.126	1588.890	1570.871	0.000	1569.864	A[17]
P[5]	863.179	1515.853	1499.834	0.000	1498.826	P[16]
A[6]	734.216	1318.806	1302.787	0.000	1301.779	A[15]
A[7]	805.253	1147.763	1131.744	0.000	1130.737	A[14]
P[8]	902.306	1270.726	1250.707	0.000	1250.699	P[13]
A[9]	973.343	1179.673	1163.654	0.000	1162.647	A[12]
A[10]	1044.380	1108.636	1092.617	0.000	1091.610	A[11]
P[11]	1141.433	1037.599	1021.580	0.000	1020.572	P[10]
A[12]	1212.670	940.546	924.527	0.000	923.520	A[9]
P[13]	1309.523	869.509	853.490	0.000	852.482	P[8]
A[14]	1380.560	772.456	756.438	0.000	755.430	A[7]
E[15]	1509.602	701.419	685.400	0.000	684.393	E[6]
K[16]	1637.697	672.377	556.358	557.306	555.350	K[5]
T[17]	1738.745	444.282	428.263	429.271	427.255	T[4]
P[18]	1835.798	343.234	327.215	328.223	326.207	P[3]
V[19]	1934.866	246.181	230.162	231.170	230.155	V[2]
K[20]	2052.953	147.113	131.094	130.102	130.086	K[1]

sp | P43274 | H14_MOUSE

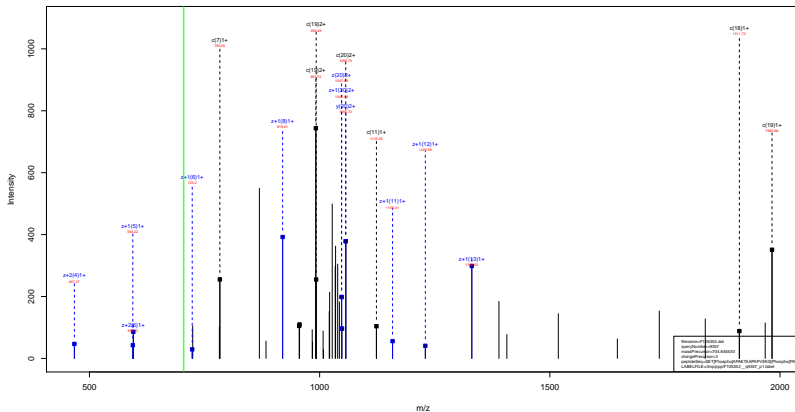
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=31.17
- ▶ F105352.dat
- ▶ query=q9174.p1
- ▶ precursor=688.652760
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	1032.476	1024.467	0.504	1023.963	S[20]
E[2]	157.541	948.977	940.968	0.504	940.464	E[10]
T[3]	248.046	884.456	876.446	0.504	875.942	T[18]
A[4]	283.567	793.940	785.939	0.504	785.435	A[17]
P[5]	332.093	758.430	750.421	0.504	749.917	P[16]
A[6]	397.812	709.904	701.894	0.504	701.390	A[15]
A[7]	403.130	674.385	666.376	0.504	665.872	A[14]
P[8]	451.656	638.867	630.857	0.504	630.353	P[13]
A[9]	487.175	590.340	582.331	0.504	581.827	A[12]
A[10]	522.694	554.822	546.812	0.504	546.308	A[11]
P[11]	571.220	519.303	511.294	0.504	510.790	P[10]
A[12]	606.739	470.777	462.767	0.504	462.263	A[9]
P[13]	655.265	430.250	422.240	0.504	426.745	P[9]
A[14]	690.783	386.732	378.722	0.504	378.218	A[7]
E[15]	755.305	351.213	343.204	0.504	342.700	E[0]
K[16]	819.352	286.692	278.683	279.187	278.179	K[5]
T[17]	869.876	222.644	214.635	215.139	214.131	T[4]
P[18]	918.402	172.121	164.111	164.615	163.607	P[3]
V[19]	967.537	123.594	115.585	116.089	115.081	V[0]
K[20]	1031.984	74.060	66.051	66.555	65.547	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS Phospho PAK
 (79.97) 79.97



sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAK 79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.95
- ▶ F105352.dat
- ▶ query=q9357_p1
- ▶ precursor=704.645530
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.966	2111.910	2095.911	0.000	2094.903	S[20]
E[2]	234.108	2024.998	2008.979	0.000	2007.971	E[19]
T[3]	415.122	1895.855	1879.836	0.000	1878.829	T[18]
A[4]	498.150	1714.941	1698.922	0.000	1697.915	A[17]
P[5]	583.212	1643.804	1627.785	0.000	1626.777	P[16]
A[6]	674.249	1546.751	1530.733	0.000	1529.725	A[15]
E[7]	763.292	1475.714	1459.696	0.000	1458.688	E[14]
V[8]	854.340	1346.672	1330.653	0.000	1329.645	V[13]
A[9]	955.377	1245.624	1229.605	0.000	1228.597	A[12]
A[10]	1006.414	1174.587	1158.568	0.000	1157.560	A[11]
P[11]	1123.467	1103.550	1087.531	0.000	1086.523	P[10]
A[12]	1194.504	1006.497	990.478	0.000	989.470	A[9]
T[13]	1297.557	935.460	919.441	0.000	918.433	T[8]
V[14]	1390.625	838.407	822.388	0.000	821.380	V[7]
E[15]	1519.688	739.359	723.320	0.000	722.312	E[6]
K[16]	1647.763	610.296	594.277	595.285	593.260	K[5]
S[17]	1814.791	482.201	466.182	467.190	465.174	S[4]
P[18]	1911.814	315.203	299.184	300.192	298.176	P[3]
A[19]	1982.851	218.150	202.131	203.139	201.125	A[2]
K[20]	2110.946	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAK 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.95
- ▶ F105352.dat
- ▶ query=q9357_p1
- ▶ precursor=704.645530
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	513.037	1056.469	1048.459	0.504	1047.955	S
E	2	117.558	1012.953	1004.943	0.504	1004.439	E
T	3	208.065	948.431	940.422	0.504	939.918	T
A	4	243.583	857.924	849.915	0.504	849.411	A
P	5	292.110	822.400	814.396	0.504	813.892	P
A	6	327.628	773.879	765.870	0.504	765.366	A
E	7	392.150	738.361	730.351	0.504	729.847	E
T	8	442.673	673.830	665.820	0.504	665.316	T
A	9	478.192	623.310	615.306	0.504	614.802	A
A	10	513.711	587.797	579.788	0.504	579.284	A
P	11	562.237	552.278	544.269	0.504	543.765	P
A	12	597.756	503.752	495.743	0.504	495.239	A
P	13	616.282	468.234	460.224	0.504	459.720	P
V	14	695.516	418.707	411.698	0.504	411.194	V
E	15	760.337	370.173	362.164	0.504	361.660	E
K	16	824.385	309.652	297.642	0.504	297.138	K
S	17	907.894	241.604	233.595	0.504	233.091	S
P	18	956.410	158.105	150.096	0.504	149.592	P
A	19	991.929	106.570	101.569	0.504	101.065	A
K	20	1055.977	74.000	66.951	0.504	66.447	K

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAK 79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.24
- ▶ F105352.dat
- ▶ query=q9358_p1
- ▶ precursor=704.646100
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.966	2111.910	2095.911	0.000	2094.903	S[20]
E[2]	234.108	2024.998	2008.979	0.000	2007.971	E[19]
T[3]	415.122	1895.855	1879.836	0.000	1878.829	T[18]
A[4]	498.150	1714.941	1698.922	0.000	1697.915	A[17]
P[5]	583.212	1643.804	1627.785	0.000	1626.777	P[16]
A[6]	674.249	1546.751	1530.733	0.000	1529.725	A[15]
E[7]	763.292	1478.714	1459.696	0.000	1458.689	E[14]
V[8]	894.340	1348.672	1330.653	0.000	1329.645	V[13]
A[9]	955.377	1245.624	1229.605	0.000	1228.597	A[12]
A[10]	1006.414	1174.587	1158.568	0.000	1157.560	A[11]
P[11]	1123.467	1103.550	1087.531	0.000	1086.523	P[10]
A[12]	1194.504	1006.497	990.478	0.000	989.470	A[9]
T[13]	1297.557	938.460	919.441	0.000	918.433	T[8]
V[14]	1399.625	838.407	822.388	0.000	821.380	V[7]
E[15]	1519.688	739.359	723.320	0.000	722.312	E[6]
K[16]	1647.763	610.290	594.277	595.285	593.260	K[5]
S[17]	1814.781	482.201	466.182	467.190	465.174	S[4]
P[18]	1911.814	315.203	299.184	300.192	298.176	P[3]
A[19]	1982.851	218.150	202.131	203.139	201.125	A[2]
K[20]	2110.946	147.113	131.094	132.102	130.088	K[1]

sp | P43276 | H15_MOUSE

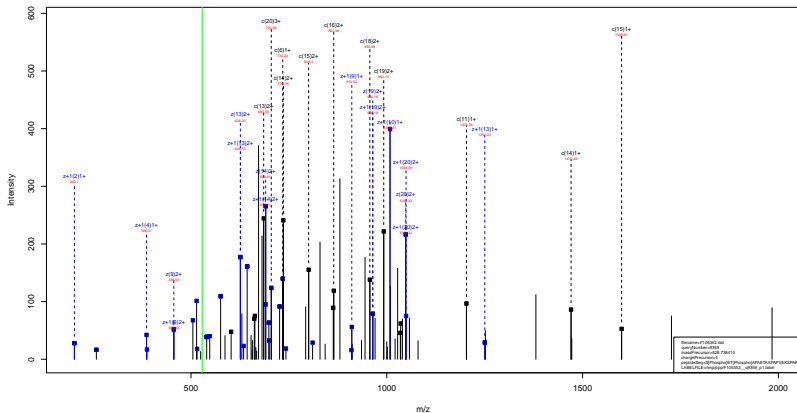
SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAK 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.24
- ▶ F105352.dat
- ▶ query=q9358_p1
- ▶ precursor=704.646100
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	x+1	x+2	z	AA	
S	1	513.037	1056.469	1048.459	0.504	1047.955	S[20]
E	2	117.558	1012.953	1004.943	0.504	1004.430	E[19]
T	3	208.065	948.431	940.422	0.504	939.918	T[18]
A	4	243.583	857.924	849.915	0.504	849.411	A[17]
P	5	292.110	822.400	814.396	0.504	813.892	P[16]
A	6	327.628	773.879	765.870	0.504	765.366	A[15]
E	7	392.150	738.361	730.351	0.504	729.847	E[14]
T	8	442.673	673.830	665.820	0.504	665.320	T[13]
A	9	478.192	623.310	615.306	0.504	614.800	A[12]
A	10	513.711	587.797	579.788	0.504	579.284	A[11]
P	11	562.237	552.270	544.269	0.504	543.765	P[10]
A	12	597.756	503.752	495.743	0.504	495.239	A[9]
T	13	616.282	468.239	460.234	0.504	459.730	T[8]
V	14	695.516	418.727	411.698	0.504	411.194	V[7]
E	15	760.337	370.173	362.164	0.504	361.660	E[6]
K	16	824.385	309.652	297.642	0.504	298.146	K[5]
S	17	907.894	241.604	233.595	0.504	234.099	S[4]
P	18	956.410	158.105	150.096	0.504	149.592	P[3]
A	19	991.929	106.570	101.569	0.504	101.065	A[2]
K	20	1055.977	74.060	68.051	0.504	68.541	K[1]

sp | P43276 | H15_MOUSE

S^{Phospho} ET^{Phospho} APAETAAPAPVEKSPAK
79.97 79.97



sp | P43276 | H15_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEKSPAK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.85
- ▶ F105352.dat
- ▶ query=q9359_p1
- ▶ precursor=528.736410
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	185.032	2111.030	2056.911	0.000	2094.901	S[20]
E[2]	314.075	1944.931	1928.913	0.000	1927.905	E[16]
Y[3]	495.089	1615.889	1799.870	0.000	1798.862	Y[18]
A[4]	596.126	1634.875	1618.856	0.000	1617.848	A[17]
P[5]	663.179	1583.838	1547.819	0.000	1546.811	P[16]
A[6]	734.216	1466.785	1450.766	0.000	1449.758	A[15]
E[7]	863.258	1395.740	1379.720	0.000	1378.712	E[14]
Y[8]	964.306	1296.705	1250.687	0.000	1249.679	Y[13]
A[9]	1035.343	1165.658	1149.639	0.000	1148.631	A[12]
A[10]	1106.380	1094.620	1078.602	0.000	1077.594	A[11]
P[11]	1203.433	1023.583	1007.565	0.000	1006.557	P[10]
A[12]	1274.470	926.531	910.512	0.000	909.504	A[9]
P[13]	1371.523	855.493	839.475	0.000	838.467	P[9]
V[14]	1470.591	758.441	742.422	0.000	741.414	V[7]
E[15]	1599.634	659.372	643.354	0.000	642.346	E[6]
K[16]	1727.729	630.330	614.311	615.319	613.303	K[5]
S[17]	1814.761	402.235	386.216	387.224	385.208	S[4]
P[18]	1911.814	215.203	200.184	200.192	298.176	P[3]
A[19]	1982.851	218.190	202.131	203.139	201.123	A[2]
R[20]	2110.946	147.113	131.094	132.102	130.086	R[1]

sp | P43276 | H15_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEKSPAK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.85
- ▶ F105352.dat
- ▶ query=q9359_p1
- ▶ precursor=528.736410
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	1066.469	1048.459	0.504	1047.955	S[20]
E[2]	157.541	972.969	964.960	0.504	964.456	E[19]
T[3]	249.048	908.448	900.430	0.504	899.935	T[18]
A[4]	283.567	817.941	809.932	0.504	809.429	A[17]
P[5]	332.093	782.422	774.413	0.504	773.909	P[16]
A[6]	387.612	733.906	725.897	0.504	725.393	A[15]
E[7]	432.133	698.378	690.368	0.504	689.864	E[14]
T[8]	482.657	633.856	625.847	0.504	625.343	T[13]
A[9]	518.175	583.332	575.323	0.504	574.819	A[12]
A[10]	553.694	547.814	539.804	0.504	539.301	A[11]
P[11]	602.220	512.295	504.286	0.504	503.782	P[10]
A[12]	637.737	463.769	455.760	0.504	455.256	A[9]
P[13]	686.265	429.250	420.241	0.504	419.737	P[8]
V[14]	735.799	379.724	371.715	0.504	371.211	V[7]
E[15]	800.321	330.190	322.180	0.504	321.676	E[6]
K[16]	864.368	285.668	257.659	250.163	257.155	K[5]
S[17]	907.884	201.621	193.612	194.116	193.108	S[4]
P[18]	956.410	158.105	150.096	150.600	149.592	P[3]
A[19]	991.929	109.579	101.569	102.073	101.065	A[2]
K[20]	1023.977	74.060	68.051	68.555	68.547	K[1]

sp | P43276 | H15_MOUSE

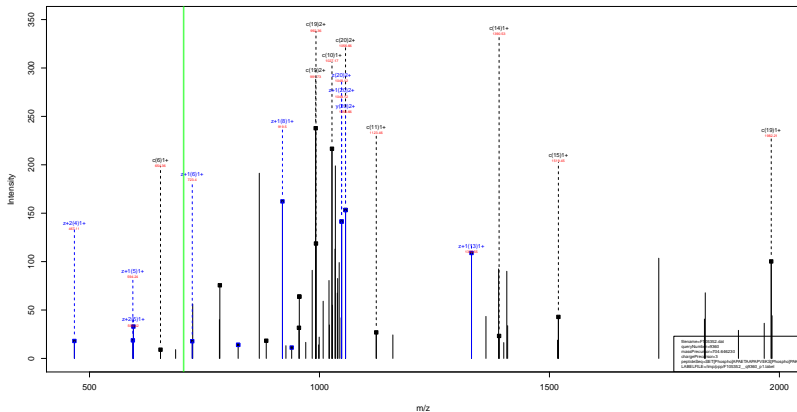
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEKSPA

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.85
- ▶ F105352.dat
- ▶ query=q9359_p1
- ▶ precursor=528.736410
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S [1]	62.349	704.648	699.309	0.672	698.973	S[20]
E [2]	105.363	648.982	643.642	0.672	643.306	E[19]
T [3]	185.701	600.966	595.702	0.672	593.292	T[18]
A [4]	189.380	545.635	540.290	0.672	539.954	A[17]
P [5]	221.731	521.951	516.611	0.672	516.275	P[16]
A [6]	245.410	489.600	484.260	0.672	483.924	A[15]
E [7]	288.424	465.921	460.581	0.672	460.245	E[14]
T [8]	322.107	422.907	417.567	0.672	417.231	T[13]
A [9]	345.786	389.224	383.884	0.672	383.549	A[12]
A [10]	369.465	365.545	360.205	0.672	359.869	A[11]
P [11]	401.816	341.866	336.526	0.672	336.190	P[10]
A [12]	425.495	309.515	304.175	0.672	303.840	A[9]
P [13]	457.846	285.836	280.496	0.672	280.160	P[8]
V [14]	490.209	253.485	248.145	0.672	247.810	V[7]
E [15]	533.283	220.462	215.123	0.672	214.787	E[6]
K [16]	576.581	177.448	172.109	0.672	171.773	K[5]
S [17]	605.592	134.750	129.410	0.672	129.074	S[4]
P [18]	637.943	105.739	100.400	0.672	100.064	P[3]
A [19]	661.622	73.388	68.049	0.672	67.713	A[2]
K [20]	704.320	49.709	44.370	0.672	44.034	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS Phospho PAK
 (79.97) 79.97



sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAK 79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.48
- ▶ F105352.dat
- ▶ query=q9360_p1
- ▶ precursor=704.646230
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.966	2111.910	2095.911	0.000	2094.903	S[20]
E[2]	234.108	2024.998	2008.979	0.000	2007.971	E[19]
T[3]	415.122	1895.855	1879.836	0.000	1878.829	T[18]
A[4]	498.150	1714.841	1698.822	0.000	1697.815	A[17]
P[5]	583.212	1643.804	1627.785	0.000	1626.777	P[16]
A[6]	654.249	1546.751	1530.733	0.000	1529.725	A[15]
E[7]	783.292	1475.714	1459.695	0.000	1458.688	E[14]
V[8]	894.340	1346.672	1330.653	0.000	1329.645	V[13]
A[9]	955.377	1245.624	1229.605	0.000	1228.597	A[12]
A[10]	1026.414	1174.587	1158.568	0.000	1157.560	A[11]
P[11]	1123.467	1103.550	1087.531	0.000	1086.523	P[10]
A[12]	1194.504	1006.497	990.478	0.000	989.470	A[9]
T[13]	1297.557	935.460	919.441	0.000	918.433	T[8]
V[14]	1390.625	838.407	822.388	0.000	821.380	V[7]
E[15]	1519.668	739.359	723.320	0.000	722.312	E[6]
K[16]	1647.763	610.296	594.277	595.285	593.260	K[5]
S[17]	1814.761	482.201	466.182	467.190	465.174	S[4]
P[18]	1911.814	315.203	299.184	300.192	298.176	P[3]
A[19]	1982.851	218.150	202.131	203.139	201.123	A[2]
K[20]	2170.946	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAK 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.48
- ▶ F105352.dat
- ▶ query=q9360_p1
- ▶ precursor=704.646230
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	513.037	1056.469	1048.459	0.504	1047.955	S[20]
E	2	117.558	1012.957	1004.943	0.504	1004.439	E[19]
T	3	208.065	948.431	940.422	0.504	939.918	T[18]
A	4	243.583	857.924	849.915	0.504	849.411	A[17]
P	5	292.110	822.406	814.396	0.504	813.892	P[16]
A	6	327.628	773.879	765.870	0.504	765.366	A[15]
E	7	392.150	738.361	730.351	0.504	729.847	E[14]
T	8	442.673	673.830	665.820	0.504	665.316	T[13]
A	9	478.192	623.310	615.306	0.504	614.800	A[12]
A	10	513.711	587.797	579.788	0.504	579.284	A[11]
P	11	562.237	552.278	544.269	0.504	543.765	P[10]
A	12	597.756	503.752	495.743	0.504	495.239	A[9]
T	13	616.282	468.234	460.224	0.504	459.720	T[8]
V	14	695.516	418.707	411.698	0.504	411.194	V[7]
E	15	766.337	376.173	362.164	0.504	361.660	E[6]
K	16	824.385	309.652	297.642	0.504	297.138	K[5]
S	17	907.894	241.604	233.595	0.504	233.091	S[4]
P	18	956.410	158.105	150.096	0.504	149.592	P[3]
A	19	991.929	106.570	101.569	0.504	101.065	A[2]
K	20	1055.977	74.600	66.591	0.504	66.087	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAK 79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.86
- ▶ F105352.dat
- ▶ query=q9363_p1
- ▶ precursor=704.648200
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.966	2111.910	2095.911	0.000	2094.903	S[20]
E[2]	234.108	2024.998	2008.979	0.000	2007.971	E[19]
T[3]	415.122	1895.855	1879.836	0.000	1878.829	T[18]
A[4]	498.150	1714.841	1698.822	0.000	1697.815	A[17]
P[5]	583.212	1643.804	1627.785	0.000	1626.777	P[16]
A[6]	674.249	1546.751	1530.733	0.000	1529.725	A[15]
E[7]	763.292	1475.714	1459.696	0.000	1458.688	E[14]
V[8]	854.340	1346.672	1330.653	0.000	1329.645	V[13]
A[9]	955.377	1245.624	1229.605	0.000	1228.597	A[12]
A[10]	1036.414	1174.587	1158.568	0.000	1157.560	A[11]
P[11]	1123.467	1103.550	1087.531	0.000	1086.523	P[10]
A[12]	1194.504	1036.497	990.478	0.000	989.470	A[9]
T[13]	1297.557	935.460	919.441	0.000	918.433	T[8]
V[14]	1390.625	838.407	802.388	0.000	801.380	V[7]
E[15]	1519.688	739.339	723.320	0.000	722.312	E[6]
K[16]	1647.763	610.296	594.277	595.285	593.260	K[5]
S[17]	1814.791	482.201	466.182	467.190	465.174	S[4]
P[18]	1911.814	315.203	299.184	300.192	298.176	P[3]
A[19]	1982.851	218.150	202.131	203.139	201.123	A[2]
K[20]	2110.946	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

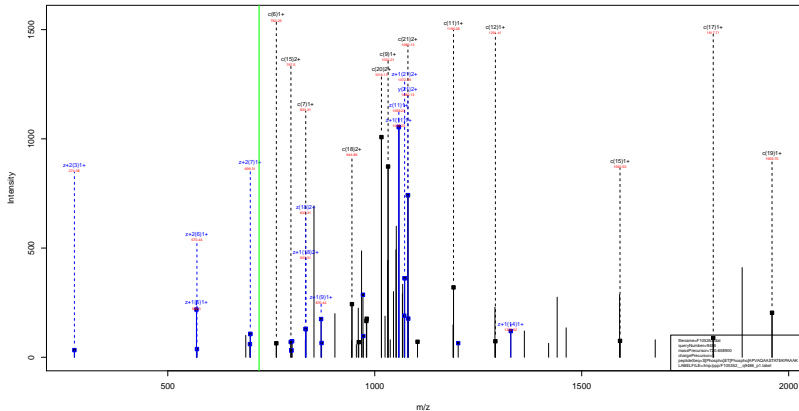
SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAK 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.86
- ▶ F105352.dat
- ▶ query=q9363_p1
- ▶ precursor=704.648200
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	513.037	1056.469	1048.459	0.504	1047.955	S[20]
E	2	117.558	1012.953	1004.943	0.504	1004.439	E[19]
T	3	208.065	948.431	940.422	0.504	939.918	T[18]
A	4	243.583	857.924	849.915	0.504	849.411	A[17]
P	5	292.110	822.400	814.396	0.504	813.892	P[16]
A	6	327.628	773.879	765.870	0.504	765.366	A[15]
E	7	392.150	738.361	730.351	0.504	729.847	E[14]
T	8	442.673	673.830	665.820	0.504	665.320	T[13]
A	9	478.192	623.310	615.306	0.504	614.800	A[12]
A	10	513.711	587.797	579.788	0.504	579.284	A[11]
P	11	562.237	552.270	544.269	0.504	543.765	P[10]
A	12	597.756	503.752	495.743	0.504	495.239	A[9]
T	13	646.282	468.234	460.224	0.504	459.720	T[8]
V	14	695.816	433.707	425.698	0.504	425.194	V[7]
E	15	760.337	378.173	362.164	0.504	361.660	E[6]
K	16	824.385	309.652	297.642	0.504	297.138	K[5]
S	17	907.894	241.604	233.595	0.504	233.091	S[4]
P	18	956.410	158.105	150.096	0.504	149.592	P[3]
A	19	961.929	106.579	101.569	0.504	101.065	A[2]
K	20	1055.977	74.060	66.051	0.504	65.547	K[1]

sp | P43275 | H11_MOUSE

S^{Phospho} ET^{Phospho} APVAQAASTATEK PAAAK
 79.97 79.97



sp | P43275 | H11_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APVAQAASTATEKPAAAK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.11
- ▶ F105352.dat
- ▶ query=q9486.p1
- ▶ precursor=720.658900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	188.032	2159.962	2143.943	0.000	2142.936	S[2]
E	2	314.075	1992.954	1976.946	0.000	1975.937	E[20]
T	3	495.089	1863.921	1847.902	0.000	1846.895	T[19]
A	4	658.126	1692.907	1666.888	0.000	1665.881	A[18]
P	5	863.179	1611.870	1595.851	0.000	1594.844	P[17]
V	6	762.247	1514.817	1498.799	0.000	1497.791	V[16]
A	7	833.284	1415.746	1399.730	0.000	1398.722	A[15]
Q	8	961.343	1344.712	1328.693	1329.701	1327.683	Q[14]
A	9	1032.360	1216.653	1200.634	1201.642	1199.627	A[13]
A	10	1103.417	1149.616	1129.597	1130.605	1128.586	A[12]
S	11	1190.449	1074.579	1058.560	1059.568	1057.552	S[11]
T	12	1291.497	987.547	971.528	972.536	970.520	T[10]
A	13	1362.534	896.499	876.481	871.488	869.477	A[9]
T	14	1463.581	815.462	799.443	806.451	798.436	T[8]
E	15	1592.624	714.434	698.396	699.404	697.388	E[7]
R	16	1723.671	638.373	649.353	670.361	668.345	R[6]
P	17	1817.772	457.277	441.258	442.266	440.250	P[5]
A	18	1888.809	366.224	344.205	345.213	343.188	A[4]
A	19	1959.846	289.187	273.168	274.176	272.160	A[3]
A	20	2030.883	218.150	202.131	203.139	201.123	A[2]
K	21	2158.978	147.113	131.094	132.102	130.086	K[1]

sp | P43275 | H11_MOUSE

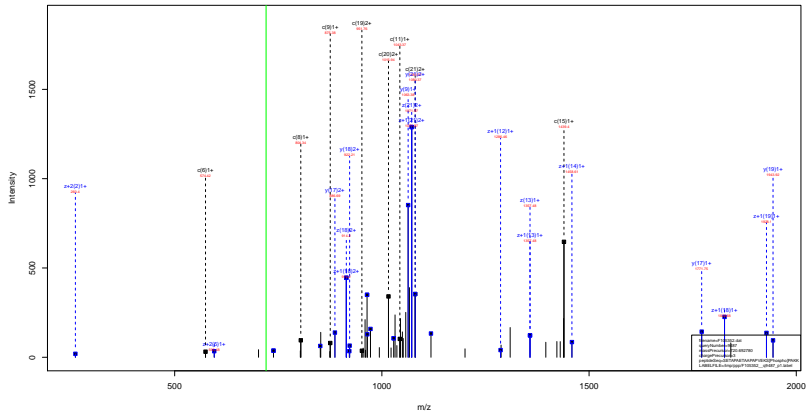
S^{Phospho} 79.97 ET^{Phospho} 79.97 APVAQAASTATEKPAAAK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.11
- ▶ F105352.dat
- ▶ query=q9486_p1
- ▶ precursor=720.658900
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	1080.485	1072.475	0.504	1071.971	S[2]
E[2]	157.541	908.988	988.976	0.504	988.472	E[20]
T[3]	208.048	832.464	832.435	0.504	823.951	T[19]
A[4]	293.597	843.957	833.548	0.504	833.444	A[18]
P[5]	332.093	806.439	798.429	0.504	797.925	P[17]
V[6]	381.627	757.912	749.903	0.504	749.399	V[16]
A[7]	417.146	708.378	700.369	0.504	699.865	A[15]
Q[8]	481.175	672.850	664.850	665.354	664.349	Q[14]
A[9]	518.694	608.820	600.821	601.325	600.317	A[13]
A[10]	552.212	573.317	565.302	565.808	564.789	A[12]
S[11]	595.728	537.793	529.784	530.288	529.280	S[11]
T[12]	646.252	494.277	486.268	486.772	485.764	T[10]
A[13]	681.771	443.753	435.744	436.248	435.240	A[9]
T[14]	732.294	408.235	400.225	400.729	399.721	T[8]
E[15]	796.816	357.711	349.702	350.205	349.198	E[7]
R[16]	850.883	293.199	285.189	285.694	284.678	R[6]
P[17]	909.398	225.147	221.133	221.637	220.629	P[5]
A[18]	944.908	188.616	172.606	173.110	172.102	A[4]
A[19]	980.427	145.097	137.088	137.592	136.584	A[3]
A[20]	1015.945	109.579	101.569	102.073	101.065	A[2]
K[21]	1079.993	74.060	66.051	66.555	65.547	K[1]

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKK
79.97



sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS ^{Phospho}79.97 PAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.21
- ▶ F105352.dat
- ▶ query=q9487.p1
- ▶ precursor=720.692780
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	2160.050	2144.040	0.000	2143.032	S[21]
E[2]	234.108	2073.020	2057.008	0.000	2056.000	E[20]
T[3]	135.150	1943.984	1927.965	0.000	1926.957	T[19]
A[4]	498.193	1842.920	1826.917	0.000	1825.910	A[18]
F[5]	503.246	1771.899	1755.880	0.000	1754.872	F[17]
A[6]	574.283	1674.840	1658.820	0.000	1657.820	A[16]
E[7]	703.326	1603.809	1587.790	0.000	1586.781	E[15]
T[8]	804.373	1474.767	1458.748	0.000	1457.740	T[14]
A[9]	875.411	1372.710	1357.700	0.000	1356.692	A[13]
A[10]	949.448	1302.660	1286.663	0.000	1285.655	A[12]
P[11]	1043.500	1231.645	1215.626	0.000	1214.618	P[11]
A[12]	1114.537	1134.502	1118.573	0.000	1117.565	A[10]
P[13]	1211.590	1063.555	1047.536	0.000	1046.528	P[10]
V[14]	1310.639	966.502	950.483	0.000	949.475	V[9]
E[15]	1439.701	887.438	851.415	0.000	850.407	E[7]
R[16]	1567.756	738.391	722.372	0.000	721.364	R[6]
S[17]	1734.795	610.290	594.277	595.285	593.269	S[5]
P[18]	1831.847	443.208	427.279	428.287	426.271	P[4]
A[19]	1902.884	346.245	330.226	331.234	329.211	A[3]
R[20]	2030.979	275.208	259.189	260.197	258.181	R[2]
K[21]	2159.074	147.110	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS ^{Phospho}PAKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.21
- ▶ F105352.dat
- ▶ query=q9487.p1
- ▶ precursor=720.692780
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	1080.533	1072.523	0.504	1072.020	S[2]
E[2]	117.558	1037.017	1029.007	0.504	1028.504	E[3]
T[3]	168.082	972.496	964.486	0.504	963.983	T[10]
A[4]	203.008	921.972	911.962	0.504	913.458	A[18]
P[5]	252.127	886.453	876.444	0.504	877.040	P[17]
A[6]	297.645	837.927	829.917	0.504	829.413	A[16]
E[7]	352.166	802.408	794.399	0.504	793.895	E[15]
T[8]	402.690	737.887	729.878	0.504	729.374	T[14]
A[9]	438.209	687.363	679.354	0.504	678.850	A[13]
A[10]	473.727	653.943	643.935	0.504	643.331	A[12]
P[11]	522.254	618.328	608.317	0.504	607.813	P[11]
A[12]	557.772	587.800	580.790	0.504	580.286	A[10]
P[13]	606.299	532.281	524.272	0.504	523.768	P[9]
V[14]	655.833	483.755	475.745	0.504	475.241	V[8]
E[15]	720.354	434.220	426.211	0.504	425.707	E[7]
R[16]	784.882	389.699	381.690	0.504	381.186	R[6]
S[17]	867.901	355.657	347.642	0.504	347.138	S[5]
P[18]	916.427	222.152	214.143	0.504	213.639	P[4]
A[19]	951.946	173.629	165.617	0.504	165.113	A[3]
K[20]	1015.993	138.108	130.098	0.504	129.594	K[2]
K[21]	1080.041	74.060	66.051	0.504	65.547	K[1]

sp | P43276 | H15_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEKS^{Phospho} PAK^{Phospho} 79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.24
- ▶ F105352.dat
- ▶ query=q9550_p1
- ▶ precursor=731.303220
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	185.032	2091.895	2175.877	0.000	2174.870	S[20]
E[2]	314.075	2024.898	2008.879	0.000	2007.871	E[10]
Y[3]	495.089	1895.855	1879.836	0.000	1878.829	Y[18]
A[4]	566.126	1714.841	1698.822	0.000	1697.815	A[17]
P[5]	663.179	1643.804	1627.785	0.000	1626.777	P[16]
A[6]	734.216	1346.781	1330.753	0.000	1329.725	A[15]
E[7]	863.258	1175.724	1159.695	0.000	1158.688	E[14]
Y[8]	964.306	1040.672	1030.653	0.000	1029.645	Y[13]
A[9]	1035.343	1245.624	1229.605	0.000	1228.597	A[12]
A[10]	1106.380	1174.587	1158.568	0.000	1157.560	A[11]
P[11]	1203.433	1103.550	1087.531	0.000	1086.523	P[10]
A[12]	1274.470	1030.497	990.478	0.000	989.470	A[9]
P[13]	1371.523	935.460	919.441	0.000	918.433	P[9]
V[14]	1470.591	838.407	822.388	0.000	821.380	V[7]
E[15]	1569.634	739.339	723.320	0.000	722.312	E[6]
K[16]	1727.729	610.296	594.277	593.265	593.260	K[5]
S[17]	1894.727	482.201	466.182	467.190	465.174	S[4]
P[18]	1991.780	315.203	299.184	300.192	298.176	P[3]
A[19]	2052.817	218.150	202.131	203.139	201.123	A[2]
R[20]	2190.912	147.113	131.094	132.102	130.086	R[1]

sp | P43276 | H15_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEKS^{Phospho} PAK^{Phospho} 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=37.24
- ▶ F105352.dat
- ▶ query=q9550.p1
- ▶ precursor=731.303220
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	1096.452	1088.442	0.504	1087.930	S[20]
E[2]	157.541	1012.953	1004.943	0.504	1004.430	E[10]
T[3]	248.046	948.431	940.422	0.504	939.910	T[18]
A[4]	283.507	857.924	849.915	0.504	849.411	A[17]
P[5]	332.093	822.400	814.396	0.504	813.892	P[16]
A[6]	397.812	773.879	765.870	0.504	765.366	A[15]
E[7]	432.133	738.361	730.351	0.504	729.847	E[14]
T[8]	482.697	673.839	665.830	0.504	665.326	T[13]
A[9]	518.175	623.316	615.306	0.504	614.802	A[12]
A[10]	553.694	587.797	579.788	0.504	579.284	A[11]
P[11]	602.220	552.278	544.269	0.504	543.765	P[10]
A[12]	637.739	503.752	495.743	0.504	495.239	A[9]
P[13]	696.305	480.234	469.224	0.504	469.720	P[8]
V[14]	735.799	410.707	411.698	0.504	411.194	V[7]
E[15]	800.321	370.173	362.164	0.504	361.660	E[0]
K[16]	864.308	305.652	297.642	288.146	297.138	K[5]
S[17]	947.867	241.608	233.595	234.099	233.091	S[4]
P[18]	996.394	158.105	150.096	150.600	149.592	P[3]
A[19]	1031.512	109.579	103.569	103.073	101.065	A[0]
R[20]	1095.960	74.060	68.051	68.555	65.547	R[1]

sp | P43274 | H14_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.31
- ▶ F105352.dat
- ▶ query=q9552_p1
- ▶ precursor=548.763010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	185.032	2192.040	2176.021	0.000	2175.013	S[21]
E[2]	31.4.075	2025.042	2009.023	0.000	2008.015	E[20]
T[3]	495.080	1995.990	1878.980	0.000	1878.972	T[19]
A[4]	566.126	1744.965	1698.956	0.000	1599.956	A[18]
P[5]	663.179	1643.940	1627.929	0.000	1626.921	P[17]
A[6]	734.216	1548.895	1530.876	0.000	1529.869	A[16]
A[7]	805.253	1475.850	1459.839	0.000	1458.831	A[15]
P[8]	902.306	1404.821	1388.802	0.000	1387.794	P[14]
A[9]	973.343	1307.760	1291.749	0.000	1290.742	A[13]
A[10]	1044.809	1236.731	1220.712	0.000	1219.705	A[12]
P[11]	1141.433	1185.660	1149.675	0.000	1148.667	P[11]
A[12]	1212.470	1068.641	1052.622	0.000	1051.615	A[10]
P[13]	1309.523	997.600	981.585	0.000	980.578	P[9]
A[14]	1380.560	900.551	884.533	0.000	883.525	A[8]
E[15]	1509.602	828.514	813.495	0.000	812.488	E[7]
R[16]	1637.697	760.472	684.453	683.461	683.443	R[6]
T[17]	1738.745	572.377	556.358	557.366	555.350	T[5]
P[18]	1835.798	471.320	455.310	456.318	454.302	P[4]
V[19]	1934.866	374.270	358.257	359.265	357.250	V[3]
K[20]	2062.901	275.200	259.189	260.197	258.181	K[2]
K[21]	2191.056	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.31
- ▶ F105352.dat
- ▶ query=q9552.p1
- ▶ precursor=548.763010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	1096.524	1088.514	0.504	1088.010	S[21]
E[2]	157.541	1013.024	1005.015	0.504	1004.511	E[20]
T[3]	218.048	849.501	840.004	0.504	839.599	T[19]
A[4]	283.567	857.996	849.987	0.504	849.483	A[18]
P[5]	332.093	822.478	814.468	0.504	813.964	P[17]
A[6]	367.612	773.951	765.942	0.504	765.438	A[16]
A[7]	403.130	738.433	730.423	0.504	729.919	A[15]
P[8]	451.056	702.914	694.905	0.504	694.401	P[14]
A[9]	487.175	664.395	646.378	0.504	645.874	A[13]
A[10]	522.894	618.869	619.360	0.504	610.359	A[12]
P[11]	571.220	583.351	575.343	0.504	574.837	P[11]
A[12]	606.739	534.824	526.815	0.504	526.311	A[10]
P[13]	655.265	499.306	491.296	0.504	490.792	P[9]
A[14]	690.783	450.779	442.770	0.504	442.266	A[8]
E[15]	755.305	415.261	407.251	0.504	406.747	E[7]
K[16]	819.352	350.739	342.730	343.234	342.226	K[6]
T[17]	869.876	280.662	278.663	279.167	278.170	T[5]
P[18]	918.802	230.160	228.159	228.663	227.655	P[4]
V[19]	967.937	187.642	179.632	180.136	179.128	V[3]
K[20]	1031.984	138.108	130.098	130.602	129.594	K[2]
K[21]	1096.032	74.060	66.051	66.555	65.547	K[1]

sp | P43274 | H14_MOUSE

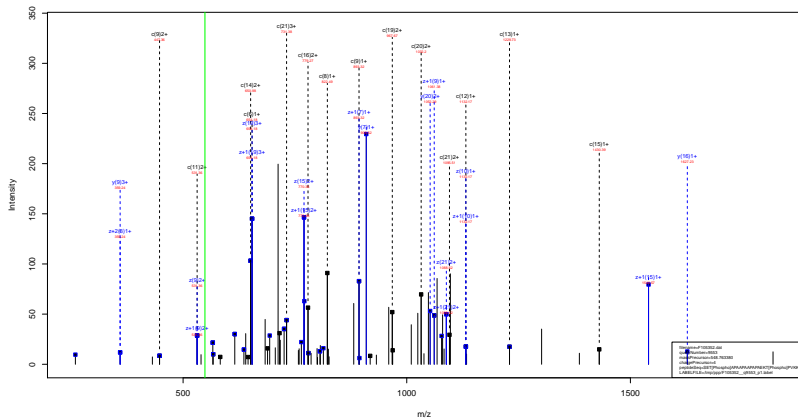
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=43.31
- ▶ F105352.dat
- ▶ query=q9552_p1
- ▶ precursor=548.763010
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	62.349	731.352	726.012	0.672	725.676	S[21]
E[2]	105.363	575.685	670.346	0.672	670.010	E[20]
Y[3]	165.701	532.671	627.332	0.672	626.995	Y[19]
A[4]	109.580	572.333	566.994	0.672	566.658	A[18]
P[5]	221.731	548.654	543.315	0.672	542.979	P[17]
A[6]	245.410	516.303	510.954	0.672	510.628	A[16]
A[7]	269.089	492.624	487.285	0.672	486.949	A[15]
P[8]	301.440	468.945	463.606	0.672	463.270	P[14]
A[9]	325.119	436.594	431.255	0.672	430.919	A[13]
A[10]	348.798	412.915	407.576	0.672	407.240	A[12]
P[11]	381.149	389.236	383.897	0.672	383.561	P[11]
A[12]	404.828	356.885	351.546	0.672	351.210	A[10]
P[13]	437.179	333.206	327.867	0.672	327.531	P[9]
A[14]	460.858	300.855	295.516	0.672	295.180	A[8]
E[15]	503.872	277.176	271.837	0.672	271.501	E[7]
K[16]	546.971	254.105	258.822	229.158	228.487	K[6]
T[17]	580.253	191.464	186.124	186.460	185.788	T[5]
P[18]	612.604	157.781	152.442	152.778	152.105	P[4]
V[19]	645.627	125.430	120.091	120.427	119.755	V[3]
K[20]	688.325	92.407	87.068	87.404	86.732	K[2]
K[21]	731.024	49.709	44.370	44.705	44.034	K[1]

sp | P43274 | H14_MOUSE

SET^{Phospho} 79.97 APAAPAAPAPAEKT^{Phospho} PVKK^{79.97}



sp | P43274 | H14_MOUSE

SET ^{Phospho} APAAPAAPAPAEKT ^{Phospho} PVKK _{79.97} _{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.08
- ▶ F105352.dat
- ▶ query=q9553.p1
- ▶ precursor=548.763380
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	2192.040	2178.021	0.000	2175.011	S[21]
E[2]	234.108	2105.000	2088.989	0.000	2087.981	E[20]
T[3]	415.122	1975.965	1959.947	0.000	1958.939	T[19]
A[4]	488.180	1798.951	1778.933	0.000	1777.925	A[18]
P[5]	583.212	1723.914	1707.896	0.000	1705.888	P[17]
A[6]	654.249	1626.861	1610.843	0.000	1609.835	A[16]
A[7]	725.287	1555.824	1539.806	0.000	1538.798	A[15]
P[8]	822.339	1484.787	1468.769	0.000	1467.761	P[14]
A[9]	893.376	1387.734	1371.716	0.000	1370.708	A[13]
A[10]	964.414	1316.697	1300.679	0.000	1299.671	A[12]
P[11]	1061.466	1245.650	1229.642	0.000	1228.634	P[11]
A[12]	1132.503	1148.608	1132.589	0.000	1131.581	A[10]
P[13]	1229.556	1077.570	1061.552	0.000	1060.544	P[9]
A[14]	1300.593	980.518	964.499	0.000	963.491	A[8]
E[15]	1429.636	909.481	893.462	0.000	892.454	E[7]
K[16]	1517.711	780.438	764.419	385.427	763.411	K[6]
T[17]	1738.745	652.343	636.324	637.312	635.316	T[5]
P[18]	1835.798	471.329	455.310	456.318	454.309	P[4]
V[19]	1934.866	374.276	358.257	359.265	357.256	V[3]
K[20]	2082.961	275.208	259.189	260.197	258.181	K[2]
K[21]	2191.056	147.112	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

SET^{Phospho} APAAPAAPAPA EKT^{Phospho} PVKK^{79.97}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.08
- ▶ F105352.dat
- ▶ query=q9553.p1
- ▶ precursor=548.763380
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	53.037	1096.524	1088.514	0.504	1088.010	S[2]
E	2	117.558	1053.008	1044.998	0.504	1044.494	E[20]
T	3	204.085	885.485	880.477	0.504	879.973	T[19]
A	4	243.583	897.979	893.970	0.504	893.466	A[18]
P	5	292.110	862.461	854.451	0.504	853.947	P[17]
A	6	327.628	813.934	805.925	0.504	805.421	A[16]
A	7	363.147	778.410	770.406	0.504	769.903	A[15]
P	8	411.673	742.897	734.888	0.504	734.384	P[14]
A	9	447.192	694.371	686.362	0.504	685.858	A[13]
A	10	602.710	598.853	650.843	0.504	650.339	A[12]
P	11	531.237	625.335	615.324	0.504	614.820	P[11]
A	12	566.755	574.807	566.798	0.504	566.294	A[10]
P	13	615.282	539.289	531.279	0.504	530.776	P[9]
A	14	650.800	490.762	482.753	0.504	482.249	A[8]
E	15	715.322	455.244	447.235	0.504	446.731	E[7]
R	16	779.369	390.723	382.713	0.504	382.209	R[6]
T	17	890.576	326.672	318.666	0.504	318.162	T[5]
P	18	918.402	256.160	248.150	0.504	247.655	P[4]
V	19	967.937	187.642	179.632	0.504	179.128	V[3]
K	20	1031.984	138.108	130.098	0.504	129.594	K[2]
K	21	1096.032	74.050	66.051	0.504	65.547	K[1]

sp | P43274 | H14_MOUSE

SET^{Phospho} APAAPAAPAPA EKT^{Phospho} PVKK^{79.97}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=68.08
- ▶ F105352.dat
- ▶ query=q9553_p1
- ▶ precursor=548.763380
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	731.352	726.012	0.672	725.676	S[21]
E[2]	78.708	702.341	697.501	0.672	696.665	E[20]
Y[3]	139.046	559.327	653.987	0.672	653.651	Y[19]
A[4]	162.725	598.989	593.649	0.672	593.313	A[18]
P[5]	195.076	575.310	569.970	0.672	569.634	P[17]
A[6]	218.735	542.959	537.619	0.672	537.283	A[16]
A[7]	242.434	519.280	513.940	0.672	513.604	A[15]
P[8]	274.785	495.601	490.261	0.672	489.925	P[14]
A[9]	298.464	463.250	457.910	0.672	457.574	A[13]
A[10]	322.143	439.371	434.231	0.672	433.895	A[12]
P[11]	354.494	415.392	410.352	0.672	410.216	P[11]
A[12]	378.173	383.541	378.201	0.672	377.865	A[10]
P[13]	410.524	359.862	354.522	0.672	354.186	P[9]
A[14]	434.203	327.511	322.171	0.672	321.835	A[8]
E[15]	477.217	303.832	298.492	0.672	298.156	E[7]
K[16]	519.915	280.817	275.478	295.814	295.142	K[6]
T[17]	580.253	218.119	212.780	213.116	212.444	T[5]
P[18]	612.604	157.781	152.442	152.778	152.105	P[4]
V[19]	645.627	125.430	120.091	120.427	119.755	V[3]
K[20]	688.325	36.407	37.068	37.404	36.732	K[2]
K[21]	731.024	49.709	44.370	44.705	44.034	K[1]

sp | P43274 | H14_MOUSE

S^(Phospho) ETAPAAPAAPAPAEKT^{Phospho} PVKK_{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.66
- ▶ F105352.dat
- ▶ query=q9554.p1
- ▶ precursor=548.763500
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	185.032	2192.040	2176.021	0.000	2175.011	S[21]
E	2	314.075	2025.042	2009.023	0.000	2008.015	E[20]
T	3	415.122	1895.999	1879.980	0.000	1878.972	T[19]
A	4	489.169	1794.951	1778.933	0.000	1777.925	A[18]
P	5	583.212	1723.914	1707.896	0.000	1706.888	P[17]
A	6	654.249	1626.861	1610.843	0.000	1609.835	A[16]
A	7	725.287	1559.824	1539.806	0.000	1538.798	A[15]
P	8	822.339	1484.787	1468.769	0.000	1467.761	P[14]
A	9	893.376	1387.734	1371.716	0.000	1370.708	A[13]
A	10	964.414	1316.697	1300.679	0.000	1299.671	A[12]
P	11	1061.466	1245.660	1229.642	0.000	1228.634	P[11]
A	12	1132.503	1148.608	1132.589	0.000	1131.581	A[10]
P	13	1229.556	1077.570	1061.552	0.000	1060.544	P[9]
A	14	1300.593	980.510	964.499	0.000	963.491	A[8]
E	15	1429.636	909.481	893.462	0.000	892.454	E[7]
R	16	1557.731	780.438	764.419	785.427	763.411	R[6]
T	17	1738.748	652.341	636.324	637.312	636.305	T[5]
P	18	1835.798	471.320	465.303	456.318	454.302	P[4]
V	19	1934.866	374.270	368.257	359.265	357.250	V[3]
R	20	2062.901	275.208	259.189	260.197	258.181	R[2]
R	21	2191.056	147.113	131.094	132.102	130.086	R[1]

sp | P43274 | H14_MOUSE

S^(Phospho) (79.97) ETAPAAPAAPAPAEKT^{Phospho} PVKK (79.97)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.66
- ▶ F105352.dat
- ▶ query=q9554.p1
- ▶ precursor=548.763500
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	1096.524	1088.514	0.504	1088.010	S[2]
E[2]	157.541	1013.024	1005.015	0.504	1004.511	E[20]
T[3]	208.065	948.503	940.494	0.504	939.990	T[19]
A[4]	243.583	897.979	889.970	0.504	889.466	A[18]
P[5]	292.110	862.461	854.451	0.504	853.947	P[17]
A[6]	327.628	813.934	805.925	0.504	805.421	A[16]
A[7]	363.147	778.410	770.406	0.504	769.903	A[15]
P[8]	411.673	742.897	734.888	0.504	734.384	P[14]
A[9]	447.192	694.371	686.362	0.504	685.859	A[13]
A[10]	482.710	658.852	650.843	0.504	650.339	A[12]
P[11]	531.237	623.334	615.324	0.504	614.820	P[11]
A[12]	566.755	574.807	566.798	0.504	566.294	A[10]
P[13]	615.282	539.289	531.279	0.504	530.776	P[9]
A[14]	650.800	490.762	482.753	0.504	482.249	A[8]
E[15]	715.322	455.244	447.235	0.504	446.731	E[7]
K[16]	779.369	396.723	382.713	383.217	382.206	K[6]
T[17]	869.876	329.673	318.666	319.170	318.163	T[5]
P[18]	918.402	239.150	228.159	228.663	227.655	P[4]
V[19]	967.937	187.642	179.632	180.136	179.128	V[3]
K[20]	1031.984	138.108	130.098	130.602	129.594	K[2]
R[21]	1096.032	74.000	66.051	66.555	65.547	R[1]

sp | P43274 | H14_MOUSE

S^(Phospho) (79.97) ETAPAAPAAPAPAEKT^{Phospho} (79.97) PVKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=41.66
- ▶ F105352.dat
- ▶ query=q9554_p1
- ▶ precursor=548.763500
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	62.349	731.352	726.012	0.672	725.676	S[21]
E[2]	105.363	675.685	670.306	0.672	670.010	E[20]
T[3]	139.046	632.677	627.332	0.672	626.995	T[19]
A[4]	162.725	598.089	593.649	0.672	593.113	A[18]
P[5]	195.076	575.310	569.970	0.672	569.634	P[17]
A[6]	218.735	542.959	537.619	0.672	537.283	A[16]
A[7]	242.434	519.280	513.940	0.672	513.604	A[15]
P[8]	274.785	495.601	490.261	0.672	489.925	P[14]
A[9]	298.464	463.250	457.910	0.672	457.574	A[13]
A[10]	322.143	439.571	434.231	0.672	433.895	A[12]
P[11]	354.494	415.892	410.552	0.672	410.216	P[11]
A[12]	378.173	393.541	378.201	0.672	377.865	A[10]
P[13]	410.524	359.862	354.522	0.672	354.186	P[9]
A[14]	434.203	327.511	322.171	0.672	321.835	A[8]
E[15]	477.217	303.832	298.492	0.672	298.156	E[7]
K[16]	519.915	260.817	255.478	255.814	255.142	K[6]
T[17]	580.293	218.119	212.780	213.116	212.444	T[5]
P[18]	612.604	157.781	152.442	152.778	152.106	P[4]
V[19]	645.627	125.430	120.091	120.427	119.755	V[3]
K[20]	688.325	92.407	87.068	87.404	86.732	K[2]
K[21]	731.624	49.700	44.370	44.705	44.034	K[1]

sp | P43274 | H14_MOUSE

SET ^{Phospho} APAAPAAPAPAEKT ^{Phospho} PVKK _{79.97} _{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.04
- ▶ F105352.dat
- ▶ query=q9555_p1
- ▶ precursor=548.763940
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	2192.040	2178.021	0.000	2175.013	S[21]
E[2]	234.108	2105.008	2088.989	0.000	2087.981	E[20]
T[3]	413.222	1975.965	1959.947	0.000	1958.939	T[19]
A[4]	486.160	1794.951	1778.933	0.000	1777.925	A[18]
P[5]	583.212	1723.914	1707.896	0.000	1706.888	P[17]
A[6]	654.249	1626.861	1610.843	0.000	1609.835	A[16]
A[7]	725.287	1555.824	1539.806	0.000	1538.798	A[15]
P[8]	822.339	1484.787	1468.769	0.000	1467.761	P[14]
A[9]	893.376	1387.734	1371.716	0.000	1370.708	A[13]
A[10]	964.414	1316.697	1300.679	0.000	1299.671	A[12]
P[11]	1061.466	1245.660	1229.642	0.000	1228.634	P[11]
A[12]	1132.503	1148.608	1132.589	0.000	1131.581	A[10]
P[13]	1229.556	1077.570	1061.552	0.000	1060.544	P[9]
A[14]	1300.593	980.518	964.499	0.000	963.491	A[8]
E[15]	1429.636	909.481	893.462	0.000	892.454	E[7]
K[16]	1557.731	780.438	764.419	785.427	763.411	K[6]
T[17]	1738.748	652.341	636.324	637.312	636.314	T[5]
P[18]	1835.798	571.325	555.307	456.318	454.302	P[4]
V[19]	1934.866	374.276	358.257	359.265	357.250	V[3]
K[20]	2062.961	275.208	259.189	260.197	258.181	K[2]
K[21]	2191.056	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

SET ^{Phospho} 79.97 APAAPAAPAPAEKT ^{Phospho} 79.97 PVKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.04
- ▶ F105352.dat
- ▶ query=q9555.p1
- ▶ precursor=548.763940
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	53.037	1096.524	1088.514	0.504	1088.010	S[2]
E	2	117.558	1053.008	1044.998	0.504	1044.494	E[20]
T	3	204.005	985.485	980.477	0.504	979.973	T[19]
A	4	243.583	897.971	893.970	0.504	889.466	A[18]
P	5	292.130	862.461	854.451	0.504	853.947	P[17]
A	6	327.628	813.934	805.925	0.504	805.421	A[16]
A	7	363.147	778.410	770.406	0.504	769.903	A[15]
P	8	411.673	742.897	734.888	0.504	734.384	P[14]
A	9	447.192	694.371	686.362	0.504	685.858	A[13]
A	10	492.710	658.857	650.843	0.504	650.339	A[12]
P	11	531.237	623.333	615.324	0.504	614.820	P[11]
A	12	566.755	574.807	566.798	0.504	566.294	A[10]
P	13	615.282	539.289	531.279	0.504	530.776	P[9]
A	14	650.800	499.762	482.753	0.504	482.249	A[8]
E	15	715.322	455.244	447.235	0.504	446.731	E[7]
R	16	779.369	399.723	382.713	0.504	382.209	R[6]
T	17	809.576	326.672	318.666	0.504	318.162	T[5]
P	18	918.402	236.150	228.139	0.504	227.635	P[4]
V	19	967.937	187.642	179.632	0.504	179.128	V[3]
K	20	1031.984	138.108	130.098	0.504	129.594	K[2]
K	21	1096.032	74.050	66.051	0.504	65.547	K[1]

sp | P43274 | H14_MOUSE

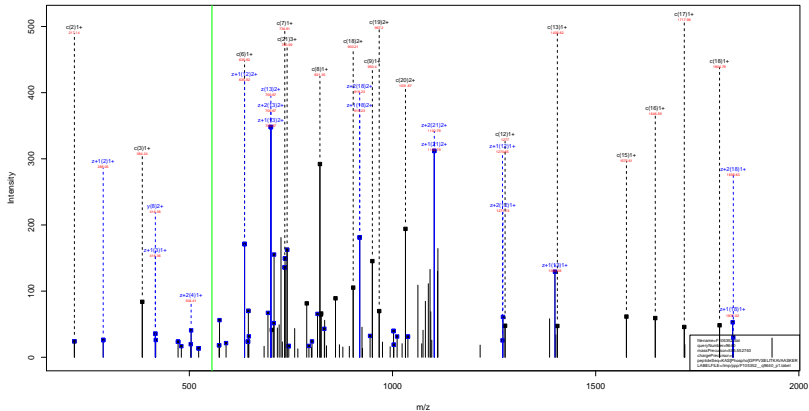
SET^{Phospho} APAAPAAPAPA EKT^{Phospho} PVKK^{79.97}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.04
- ▶ F105352.dat
- ▶ query=q9555_p1
- ▶ precursor=548.763940
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	731.352	726.012	0.672	725.676	S[21]
E[2]	78.708	702.341	697.001	0.672	696.665	E[20]
Y[3]	139.046	659.327	653.987	0.672	653.651	Y[19]
A[4]	162.725	598.989	593.649	0.672	593.313	A[18]
P[5]	195.076	575.310	569.970	0.672	569.634	P[17]
A[6]	218.735	542.959	537.619	0.672	537.283	A[16]
A[7]	242.434	519.280	513.940	0.672	513.604	A[15]
P[8]	274.785	495.601	490.261	0.672	489.925	P[14]
A[9]	298.464	463.250	457.910	0.672	457.574	A[13]
A[10]	322.143	439.371	434.231	0.672	433.895	A[12]
P[11]	354.494	415.392	410.352	0.672	410.216	P[11]
A[12]	378.173	383.541	378.201	0.672	377.865	A[10]
P[13]	410.524	359.862	354.522	0.672	354.186	P[9]
A[14]	434.203	327.511	322.171	0.672	321.835	A[8]
E[15]	477.217	303.832	298.492	0.672	298.156	E[7]
K[16]	519.915	280.817	275.478	295.814	295.142	K[6]
T[17]	580.253	218.119	212.780	213.116	212.444	T[5]
P[18]	612.604	157.781	152.442	152.778	152.105	P[4]
V[19]	645.627	125.430	120.091	120.427	119.755	V[3]
K[20]	688.325	36.407	37.068	37.404	36.732	K[2]
K[21]	731.024	49.709	44.370	44.705	44.034	K[1]

sp | P15864 | H12_MOUSE

KAS Phospho 79.97 GPPVSELITKAVAASKER



sp | P15864 | H12_MOUSE

KAS ^{Phospho} 79.97 GPPVSELITKAVAASKER

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=87.40
- ▶ F105352.dat
- ▶ query=q9640_p1
- ▶ precursor=555.552740
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
K	1	166.129	2219.180	2201.161	2204.169	2202.153	K[21]
A	2	217.166	2061.085	2075.066	2076.074	2074.058	A[20]
S	3	384.164	2030.047	2094.032	2035.037	2043.021	S[19]
G	4	443.136	1853.040	1837.030	1838.038	1836.021	G[18]
F	5	538.238	1796.025	1780.009	1781.017	1779.001	F[17]
P	6	635.291	1698.075	1682.056	1683.064	1681.048	P[16]
V	7	734.360	1601.022	1585.003	1586.011	1584.006	V[15]
S	8	821.392	1502.854	1486.835	1487.843	1485.827	S[14]
E	9	950.434	1415.622	1395.603	1400.611	1398.595	E[13]
L	10	1063.318	1308.778	1270.760	1271.768	1269.751	L[12]
I	11	1176.602	1173.695	1157.676	1158.684	1156.668	I[11]
T	12	1277.650	1060.611	1044.592	1045.600	1043.584	T[10]
K	13	1405.745	959.563	943.545	944.552	942.537	K[9]
A	14	1476.782	831.468	815.450	816.457	814.442	A[8]
V	15	1575.851	760.431	744.412	745.420	743.405	V[7]
A	16	1648.888	681.383	643.344	646.352	644.338	A[6]
A	17	1717.925	590.326	574.307	575.315	573.299	A[5]
S	18	1804.957	519.289	503.270	504.278	502.262	S[4]
K	19	1983.052	432.257	416.238	417.246	415.230	K[3]
E	20	2062.094	304.162	288.143	289.151	287.135	E[2]
R	21	2218.196	175.119	159.100	160.108	158.092	R[1]

sp | P15864 | H12_MOUSE

KAS ^{Phospho} 79.97 GPPVSELITKAVAASKER

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=87.40
- ▶ F105352.dat
- ▶ query=q9640_p1
- ▶ precursor=555.552740
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	79.568	1110.001	1102.084	1102.588	1101.580	R[21]
A[2]	109.007	1046.046	1038.037	1038.540	1037.533	A[20]
S[3]	192.596	1010.527	1002.518	1003.022	1002.014	S[19]
G[4]	221.097	927.048	918.019	919.523	918.515	G[18]
F[5]	259.623	868.517	869.508	871.013	869.505	F[17]
P[6]	318.140	849.091	841.952	842.486	841.478	P[16]
V[7]	387.683	801.465	793.455	793.959	792.951	V[15]
S[8]	411.199	751.030	743.931	744.425	743.417	S[14]
E[9]	475.724	708.414	708.405	708.509	699.501	E[13]
L[10]	532.263	643.893	635.884	636.388	635.380	L[12]
I[11]	588.805	559.321	579.542	579.046	578.538	I[11]
T[12]	639.329	530.809	522.800	523.304	522.296	T[10]
K[13]	703.376	480.285	472.276	472.780	471.772	K[9]
A[14]	738.895	416.238	408.228	408.732	407.725	A[8]
V[15]	788.429	380.719	372.710	373.214	372.206	V[7]
A[16]	823.947	331.385	323.376	323.880	322.872	A[6]
A[17]	859.466	295.666	287.657	288.161	287.153	A[5]
S[18]	902.982	260.148	252.139	252.642	251.635	S[4]
K[19]	967.030	216.632	208.623	209.126	208.119	K[3]
E[20]	1031.551	152.584	144.575	145.079	144.071	E[2]
R[21]	1189.001	88.063	80.054	80.558	79.550	R[1]

sp | P15864 | H12_MOUSE

KAS ^{Phospho} 79.97 GPPVSELITKAVAASKER

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=87.40
- ▶ F105352.dat
- ▶ query=q9640_p1
- ▶ precursor=555.552740
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
K[1]	49.381	740.396	735.058	735.394	734.723	K[21]
A[2]	73.050	657.726	652.387	692.696	692.024	A[20]
S[3]	138.726	674.021	668.681	669.017	668.345	S[19]
G[4]	147.733	618.355	613.015	613.351	612.679	G[18]
P[5]	180.084	599.347	594.008	594.344	593.672	P[17]
P[6]	212.435	566.996	561.657	561.993	561.321	P[16]
V[7]	245.458	534.646	529.306	529.642	528.970	V[15]
S[8]	274.469	501.623	496.283	496.619	495.947	S[14]
E[9]	317.483	472.612	467.272	467.608	466.937	E[13]
L[10]	353.178	429.595	424.255	424.594	423.922	L[12]
I[11]	392.872	391.903	386.564	386.900	386.228	I[11]
I[12]	426.555	354.208	348.869	349.205	348.533	I[10]
K[13]	469.253	320.526	315.186	315.522	314.850	K[9]
A[14]	492.932	277.828	272.488	272.824	272.152	A[8]
V[15]	525.995	254.149	248.809	249.145	248.473	V[7]
A[16]	549.634	221.126	215.786	216.122	215.450	A[6]
A[17]	573.313	197.447	192.107	192.443	191.771	A[5]
S[18]	602.324	173.768	168.428	168.764	168.092	S[4]
K[19]	645.022	144.797	139.417	139.753	139.082	K[3]
L[20]	698.024	102.099	96.719	97.056	96.383	L[2]
R[21]	740.070	59.045	53.705	54.041	53.369	R[1]

sp | P43277 | H13_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPVEKTPVKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=29.78
- ▶ F105352.dat
- ▶ query=q9646_p1
- ▶ precursor=740.694750
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	185.032	2220.071	2204.053	0.000	2203.045	S[2]
E[2]	314.075	2053.073	2037.054	0.000	2036.046	E[3]
T[3]	495.089	1924.030	1908.012	0.000	1907.005	T[4]
A[4]	596.126	1743.010	1726.998	0.000	1725.990	A[5]
P[5]	663.179	1671.979	1655.960	0.000	1654.953	P[6]
A[6]	734.216	1574.920	1558.908	0.000	1557.900	A[7]
A[7]	805.253	1503.889	1487.871	0.000	1486.863	A[8]
P[8]	902.306	1432.852	1416.834	0.000	1415.826	P[9]
A[9]	973.343	1335.799	1319.781	0.000	1318.773	A[10]
A[10]	1044.389	1264.762	1248.744	0.000	1247.736	A[11]
P[11]	1141.433	1193.725	1177.707	0.000	1176.699	P[12]
A[12]	1212.470	1096.672	1080.654	0.000	1079.646	A[13]
P[13]	1309.523	1025.635	1009.617	0.000	1008.609	P[14]
V[14]	1408.591	928.583	912.564	0.000	911.556	V[15]
E[15]	1537.634	828.514	813.495	0.000	812.488	E[16]
K[16]	1665.728	709.472	694.453	685.461	683.443	K[17]
T[17]	1766.776	572.377	556.358	557.366	555.350	T[18]
P[18]	1863.829	471.329	455.310	456.318	454.302	P[19]
V[19]	1962.897	374.276	358.257	359.265	357.250	V[20]
K[20]	2090.992	273.200	259.189	260.197	258.181	K[21]
K[21]	2219.087	147.113	131.094	132.102	130.086	K[22]

sp | P43277 | H13_MOUSE

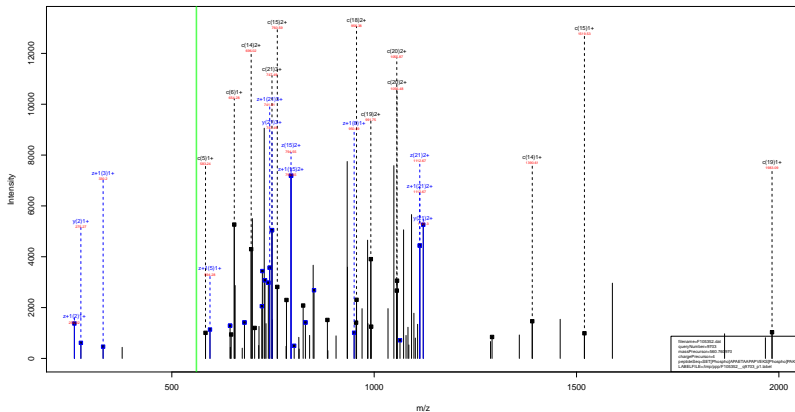
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPVEKTPVKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=29.78
- ▶ F105352.dat
- ▶ query=q9646.p1
- ▶ precursor=740.694750
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	1110.539	1102.530	0.504	1102.026	S[21]
E[2]	157.541	1027.040	1019.031	0.504	1018.527	E[20]
T[3]	248.948	962.319	954.309	0.504	954.005	T[19]
A[4]	283.507	872.017	864.002	0.504	863.490	A[18]
P[5]	332.093	836.493	828.484	0.504	827.980	P[17]
A[6]	367.612	787.967	779.958	0.504	779.454	A[16]
A[7]	403.130	752.449	744.439	0.504	743.935	A[15]
P[8]	451.656	716.930	708.920	0.504	708.416	P[14]
A[9]	487.175	686.403	680.394	0.504	680.890	A[13]
A[10]	522.694	632.885	624.875	0.504	624.372	A[12]
P[11]	571.220	597.366	589.357	0.504	588.853	P[11]
A[12]	606.739	548.840	540.831	0.504	540.327	A[10]
P[13]	655.265	513.321	505.312	0.504	504.808	P[9]
V[14]	704.799	464.795	456.786	0.504	456.282	V[8]
E[15]	769.320	415.261	407.251	0.504	406.747	E[7]
K[16]	833.268	360.739	342.730	343.234	342.226	K[6]
T[17]	881.892	286.692	278.683	279.187	278.175	T[5]
P[18]	932.418	236.158	228.159	228.663	227.655	P[4]
V[19]	981.952	187.642	179.632	180.136	179.128	V[3]
K[20]	1046.000	138.108	130.098	130.602	129.594	K[2]
K[21]	1110.047	74.000	66.051	66.555	65.541	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS Phospho PAKK
 (79.97) 79.97



Database: P43276_H15_MOUSE
 Search: Phospho
 Change: Phospho
 Label: Phospho
 Label: Phospho

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAKK 79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.81
- ▶ F105352.dat
- ▶ query=q9703_p1
- ▶ precursor=560.760970
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA		
S	1	105.066	2240.025	2224.006	0.000	2222.998	S	21
E	2	234.108	2152.993	2136.974	0.000	2135.966	E	20
T	3	415.122	2023.950	2007.931	0.000	2006.923	T	19
A	4	499.160	1842.938	1826.917	0.000	1825.910	A	18
P	5	583.212	1771.899	1755.880	0.000	1754.872	P	17
A	6	654.249	1674.846	1658.828	0.000	1657.820	A	16
E	7	783.292	1603.809	1587.790	0.000	1586.783	E	15
T	8	884.340	1474.767	1458.748	0.000	1457.740	T	14
A	9	955.377	1373.719	1357.700	0.000	1356.692	A	13
A	10	1026.414	1302.682	1286.663	0.000	1285.655	A	12
P	11	1123.467	1231.645	1215.626	0.000	1214.618	P	11
A	12	1194.504	1134.592	1118.573	0.000	1117.565	A	10
P	13	1291.557	1063.555	1047.536	0.000	1046.528	P	9
V	14	1390.625	966.502	950.483	0.000	949.475	V	8
E	15	1519.668	867.434	851.415	0.000	850.407	E	7
K	16	1647.763	738.391	722.372	723.380	721.364	K	6
S	17	1814.781	610.288	594.277	595.285	593.269	S	5
P	18	1911.814	443.288	427.279	428.287	426.271	P	4
A	19	1982.851	346.245	330.226	331.234	329.218	A	3
K	20	2110.946	275.208	259.189	260.197	258.181	K	2
K	21	2239.041	147.113	131.094	132.102	130.086	K	1

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAKK 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.81
- ▶ F105352.dat
- ▶ query=q9703_p1
- ▶ precursor=560.760970
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA		c	y	z+1	z+2	z	AA
S	1	53.037	1120.516	1112.507	0.504	1112.003	S[2]
E	2	117.558	1077.000	1068.991	0.504	1068.487	E[20]
T	3	208.065	1012.470	1004.460	0.504	1003.955	T[19]
A	4	243.583	922.972	913.962	0.504	913.457	A[18]
P	5	292.110	886.451	878.444	0.504	877.940	P[17]
A	6	327.628	837.927	829.917	0.504	829.413	A[16]
E	7	392.150	802.408	794.399	0.504	793.895	E[15]
T	8	442.673	737.887	729.878	0.504	729.374	T[14]
A	9	478.192	687.363	679.354	0.504	678.850	A[13]
A	10	513.711	651.842	643.835	0.504	643.331	A[12]
P	11	562.237	616.320	608.313	0.504	607.809	P[11]
A	12	597.756	567.800	559.790	0.504	559.286	A[10]
P	13	646.282	532.281	524.272	0.504	523.768	P[9]
V	14	695.816	483.755	475.745	0.504	475.241	V[8]
E	15	760.337	434.220	426.211	0.504	425.707	E[7]
K	16	824.385	389.690	381.680	382.174	381.166	K[6]
S	17	897.904	359.652	351.642	352.136	351.130	S[5]
P	18	956.410	222.152	214.143	214.637	213.630	P[4]
A	19	991.929	173.620	165.611	166.121	165.113	A[3]
K	20	1055.977	138.108	130.098	130.602	129.594	K[2]
R	21	1120.024	74.000	66.051	66.555	65.547	R[1]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAKK 79.97

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.81
- ▶ F105352.dat
- ▶ query=q9703_p1
- ▶ precursor=560.760970
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	747.346	742.007	0.672	741.671	S[21]
E[2]	78.708	718.339	712.998	0.672	712.660	E[20]
T[3]	139.046	675.322	669.982	0.672	669.645	T[19]
A[4]	162.725	614.984	609.644	0.672	609.308	A[18]
P[5]	195.076	591.305	585.965	0.672	585.629	P[17]
A[6]	218.735	558.954	553.614	0.672	553.278	A[16]
E[7]	261.769	535.275	529.935	0.672	529.599	E[15]
T[8]	295.451	492.260	486.921	0.672	486.585	T[14]
A[9]	319.130	458.578	453.238	0.672	452.902	A[13]
A[10]	342.810	434.899	429.559	0.672	429.223	A[12]
P[11]	375.160	411.220	405.880	0.672	405.544	P[11]
A[12]	398.839	378.869	373.529	0.672	373.193	A[10]
P[13]	431.190	355.190	349.850	0.672	349.514	P[9]
V[14]	454.213	322.839	317.499	0.672	317.163	V[8]
E[15]	507.227	289.816	284.476	0.672	284.141	E[7]
K[16]	549.926	246.802	241.462	241.798	241.126	K[6]
S[17]	605.592	204.104	198.764	199.100	198.428	S[5]
P[18]	637.943	148.437	143.098	143.434	142.762	P[4]
A[19]	661.622	116.086	110.747	111.083	110.411	A[3]
K[20]	704.320	92.407	87.068	87.404	86.732	K[2]
K[21]	747.018	49.709	44.370	44.705	44.034	K[1]

sp|P43275|H11_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APVAQAASTATEKPAAAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.50
- ▶ F105352.dat
- ▶ query=q9808_p1
- ▶ precursor=572.768660
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	185.032	2288.057	2272.038	0.000	2271.011	S[2]
E[2]	314.078	2121.059	2105.040	0.000	2104.012	E[3]
T[3]	495.089	1992.010	1975.997	0.000	1974.969	T[20]
A[4]	566.126	1811.002	1794.983	0.000	1793.976	A[10]
F[5]	663.179	1739.965	1723.956	0.000	1722.938	F[18]
V[6]	762.247	1642.912	1626.894	0.000	1625.880	V[17]
A[7]	833.264	1543.844	1527.825	0.000	1526.811	A[16]
Q[8]	901.343	1472.807	1456.788	1487.796	1486.789	Q[15]
A[9]	1032.380	1344.748	1328.729	1329.737	1327.722	A[14]
A[10]	1103.417	1273.711	1257.692	1258.700	1256.684	A[13]
S[11]	1190.449	1202.674	1186.655	1187.663	1185.647	S[12]
T[12]	1291.497	1115.642	1099.623	1100.631	1098.615	T[11]
A[13]	1362.534	1014.596	998.575	999.583	997.565	A[10]
T[14]	1463.581	943.557	927.538	928.546	926.531	T[9]
E[15]	1592.624	842.500	826.491	827.499	825.483	E[8]
R[16]	1720.719	713.467	697.448	698.456	696.440	R[7]
P[17]	1817.772	585.372	569.353	570.361	568.345	P[6]
A[18]	1888.809	488.319	472.300	473.308	471.293	A[5]
A[19]	1959.846	417.282	401.263	402.271	400.255	A[4]
A[20]	2030.883	346.243	330.226	331.234	329.218	A[3]
K[21]	2188.978	275.208	259.189	260.197	258.181	K[2]
K[22]	2287.073	147.113	131.094	132.102	130.088	K[1]

sp|P43275|H11_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APVAQAASTATEKPAAAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.50
- ▶ F105352.dat
- ▶ query=q9808_p1
- ▶ precursor=572.768660
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	03.620	1148.532	1136.523	0.504	1136.019	S[2]
E[3]	137.941	1061.033	1053.024	0.504	1052.520	E[2]
V[3]	248.048	998.512	988.502	0.504	987.998	V[20]
A[4]	283.567	906.005	897.995	0.504	897.491	A[10]
F[5]	332.093	870.489	862.477	0.504	861.973	F[18]
V[6]	381.627	821.960	813.950	0.504	813.446	V[17]
A[7]	417.146	722.426	714.416	0.504	703.912	A[16]
Q[8]	483.178	736.907	728.898	729.402	728.394	Q[15]
A[9]	516.694	672.878	664.868	665.372	664.364	A[14]
A[10]	552.212	637.350	629.350	629.854	628.846	A[13]
S[11]	599.728	601.841	593.831	594.335	593.327	S[12]
T[12]	646.252	558.325	550.315	550.819	549.811	T[11]
A[13]	681.771	507.801	499.791	500.295	499.281	A[10]
V[14]	718.294	472.282	464.273	464.777	463.769	V[9]
E[15]	796.816	421.758	413.749	414.253	413.249	E[8]
R[16]	860.983	357.237	349.228	349.732	348.724	R[7]
F[17]	909.390	293.190	285.180	285.684	284.676	F[6]
A[18]	944.908	244.663	236.654	237.158	236.150	A[5]
A[19]	980.427	209.145	201.135	201.639	200.631	A[4]
A[20]	1015.945	173.629	165.617	166.121	165.113	A[3]
R[21]	1079.993	138.108	130.098	130.602	129.594	R[2]
R[22]	1144.040	74.580	66.051	66.555	65.541	R[1]

sp | P43275 | H11_MOUSE

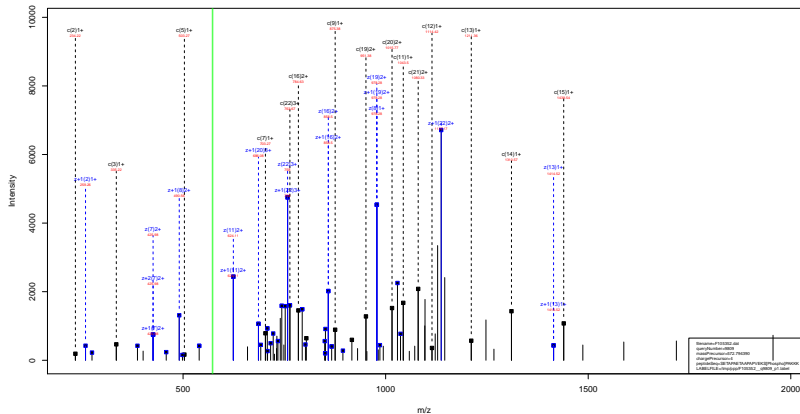
S^{Phospho} 79.97 ET^{Phospho} 79.97 APVAQAASTATEKPAAAKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.50
- ▶ F105352.dat
- ▶ query=q9808_p1
- ▶ precursor=572.768660
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	62.949	763.357	758.018	0.672	757.682	S[22]
E[2]	105.363	707.691	702.352	0.672	702.016	E[21]
T[3]	165.701	664.677	659.337	0.672	659.001	T[20]
A[4]	189.380	604.339	598.999	0.672	598.663	A[19]
P[5]	221.731	580.660	575.320	0.672	574.984	P[18]
V[6]	254.754	548.305	542.965	0.672	542.633	V[17]
A[7]	278.433	515.262	509.947	0.672	509.611	A[16]
Q[8]	321.119	491.607	486.268	0.672	485.932	Q[15]
A[9]	344.798	448.921	443.581	0.672	443.245	A[14]
A[10]	368.477	425.242	419.902	0.672	419.566	A[13]
S[11]	397.488	401.563	396.223	0.672	395.887	S[12]
T[12]	431.170	372.552	367.213	0.672	366.877	T[11]
A[13]	454.849	338.870	333.530	0.672	333.194	A[10]
T[14]	488.532	315.191	309.851	0.672	309.515	T[9]
E[15]	531.546	281.508	276.168	0.672	275.832	E[8]
K[16]	574.245	238.494	233.154	0.672	232.818	K[7]
T[17]	608.566	195.795	190.455	0.672	190.120	T[6]
A[18]	630.274	163.445	158.105	0.672	157.769	A[5]
A[19]	653.954	130.766	125.426	0.672	125.090	A[4]
A[20]	677.633	116.085	110.747	0.672	110.411	A[3]
K[21]	720.331	92.407	87.068	0.672	86.732	K[2]
K[22]	763.029	49.700	44.370	0.672	44.034	K[1]

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKKK
79.97



sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS ^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.40
- ▶ F105352.dat
- ▶ query=q9809_p1
- ▶ precursor=572.794390
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	s+1	s+2	z	AA
S 1	195.056	2288.153	2272.135	0.000	2271.121	S 22
E 2	234.108	2201.121	2185.103	0.000	2184.095	E 21
T 3	335.156	2072.079	2056.060	0.000	2055.052	T 20
A 4	406.193	1971.031	1955.012	0.000	1954.005	A 19
F 5	503.246	1899.994	1883.975	0.000	1882.967	F 18
A 6	574.283	1802.941	1786.922	0.000	1785.915	A 17
E 7	703.326	1731.904	1715.885	0.000	1714.878	E 16
T 8	804.373	1602.861	1586.843	0.000	1585.835	T 15
A 9	875.411	1501.814	1485.795	0.000	1484.787	A 14
A 10	946.448	1430.777	1414.758	0.000	1413.750	A 13
F 11	1043.500	1359.740	1343.721	0.000	1342.713	F 12
A 12	1114.537	1262.687	1246.668	0.000	1245.660	A 11
P 13	1211.590	1181.650	1175.631	0.000	1174.623	P 10
V 14	1310.659	1094.597	1078.578	0.000	1077.570	V 9
E 15	1439.701	995.529	979.510	0.000	978.502	E 8
K 16	1507.790	866.486	850.467	851.475	849.459	K 7
S 17	1734.795	736.391	722.372	723.380	721.364	S 6
P 18	1831.847	671.393	655.374	656.382	654.366	P 5
A 19	1902.884	474.340	458.321	459.329	457.313	A 4
K 20	2030.939	408.292	387.284	388.292	386.276	K 3
K 21	2159.074	275.208	259.189	260.197	258.181	K 2
K 22	2287.109	147.113	131.094	132.102	130.086	K 1

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.40
- ▶ F105352.dat
- ▶ query=q9809_p1
- ▶ precursor=572.794390
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	51.037	1144.580	1136.571	0.504	1136.067	S[2]
E[2]	117.558	1101.054	1092.955	0.504	1092.551	E[3]
T[3]	168.082	1036.543	1028.534	0.504	1028.030	T[20]
A[4]	203.600	986.019	978.010	0.504	977.506	A[10]
F[5]	252.127	950.501	942.491	0.504	941.987	F[18]
A[6]	287.645	903.978	893.965	0.504	893.461	A[17]
E[7]	352.166	866.456	858.446	0.504	857.942	E[10]
T[8]	402.690	801.936	793.925	0.504	793.421	T[15]
A[9]	438.209	751.411	743.401	0.504	742.897	A[14]
A[10]	473.727	715.892	707.883	0.504	707.379	A[13]
F[11]	522.254	680.373	672.364	0.504	671.860	F[12]
A[12]	557.772	631.847	623.838	0.504	623.334	A[11]
P[13]	606.290	596.320	588.310	0.504	587.805	P[10]
V[14]	655.813	547.802	538.793	0.504	539.289	V[0]
E[15]	720.354	498.268	490.259	0.504	489.755	E[8]
K[16]	784.402	433.747	425.737	426.241	425.233	K[7]
S[17]	867.901	369.699	361.690	362.194	361.188	S[0]
F[18]	916.427	286.200	278.191	278.694	277.687	F[5]
A[19]	951.946	237.674	229.664	230.168	229.160	A[4]
K[20]	1013.993	202.153	194.146	194.650	193.642	K[3]
K[21]	1080.041	130.100	130.608	130.602	129.596	K[1]
K[22]	1144.088	74.060	66.051	66.555	65.547	K[1]

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=72.40
- ▶ F105352.dat
- ▶ query=q9809_p1
- ▶ precursor=572.794390
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	763.389	758.050	0.672	757.714	S[22]
E[2]	78.708	734.379	729.039	0.672	728.703	E[21]
T[3]	112.300	691.364	686.025	0.672	685.689	T[20]
A[4]	136.069	657.862	652.342	0.672	652.006	A[19]
P[5]	168.420	634.003	628.663	0.672	628.327	P[18]
A[6]	182.099	601.652	596.312	0.672	595.976	A[17]
E[7]	239.113	577.973	572.633	0.672	572.297	E[16]
T[8]	268.796	534.950	529.610	0.672	529.273	T[15]
A[9]	292.475	501.276	495.937	0.672	495.601	A[14]
A[10]	316.154	477.597	472.258	0.672	471.922	A[13]
P[11]	348.505	453.918	448.578	0.672	448.243	P[12]
A[12]	372.184	421.567	416.228	0.672	415.892	A[11]
P[13]	404.535	397.888	392.549	0.672	392.213	P[10]
V[14]	437.558	365.537	360.198	0.672	359.862	V[9]
E[15]	480.572	332.514	327.175	0.672	326.839	E[8]
K[16]	523.270	299.500	294.161	294.497	293.825	K[7]
S[17]	578.936	266.802	261.463	261.798	261.126	S[6]
P[18]	611.297	191.130	185.790	185.132	185.460	P[3]
A[19]	634.966	158.785	153.445	153.781	153.109	A[4]
K[20]	677.665	135.105	129.766	130.102	129.430	K[3]
K[21]	720.363	92.407	87.068	87.404	86.732	K[2]
K[22]	763.061	49.700	44.370	44.705	44.034	K[1]

sp | P43274 | H14_MOUSE

S^(Phospho) (79.97) ETAPAAPAAPAPA EKT^{Phospho} PVKKK 79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.40
- ▶ F105352.dat
- ▶ query=q9875_p1
- ▶ precursor=580.788840
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S	185.032	2020.175	2384.516	0.000	2003.100	S[22]
E	314.075	2153.137	2137.118	0.000	2136.110	E[21]
V	415.122	2024.094	2008.075	0.000	2007.061	V[20]
A	406.160	1923.046	1907.028	0.000	1906.020	A[19]
P	583.212	1852.009	1835.990	0.000	1834.983	P[18]
A	654.249	1754.956	1738.938	0.000	1737.930	A[17]
A	725.287	1683.919	1667.901	0.000	1666.893	A[16]
T	822.339	1612.882	1596.863	0.000	1595.855	T[15]
A	893.376	1515.825	1499.811	0.000	1498.803	A[14]
A	964.414	1444.792	1428.774	0.000	1427.766	A[13]
P	1061.466	1373.755	1357.737	0.000	1356.729	P[12]
A	1132.503	1276.702	1260.684	0.000	1259.676	A[11]
P	1229.556	1205.665	1189.647	0.000	1188.639	P[10]
A	1300.593	1108.613	1092.594	0.000	1091.586	A[9]
T	1439.636	1037.575	1021.557	0.000	1020.549	T[8]
K	1553.731	908.533	892.514	893.522	891.505	K[7]
T	1738.745	780.438	764.419	765.427	763.411	T[6]
P	1835.798	599.424	583.405	584.413	582.397	P[5]
V	1934.866	502.371	486.352	487.360	485.345	V[4]
K	2062.961	403.303	387.284	388.292	386.276	K[3]
K	2191.056	275.206	259.189	260.197	258.181	K[2]
K	2319.151	147.113	131.094	132.102	130.086	K[1]

sp | P43274 | H14_MOUSE

S^(Phospho) (79.97) ETAPAAPAAPAPAEKT^{Phospho} PVKKK 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.40
- ▶ F105352.dat
- ▶ query=q9875_p1
- ▶ precursor=580.788840
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	93.020	1180.971	1152.562	0.504	1152.056	S[2]
E[2]	157.541	1077.072	1069.063	0.504	1068.550	E[2]
T[3]	208.065	1012.551	1004.541	0.504	1004.037	T[20]
A[4]	243.583	962.037	954.037	0.504	953.534	A[19]
F[5]	292.110	926.508	918.499	0.504	917.995	F[18]
A[6]	327.628	877.982	869.973	0.504	869.469	A[17]
A[7]	363.147	842.463	834.454	0.504	833.950	A[16]
T[8]	411.673	806.943	798.933	0.504	798.430	T[15]
A[9]	447.192	750.418	750.409	0.504	749.905	A[14]
A[10]	482.710	725.900	714.890	0.504	714.387	A[13]
P[11]	531.237	687.381	679.372	0.504	678.868	P[12]
A[12]	566.755	638.855	630.846	0.504	630.342	A[11]
P[13]	615.282	603.336	595.327	0.504	594.823	P[10]
A[14]	650.800	564.810	546.801	0.504	546.297	A[9]
T[15]	715.322	519.293	511.282	0.504	510.778	T[8]
K[16]	779.369	454.770	446.761	0.504	446.257	K[17]
T[17]	869.876	390.723	382.713	0.504	382.209	T[6]
P[18]	918.402	300.210	292.206	0.504	291.702	P[5]
V[19]	967.937	251.689	243.680	0.504	243.176	V[4]
K[20]	1031.984	202.155	194.146	0.504	193.642	K[3]
K[21]	1096.032	138.108	130.098	0.504	129.594	K[2]
K[22]	1160.079	74.060	66.051	0.504	65.547	K[1]

sp | P43274 | H14_MOUSE

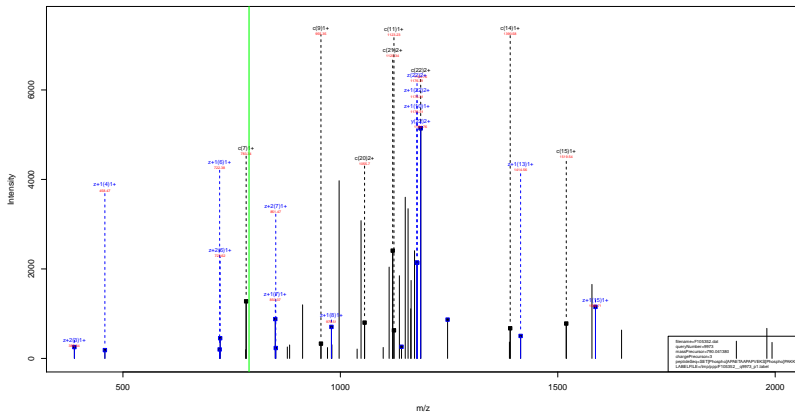
S^(Phospho) (79.97) ETAPAAPAAPAPAEKT^{Phospho} PVKKK 79.97

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.40
- ▶ F105352.dat
- ▶ query=q9875_p1
- ▶ precursor=580.788840
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	62.949	774.050	768.710	0.672	768.374	S[22]
E[2]	105.363	718.384	713.044	0.672	712.708	E[21]
T[3]	139.046	675.370	670.030	0.672	669.694	T[20]
A[4]	162.725	641.687	636.347	0.672	636.011	A[19]
P[5]	195.076	618.008	612.668	0.672	612.332	P[18]
A[6]	218.755	585.657	580.317	0.672	579.981	A[17]
A[7]	242.434	561.978	556.638	0.672	556.302	A[16]
P[8]	274.785	538.299	532.959	0.672	532.623	P[15]
A[9]	298.464	505.940	500.600	0.672	500.272	A[14]
A[10]	322.143	482.260	476.920	0.672	476.593	A[13]
P[11]	354.494	458.590	453.250	0.672	452.914	P[12]
A[12]	378.173	426.239	420.899	0.672	420.563	A[11]
P[13]	410.524	402.560	397.220	0.672	396.884	P[10]
A[14]	434.203	370.209	364.869	0.672	364.534	A[9]
E[15]	477.217	346.530	341.190	0.672	340.854	E[8]
K[16]	519.915	303.516	298.176	298.512	297.840	K[7]
T[17]	580.253	260.817	255.478	255.814	255.142	T[6]
P[18]	612.604	230.475	195.140	195.476	194.804	P[9]
V[19]	645.627	188.129	162.789	163.125	162.453	V[4]
K[20]	698.525	135.195	129.756	130.102	129.430	K[3]
K[21]	731.024	92.407	87.068	87.404	86.732	K[2]
K[22]	773.722	49.709	44.370	44.705	44.034	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAKKK (79.97)



sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAKKK (79.97)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.86
- ▶ F105352.dat
- ▶ query=q9973_p1
- ▶ precursor=790.041380
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA						
S	105	668	2108	170	2182	101	S[22]					
E	2	234	108	2281	889	2285	669	0.000	2264	061	E[21]	
Y	3	415	122	2152	045	2136	626	0.000	2135	019	Y[20]	
A	4	486	160	1971	031	1955	012	0.000	1954	005	A[19]	
P	5	563	212	1899	994	1883	975	0.000	1882	967	P[18]	
A	6	654	249	1802	941	1786	922	0.000	1785	915	A[17]	
E	7	783.292	1731	904	1715	885	0.000	1714	878	E[16]		
T	8	874	740	1262	861	1586.843	0.000	1585	835	T[15]		
A	9	955.377	1501	814	1485	795	0.000	1484	787	A[14]		
A	10	1026	414	1430	777	1414.758	0.000	1413	750	A[13]		
P	11	1123.467	1359	740	1343	721	0.000	1342	713	P[12]		
A	12	1194	504	1262	687	1246.668	0.000	1245	660	A[11]		
P	13	1291	557	1191	650	1175.631	0.000	1174	623	P[10]		
V	14	1396.625	1094	597	1078	578	0.000	1077	570	V[9]		
E	15	1519.468	996	576	979.510	0.000	978	562	E[8]			
K	16	1657	763	956	485	850.467	851.475	0.000	849	455	K[7]	
S	17	1814	761	738	391	722.372	723.380	0.000	721	364	S[6]	
P	18	1911	814	671	393	555	374	556	382	554	368	P[5]
A	19	1982	851	674	349	456.321	459	329	457	313	A[4]	
K	20	2110	946	403	303	387	284	388.292	386	270	K[3]	
K	21	2239	941	275	206	259	189	260	197	258	181	K[2]
K	22	2367	136	147	113	131	694	132	102	130	688	K[1]

sp | P43276 | H15_MOUSE

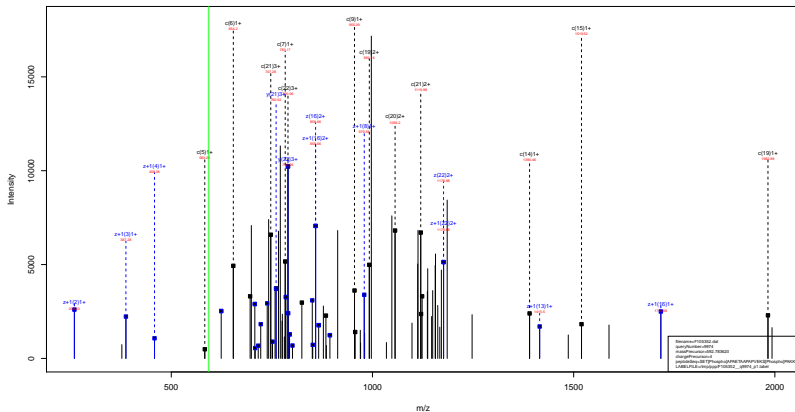
SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAKKK 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.86
- ▶ F105352.dat
- ▶ query=q9973_p1
- ▶ precursor=790.041380
- ▶ chargePrecursor=3
- ▶ itol=0.8

AA	c	y	a+1	a+2	z	AA
S[1]	53.037	1184.563	1176.354	0.504	1176.050	S[2]
E[2]	117.938	1141.047	1137.838	0.504	1136.534	E[2]
T[3]	208.065	1078.528	1068.517	0.504	1068.013	T[20]
A[4]	243.583	986.019	978.010	0.504	977.506	A[10]
P[5]	292.110	950.501	942.491	0.504	941.987	P[18]
A[6]	327.628	901.974	893.965	0.504	893.461	A[17]
E[7]	392.150	866.456	858.446	0.504	857.942	E[16]
T[8]	442.673	803.938	793.929	0.504	793.425	T[15]
A[9]	478.192	753.411	743.401	0.504	742.897	A[14]
A[10]	513.711	715.892	707.883	0.504	707.379	A[13]
P[11]	562.237	680.373	672.364	0.504	671.860	P[12]
A[12]	597.756	631.847	623.838	0.504	623.334	A[11]
P[13]	646.282	596.328	588.319	0.504	587.815	P[10]
V[14]	695.816	547.802	539.793	0.504	539.289	V[0]
E[15]	760.337	499.283	489.274	0.504	488.770	E[6]
K[16]	824.885	433.747	425.737	438.241	425.233	K[7]
S[17]	907.884	369.699	361.690	362.194	361.188	S[0]
P[18]	956.410	289.200	278.191	278.694	277.687	P[5]
A[19]	991.929	237.674	229.664	230.168	229.160	A[0]
K[20]	1055.977	202.155	194.146	194.650	193.642	K[3]
K[21]	1138.024	138.109	130.098	130.602	129.596	K[2]
K[22]	1184.071	78.060	66.051	66.555	65.547	K[0]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS Phospho PAKKK
(79.97) 79.97



sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAKKK 79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.55
- ▶ F105352.dat
- ▶ query=q9974_p1
- ▶ precursor=592.783620
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	305.958	2388.170	2382.301	0.000	2351.091	S[2]
E	2	234.108	2281.089	2285.099	0.000	2264.061	E[2]
V	3	415.122	2152.045	2136.026	0.000	2135.019	V[20]
A	4	486.160	1971.031	1955.012	0.000	1954.005	A[19]
F	5	583.212	1899.994	1883.975	0.000	1882.967	F[18]
A	6	654.249	1802.941	1786.922	0.000	1785.915	A[17]
E	7	783.292	1731.904	1715.885	0.000	1714.878	E[16]
T	8	854.340	1662.861	1659.843	0.000	1658.835	T[15]
A	9	955.377	1501.814	1485.795	0.000	1484.787	A[14]
A	10	1026.814	1430.777	1414.758	0.000	1413.750	A[13]
P	11	1123.467	1359.740	1343.721	0.000	1342.713	P[12]
A	12	1194.504	1262.687	1246.668	0.000	1245.660	A[11]
P	13	1291.557	1191.650	1175.631	0.000	1174.623	P[10]
V	14	1396.625	1094.597	1078.578	0.000	1077.570	V[9]
E	15	1519.668	999.529	979.510	0.000	978.502	E[8]
K	16	1547.763	864.486	850.467	851.475	849.459	K[7]
S	17	1814.791	738.391	722.372	723.380	721.364	S[0]
P	18	1911.814	571.393	555.374	556.382	554.366	P[5]
A	19	1982.851	474.340	458.321	459.329	457.313	A[4]
K	20	2110.946	403.303	387.284	388.292	386.276	K[3]
K	21	2239.041	275.206	259.189	260.197	258.181	K[2]
K	22	2367.136	147.113	131.094	132.102	130.086	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAKKK 79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.55
- ▶ F105352.dat
- ▶ query=q9974_p1
- ▶ precursor=592.783620
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA	
S	1	108.563	1176.534	0.504	1176.050	S[2]	
E	2	117.558	1141.047	1113.030	0.504	1132.534	E[2]
V	3	208.005	1078.528	1058.517	0.504	1068.013	V[20]
A	4	243.583	986.019	978.010	0.504	977.506	A[19]
P	5	292.110	950.501	942.491	0.504	941.987	P[18]
A	6	327.628	901.974	893.965	0.504	893.461	A[17]
E	7	392.150	866.456	858.446	0.504	857.942	E[16]
T	8	432.873	801.934	793.925	0.504	793.421	T[15]
A	9	478.192	751.411	743.401	0.504	742.897	A[14]
A	10	513.711	715.892	707.883	0.504	707.379	A[13]
P	11	562.237	680.373	672.364	0.504	671.860	P[12]
A	12	597.756	631.847	623.838	0.504	623.334	A[11]
P	13	646.282	596.328	588.319	0.504	587.815	P[10]
V	14	695.816	547.802	539.793	0.504	539.289	V[9]
E	15	748.137	498.282	490.269	0.504	489.765	E[8]
K	16	824.185	433.747	425.737	426.241	426.233	K[7]
S	17	907.684	369.699	361.690	362.194	361.188	S[6]
P	18	956.410	286.200	278.191	278.694	277.687	P[5]
A	19	991.929	237.674	229.664	230.168	229.160	A[4]
K	20	1055.977	202.155	194.146	194.650	193.642	K[3]
K	21	1120.024	138.108	130.098	130.602	129.594	K[2]
K	22	1194.971	74.080	66.071	66.575	65.547	K[1]

sp | P43276 | H15_MOUSE

SET (Phospho) APAETAAPAPVEKS (79.97) Phospho PAKKK 79.97

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.55
- ▶ F105352.dat
- ▶ query=q9974.p1
- ▶ precursor=592.783620
- ▶ chargePrecursor=4
- ▶ itol=0.8

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	790.045	784.705	0.672	784.369	S[22]
E[2]	78.708	761.034	755.695	0.672	755.359	E[21]
Y[3]	139.046	718.020	712.680	0.672	712.344	Y[20]
A[4]	162.725	657.662	652.342	0.672	652.006	A[19]
P[5]	195.076	634.003	628.663	0.672	628.327	P[18]
A[6]	218.755	601.652	596.312	0.672	595.976	A[17]
E[7]	261.769	577.973	572.633	0.672	572.297	E[16]
T[8]	295.451	534.995	529.619	0.672	529.283	T[15]
A[9]	319.130	501.276	495.937	0.672	495.601	A[14]
A[10]	342.810	477.597	472.258	0.672	471.922	A[13]
P[11]	375.160	453.918	448.578	0.672	448.243	P[12]
A[12]	398.839	421.567	416.228	0.672	415.892	A[11]
P[13]	431.190	397.888	392.549	0.672	392.213	P[10]
V[14]	464.213	365.537	360.198	0.672	359.862	V[9]
E[15]	507.227	332.514	327.175	0.672	326.839	E[8]
K[16]	549.926	289.500	284.161	284.497	283.825	K[7]
S[17]	605.592	246.802	241.462	241.798	241.126	S[6]
P[18]	637.943	191.135	185.796	186.132	185.460	P[9]
A[19]	661.622	158.785	153.445	153.781	153.109	A[4]
K[20]	704.320	135.195	129.756	130.102	129.430	K[3]
K[21]	747.018	92.407	87.068	87.404	86.732	K[2]
K[22]	789.717	49.709	44.370	44.705	44.034	K[1]

sp | P68433 | H31_MOUSE

DT^{Phospho} NLCAIHAKRVTIMPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.89
- ▶ F112446.dat
- ▶ query=q24887_p1
- ▶ precursor=664.333630
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
D	1	133.061	1990.997	1074.978	0.000	1073.970	D
T	2	214.076	1875.970	1889.961	0.000	1358.941	T
N	3	438.118	1698.956	1878.937	1879.945	1677.920	N
L	4	541.202	1580.911	1564.894	1565.902	1563.886	L
C	5	644.211	1467.820	1451.810	1452.818	1450.800	C
A	6	715.240	1364.810	1348.801	1349.809	1347.793	A
I	7	828.332	1293.782	1277.764	1278.771	1276.756	I
H	8	909.391	1180.690	1164.680	1165.687	1163.672	H
A	9	1038.428	1043.630	1027.621	1028.628	1026.613	A
K	10	1164.523	972.600	956.584	957.591	955.576	K
R	11	1320.624	844.507	826.489	829.496	827.481	R
V	12	1419.693	688.400	672.387	673.395	671.380	V
T	13	1520.740	580.330	573.319	574.327	572.311	T
I	14	1633.824	480.260	473.251	473.259	471.264	I
M	15	1764.895	375.206	359.187	360.195	358.180	M
P	16	1861.918	244.160	238.147	239.155	237.139	P
K	17	1990.013	147.113	131.094	132.102	130.086	K

sp | P68433 | H31_MOUSE

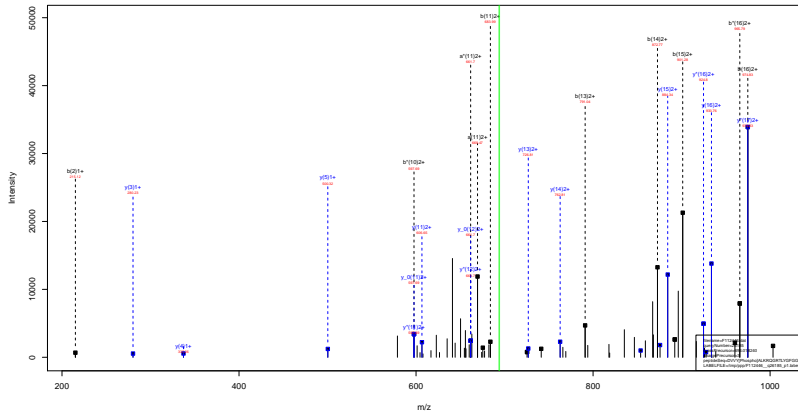
DT ^{Phospho} NLCAIHAKRVTIMPK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.89
- ▶ F112446.dat
- ▶ query=q24887_p1
- ▶ precursor=664.333630
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	996.002	987.993	0.504	987.489	D[17]
T[2]	157.541	938.488	930.479	0.504	929.975	T[16]
N[3]	214.562	847.981	839.972	840.476	839.468	N[15]
L[4]	271.105	790.950	782.951	783.455	782.447	L[14]
C[5]	322.609	734.418	726.409	726.913	725.905	C[13]
A[6]	358.128	682.913	674.904	675.408	674.400	A[12]
T[7]	414.670	547.395	539.385	539.889	538.882	T[11]
H[8]	481.199	590.851	582.843	583.347	582.340	H[10]
A[9]	518.718	522.323	514.314	514.818	513.810	A[9]
K[10]	582.765	486.805	478.795	479.299	478.292	K[8]
R[11]	660.816	422.757	414.748	415.252	414.244	R[7]
V[12]	710.350	344.707	336.697	337.201	336.193	V[6]
T[13]	760.874	295.173	287.163	287.667	286.659	T[5]
I[14]	817.416	244.540	236.539	237.143	236.135	I[4]
M[15]	882.936	188.107	180.097	180.601	179.593	M[3]
P[16]	931.462	122.586	114.577	115.081	114.073	P[2]
K[17]	995.510	74.060	66.051	66.555	65.547	K[1]

sp | P62806 | H4_MOUSE

DVVY^{Phospho}_{79.97} ALKRQGR TLYGFGG



sp | P62806 | H4_MOUSE

DVVY^{Phospho}_{79.97} ALKRQGR^{TLYGFGG}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=30.88
- ▶ F112446.dat
- ▶ query=q26185_p1
- ▶ precursor=694.018240
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a+0	b	b'	b+0	y	y'	y+0	AA		
D	0	98.039	0.000	72.050	118.064	0.000	98.039	2060.030	2061.014	2062.027	D10	
V	2	137.138	0.000	189.089	215.183	0.000	137.138	1390.011	1391.004	1391.939	V17	
V	3	259.176	0.000	289.100	244.172	0.000	259.177	1890.000	1891.019	1891.924	V16	
V	4	329.209	0.000	321.100	320.201	0.000	329.193	1950.974	1949.947	1948.953	V15	
A	5	460.243	0.000	382.210	428.218	0.000	436.227	1523.844	1508.818	1505.834	A14	
L	6	513.257	0.000	495.251	741.322	0.000	723.211	1452.807	1435.780	1434.796	L13	
R	7	591.282	0.000	523.241	588.243	0.000	592.289	831.468	1339.721	1332.686	830.212	R12
R	8	669.223	0.000	699.212	1025.212	2008.491	1037.237	1011.620	1194.901	1193.917	R11	
Q	9	712.262	1.000	697.207	1107.211	1113.217	1036.200	1000.130	1019.509	1017.518	Q10	
C	10	1124.200	1.000	1114.201	1212.200	1216.214	1152.207	927.468	811.442	1064.458	C11	
R	11	1138.194	1.001	1130.200	1300.200	1349.214	1346.200	811.442	853.420	102.438	R10	
T	12	1436.162	1.022	1423.161	1467.167	1486.170	1448.136	714.340	0.000	866.331	T11	
L	13	1532.136	1.015	1519.130	1538.131	1563.134	1522.120	613.200	0.000	0.000	L10	
V	14	1713.069	1.000	1701.060	1743.066	1778.068	1729.060	500.214	0.000	0.000	V10	
G	15	1772.021	1.005	1754.020	1802.016	1783.009	1782.016	337.151	0.000	0.000	G11	
F	16	1816.009	1.001	1801.010	1847.004	1831.000	1829.011	280.120	0.000	0.000	F10	
C	17	1817.011	1.000	1804.000	2004.000	1887.010	1888.000	133.001	0.000	0.000	C10	
C	18	2114.014	1.001	2002.000	2002.001	2014.000	2014.010	70.001	0.000	0.000	C11	

sp | P62806 | H4_MOUSE

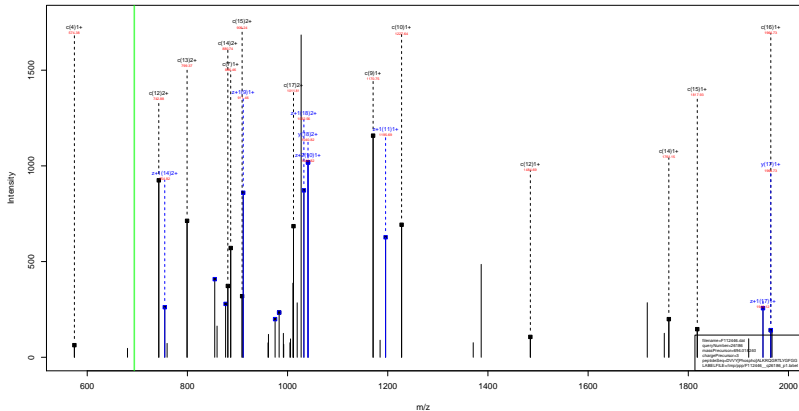
DVVY^{Phospho}_{79.97} ALKRQGRTLYGFGG

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=30.88
- ▶ F112446.dat
- ▶ query=q26185_p1
- ▶ precursor=694.018240
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
D[1]	94.929	0.504	95.433	58.924	0.504	59.428	1040.522	1041.026	1041.530	D[10]
V[2]	94.929	0.504	95.433	108.929	0.504	109.433	983.500	974.496	974.999	V[13]
V[3]	143.502	0.504	144.006	157.503	0.504	158.007	833.475	824.961	824.469	V[16]
V[4]	205.209	0.504	205.713	212.214	0.504	212.718	861.961	875.427	874.926	V[15]
A[5]	300.620	0.504	301.124	314.623	0.504	315.127	762.426	763.922	764.420	A[14]
L[6]	357.587	0.504	358.091	371.589	0.504	372.093	725.907	726.404	726.902	L[8]
R[7]	413.213	0.504	413.717	426.215	0.504	426.719	670.900	661.835	661.360	R[12]
R[8]	469.255	0.504	469.759	482.257	0.504	482.761	606.318	597.804	597.312	R[11]
Q[9]	525.297	0.504	525.801	538.299	0.504	538.803	567.269	567.766	568.264	Q[10]
G[10]	581.339	0.504	581.843	594.341	0.504	594.845	487.242	487.740	488.238	G[11]
R[11]	609.856	661.342	610.360	643.853	675.340	674.846	435.224	435.722	436.220	R[9]
T[12]	730.380	711.888	711.374	738.377	725.864	735.372	387.676	0.504	388.171	T[7]
L[13]	776.522	760.408	761.916	790.919	782.406	783.914	307.153	0.504	307.648	L[6]
V[14]	818.013	800.980	801.484	827.451	818.937	819.441	230.631	0.504	231.126	V[5]
G[15]	886.564	878.452	877.956	900.961	892.448	891.956	150.070	0.504	150.564	G[4]
F[16]	960.498	951.387	951.891	974.496	965.982	965.490	140.500	0.504	140.994	F[8]
G[17]	1009.050	1000.938	1001.442	1063.906	1054.393	1054.897	87.028	0.504	87.522	G[2]
G[18]	1117.200	1109.088	1109.592	1168.201	1158.684	1159.188	78.261	0.504	78.755	G[1]

sp | P62806 | H4_MOUSE

DVVY^{Phospho} ALKRQGR TLYGFGG
79.97



sp | P62806 | H4_MOUSE

DVVY^{Phospho}_{79.97} ALKRQGRTLYGFGG

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.53
- ▶ F112446.dat
- ▶ query=q26186.p1
- ▶ precursor=694.018240
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	113.061	2080.938	2064.019	0.000	2061.011	D[18]
V[2]	232.129	1965.011	1948.992	0.000	1947.984	V[17]
V[3]	331.198	1865.942	1849.923	0.000	1848.916	V[16]
V[4]	574.227	1766.874	1750.855	0.000	1749.847	V[15]
A[5]	665.264	1523.844	1507.825	0.000	1506.818	A[14]
L[6]	798.348	1452.909	1436.890	0.000	1435.883	L[13]
K[7]	886.443	1339.723	1323.704	1324.712	1322.696	K[12]
R[8]	1042.945	1211.628	1195.609	1196.617	1194.601	R[11]
Q[9]	1170.603	1095.529	1030.508	1040.516	1038.500	Q[10]
G[10]	1227.625	927.466	911.450	912.457	910.442	G[9]
R[11]	1323.726	870.447	854.428	855.436	853.420	R[8]
T[12]	1484.773	714.340	668.317	669.325	667.310	T[7]
L[13]	1597.857	613.268	587.279	588.287	586.271	L[6]
V[14]	1760.921	500.214	484.195	485.203	483.187	V[5]
G[15]	1817.942	337.151	321.132	322.140	320.124	G[4]
F[16]	1965.011	280.129	264.110	265.118	263.103	F[3]
G[17]	2022.032	133.961	117.942	118.950	116.934	G[2]
G[18]	2079.054	78.939	60.921	61.929	59.914	G[1]

sp | P62806 | H4_MOUSE

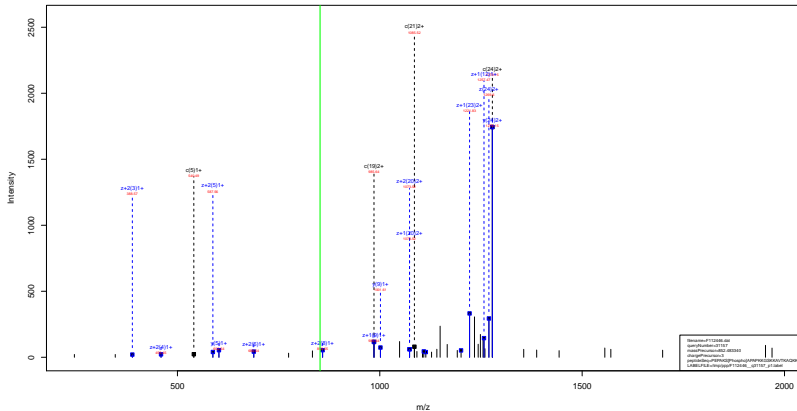
DVVY^{Phospho}_{79.97} ALKRQGRTLYGFGG

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.53
- ▶ F112446.dat
- ▶ query=q26186.p1
- ▶ precursor=694.018240
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D 1	67.034	1040.522	1032.513	0.504	1032.009	D 18
V 2	116.568	983.009	975.000	0.504	974.496	V 17
V 3	166.102	933.475	925.465	0.504	924.961	V 16
V 4	267.617	883.941	875.931	0.504	875.427	V 15
A 5	323.136	834.407	754.416	0.504	753.912	A 14
L 6	379.670	728.907	718.898	0.504	718.394	L 13
R 7	443.725	670.365	662.356	662.860	661.852	R 12
R 8	521.776	608.318	598.308	598.812	597.804	R 11
Q 9	585.805	528.267	520.258	520.762	519.754	Q 10
G 10	614.316	464.238	456.228	456.732	455.725	G 9
R 11	697.369	435.727	427.718	428.222	427.214	R 8
T 12	742.890	387.670	389.667	389.171	389.161	T 7
L 13	799.432	307.153	299.143	299.647	298.639	L 6
V 14	809.964	250.611	242.601	243.105	242.097	V 5
G 15	909.475	169.079	161.070	161.574	160.566	G 4
F 16	983.009	140.568	132.559	133.063	132.055	F 3
G 17	1011.520	67.034	59.025	59.529	58.521	G 2
G 18	1040.520	38.523	30.514	31.018	30.011	G 1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKS^{Phospho} APAPKKGSKKAVTKAQQK
79.97



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKS^{Phospho} APAPKKGSKKAVTKAQQK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=18.70
- ▶ F112446.dat
- ▶ query=q31157.p1
- ▶ precursor=852.483340
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	115.067	2935.443	2539.425	0.000	2539.417	P[24]
E	2	244.129	2438.391	2442.372	0.000	2441.364	E[23]
P	3	341.182	2329.346	2333.329	0.000	2332.321	P[22]
A	4	432.219	2232.295	2236.276	0.000	2235.269	A[21]
K	5	540.314	2141.258	2145.239	2146.247	2144.232	K[20]
S	6	707.312	2033.163	2037.144	2038.152	2036.137	S[19]
A	7	776.349	1896.105	1899.106	1851.154	1849.139	A[18]
P	8	875.402	1795.129	1779.109	1780.117	1778.101	P[17]
A	9	946.439	1698.075	1682.056	1683.064	1681.049	A[16]
T	10	1043.462	1627.038	1611.019	1612.027	1610.011	T[15]
K	11	1171.567	1529.985	1513.966	1514.974	1512.958	K[14]
K	12	1290.662	1401.890	1385.871	1386.879	1384.863	K[13]
G	13	1356.704	1273.795	1257.776	1258.784	1256.768	G[12]
S	14	1443.736	1216.774	1200.755	1201.763	1199.747	S[11]
K	15	1571.831	1129.742	1113.723	1114.731	1112.715	K[10]
K	16	1699.925	1061.647	985.628	986.636	984.620	K[9]
A	17	1770.963	873.592	857.573	858.541	856.525	A[8]
V	18	1870.011	802.515	786.496	787.504	785.488	V[7]
T	19	1971.079	703.448	687.427	688.435	686.420	T[6]
K	20	2090.174	602.398	596.380	587.388	585.372	K[5]
A	21	2170.211	474.303	458.285	459.293	457.277	A[4]
Q	22	2298.269	403.266	387.248	388.255	386.240	Q[3]
K	23	2429.364	278.208	259.189	259.197	256.181	K[2]
K	24	2554.459	147.113	131.094	132.102	130.086	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKS^{Phospho} 79.97 APAPKKGSKKAVTKAQQK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=18.70
- ▶ F112446.dat
- ▶ query=q31157.p1
- ▶ precursor=852.483340
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
F	1	58.047	1278.225	1270.218	0.504	1269.712	P[20]
E	2	122.568	1220.699	1221.690	0.504	1221.186	E[23]
F	3	171.095	1165.179	1157.168	0.504	1156.664	F[22]
A	4	208.611	1116.651	1108.642	0.504	1109.139	A[21]
K	5	270.661	1081.133	1073.123	1073.627	1072.610	K[20]
S	6	354.160	1017.085	1009.076	1009.580	1008.574	S[19]
A	7	389.676	933.586	925.577	926.681	925.671	A[18]
P	8	438.205	898.067	890.058	890.562	889.554	P[17]
A	9	473.721	849.541	841.532	842.036	841.026	A[16]
T	10	522.250	814.021	806.013	806.517	805.509	T[15]
K	11	586.297	765.496	757.487	757.991	756.983	K[14]
K	12	650.345	701.449	693.439	693.943	692.935	K[13]
G	13	678.655	637.401	629.392	629.896	628.888	G[12]
S	14	722.171	608.890	600.881	601.385	600.377	S[11]
K	15	786.409	568.374	560.365	560.869	559.861	K[10]
K	16	850.466	501.327	493.318	493.821	492.814	K[9]
A	17	885.985	437.279	429.270	429.774	428.766	A[8]
V	18	935.519	401.761	393.752	394.255	393.248	V[7]
T	19	986.043	352.217	344.211	344.711	343.713	T[6]
K	20	1020.104	301.703	293.693	294.197	293.190	K[5]
A	21	1085.609	237.655	229.646	230.150	229.143	A[4]
Q	22	1149.638	202.137	194.127	194.631	193.624	Q[3]
K	23	1213.686	138.108	130.098	130.602	129.594	K[2]
K	24	1277.733	74.060	66.051	66.555	65.547	K[1]

sp | P62806 | H4_MOUSE

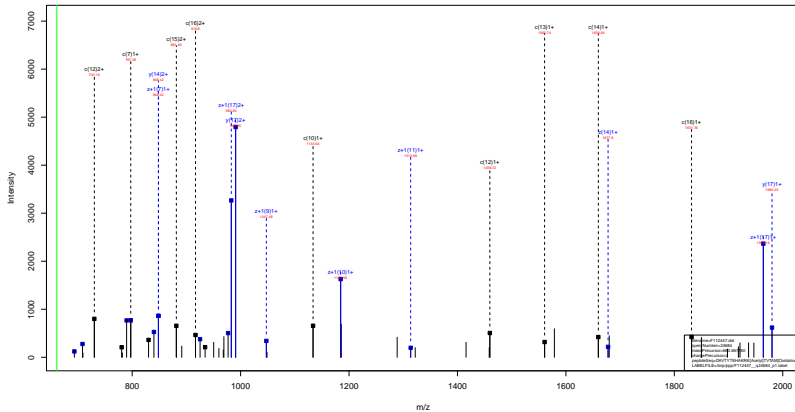
DAVYTEHAKRK Acetyl 42.01 TVTAM Oxidation 15.99

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=31.12
- ▶ F112447.dat
- ▶ query=q24681_p1
- ▶ precursor=990.497900
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	y*	a,y	b	b*	b,y	v	y*	a,y	AA
T1	1361.034	0.000	0.000	1149.034	0.000	1000.000	1000.000	1000.000	1000.000	T1
A12	1139.018	0.000	143.000	1077.018	0.000	1000.000	1000.000	1000.000	1000.000	A12
V13	1090.435	0.000	390.130	1008.140	0.000	1000.100	1181.001	1178.000	1176.001	V13
T14	1069.031	0.000	385.180	1007.180	0.000	1001.177	1089.001	1077.000	1076.002	T14
V15	1002.000	0.000	508.000	1000.000	0.000	637.240	1000.000	1000.000	1000.000	V15
T16	1021.034	0.000	905.261	985.260	0.000	637.280	1430.742	1413.710	1412.731	T16
E17	1000.000	0.000	130.100	869.900	0.000	762.230	1117.000	1117.000	1111.000	E17
R18	990.495	0.000	81.300	917.400	0.000	899.280	1260.012	1180.000	1180.000	R18
A19	1000.000	0.000	990.430	990.430	0.000	899.280	1003.593	1000.000	1000.000	A19
K20	1000.000	0.000	1100.000	1116.510	0.000	1000.000	1000.000	1000.000	1000.000	K20
R11	1204.030	1207.000	1200.000	1277.030	1200.000	1200.000	964.481	967.430	946.450	R11
R12	1214.014	1207.010	1200.010	1344.710	1200.010	1200.010	705.300	0.000	0.000	R12
T13	1010.000	1000.100	1000.100	1000.100	1000.100	1000.100	1000.100	1000.100	1000.100	T13
V14	1014.000	1007.000	1000.000	1042.050	1000.000	1000.000	1000.000	1000.000	1000.000	V14
T15	1110.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	T15
A16	1100.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	A16
M17	1010.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	M17

sp | P62806 | H4_MOUSE

DAVITYTEHAKRK ^{Acetyl} 42.01 ^{TVTAM} ^{Oxidation} 15.99



sp | P62806 | H4_MOUSE

DAVYTEHAKRK Acetyl 42.01 TVTAM Oxidation 15.99

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.28
- ▶ F112447.dat
- ▶ query=q24684_p1
- ▶ precursor=660.667760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA
D	131.061	1979.906	1963.967	0.000	1962.959	D
A	204.208	1894.929	1848.940	0.000	1847.932	A
V	303.166	1793.921	1777.903	0.000	1776.895	V
T	404.214	1694.853	1678.834	0.000	1677.826	T
Y	507.277	1593.805	1577.787	0.000	1576.779	Y
F	608.325	1430.742	1414.723	0.000	1413.715	F
E	797.368	1329.694	1313.676	0.000	1312.668	E
H	934.426	1200.652	1184.633	0.000	1183.625	H
A	1025.484	1063.593	1047.574	0.000	1046.566	A
K	1133.559	902.550	976.537	977.545	975.520	K
R	1289.600	804.461	848.442	860.450	847.434	R
K	1459.765	708.360	692.341	693.349	691.331	K
T	1566.813	538.254	522.235	523.243	521.226	T
V	1659.881	437.200	421.188	422.196	420.180	V
T	1760.929	338.138	322.119	323.127	321.111	T
A	1831.966	237.090	221.072	222.079	220.064	A
M	1979.001	166.053	150.035	151.042	149.027	M

sp | P62806 | H4_MOUSE

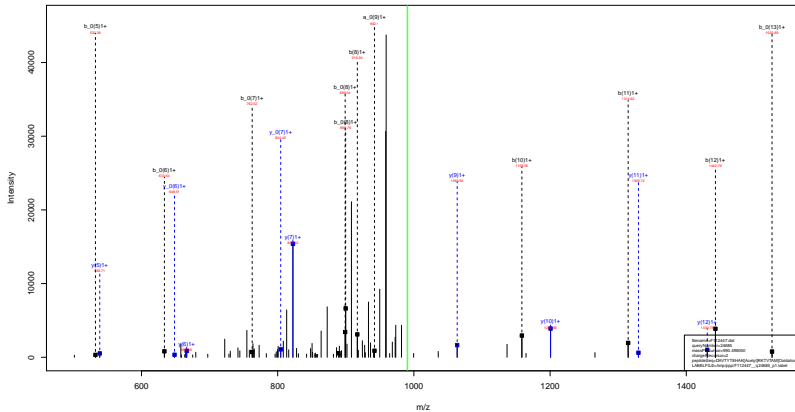
DAVYTEHAKRK ^{Acetyl} 42.01 TVTAM ^{Oxidation} 15.99

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.28
- ▶ F112447.dat
- ▶ query=q24684_p1
- ▶ precursor=660.667760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	990.496	982.487	0.504	981.983	D[17]
A[2]	102.553	932.983	924.974	0.504	924.470	A[16]
V[3]	152.087	897.464	889.455	0.504	888.951	V[15]
T[4]	202.611	847.930	839.921	0.504	839.417	T[14]
Y[5]	284.142	797.406	789.397	0.504	788.893	Y[13]
F[6]	334.666	715.875	707.865	0.504	707.361	F[12]
E[7]	399.187	665.351	657.341	0.504	656.838	E[11]
H[8]	467.717	600.830	592.820	0.504	592.316	H[10]
A[9]	503.235	532.300	524.291	0.504	523.787	A[9]
K[10]	567.283	496.782	488.772	489.276	488.268	K[8]
R[11]	645.333	432.734	424.725	425.229	424.221	R[7]
K[12]	730.386	354.683	346.674	347.178	346.170	K[6]
T[13]	780.910	269.631	261.621	262.125	261.117	T[5]
V[14]	830.444	219.107	211.097	211.601	210.594	V[4]
T[15]	880.968	169.573	161.563	162.067	161.059	T[3]
A[16]	916.487	119.049	111.039	111.543	110.536	A[2]
M[17]	990.004	833.330	73.521	78.025	75.017	M[1]

sp | P62806 | H4_MOUSE

DAVYTEHAK ^{Acetyl} 42.01 RKTVTAM ^{Oxidation} 15.99



sp | P62806 | H4_MOUSE

DAVYTEHAK Acetyl 42.01 RKTVTAM Oxidation 15.99

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.15
- ▶ F112447.dat
- ▶ query=q24685_p1
- ▶ precursor=990.498050
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
D1	80.050	0.000	70.050	116.054	0.000	106.054	1079.028	1062.950	1081.076	D17
A2	179.078	0.000	141.099	137.071	0.000	109.061	1064.019	1047.952	1068.064	A16
V3	258.145	0.000	240.134	208.140	0.000	208.140	1193.101	1176.895	1176.911	V15
T4	338.011	0.000	341.181	387.187	0.000	307.177	1004.053	1017.026	1016.042	T14
V5	418.056	0.000	408.049	458.041	0.000	417.041	1003.093	1003.199	1003.706	V13
T6	497.104	0.000	488.261	551.268	0.000	512.240	1033.288	1030.742	1031.711	T12
E7	576.159	0.000	578.150	651.150	0.000	602.110	1120.494	1122.060	1111.000	E11
R8	655.212	0.000	657.200	717.200	0.000	699.160	1200.652	1198.000	1200.000	R10
A9	734.264	0.000	742.432	808.432	0.000	799.400	1063.593	1040.500	1040.502	A15
K10	813.316	1103.101	1102.710	1158.343	1041.614	1140.610	692.460	690.520	678.040	K16
R11	892.369	1200.652	1200.650	1214.644	1207.617	1200.613	822.760	800.420	800.440	R17
R12	971.424	1297.711	1299.121	1342.730	1295.712	1294.708	600.100	600.300	648.130	R19
T13	1050.476	1400.100	1401.911	1543.700	1530.700	1525.776	538.354	0.000	520.384	T18
V14	1129.528	1507.851	1509.849	1642.850	1625.820	1624.844	417.200	0.000	410.100	V16
T15	1208.580	1606.891	1609.891	1743.890	1729.870	1729.866	318.410	0.000	308.170	T19
A16	1287.632	1705.933	1708.934	1814.940	1797.911	1796.929	217.000	0.000	0.000	A18
M17	1366.684	1804.975	1803.980	1914.970	1894.940	1893.954	108.000	0.000	0.000	M19

sp | P62806 | H4_MOUSE

DAVYTEHAK ^{Acetyl} 42.01 RKTVTAM ^{Oxidation} 15.99

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.87
- ▶ F112447.dat
- ▶ query=q24686_p1
- ▶ precursor=990.498050
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA
D	133.061	1979.806	1063.967	0.000	1962.959	D
A	204.208	1894.927	1848.500	0.000	1847.912	A
V	303.166	1793.821	1777.863	0.000	1775.895	V
T	404.214	1694.853	1678.834	0.000	1677.826	T
Y	507.277	1593.805	1577.787	0.000	1576.779	Y
T	608.325	1493.742	1414.723	0.000	1413.715	T
E	707.368	1329.894	1313.676	0.000	1312.668	E
H	824.426	1200.951	1184.633	0.000	1183.625	H
A	1005.404	1063.573	1047.574	0.000	1046.566	A
K	1175.569	992.550	976.537	977.545	975.520	K
R	1331.670	822.450	806.431	807.439	805.424	R
K	1459.765	666.349	650.330	651.338	649.323	K
T	1580.813	538.254	522.235	523.243	521.228	T
V	1659.881	437.200	421.188	422.196	420.181	V
T	1760.929	338.138	322.119	323.127	321.111	T
A	1831.966	237.090	221.072	222.079	220.064	A
M	1979.801	166.053	150.035	151.042	149.027	M

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Trimethyl VLR
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=97.38
- ▶ F112447.dat
- ▶ query=q29996.p1
- ▶ precursor=611.878650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2444.491	2438.472	0.000	2427.464	S[23]
G[2]	204.098	2315.448	2299.430	0.000	2298.422	G[22]
R[3]	360.199	2258.427	2242.408	2243.416	2241.400	R[21]
G[4]	417.220	2102.320	2086.302	2087.315	2085.299	G[20]
K[5]	545.315	2045.304	2029.286	2030.293	2028.276	K[19]
G[6]	602.337	1931.259	1931.191	1932.198	1930.181	G[18]
G[7]	659.358	1880.188	1844.169	1845.177	1843.161	G[17]
K[8]	787.453	1801.166	1787.148	1788.156	1786.140	K[16]
G[9]	844.475	1675.071	1659.053	1660.061	1658.045	G[15]
L[10]	957.559	1618.050	1602.031	1603.039	1601.023	L[14]
G[11]	1014.580	1504.965	1493.957	1489.955	1487.939	G[13]
R[12]	1142.675	1447.944	1431.926	1432.934	1430.918	R[12]
G[13]	1199.697	1319.849	1303.831	1304.839	1302.823	G[11]
G[14]	1256.718	1262.828	1246.809	1247.817	1245.801	G[10]
A[15]	1327.755	1205.807	1189.788	1190.796	1188.780	A[9]
K[16]	1455.850	1134.769	1118.751	1119.759	1117.743	K[8]
R[17]	1611.851	1006.674	990.655	991.664	989.648	R[7]
R[18]	1769.010	890.571	834.555	835.563	833.547	R[6]
R[19]	1905.111	713.514	697.496	698.504	696.488	R[5]
K[20]	2075.253	557.413	541.395	542.402	540.387	K[4]
V[21]	2174.322	387.271	371.253	372.261	370.245	V[3]
L[22]	2287.406	298.203	272.184	273.192	271.176	L[2]
R[23]	2443.507	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLR
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=97.38
- ▶ F112447.dat
- ▶ query=q29996_p1
- ▶ precursor=611.878650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1222.749	1224.740	0.504	1214.230	S[2]
G[2]	102.553	1150.228	1150.218	0.504	1140.715	G[2]
R[3]	180.603	1120.717	1121.708	1122.212	1121.204	R[2]
G[4]	209.114	1051.667	1043.657	1044.161	1043.153	G[20]
K[5]	273.161	1021.156	1015.146	1015.650	1014.643	K[19]
G[6]	301.672	959.205	951.195	951.189	950.595	G[18]
G[7]	330.183	930.595	922.585	923.092	922.084	G[17]
K[8]	394.230	902.087	894.077	894.581	893.574	K[16]
G[9]	422.741	838.039	830.030	830.534	829.520	G[15]
L[10]	479.283	809.529	801.519	802.023	801.010	L[14]
G[11]	507.794	754.967	744.977	745.481	744.473	G[13]
K[12]	571.844	724.676	716.466	716.970	715.961	K[12]
G[13]	600.352	660.425	652.419	652.923	651.915	G[11]
G[14]	638.863	631.918	623.908	624.412	623.404	G[10]
A[15]	664.371	603.407	595.398	595.901	594.894	A[9]
K[16]	728.420	567.895	559.879	560.383	559.375	K[8]
R[17]	698.478	503.841	495.832	496.335	495.327	R[7]
H[18]	875.809	425.790	417.781	418.285	417.277	H[6]
R[19]	853.059	357.261	349.252	349.755	348.749	R[5]
K[20]	1038.130	279.210	271.201	271.705	270.697	K[4]
V[21]	1087.665	194.139	186.130	186.634	185.620	V[9]
L[22]	1144.207	144.605	136.595	137.100	136.092	L[3]
R[23]	1222.257	98.051	89.044	89.558	79.550	R[1]

sp | P62806 | H4_MOUSE

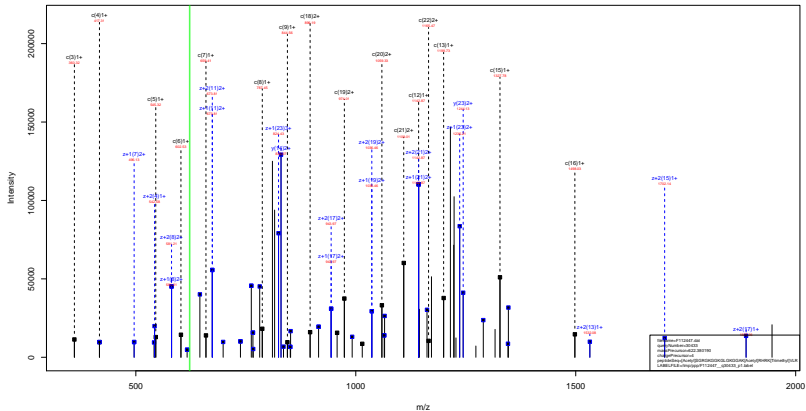
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLR_{42.05}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=97.38
- ▶ F112447.dat
- ▶ query=q29996.p1
- ▶ precursor=611.878650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	815.502	810.162	0.672	809.826	S[23]
G[2]	68.704	772.488	767.148	0.672	766.812	G[22]
R[3]	120.738	753.480	748.141	743.477	747.805	R[21]
G[4]	139.745	701.447	696.107	695.443	695.771	G[20]
K[5]	182.443	682.440	677.100	677.436	676.764	K[19]
G[6]	201.450	639.741	634.402	634.738	634.066	G[18]
G[7]	220.458	620.734	615.395	615.731	615.059	G[17]
K[8]	263.156	601.727	596.387	596.723	596.051	K[16]
G[9]	282.163	559.029	553.689	554.025	553.353	G[15]
L[10]	319.858	540.022	534.682	535.018	534.346	L[14]
G[11]	338.865	502.327	496.987	497.323	496.651	G[13]
K[12]	381.563	483.320	477.980	478.316	477.644	K[12]
G[13]	400.570	440.621	435.282	435.618	434.946	G[11]
G[14]	419.578	421.614	416.275	416.611	415.939	G[10]
A[15]	443.257	402.607	397.267	397.603	396.932	A[9]
K[16]	485.955	378.928	373.588	373.924	373.252	K[8]
R[17]	537.989	336.230	330.890	331.226	330.554	R[7]
H[18]	583.675	284.196	278.856	279.192	278.520	H[6]
R[19]	635.709	238.510	233.170	233.506	232.834	R[5]
K[20]	692.423	186.476	181.136	181.472	180.800	K[4]
V[21]	726.445	159.762	154.422	154.758	154.086	V[3]
L[22]	763.140	96.739	91.400	91.736	91.064	L[2]
R[23]	815.174	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl}RHRK ^{Trimethyl}VLR
42.01 42.05



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLR^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=100.75
- ▶ F112447.dat
- ▶ query=q30433_p1
- ▶ precursor=622.380190
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2486.501	2470.485	0.000	2469.478	S[23]
G[2]	304.098	2357.459	2341.440	0.000	2340.433	G[22]
R[3]	360.199	2300.437	2284.419	2285.427	2283.411	R[21]
G[4]	417.220	2144.338	2128.318	2129.325	2127.310	G[20]
K[5]	543.315	2007.315	2001.298	2072.304	2070.288	K[19]
G[6]	602.137	1959.220	1943.201	1944.209	1942.191	G[18]
G[7]	659.358	1902.198	1886.180	1887.188	1885.172	G[17]
K[8]	787.453	1845.177	1829.158	1830.166	1828.150	K[16]
G[9]	844.475	1737.082	1701.063	1702.071	1700.055	G[15]
L[10]	957.559	1660.061	1644.042	1645.050	1643.034	L[14]
G[11]	1014.580	1546.976	1530.958	1531.966	1529.950	G[13]
R[12]	1142.675	1489.955	1473.938	1474.944	1472.928	R[12]
G[13]	1199.697	1391.860	1345.841	1346.849	1344.833	G[11]
G[14]	1256.718	1304.839	1288.820	1289.828	1287.812	G[10]
A[15]	1327.755	1247.817	1231.798	1232.806	1230.791	A[0]
K[16]	1497.861	1176.780	1160.761	1161.769	1159.753	K[8]
R[17]	1651.962	1038.674	990.656	991.664	989.648	R[7]
T[18]	1793.024	896.573	834.555	835.562	833.547	T[6]
R[19]	1947.122	713.514	687.496	688.504	686.488	R[5]
K[20]	2117.264	557.413	541.395	542.402	540.387	K[4]
V[21]	2216.332	387.271	371.253	372.261	370.245	V[3]
L[22]	2329.416	288.203	272.184	273.192	271.176	L[2]
R[23]	2485.517	175.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLR^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=100.75
- ▶ F112447.dat
- ▶ query=q30433_p1
- ▶ precursor=622.380190
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.062	1243.754	1235.745	0.504	1235.241	S[2]
G[2]	102.563	1179.233	1171.224	0.504	1170.720	G[2]
R[3]	180.603	1156.722	1142.713	1143.217	1142.209	R[2]
G[4]	209.114	1072.672	1064.662	1065.166	1064.159	G[20]
K[5]	273.161	1044.161	1036.152	1036.656	1035.648	K[19]
G[6]	301.672	986.134	977.124	972.598	971.600	G[18]
G[7]	330.183	951.603	943.593	944.097	943.090	G[17]
K[8]	394.230	923.092	915.083	915.587	914.579	K[16]
G[9]	422.741	859.045	851.035	851.539	850.531	G[15]
L[10]	479.283	830.534	822.525	823.029	822.021	L[14]
G[11]	507.794	773.992	765.983	766.486	765.479	G[13]
R[12]	573.841	746.481	737.472	737.976	736.969	R[12]
G[13]	600.352	681.434	673.424	673.928	672.920	G[11]
G[14]	628.863	652.923	644.914	645.417	644.410	G[10]
A[15]	664.301	624.412	616.403	616.907	615.899	A[9]
K[16]	740.434	588.894	580.884	581.388	580.380	K[8]
R[17]	827.486	560.843	493.832	496.335	495.328	R[7]
R[18]	896.014	625.795	417.781	418.285	417.277	R[6]
R[19]	974.065	357.261	349.252	349.755	348.748	R[5]
K[20]	1059.136	279.210	271.201	271.705	270.697	K[4]
V[21]	1108.670	194.139	186.130	186.634	185.626	V[3]
L[22]	1165.212	144.605	136.596	137.100	136.092	L[2]
R[23]	1243.202	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLR^{42.05}
42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=100.75
- ▶ F112447.dat
- ▶ query=q30433.p1
- ▶ precursor=622.380190
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S1	49.697	629.505	824.166	0.672	823.830	S23
G2	68.704	786.491	781.152	0.572	780.816	G22
R3	120.738	767.484	762.144	762.480	761.808	R21
G4	139.745	715.450	710.111	710.447	709.775	G20
K5	182.443	696.443	691.104	691.440	690.768	K19
G6	201.450	653.745	648.405	648.741	648.069	G18
G7	220.458	634.738	629.398	629.734	629.062	G17
K8	263.196	615.731	610.391	610.727	610.055	K16
G9	282.163	573.032	567.693	568.029	567.357	G15
L10	319.858	554.025	548.685	549.021	548.350	L14
G11	338.865	516.330	510.991	511.327	510.655	G13
K12	381.563	497.323	491.984	492.320	491.648	K12
G13	400.570	454.625	449.285	449.621	448.949	G11
G14	419.578	435.618	430.278	430.614	429.942	G10
A15	443.297	416.611	411.271	411.607	410.935	A9
K16	469.958	392.932	387.592	387.928	387.256	K8
R17	551.992	336.230	330.890	331.226	330.554	R7
H18	597.878	284.196	278.856	279.192	278.520	H6
R19	649.712	238.910	233.570	233.906	233.234	R5
K20	706.426	186.476	181.136	181.472	180.800	K4
V21	739.449	149.762	124.422	124.758	124.086	V3
L22	777.144	96.739	91.400	91.736	91.064	L2
R23	829.177	49.045	53.705	54.041	53.369	R1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}42.01 GLGK ^{Acetyl}42.01 GGAK ^{Trimethyl}42.05 RHRK ^{Methyl}14.02 VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.14
- ▶ F112447.dat
- ▶ query=q31047_p1
- ▶ precursor=848.176420
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2542.528	2526.509	0.000	2525.501	S[23]
G[2]	304.068	2413.485	2397.466	0.000	2396.458	G[22]
R[3]	360.199	2356.464	2340.445	2341.453	2339.437	R[21]
G[4]	417.220	2200.363	2184.344	2185.352	2183.336	G[20]
K[5]	543.315	2143.341	2127.322	2128.330	2126.315	K[19]
G[6]	602.337	2015.240	1999.221	2000.229	1998.223	G[18]
G[7]	659.358	1958.225	1942.206	1943.214	1941.198	G[17]
K[8]	829.464	1901.203	1885.184	1886.192	1884.177	K[16]
G[9]	886.485	1731.098	1715.079	1716.087	1714.071	G[15]
L[10]	999.569	1674.076	1658.057	1659.065	1657.050	L[14]
G[11]	1056.591	1560.992	1545.973	1545.981	1543.966	G[13]
R[12]	1228.096	1303.971	1487.952	1488.960	1486.944	R[12]
G[13]	1283.718	1333.955	1317.946	1318.954	1316.939	G[11]
G[14]	1340.739	1276.944	1260.925	1261.933	1259.917	G[10]
A[15]	1411.776	1219.922	1203.903	1204.911	1202.896	A[0]
K[16]	1581.918	1148.785	1132.766	1133.774	1131.759	K[6]
R[17]	1738.019	978.643	962.624	963.632	961.617	R[7]
T[18]	1879.078	822.542	806.523	807.531	805.516	T[6]
R[19]	2031.179	685.483	669.464	670.472	668.457	R[5]
K[20]	2173.290	529.382	513.363	514.371	512.356	K[4]
V[21]	2272.369	387.271	371.253	372.261	370.245	V[3]
L[22]	2385.443	288.203	272.184	273.192	271.176	L[2]
R[23]	2541.544	175.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

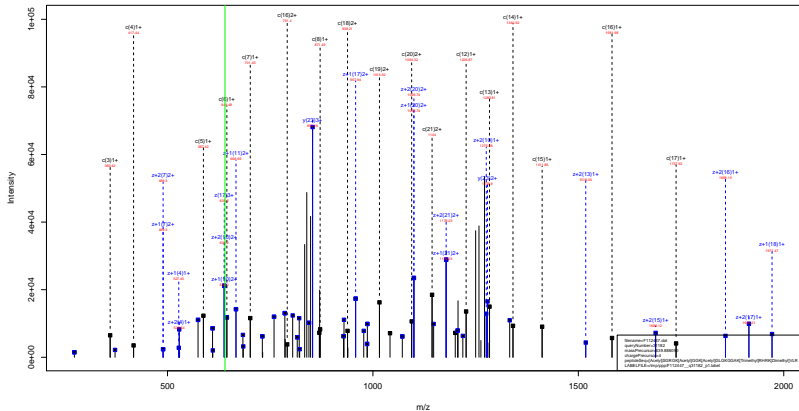
[Acetyl]SGRGKGGK ^{Acetyl}42.01 GLGK ^{Acetyl}42.01 GGAK ^{Trimethyl}42.05 RHRK ^{Methyl}14.02 VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.14
- ▶ F112447.dat
- ▶ query=q31047_p1
- ▶ precursor=848.176420
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1271.767	1261.758	0.504	1263.254	S 21
G 2	102.553	1207.240	1199.237	0.504	1198.733	G 22
R 3	186.603	1178.735	1170.726	1171.230	1170.222	R 21
G 4	209.114	1130.685	1092.676	1093.179	1092.172	G 20
K 5	273.161	1072.174	1064.165	1064.669	1063.661	K 19
G 6	301.672	1008.121	1000.117	1000.621	999.613	G 18
G 7	330.183	979.616	971.607	972.111	971.103	G 17
K 8	415.236	951.105	943.096	943.600	942.592	K 16
G 9	443.746	896.052	896.043	898.547	897.539	G 15
L 10	500.208	837.542	829.532	830.036	829.028	L 14
G 11	528.269	781.000	772.988	773.494	772.486	G 13
K 12	613.852	752.489	744.480	744.984	743.976	K 12
G 13	642.363	697.436	699.427	699.931	698.923	G 11
G 14	670.873	638.925	639.916	631.420	630.412	G 10
A 15	708.392	610.415	602.405	602.909	601.901	A 9
K 16	791.463	574.896	566.887	567.391	566.383	K 8
R 17	889.513	489.875	481.873	482.376	481.371	R 7
H 18	938.043	411.775	403.765	404.269	403.261	H 6
R 19	1018.093	343.245	335.236	335.740	334.732	R 5
K 20	1067.149	265.195	257.185	257.689	256.681	K 4
V 21	1136.683	194.139	186.130	186.634	185.626	V 3
L 22	1183.225	144.605	136.595	137.100	136.092	L 1
R 23	1271.275	98.051	89.044	89.558	79.550	R 1

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGKGGAK^{Trimethyl} RHRK^{42.05} Dimethyl^{28.03} VLR



sp | P62806 | H4_MOUSE

[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGKGGAK**^{Trimethyl}_{42.05} **RHRK**^{Dimethyl}_{28.03} **VLR**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=124.62
- ▶ F112447.dat
- ▶ query=q31182.p1
- ▶ precursor=639.888090
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	256.043	2540.535	0.000	2539.517	S[23]
G[2]	304.068	2427.501	2411.482	0.000	2410.474	G[22]
R[3]	360.199	2370.479	2354.461	235.468	2353.453	R[21]
G[4]	417.220	2214.378	2198.358	2199.367	2197.352	G[20]
K[5]	587.326	2137.357	2141.339	2142.346	2140.330	K[19]
G[6]	644.347	1987.251	1971.232	1972.240	1970.225	G[18]
G[7]	701.369	1930.230	1914.211	1915.219	1913.203	G[17]
K[8]	871.474	1873.208	1857.190	1858.197	1856.182	K[16]
G[9]	928.496	1703.103	1687.085	1688.092	1686.076	G[15]
L[10]	1041.580	1646.081	1630.063	1631.070	1629.055	L[14]
G[11]	1098.601	1532.997	1516.978	1517.986	1515.971	G[13]
R[12]	1226.696	1475.976	1459.957	1460.965	1458.949	R[12]
G[13]	1283.718	1347.881	1331.862	1332.870	1330.854	G[11]
G[14]	1340.739	1290.859	1274.841	1275.848	1273.833	G[10]
A[15]	1411.776	1233.838	1217.819	1218.827	1216.811	A[0]
K[16]	1581.918	1182.801	1166.782	1167.790	1165.774	K[8]
R[17]	1738.019	992.699	976.680	977.688	975.672	R[7]
T[18]	1875.978	836.598	820.539	821.547	819.531	T[6]
R[19]	2031.179	699.499	683.480	684.488	682.472	R[5]
K[20]	2187.306	543.398	527.379	528.387	526.371	K[4]
V[21]	2286.374	387.271	371.253	372.261	370.245	V[3]
L[22]	2399.458	288.203	272.184	273.192	271.176	L[2]
R[23]	2555.559	178.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGKGGAK^{42.01} Trimethyl RHRK^{42.05} Dimethyl VLR^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=124.62
- ▶ F112447.dat
- ▶ query=q31182.p1
- ▶ precursor=639.888090
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1278.775	1278.780	0.504	1278.262	S[2]
G[2]	102.553	1214.264	1206.245	0.504	1205.741	G[2]
R[3]	180.603	1185.743	1177.734	1178.238	1177.230	R[2]
G[4]	209.114	1107.693	1099.683	1100.187	1099.170	G[20]
K[5]	268.167	1079.182	1071.173	1071.677	1070.200	K[19]
G[6]	322.677	994.129	986.120	986.324	985.816	G[18]
G[7]	351.188	965.619	957.609	958.113	957.105	G[17]
K[8]	436.241	937.108	929.099	929.602	928.584	K[16]
G[9]	464.752	852.055	844.046	844.550	843.542	G[15]
L[10]	521.294	823.544	815.535	816.039	815.031	L[14]
G[11]	569.804	787.002	758.993	759.497	758.489	G[13]
K[12]	613.852	738.492	730.482	730.986	729.978	K[12]
G[13]	642.363	674.444	666.435	666.939	665.931	G[11]
G[14]	670.873	645.933	637.924	638.428	637.420	G[10]
A[15]	708.382	617.423	609.413	609.917	608.909	A[9]
K[16]	791.463	581.904	573.895	574.399	573.391	K[8]
R[17]	869.513	498.833	488.824	489.328	488.320	R[7]
H[18]	938.043	418.782	410.773	411.277	410.269	H[6]
R[19]	1016.093	350.253	342.244	342.748	341.740	R[5]
K[20]	1094.157	272.202	264.193	264.697	263.689	K[4]
V[21]	1143.691	194.139	186.130	186.634	185.626	V[3]
L[22]	1280.233	144.605	136.596	137.100	136.092	L[1]
R[23]	1278.262	98.051	89.042	89.556	79.550	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK<sup>Acetyl
42.01</sup> GGK<sup>Acetyl
42.01</sup> GLGKGGAK<sup>Trimethyl
42.05</sup> RHRK<sup>Dimethyl
28.03</sup> VLR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=124.62
- ▶ F112447.dat
- ▶ query=q31182_p1
- ▶ precursor=639.888090
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	852.853	847.513	0.672	847.177	S[2]
G[2]	68.704	809.838	804.499	0.677	804.163	G[22]
R[3]	120.738	790.831	785.492	785.828	785.156	R[21]
G[4]	139.745	738.798	713.456	713.704	713.122	G[20]
K[5]	196.447	719.790	714.451	714.707	714.115	K[19]
G[6]	215.454	663.089	657.749	658.085	657.413	G[18]
G[7]	234.461	644.081	638.742	639.078	638.406	G[17]
K[8]	291.163	625.074	619.735	620.071	619.399	K[16]
G[9]	310.170	568.372	563.033	563.369	562.697	G[15]
L[10]	347.985	549.365	544.026	544.362	543.690	L[14]
G[11]	366.872	511.671	506.331	506.667	505.995	G[13]
K[12]	409.570	492.663	487.324	487.660	486.988	K[12]
G[13]	428.577	449.965	444.626	444.961	444.290	G[11]
G[14]	447.585	430.958	425.619	425.954	425.282	G[10]
A[15]	471.264	411.951	406.611	406.947	406.275	A[9]
K[16]	527.978	388.272	382.932	383.268	382.596	K[8]
R[17]	580.011	331.558	326.219	326.554	325.882	R[7]
H[18]	625.698	279.824	274.485	274.820	273.849	H[6]
R[19]	677.731	233.838	228.499	228.834	228.162	R[5]
K[20]	729.773	181.804	176.465	176.800	176.129	K[4]
V[21]	762.796	129.762	124.422	124.758	124.086	V[3]
L[22]	800.491	96.739	91.400	91.736	91.064	L[2]
R[23]	852.525	59.645	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Trimethyl}_{42.05} GGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRKVLK^(Dimethyl)_(28.03)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.91
- ▶ F112447.dat
- ▶ query=q31184.p1
- ▶ precursor=852.848510
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2556.543	2540.525	0.000	2539.517	S[23]
G[2]	204.098	2427.501	2411.482	0.000	2410.474	G[22]
R[3]	300.199	2370.479	2354.461	2355.468	2353.453	R[21]
G[4]	417.220	2214.378	2198.359	2199.367	2197.352	G[20]
K[5]	587.362	2157.357	2141.338	2142.346	2140.330	K[19]
G[6]	644.384	1987.215	1971.197	1972.204	1970.188	G[18]
G[7]	701.405	1930.193	1914.175	1915.182	1913.167	G[17]
K[8]	829.500	1873.172	1857.153	1858.161	1856.145	K[16]
G[9]	886.522	1745.077	1729.058	1730.066	1728.050	G[15]
L[10]	999.606	1688.055	1672.037	1673.045	1671.029	L[14]
G[11]	1056.627	1574.971	1558.953	1559.960	1557.945	G[13]
K[12]	1228.723	1517.950	1501.931	1502.939	1500.923	K[12]
G[13]	1283.754	1347.844	1331.826	1332.833	1330.816	G[11]
G[14]	1340.776	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1411.813	1233.801	1217.783	1218.791	1216.775	A[9]
K[16]	1581.918	1182.784	1146.746	1147.753	1145.738	K[8]
R[17]	1738.019	902.659	978.640	977.648	975.632	R[7]
R[18]	1875.078	836.598	820.579	821.547	819.531	R[6]
R[19]	2013.179	699.499	683.480	684.448	682.472	R[5]
K[20]	2150.274	543.398	527.379	528.387	525.371	K[4]
V[21]	2258.343	415.303	399.284	400.292	398.276	V[3]
L[22]	2371.427	316.234	300.215	301.223	299.209	L[2]
R[23]	2555.559	203.150	187.132	188.139	186.124	R[1]

sp | P62806 | H4_MOUSE

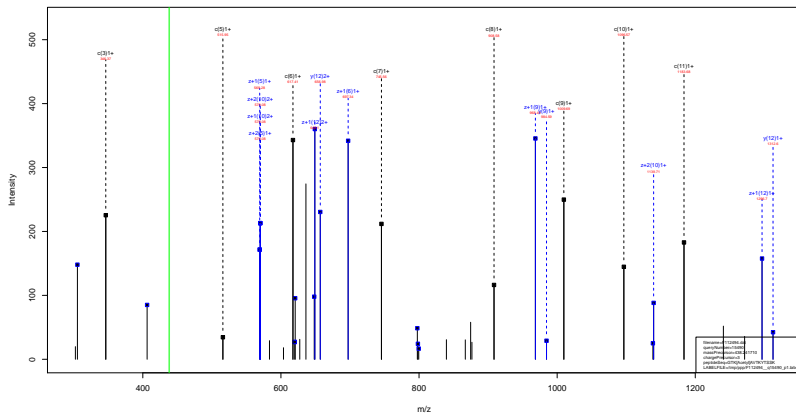
[Acetyl]SGRGK^{Trimethyl}_{42.05} GGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRKVLR^(Dimethyl)_(28.03)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.91
- ▶ F112447.dat
- ▶ query=q31184_p1
- ▶ precursor=852.848510
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1278.775	1270.766	0.504	1270.262	S(2)
G	2	102.553	1214.254	1206.245	0.504	1205.741	G(2)
R	3	180.603	1185.743	1177.734	1178.238	1177.230	R(2)
G	4	200.114	1107.693	1099.683	1100.187	1099.179	G(2)
K	5	294.185	1079.182	1071.173	1071.677	1070.669	K(2)
G	6	322.697	924.111	988.102	988.606	985.598	G(2)
G	7	351.206	905.602	957.591	958.095	957.087	G(2)
K	8	415.254	937.090	929.080	929.584	928.576	K(2)
G	9	443.765	873.042	885.031	885.537	884.529	G(2)
L	10	500.307	844.531	836.522	837.026	836.018	L(2)
G	11	528.817	787.989	779.980	780.484	779.476	G(2)
K	12	613.810	759.479	751.469	751.973	750.965	K(2)
G	13	642.321	674.429	666.420	666.924	665.917	G(2)
G	14	670.891	645.915	637.906	638.410	637.402	G(2)
A	15	706.410	617.404	609.395	609.899	608.891	A(2)
R	16	791.463	591.888	573.879	574.383	573.373	R(2)
R	17	869.513	496.833	488.824	489.328	488.320	R(2)
T	18	938.043	418.782	410.773	411.277	410.269	T(2)
R	19	1016.093	350.253	342.244	342.748	341.740	R(2)
K	20	1080.141	272.202	264.193	264.697	263.689	K(2)
V	21	1129.675	208.155	200.146	200.650	199.642	V(2)
L	22	1186.217	158.621	150.611	151.115	150.108	L(2)
R	23	1278.263	102.079	94.069	94.573	93.565	R(2)

sp | P70696 | H2B1A_MOUSE

GTK ^{Acetyl} AVTKYTSSK
42.01



sp | P70696 | H2B1A_MOUSE

GTK ^{Acetyl} 42.01 AVTKYTSSK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.14
- ▶ F112494.dat
- ▶ query=q15490_p1
- ▶ precursor=438.241710
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G [1]	75.055	1312.711	1296.692	0.000	1295.684	G [12]
T [2]	118.103	1295.683	1279.677	0.000	1278.663	T [11]
K [3]	346.208	1154.642	1138.623	1139.631	1137.615	K [10]
A [4]	417.248	984.536	968.517	966.525	967.509	A [9]
V [5]	516.314	913.499	897.480	898.488	896.472	V [8]
T [6]	617.362	814.431	798.412	799.420	797.404	T [7]
K [7]	745.457	713.383	697.364	698.372	696.356	K [6]
V [8]	908.520	589.308	569.289	570.297	568.281	V [5]
T [9]	1009.568	422.225	406.206	407.214	405.199	T [4]
S [10]	1096.600	321.177	305.158	306.166	304.150	S [3]
S [11]	1183.632	234.145	218.126	219.134	217.118	S [2]
R [12]	1311.727	147.113	131.094	132.102	130.086	R [1]

sp | P70696 | H2B1A_MOUSE

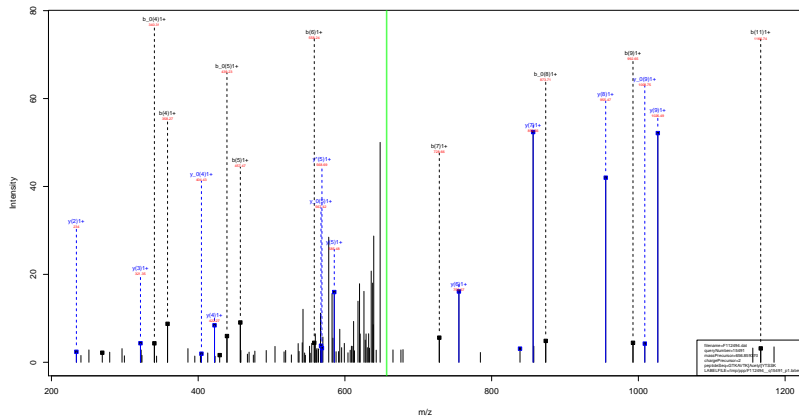
GTK ^{Acetyl} 42.01 AVTKYTSSK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.14
- ▶ F112494.dat
- ▶ query=q15490_p1
- ▶ precursor=438.241710
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G[1]	88.0311	656.859	648.850	0.504	648.346	G[12]
T[2]	88.555	628.348	620.339	0.504	619.835	T[11]
K[3]	173.608	577.824	569.815	570.319	569.311	K[10]
A[4]	209.126	492.722	484.762	485.266	484.258	A[9]
V[5]	256.661	457.263	449.244	449.740	448.740	V[8]
T[6]	309.184	407.719	399.710	400.213	399.206	T[7]
K[7]	373.232	357.195	349.186	349.690	348.682	K[6]
V[8]	454.764	293.148	285.138	285.642	284.634	V[5]
T[9]	505.287	231.636	203.607	204.110	203.103	T[4]
S[10]	548.803	161.092	153.083	153.587	152.579	S[3]
S[11]	592.320	117.576	109.567	110.071	109.063	S[2]
K[12]	656.367	74.060	66.051	66.555	65.547	K[1]

sp | P70696 | H2B1A_MOUSE

GTKAVTK ^{Acetyl}YTSSK
42.01



sp | P70696 | H2B1A_MOUSE

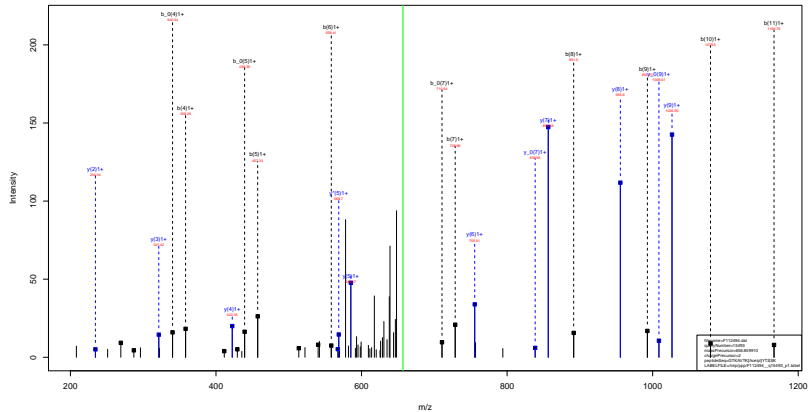
GTKAVTK ^{Acetyl} YTSSK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=51.98
- ▶ F112494.dat
- ▶ query=q15491_p1
- ▶ precursor=656.859370
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a+b	b	b'	b+a	c	c'	c+b	AA
Q1	331.092	0.000	331.092	331.092	0.000	0.000	1132.712	0.000	1463.804	Q12
T1	331.092	0.000	331.092	331.092	0.000	0.000	1463.804	0.000	1463.804	T11
K2	359.176	262.150	244.168	277.372	279.145	260.161	175.848	1137.615	1136.931	K10
A1	339.014	313.839	329.089	358.208	359.379	240.189	1028.541	1009.709	1008.536	A10
V1	429.282	432.255	441.371	457.277	446.250	439.206	955.509	938.483	937.669	V10
T1	339.014	331.092	332.739	358.325	351.209	360.134	856.441	839.415	838.431	T12
K1	339.014	363.493	362.742	728.439	331.424	331.424	725.379	707.962	717.283	K10
V1	361.699	369.472	369.492	369.492	374.917	873.481	585.239	568.261	567.277	V10
T1	361.699	367.519	368.139	902.541	375.313	374.917	422.235	405.109	404.214	T10
S10	393.179	393.652	393.658	397.973	392.547	393.653	321.377	304.150	303.166	S10
S11	1178.603	1178.589	1178.600	1166.605	1166.599	1166.599	234.140	217.119	216.106	S10
R12	1366.100	1366.039	1348.949	1349.104	1377.014	1376.959	437.119	130.080	0.000	R10

sp | P70696 | H2B1A_MOUSE

GTKAVTK ^{Acetyl} YTSSK
42.01



sp | P70696 | H2B1A_MOUSE

GTKAVTK^{Acetyl}YTSSK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=72.22
- ▶ F112494.dat
- ▶ query=q15493_p1
- ▶ precursor=656.859910
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a+b	b	b'	b+a	x	x'	x+b	AA
Q1	331.092	0.000	331.092	363.000	0.000	694.092	1132.712	0.000	1496.804	Q12
T1	331.092	0.000	331.092	363.000	0.000	694.092	1255.892	0.000	1619.984	T13
K2	359.176	262.150	621.326	287.171	370.145	389.181	1124.847	1.137	1514.031	K10
A1	359.176	313.130	672.306	358.208	381.130	340.189	1028.547	0.000	1369.737	A16
V1	429.282	432.250	411.291	457.277	440.250	439.286	856.569	0.000	1315.835	V18
I1	439.370	513.303	513.370	558.325	541.303	540.334	856.441	0.000	1397.782	I17
K7	459.452	563.400	563.452	728.439	711.400	730.420	755.393	0.000	1486.813	K8
V10	461.460	565.412	565.460	691.403	674.412	673.421	825.280	0.000	1498.702	V15
V11	461.460	567.424	567.460	692.541	675.424	674.431	827.235	0.000	1498.714	V14
S10	503.536	3034.052	2933.589	3079.573	3062.547	3063.083	321.377	304.150	3033.149	S15
S11	519.600	1120.569	1120.569	1166.565	1149.600	1149.600	234.140	232.130	1126.739	S16
R12	1356.100	1356.100	1348.945	1324.122	1337.824	1336.959	437.110	1.300	0.000	R13

sp | P70696 | H2B1A_MOUSE

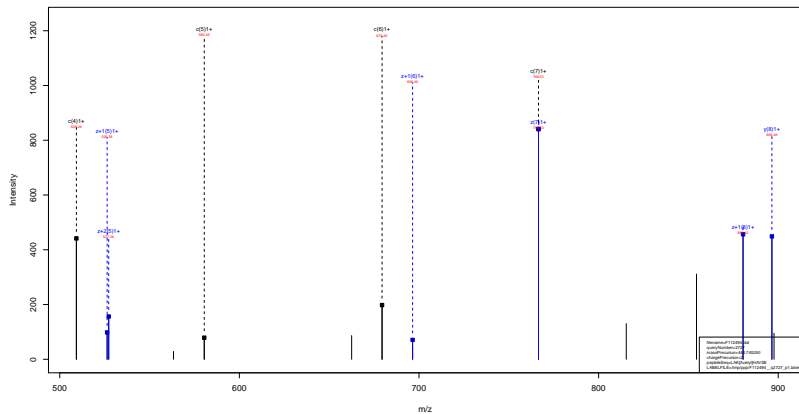
LAK^{Acetyl} 42.01 HAVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=27.85
- ▶ F112494.dat
- ▶ query=q2726_p1
- ▶ precursor=448.745250
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
L1	86.298	0.000	0.000	114.793	0.000	0.000	688.483	0.000	0.000	L10
A1	157.134	0.000	0.000	185.128	0.000	0.000	793.400	0.000	0.000	A17
K1	327.230	100.213	0.000	355.234	108.207	0.000	712.362	695.338	0.000	K16
H1	404.298	447.271	0.000	492.293	475.264	0.000	542.257	0.000	0.000	H15
A1	535.232	318.209	0.000	563.300	346.203	0.000	455.100	0.000	0.000	A14
V1	624.404	617.377	0.000	662.398	645.372	0.000	334.181	0.000	0.000	V13
S1	721.436	704.409	701.425	749.430	732.404	731.420	235.092	0.000	217.082	S12
E1	850.478	833.450	834.466	878.473	861.446	860.462	148.060	0.000	130.050	E11

sp | P70696 | H2B1A_MOUSE

LAK^{Acetyl} HAVSE
42.01



sp | P70696 | H2B1A_MOUSE

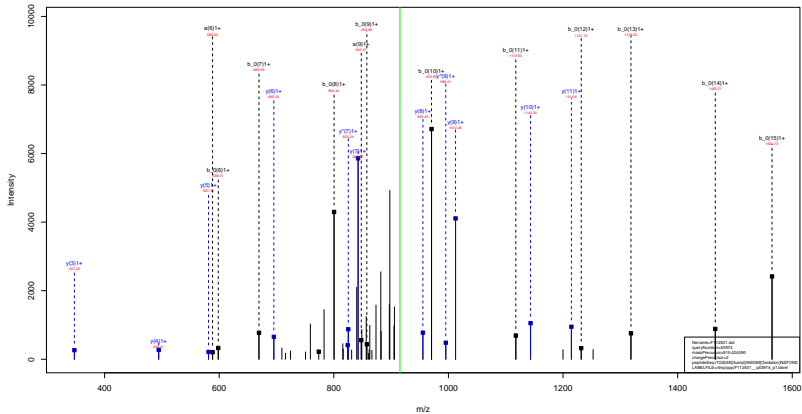
LAK^{Acetyl} 42.01 HAVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.41
- ▶ F112494.dat
- ▶ query=q2727.p1
- ▶ precursor=448.745250
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
L	1	131.118	896.484	880.465	0.000	879.457	L
A	2	202.155	783.400	767.381	0.000	766.373	A
R	3	372.261	712.362	696.344	697.352	699.336	R
H	4	509.319	542.257	526.238	527.246	525.230	H
A	5	580.357	405.198	389.179	390.187	388.171	A
V	6	679.425	334.161	318.142	319.150	317.134	V
S	7	766.457	235.092	219.074	220.082	218.066	S
E	8	899.500	148.060	132.042	133.050	131.034	E

sp | Q64475 | H2B1B_MOUSE

TGISSK Acetyl 42.01 AMGIM Oxidation 15.99 NSFVND



sp | Q64475 | H2B1B_MOUSE

TGISSK ^{Acetyl} 42.01 AMGIM ^{Oxidation} 15.99 NSFVND

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=43.81
- ▶ F112501.dat
- ▶ query=q43974.p1
- ▶ precursor=915.424590
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a Δ	b	b*	b Δ	y	y*	y Δ	AA
T1	74.060	0.000	74.060	141.090	0.000	141.090	162.050	162.050	162.050	T11
G2	134.100	0.000	134.100	159.010	0.000	159.010	170.790	170.790	170.790	G26
I3	204.160	0.000	204.160	177.180	0.000	177.180	181.770	181.770	181.770	I15
S4	251.190	0.000	251.190	199.190	0.000	199.190	180.680	180.680	180.680	S14
S5	414.200	0.000	414.200	246.200	0.000	246.200	187.690	187.690	187.690	S13
R6	538.135	0.000	538.135	265.130	0.000	265.130	538.130	136.620	136.620	R12
A7	702.212	0.000	702.212	307.200	0.000	307.200	667.257	1214.518	1137.600	A11
T8	789.010	773.385	15.625	318.000	0.000	318.000	805.707	1145.481	1129.670	T10
G9	847.434	0.000	847.434	319.420	0.000	319.420	857.419	1012.440	995.414	G16
I10	950.010	0.000	950.010	360.010	0.000	360.010	970.503	955.419	938.700	I10
M11	1037.050	1009.520	27.530	313.540	1118.520	1118.520	1117.538	842.335	825.308	M17
N12	1214.700	429.710	784.990	339.000	1312.700	1312.700	1213.581	995.209	995.209	N10
S13	1308.650	1281.40	27.250	338.620	1318.270	1318.270	1318.413	981.297	984.210	S15
F14	1435.007	1438.800	-3.793	340.000	1405.000	1405.000	1445.681	894.225	877.100	F14
L15	1554.700	1537.000	17.700	350.000	1504.700	1504.700	1554.700	947.126	954.100	L15
N16	1698.000	1681.100	16.900	360.000	1628.000	1628.000	1698.000	1011.000	1011.000	N16
D17	1773.000	1768.000	5.000	371.000	1704.000	1704.000	1773.000	1041.000	1041.000	D17

sp | Q64475 | H2B1B_MOUSE

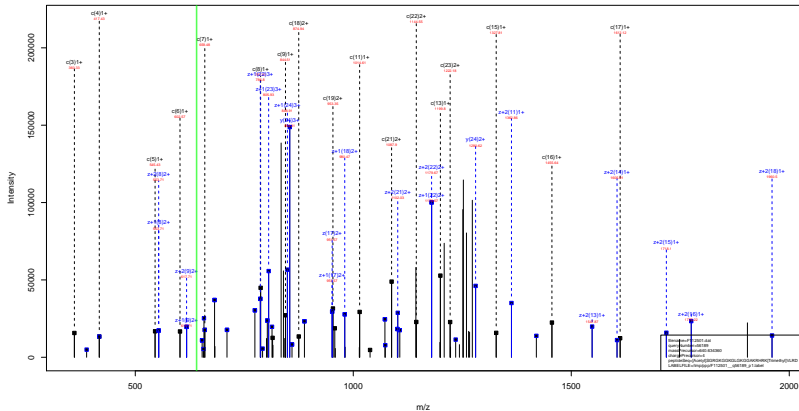
TGISSK Acetyl 42.01 AM Oxidation 15.99 GIM Oxidation 15.99 NSFVND

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=31.83
- ▶ F112501.dat
- ▶ query=q44334.p1
- ▶ precursor=923.420980
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,p	b	b*	b,p	y	y*	y,p	AA
T11	74.080	0.000	95.940	100.030	0.000	10.044	1045.830	1020.800	1037.830	T11
G12	133.080	0.000	133.070	139.070	0.000	141.060	1144.780	1127.780	1136.770	G12
K13	144.080	0.000	144.070	150.070	0.000	150.150	1187.780	1170.780	1180.770	K13
S14	151.080	0.000	151.080	158.080	0.000	161.180	1174.880	1157.880	1168.870	S14
R15	158.080	0.000	160.070	168.070	0.000	170.160	1169.880	1152.880	1163.860	R15
R16	168.080	0.000	170.070	178.070	0.000	180.150	1164.880	1147.880	1158.860	R16
A17	180.070	0.000	181.070	188.070	0.000	190.140	1159.880	1142.880	1153.860	A17
M18	189.070	0.000	190.070	197.070	0.000	200.130	1154.880	1135.880	1148.850	M18
G19	193.070	0.000	194.070	201.070	0.000	210.120	1149.880	1128.880	1143.840	G19
K20	197.070	0.000	198.070	205.070	0.000	220.110	1144.880	1121.880	1138.830	K20
M21	203.060	0.000	204.060	211.060	0.000	230.100	1139.880	1114.880	1133.820	M21
N22	207.060	0.000	208.060	215.060	0.000	240.090	1134.880	1107.880	1128.810	N22
S23	214.050	0.000	215.050	221.050	0.000	250.080	1129.880	1099.880	1123.800	S23
T24	217.050	0.000	218.050	225.050	0.000	260.070	1124.880	1092.880	1118.790	T24
V25	226.040	0.000	227.040	233.040	0.000	270.060	1119.880	1084.880	1113.780	V25
N26	230.040	0.000	231.040	237.040	0.000	280.050	1114.880	1077.880	1108.770	N26
D27	239.030	0.000	240.030	245.030	0.000	290.040	1109.880	1069.880	1103.760	D27

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Trimethyl VLRD
42.05



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=101.23
- ▶ F112501.dat
- ▶ query=q56189.p1
- ▶ precursor=640.634360
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	167.076	2559.518	2543.490	0.000	2542.491	S[24]
G[2]	224.598	2430.475	2414.457	0.000	2413.449	G[23]
H[3]	360.199	2373.454	2357.438	2356.443	2356.427	H[22]
G[4]	417.220	2217.353	2201.334	2202.342	2200.326	G[21]
K[5]	545.315	2160.331	2144.311	2145.320	2143.305	K[20]
G[6]	602.337	2032.238	2016.218	2017.225	2015.210	G[19]
G[7]	659.358	1975.215	1959.190	1960.204	1958.189	G[18]
K[8]	787.453	1918.193	1902.173	1903.182	1901.167	K[17]
G[9]	844.475	1790.098	1774.080	1775.087	1773.072	G[16]
L[10]	957.559	1733.077	1717.059	1718.066	1716.056	L[15]
G[11]	1014.580	1619.993	1603.974	1604.982	1602.968	G[14]
K[12]	1142.075	1562.971	1546.953	1547.960	1545.945	K[13]
G[13]	1199.697	1434.878	1418.859	1419.866	1417.850	G[12]
G[14]	1256.718	1377.855	1361.830	1362.844	1360.828	G[11]
A[15]	1327.755	1320.833	1304.813	1305.823	1303.807	A[10]
K[16]	1435.850	1249.795	1233.773	1234.785	1232.770	K[9]
R[17]	1611.951	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1748.010	995.600	949.582	950.589	948.574	H[7]
R[19]	1905.111	828.541	812.523	813.530	811.515	R[6]
K[20]	2075.253	672.440	656.422	657.429	655.414	K[5]
V[21]	2174.322	502.298	486.280	487.287	485.272	V[4]
L[22]	2287.406	401.236	387.211	388.219	386.203	L[3]
D[23]	2443.507	290.140	274.121	275.129	273.113	D[2]
D[24]	2558.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=101.23
- ▶ F112501.dat
- ▶ query=q56189_p1
- ▶ precursor=640.634360
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1280.263	1272.263	0.504	1271.740	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.228	G[23]
R[3]	180.603	1187.231	1179.221	1179.725	1178.717	R[22]
G[4]	259.114	1109.189	1101.171	1101.675	1100.666	G[21]
K[5]	273.151	1080.699	1072.690	1073.194	1072.156	K[20]
G[6]	301.672	1016.622	1008.612	1009.116	1008.109	G[19]
G[7]	330.183	988.111	980.102	980.606	979.599	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	895.551	887.543	888.047	887.040	G[16]
L[10]	479.283	867.042	859.033	859.537	858.530	L[15]
G[11]	507.794	810.500	802.491	802.995	801.987	G[14]
K[12]	571.841	781.989	773.980	774.484	773.476	K[13]
G[13]	600.352	717.943	709.932	710.436	709.429	G[12]
G[14]	628.863	699.431	681.422	681.926	680.919	G[11]
A[15]	684.381	660.920	652.911	653.415	652.408	A[10]
R[16]	728.439	625.402	617.392	617.896	616.889	R[9]
R[17]	896.479	561.354	553.345	553.849	552.841	R[8]
H[18]	875.009	483.304	475.294	475.798	474.791	H[7]
R[19]	953.059	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.130	336.724	328.714	329.218	328.211	K[5]
V[21]	1087.665	251.693	243.683	244.187	243.180	V[4]
L[22]	1144.207	202.119	194.109	194.613	193.606	L[3]
R[23]	1222.257	145.577	137.567	138.071	137.064	R[2]
D[24]	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

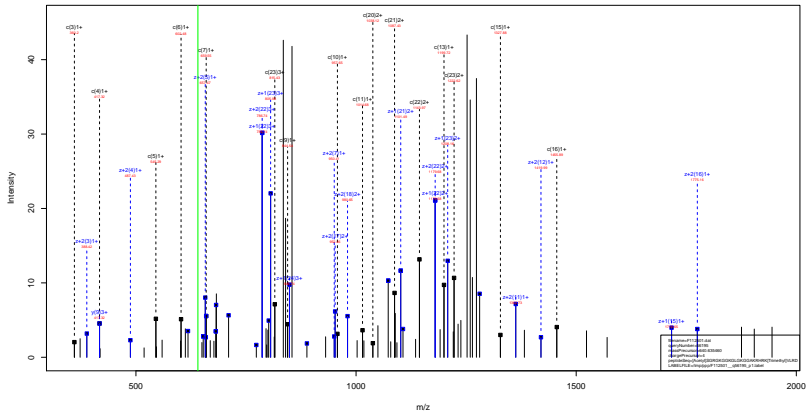
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=101.23
- ▶ F112501.dat
- ▶ query=q56189_p1
- ▶ precursor=640.634360
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.199	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	150.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	578.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.666	535.326	535.662	534.994	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	635.709	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	224.818	219.478	219.815	219.143	K[5]
V[21]	725.445	168.104	162.764	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Trimethyl VLRD
42.05



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.90
- ▶ F112501.dat
- ▶ query=q56195_p1
- ▶ precursor=640.635460
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2509.518	2541.409	0.000	2542.491	S[24]
G[2]	204.098	2430.475	2414.457	0.000	2413.449	G[23]
R[3]	368.199	2373.454	2367.435	2358.443	2366.427	R[22]
G[4]	417.230	2217.953	2201.334	2202.342	2200.326	G[21]
K[5]	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G[6]	602.337	2032.236	2016.218	2017.225	2015.210	G[19]
G[7]	659.358	1975.215	1959.196	1960.204	1958.189	G[18]
K[8]	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G[9]	844.475	1790.098	1774.080	1775.087	1773.072	G[16]
L[10]	927.559	1733.077	1717.058	1718.066	1716.050	L[15]
G[11]	1014.580	1619.993	1603.974	1604.982	1602.966	G[14]
K[12]	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G[13]	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G[14]	1256.718	1377.855	1361.836	1362.844	1360.828	G[11]
A[15]	1327.795	1320.833	1304.815	1305.823	1303.807	A[10]
R[16]	1435.850	1249.796	1233.778	1234.785	1232.770	R[9]
R[17]	1611.951	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1749.010	995.600	949.582	950.589	948.574	H[7]
R[19]	1908.111	828.541	812.523	813.530	811.515	R[6]
K[20]	2075.253	672.440	656.422	657.429	655.414	K[5]
V[21]	2174.322	502.298	486.280	487.287	485.272	V[4]
L[22]	2287.406	403.232	387.213	388.219	386.203	L[3]
R[23]	2443.507	298.146	274.127	275.135	273.119	R[2]
D[24]	2598.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.90
- ▶ F112501.dat
- ▶ query=q56195_p1
- ▶ precursor=640.635460
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1280.263	1272.259	0.504	1271.449	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.228	G[23]
R[3]	180.603	1187.213	1179.221	1179.725	1178.717	R[22]
G[4]	269.114	1109.185	1101.171	1101.975	1100.667	G[21]
K[5]	273.161	1080.060	1072.660	1073.164	1072.156	K[20]
G[6]	351.672	1016.622	1008.612	1009.116	1008.108	G[19]
G[7]	330.193	988.111	980.100	980.606	979.599	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	895.513	887.503	888.047	887.040	G[16]
L[10]	479.283	867.042	859.033	859.537	858.529	L[15]
G[11]	507.794	810.500	802.491	802.995	801.987	G[14]
K[12]	571.841	781.989	773.980	774.484	773.476	K[13]
G[13]	600.352	717.942	709.932	710.436	709.429	G[12]
G[14]	628.863	689.431	681.422	681.926	680.918	G[11]
A[15]	664.381	660.920	652.911	653.415	652.407	A[10]
R[16]	708.409	626.400	618.390	617.896	616.889	R[9]
R[17]	806.479	561.354	553.345	553.849	552.841	R[8]
H[18]	875.009	483.304	475.294	475.798	474.791	H[7]
R[19]	963.059	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.130	336.724	328.714	329.218	328.211	K[5]
V[21]	1087.665	251.663	243.653	244.147	243.140	V[4]
L[22]	1144.707	202.119	194.109	194.613	193.606	L[3]
R[23]	1222.257	145.577	137.567	138.071	137.065	R[2]
D[24]	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD_{42.05}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.90
- ▶ F112501.dat
- ▶ query=q56195.p1
- ▶ precursor=640.635460
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	845.505	0.672	648.169	S[24]
G[2]	68.704	810.830	805.490	0.672	805.154	G[23]
R[3]	120.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.258	578.364	573.024	573.360	572.688	L[15]
G[11]	338.265	540.660	535.320	535.656	534.984	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.530	317.199	317.535	316.863	H[7]
R[19]	635.709	276.892	271.552	271.888	271.216	R[6]
K[20]	692.423	234.813	219.479	219.815	219.143	K[5]
V[21]	725.445	188.194	182.795	183.101	182.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=113.04
- ▶ F112501.dat
- ▶ query=q56200.p1
- ▶ precursor=640.637440
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	167.076	2559.518	2543.490	0.000	2542.491	S[24]
G[2]	224.598	2430.475	2414.457	0.000	2413.449	G[23]
H[3]	360.199	2373.454	2357.438	2356.443	2356.427	H[22]
G[4]	417.220	2217.353	2201.334	2202.342	2200.325	G[21]
K[5]	545.115	2160.311	2144.311	2145.320	2143.305	K[20]
G[6]	602.137	2032.238	2016.218	2017.225	2015.210	G[19]
G[7]	659.158	1975.215	1959.190	1960.204	1958.189	G[18]
K[8]	707.453	1918.193	1902.173	1903.182	1901.167	K[17]
G[9]	844.475	1790.096	1774.080	1775.087	1773.072	G[16]
L[10]	957.559	1733.071	1717.059	1718.066	1716.056	L[15]
G[11]	1014.580	1619.993	1603.974	1604.982	1602.968	G[14]
K[12]	1142.075	1562.971	1546.953	1547.960	1545.945	K[13]
G[13]	1199.697	1434.878	1418.859	1419.866	1417.850	G[12]
G[14]	1256.718	1377.855	1361.830	1362.844	1360.828	G[11]
A[15]	1327.755	1320.833	1304.813	1305.823	1303.807	A[10]
K[16]	1435.850	1249.795	1233.773	1234.785	1232.770	K[9]
R[17]	1611.951	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1740.010	995.600	949.582	950.589	948.574	H[7]
R[19]	1905.111	828.541	812.523	813.530	811.515	R[6]
K[20]	2075.253	672.440	656.422	657.429	655.414	K[5]
V[21]	2174.322	502.298	486.280	487.287	485.272	V[4]
L[22]	2287.406	401.216	387.211	388.219	386.203	L[3]
D[23]	2433.507	290.140	274.127	275.135	273.119	D[2]
D[24]	2558.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=113.04
- ▶ F112501.dat
- ▶ query=q56200_p1
- ▶ precursor=640.637440
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	x+1	x+2	z	AA
S	1	74.042	1280.263	1272.253	0.504	1271.449	S[24]
G	2	102.553	1215.741	1207.732	0.504	1207.228	G[23]
R	3	180.603	1187.212	1179.221	1179.725	1178.717	R[22]
G	4	269.114	1109.180	1101.773	1101.875	1100.667	G[21]
K	5	273.161	1080.060	1072.660	1073.164	1072.158	K[20]
G	6	301.672	1016.622	1008.612	1009.116	1008.108	G[19]
G	7	330.183	968.111	960.102	960.606	979.599	G[18]
K	8	394.230	959.600	951.591	952.095	951.087	K[17]
G	9	422.741	895.513	887.543	888.047	887.040	G[16]
L	10	479.293	867.042	859.034	859.537	868.529	L[15]
G	11	507.794	810.500	802.491	802.995	801.987	G[14]
K	12	571.841	781.989	773.980	774.484	773.476	K[13]
G	13	600.352	717.942	709.932	710.436	709.429	G[12]
G	14	628.863	689.431	681.422	681.926	680.918	G[11]
A	15	664.361	660.920	652.911	653.415	652.407	A[10]
R	16	708.409	626.409	617.392	617.896	616.889	R[9]
R	17	806.479	561.354	553.345	553.849	552.841	R[8]
H	18	875.009	483.304	475.294	475.798	474.791	H[7]
R	19	953.059	414.774	406.765	407.269	406.261	R[6]
K	20	1038.130	336.724	328.714	329.218	328.211	K[5]
V	21	1087.665	251.663	243.653	244.147	243.140	V[4]
L	22	1144.202	202.119	194.109	194.613	193.606	L[3]
R	23	1222.257	145.577	137.567	138.071	137.063	R[2]
D	24	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

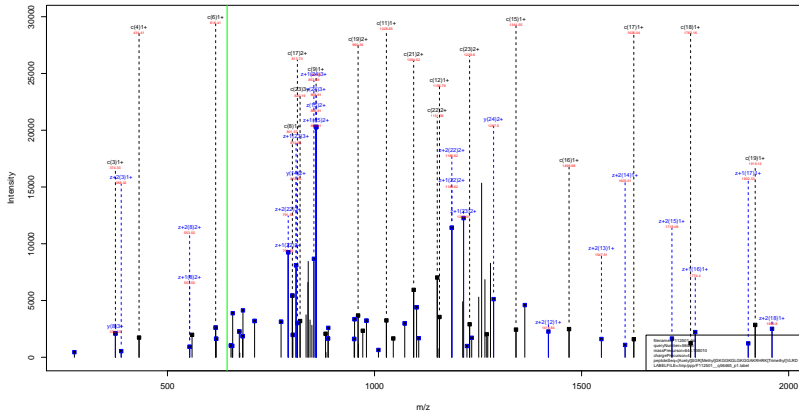
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=113.04
- ▶ F112501.dat
- ▶ query=q56200.p1
- ▶ precursor=640.637440
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.169	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	120.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	578.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.666	535.326	535.662	534.994	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	635.709	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	224.818	219.478	219.815	219.143	K[5]
V[21]	725.445	168.104	162.764	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} 14.02 GKGKGLGKGGAKRHRK^{Trimethyl} VLRD 42.05



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=134.85
- ▶ F112501.dat
- ▶ query=q56465_p1
- ▶ precursor=644.138010
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2573.534	2557.515	0.000	2556.507	S[24]
G	2	204.098	2444.491	2428.472	0.000	2427.464	G[23]
R	3	374.215	2387.469	2371.451	2472.499	2370.443	R[22]
G	4	431.236	2317.953	2299.334	2292.342	2290.326	G[21]
K	5	559.331	2160.331	2144.313	2145.320	2143.305	K[20]
G	6	616.353	2032.236	2016.218	2017.225	2015.210	G[19]
G	7	673.374	1975.215	1959.196	1960.204	1958.189	G[18]
K	8	801.469	1918.193	1902.175	1903.182	1901.167	K[17]
G	9	858.490	1790.096	1774.080	1775.087	1773.072	G[16]
L	10	971.574	1733.071	1717.053	1718.066	1716.050	L[15]
G	11	1028.596	1619.993	1603.974	1604.982	1602.966	G[14]
K	12	1156.691	1562.971	1546.953	1547.960	1545.945	K[13]
G	13	1213.712	1434.876	1418.858	1419.866	1417.850	G[12]
G	14	1270.734	1377.855	1361.836	1362.844	1360.828	G[11]
A	15	1341.771	1320.833	1304.815	1305.823	1303.807	A[10]
R	16	1409.866	1249.796	1233.778	1234.785	1232.770	R[9]
R	17	1625.967	1121.701	1105.683	1106.691	1104.675	R[8]
H	18	1763.026	995.600	989.582	990.589	988.574	H[7]
R	19	1919.127	826.541	810.523	813.530	811.515	R[6]
K	20	2089.269	672.440	656.422	657.429	655.414	K[5]
V	21	2188.337	502.298	486.280	487.287	485.272	V[4]
L	22	2391.421	403.230	387.211	388.219	386.203	L[3]
R	23	2457.523	298.146	274.127	275.135	273.119	R[2]
D	24	2572.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=134.85
- ▶ F112501.dat
- ▶ query=q56465_p1
- ▶ precursor=644.138010
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1287.270	1279.261	0.504	1278.757	S[24]
G[2]	102.553	1222.749	1214.740	0.504	1214.236	G[23]
R[3]	187.811	1194.238	1186.229	1186.733	1185.725	R[22]
G[4]	218.322	1109.188	1101.171	1101.675	1100.667	G[21]
K[5]	280.189	1080.060	1072.660	1073.164	1072.156	K[20]
G[6]	308.680	1016.622	1008.612	1009.116	1008.108	G[19]
G[7]	337.191	988.111	980.102	980.606	979.598	G[18]
K[8]	401.238	959.600	951.591	952.095	951.087	K[17]
G[9]	429.749	895.553	887.543	888.047	887.040	G[16]
L[10]	489.293	867.042	859.033	859.537	858.529	L[15]
G[11]	514.802	810.500	802.491	802.995	801.987	G[14]
K[12]	578.949	781.989	773.980	774.484	773.476	K[13]
G[13]	607.360	717.942	709.932	710.436	709.429	G[12]
G[14]	635.871	689.431	681.422	681.926	680.918	G[11]
A[15]	667.389	660.920	652.911	653.415	652.407	A[10]
R[16]	735.437	629.409	617.392	617.896	616.889	R[9]
R[17]	813.487	561.354	553.345	553.849	552.841	R[8]
H[18]	882.017	483.304	475.294	475.798	474.791	H[7]
R[19]	960.067	414.774	406.765	407.269	406.261	R[6]
K[20]	1045.138	336.724	328.714	329.218	328.211	K[5]
V[21]	1094.672	251.663	243.653	244.147	243.140	V[4]
L[22]	1151.214	202.132	194.123	194.617	193.610	L[3]
R[23]	1229.265	145.577	137.567	138.071	137.063	R[2]
D[24]	1286.778	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGKGLGKGGAKRHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=134.85
- ▶ F112501.dat
- ▶ query=q56465.p1
- ▶ precursor=644.138010
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	858.516	853.176	0.672	852.841	S[24]
G[2]	58.704	815.902	810.162	0.672	809.826	G[23]
R[3]	125.410	796.495	791.155	791.491	790.819	R[22]
G[4]	144.417	739.789	734.450	734.785	734.114	G[21]
K[5]	187.115	720.782	715.442	715.778	715.106	K[20]
G[6]	206.122	678.084	672.744	673.080	672.408	G[19]
G[7]	225.130	659.076	653.737	654.073	653.401	G[18]
K[8]	267.828	640.069	634.730	635.066	634.394	K[17]
G[9]	286.835	597.371	592.031	592.367	591.699	G[16]
L[10]	324.930	578.364	573.024	573.360	572.688	L[15]
G[11]	343.937	540.666	535.326	535.666	534.994	G[14]
K[12]	386.235	521.662	516.322	516.658	515.986	K[13]
G[13]	405.242	478.964	473.624	473.960	473.288	G[12]
G[14]	424.249	459.957	454.617	454.953	454.281	G[11]
A[15]	447.929	440.949	435.610	435.946	435.274	A[10]
K[16]	490.627	417.270	411.931	412.267	411.595	K[9]
R[17]	542.661	374.572	369.232	369.568	368.896	R[8]
H[18]	588.347	322.538	317.199	317.535	316.863	H[7]
R[19]	640.381	276.852	271.512	271.848	271.176	R[6]
K[20]	697.095	224.818	219.478	219.815	219.143	K[5]
V[21]	730.117	168.104	162.764	163.101	162.429	V[4]
L[22]	767.812	135.082	129.742	130.078	129.406	L[3]
R[23]	819.846	97.387	92.047	92.383	91.711	R[2]
D[24]	858.188	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Methyl}_{14.02} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=93.59
- ▶ F112501.dat
- ▶ query=q56468_p1
- ▶ precursor=515.517010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.006	2573.570	2557.551	0.000	2556.543	S[24]
G[2]	162.087	2486.538	2470.519	0.000	2469.511	G[23]
R[3]	360.235	2420.516	2413.488	2414.506	2412.460	R[22]
G[4]	417.257	2213.568	2218.390	2219.357	2214.341	G[21]
K[5]	545.352	2174.347	2158.338	2150.336	2157.320	K[20]
G[6]	602.373	2046.252	2030.235	2031.241	2029.225	G[19]
G[7]	659.395	1989.230	1973.215	1974.220	1972.204	G[18]
K[8]	787.490	1932.209	1916.190	1917.198	1915.182	K[17]
G[9]	844.511	1894.114	1788.085	1789.103	1787.087	G[16]
L[10]	927.595	1747.093	1733.074	1732.082	1730.066	L[15]
G[11]	1014.617	1634.026	1617.990	1618.998	1616.982	G[14]
K[12]	1142.712	1576.987	1560.968	1561.976	1559.960	K[13]
G[13]	1199.733	1448.902	1432.873	1433.881	1431.866	G[12]
G[14]	1256.755	1391.871	1375.852	1376.860	1374.844	G[11]
A[15]	1327.792	1334.849	1318.830	1319.838	1317.823	A[10]
R[16]	1459.834	1283.812	1247.793	1248.801	1246.785	R[9]
R[17]	1654.035	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1791.094	937.569	921.550	922.558	920.542	H[7]
R[19]	1947.195	800.510	784.491	785.499	783.484	R[6]
K[20]	2089.305	644.409	628.390	629.398	627.382	K[5]
V[21]	2188.374	502.298	486.280	487.287	485.272	V[4]
L[22]	2397.456	403.230	387.211	388.219	386.203	L[3]
R[23]	2457.559	290.146	274.127	275.135	273.119	R[2]
D[24]	2572.588	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Methyl}_{14.02} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=93.59
- ▶ F112501.dat
- ▶ query=q56468.p1
- ▶ precursor=515.517010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	81.017	1087.209	1270.299	0.504	1278.776	S[24]
G[2]	81.547	1243.773	1235.763	0.504	1235.250	G[23]
K[3]	180.621	1215.262	1207.252	1207.756	1206.740	K[22]
G[4]	289.182	1116.166	1108.156	1108.662	1107.652	G[21]
K[5]	273.180	1087.877	1079.668	1088.172	1079.154	K[20]
G[6]	301.690	1023.630	1015.620	1016.124	1015.116	G[19]
G[7]	330.201	995.119	987.110	987.613	986.600	G[18]
K[8]	394.248	956.608	958.599	959.103	958.095	K[17]
G[9]	422.759	928.081	894.551	895.055	894.047	G[16]
L[10]	479.301	874.050	866.041	866.544	865.531	L[15]
G[11]	507.812	817.508	809.499	810.002	808.995	G[14]
K[12]	571.859	788.997	780.988	781.492	780.484	K[13]
G[13]	600.370	724.950	716.940	717.444	716.430	G[12]
G[14]	628.861	696.439	688.430	688.933	687.926	G[11]
A[15]	664.399	667.928	659.919	660.423	659.415	A[10]
R[16]	748.470	632.410	624.400	624.904	623.895	R[9]
R[17]	827.521	547.399	539.329	539.833	538.825	R[6]
H[18]	896.050	469.288	461.279	461.783	460.775	H[7]
R[19]	974.101	400.759	392.749	393.253	392.245	R[6]
K[20]	1045.156	322.708	314.689	315.203	314.195	K[5]
V[21]	1094.691	293.683	285.663	286.177	285.169	V[4]
L[22]	1151.233	202.119	194.100	194.613	193.605	L[3]
R[23]	1229.283	145.577	137.567	138.071	137.063	R[2]
D[24]	1286.797	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Methyl}_{14.02} VL RD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=93.59
- ▶ F112501.dat
- ▶ query=q56468.p1
- ▶ precursor=515.517010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S[1]	35.693	858.528	853.189		0.672	852.853	S[24]
G[2]	54.701	829.517	824.178		0.672	823.842	G[23]
R[3]	120.750	810.510	805.171	805.507		804.835	R[22]
G[4]	139.757	744.461	739.121	739.457		738.785	G[21]
K[5]	182.455	725.454	720.114	720.450		719.778	K[20]
G[6]	201.463	682.755	677.416	677.752		677.080	G[19]
G[7]	220.470	663.749	658.409	658.745		658.073	G[18]
K[8]	253.168	644.741	639.402	639.738		639.066	K[17]
G[9]	282.175	602.843	596.703	597.039		596.367	G[16]
L[10]	319.670	544.196	577.696	578.032		577.360	L[15]
G[11]	338.677	545.341	540.001	540.337		539.666	G[14]
K[12]	381.575	526.334	520.994	521.330		520.658	K[13]
G[13]	400.583	483.630	478.290	478.632		477.960	G[12]
G[14]	419.590	464.628	459.289	459.625		458.953	G[11]
A[15]	443.269	445.621	440.282	440.618		439.946	A[10]
K[16]	469.983	421.942	416.603	416.939		416.267	K[9]
R[17]	552.016	365.226	359.889	360.225		359.553	R[8]
H[18]	597.703	313.195	307.855	308.191		307.519	H[7]
R[19]	649.736	297.508	292.169	292.505		291.833	R[6]
K[20]	697.107	215.475	210.137	210.471		209.799	K[5]
V[21]	730.129	168.104	162.765	163.101		162.429	V[4]
L[22]	767.824	135.082	129.742	130.078		129.406	L[3]
R[23]	819.858	97.387	92.047	92.383		91.711	R[2]
D[24]	858.200	45.353	40.014	40.349		39.678	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl} 42.05 GKGGKGLGKGGAK^{Trimethyl} 42.05 RHRK^{Methyl} 14.02 VLRLD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=93.59
- ▶ F112501.dat
- ▶ query=q56468.p1
- ▶ precursor=515.517010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	27.022	644.140	640.143	0.755	639.091	S[24]
G[2]	41.277	527.390	618.385	0.755	618.133	G[23]
R[3]	90.814	608.135	604.130	604.382	603.878	R[22]
G[4]	105.070	558.598	554.593	554.845	554.341	G[21]
K[5]	137.093	544.342	540.337	540.589	540.086	K[20]
G[6]	151.349	512.318	508.314	508.566	508.062	G[19]
G[7]	165.604	498.063	494.058	494.310	493.806	G[18]
K[8]	197.628	483.808	479.803	480.055	479.551	K[17]
G[9]	211.883	451.784	447.779	448.031	447.527	G[16]
L[10]	280.154	437.529	433.524	433.776	433.272	L[15]
G[11]	254.410	409.250	405.251	405.505	405.001	G[14]
K[12]	286.433	395.002	390.998	391.249	390.746	K[13]
G[13]	300.689	362.978	358.974	359.226	358.722	G[12]
G[14]	314.944	348.723	344.718	344.970	344.466	G[11]
A[15]	332.703	334.468	330.463	330.715	330.211	A[10]
K[16]	375.239	316.708	312.704	312.956	312.452	K[9]
R[17]	414.264	274.173	270.168	270.420	269.916	R[8]
H[18]	448.529	235.146	231.143	231.395	230.891	H[7]
R[19]	487.554	200.883	196.878	197.130	196.626	R[6]
K[20]	523.082	161.858	157.853	158.105	157.601	K[5]
V[21]	547.849	126.330	122.325	122.577	122.073	V[4]
L[22]	576.120	101.563	97.558	97.810	97.306	L[3]
R[23]	615.145	73.292	69.287	69.539	69.035	R[2]
D[24]	643.902	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Dimethyl}_{28.03} VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=118.78
- ▶ F112501.dat
- ▶ query=q56694_p1
- ▶ precursor=647.648350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	2587.588	2571.569	0.000	2570.559	S[24]
G[2]	162.087	2500.554	2484.535	0.000	2483.527	G[23]
R[3]	360.235	2641.532	2627.513	2428.521	2626.506	R[22]
G[4]	417.257	2245.584	2229.565	2228.573	2228.561	G[21]
K[5]	945.352	2185.362	2172.344	2173.352	2171.336	K[20]
G[6]	602.373	2060.268	2044.249	2045.257	2043.241	G[19]
G[7]	659.395	2001.246	1987.227	1988.235	1986.220	G[18]
K[8]	787.490	1946.225	1930.205	1931.214	1929.199	K[17]
G[9]	844.511	1818.130	1802.111	1803.119	1801.103	G[16]
L[10]	957.595	1761.109	1745.089	1746.097	1744.082	L[15]
G[11]	1014.617	1648.024	1632.005	1633.013	1630.998	G[14]
K[12]	1142.712	1591.003	1574.984	1575.992	1573.976	K[13]
G[13]	1199.733	1462.908	1446.889	1447.897	1445.881	G[12]
G[14]	1256.755	1405.886	1389.868	1390.875	1388.860	G[11]
A[15]	1327.792	1348.865	1332.846	1333.854	1331.838	A[10]
R[16]	1409.814	1277.828	1261.809	1262.817	1260.801	R[9]
R[17]	1654.835	1107.688	1091.667	1092.675	1090.659	R[8]
H[18]	1791.094	951.585	935.566	936.574	934.558	H[7]
R[19]	1967.195	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.321	658.425	642.405	643.414	641.398	K[5]
V[21]	2202.289	502.366	486.346	487.354	485.338	V[4]
L[22]	2313.473	363.239	347.211	348.219	346.203	L[3]
R[23]	2471.575	200.146	274.127	275.135	273.119	R[2]
D[24]	2586.602	134.045	138.026	139.034	137.018	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Dimethyl}_{28.03} VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=118.78
- ▶ F112501.dat
- ▶ query=q56694_p1
- ▶ precursor=647.648350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	61.017	1294.296	1286.287	0.504	1289.781	S[24]
G	2	61.547	1250.780	1242.771	0.504	1242.267	G[23]
R	3	180.621	1222.270	1214.260	1914.704	1213.756	R[22]
G	4	339.132	1123.199	1115.186	1115.990	1114.685	G[21]
K	5	273.180	1094.685	1086.676	1087.179	1085.174	K[20]
G	6	301.690	1030.637	1022.628	1023.132	1022.124	G[19]
G	7	330.201	1002.127	994.117	994.621	993.613	G[18]
K	8	394.240	973.616	965.607	966.111	965.101	K[17]
G	9	422.759	939.568	901.559	902.063	901.055	G[16]
L	10	479.303	893.059	873.546	873.553	872.544	L[15]
G	11	507.812	824.516	816.506	817.010	816.002	G[14]
K	12	571.859	796.005	787.996	788.500	787.492	K[13]
G	13	600.370	731.958	723.948	724.452	723.444	G[12]
G	14	628.881	703.447	695.437	695.941	694.933	G[11]
A	15	684.399	674.939	665.927	667.431	666.423	A[10]
R	16	749.410	639.417	631.408	631.912	630.904	R[9]
R	17	827.521	554.347	546.337	546.841	545.833	R[8]
H	18	896.050	476.296	468.287	468.791	467.783	H[7]
R	19	974.101	407.767	399.757	400.261	399.253	R[6]
K	20	1052.164	329.746	321.737	322.241	321.233	K[5]
V	21	1101.698	251.693	243.683	244.187	243.180	V[4]
L	22	1158.240	202.119	194.109	194.613	193.605	L[3]
R	23	1236.291	145.577	137.567	138.071	137.063	R[2]
D	24	1293.804	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Dimethyl}_{28.03} VL RD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=118.78
- ▶ F112501.dat
- ▶ query=q56694.p1
- ▶ precursor=647.648350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	863.200	857.860	0.672	857.826	S[24]
G[2]	54.701	334.189	828.850	0.672	828.814	G[23]
R[3]	120.750	815.182	809.843	810.179	809.507	R[22]
G[4]	139.757	749.133	743.793	744.129	743.457	G[21]
K[5]	182.455	730.126	724.789	725.122	724.450	K[20]
G[6]	201.463	687.427	682.089	682.424	681.752	G[19]
G[7]	220.470	668.420	663.081	663.417	662.745	G[18]
K[8]	263.168	649.413	644.073	644.409	643.738	K[17]
G[9]	282.175	606.715	601.375	601.711	601.039	G[16]
L[10]	319.970	587.708	582.368	582.704	582.032	L[15]
G[11]	338.977	550.013	544.673	545.009	544.337	G[14]
K[12]	381.575	531.006	525.666	526.002	525.330	K[13]
G[13]	400.583	488.307	482.969	483.304	482.632	G[12]
G[14]	419.590	469.300	463.961	464.297	463.625	G[11]
A[15]	443.269	450.293	444.954	445.289	444.618	A[10]
K[16]	469.983	426.014	421.275	421.610	420.939	K[9]
R[17]	552.016	369.900	364.561	364.896	364.225	R[8]
H[18]	597.703	317.896	312.527	312.863	312.191	H[7]
R[19]	649.736	272.180	266.941	267.176	266.505	R[6]
K[20]	701.779	220.146	214.807	215.143	214.471	K[5]
V[21]	734.801	168.104	162.765	163.101	162.429	V[4]
L[22]	772.496	135.082	129.742	130.078	129.406	L[3]
R[23]	824.530	97.387	92.047	92.383	91.711	R[2]
D[24]	862.872	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKR^(Trimethyl)_(42.05) HRK^(Dimethyl)_(28.03) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.10
- ▶ F112501.dat
- ▶ query=q56696_p1
- ▶ precursor=863.196670
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	105.066	2587.586	2571.507	0.000	2570.559	S[24]
G	2	102.007	2500.554	2484.535	0.000	2483.527	G[23]
R	3	360.238	2443.532	2427.513	2420.521	2436.506	R[22]
G	4	417.257	2245.384	2229.365	2230.373	2238.351	G[21]
K	5	545.352	2188.363	2172.344	2173.352	2171.336	K[20]
G	6	602.373	2090.268	2084.249	2045.257	2043.241	G[19]
G	7	659.395	2003.246	1987.227	1988.235	1986.220	G[18]
K	8	787.490	1946.225	1930.206	1931.214	1929.198	K[17]
G	9	844.511	1818.130	1802.111	1803.119	1801.103	G[16]
L	10	877.376	1761.108	1745.089	1746.097	1744.082	L[15]
G	11	1014.617	1648.024	1632.005	1633.013	1630.996	G[14]
R	12	1142.712	1591.003	1574.984	1575.992	1573.976	R[13]
G	13	1199.733	1462.908	1446.889	1447.897	1445.881	G[12]
G	14	1256.755	1405.886	1389.868	1390.875	1388.860	G[11]
A	15	1327.792	1349.865	1332.846	1333.854	1331.838	A[10]
R	16	1405.887	1277.828	1281.809	1282.817	1280.801	R[9]
R	17	1634.038	1149.733	1133.714	1134.722	1132.706	R[8]
H	18	1791.094	951.585	935.566	936.574	934.558	H[7]
R	19	1947.195	814.520	798.507	799.515	797.499	R[6]
R	20	2103.221	658.425	642.406	643.414	641.398	R[5]
V	21	2202.389	502.290	486.280	487.287	485.272	V[4]
L	22	2335.473	403.200	387.211	388.219	386.203	L[3]
D	23	2471.578	290.140	274.127	275.136	273.119	D[2]
D	24	2586.602	134.040	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKR^(Trimethyl)_(42.05) HRK^(Dimethyl)_(28.03) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.10
- ▶ F112501.dat
- ▶ query=q56696.p1
- ▶ precursor=863.196670
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	1294.296	1286.287	0.504	1285.783	S[24]
G[2]	81.547	1250.780	1242.771	0.504	1242.267	G[23]
R[3]	180.621	1222.270	1214.260	1214.764	1213.750	R[22]
G[4]	209.132	1121.196	1115.185	1115.690	1114.682	G[21]
K[5]	273.180	1094.685	1086.675	1087.179	1086.171	K[20]
G[6]	301.690	1030.637	1022.628	1023.132	1022.124	G[19]
G[7]	330.201	1002.127	994.117	994.621	993.613	G[18]
K[8]	394.248	973.616	965.607	966.111	965.103	K[17]
G[9]	422.759	909.568	901.559	902.063	901.055	G[16]
L[10]	499.304	881.058	873.048	873.552	872.544	L[15]
G[11]	507.812	824.510	816.500	817.004	816.000	G[14]
K[12]	571.859	796.005	787.996	788.500	787.492	K[13]
G[13]	600.370	731.958	723.948	724.452	723.444	G[12]
G[14]	628.881	703.447	695.437	695.941	694.933	G[11]
A[15]	664.399	674.936	666.927	667.431	666.423	A[10]
R[16]	728.447	639.417	631.408	631.912	630.904	R[9]
R[17]	827.521	575.370	567.361	567.865	566.857	R[8]
H[18]	896.050	476.290	468.282	468.791	467.783	H[7]
R[19]	974.101	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.164	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.998	251.053	243.043	244.547	243.540	V[4]
L[22]	1158.240	202.110	194.100	194.613	193.605	L[3]
R[23]	1236.291	145.577	137.567	138.071	137.063	R[2]
D[24]	1263.804	87.526	79.517	80.021	79.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=110.86
- ▶ F112501.dat
- ▶ query=q56902.p1
- ▶ precursor=651.137580
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2601.528	2585.510	0.000	2584.502	S(24)
G	2	204.008	2472.488	2456.467	0.000	2455.450	G(23)
R	3	360.199	2415.464	2399.440	2400.451	2398.430	R(22)
G	4	417.220	2359.368	2343.345	2344.352	2343.331	G(21)
K	5	545.315	2202.342	2186.321	2187.331	2185.315	K(20)
G	6	602.337	2074.247	2058.228	2059.236	2057.220	G(19)
G	7	659.358	2017.225	2001.207	2002.214	2000.199	G(18)
K	8	787.453	1960.204	1944.185	1945.193	1943.177	K(17)
G	9	844.475	1832.109	1816.090	1817.098	1815.082	G(16)
L	10	957.559	1775.087	1759.069	1760.077	1758.061	L(15)
G	11	1014.580	1602.003	1545.985	1646.993	1644.977	G(14)
K	12	1142.675	1604.982	1588.963	1589.971	1587.955	K(13)
G	13	1199.697	1476.887	1460.868	1461.876	1459.860	G(12)
G	14	1256.718	1419.866	1403.847	1404.855	1402.839	G(11)
A	15	1327.755	1302.044	1246.025	1247.033	1245.018	A(10)
R	16	1407.861	1291.809	1235.790	1236.798	1234.783	R(9)
R	17	1653.962	1121.701	1105.683	1106.691	1104.675	R(8)
H	18	1791.021	965.600	949.582	950.589	948.574	H(7)
R	19	1967.122	828.541	812.523	813.530	811.515	R(6)
K	20	2117.264	672.440	656.422	657.429	655.414	K(5)
V	21	2216.132	602.298	486.280	487.287	485.272	V(4)
L	22	2329.418	493.230	387.211	388.219	386.203	L(3)
R	23	2485.517	390.148	274.127	275.135	273.119	R(2)
D	24	2690.544	134.045	118.028	119.034	117.018	D(1)

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRD^{42.01 42.05}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=110.86
- ▶ F112501.dat
- ▶ query=q56902.p1
- ▶ precursor=651.137580
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1301.268	1291.258	0.504	1290.750	S[24]
G[2]	102.553	1236.747	1228.737	0.504	1228.231	G[23]
R[3]	180.603	1208.238	1200.226	1200.730	1199.723	R[22]
G[4]	259.114	1130.165	1122.116	1122.600	1121.677	G[21]
K[5]	273.153	1101.675	1093.665	1094.169	1093.161	K[20]
G[6]	301.672	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	330.183	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	394.230	930.600	922.596	923.100	922.092	K[17]
G[9]	422.741	918.556	908.549	909.053	908.045	G[16]
L[10]	479.293	858.041	850.033	850.542	849.536	L[15]
G[11]	507.794	831.505	823.496	824.000	823.002	G[14]
K[12]	571.841	802.995	794.985	795.489	794.481	K[13]
G[13]	600.352	738.947	730.938	731.442	730.436	G[12]
G[14]	628.863	710.436	702.427	702.931	701.923	G[11]
A[15]	684.381	681.926	673.917	674.420	673.412	A[10]
R[16]	749.438	646.407	638.398	638.902	637.894	R[9]
R[17]	827.485	561.354	553.345	553.849	552.841	R[8]
H[18]	896.014	483.304	475.294	475.798	474.791	H[7]
R[19]	974.065	414.774	406.765	407.269	406.261	R[6]
K[20]	1059.136	336.724	328.714	329.218	328.211	K[5]
V[21]	1108.670	252.053	243.043	244.547	243.540	V[4]
L[22]	1165.212	202.119	194.109	194.613	193.605	L[3]
R[23]	1243.262	145.577	137.567	138.071	137.063	R[2]
D[24]	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

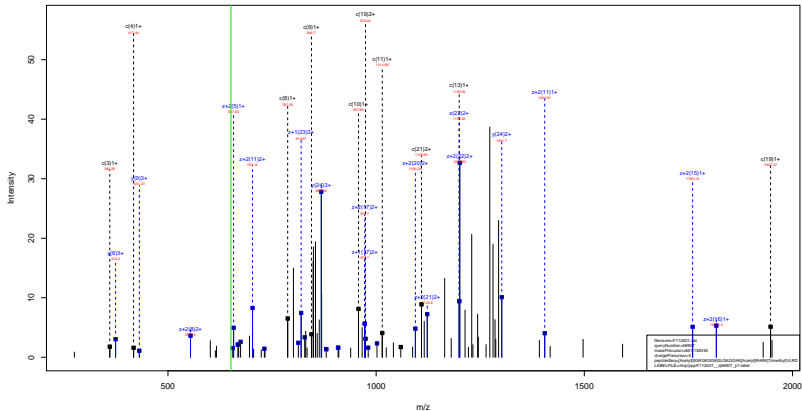
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Trimethyl}42.05 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=110.86
- ▶ F112501.dat
- ▶ query=q56902.p1
- ▶ precursor=651.137580
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	867.848	862.508	0.572	862.172	S[24]
G[2]	58.704	824.833	819.494	0.572	819.158	G[23]
R[3]	120.738	805.826	800.487	800.823	800.151	R[22]
G[4]	139.745	753.793	748.453	748.789	748.117	G[21]
K[5]	182.443	734.785	729.446	729.782	729.110	K[20]
G[6]	201.450	692.087	686.748	687.083	686.412	G[19]
G[7]	220.458	673.080	667.740	668.076	667.404	G[18]
K[8]	263.156	654.073	648.733	649.069	648.397	K[17]
G[9]	282.163	631.374	626.035	626.371	625.699	G[16]
L[10]	319.258	592.367	587.029	587.364	586.692	L[15]
G[11]	338.265	554.671	549.333	549.669	548.997	G[14]
K[12]	381.563	535.666	530.326	530.662	529.990	K[13]
G[13]	400.570	492.967	487.628	487.964	487.292	G[12]
G[14]	419.578	473.960	468.620	468.956	468.285	G[11]
A[15]	443.257	454.953	449.613	449.949	449.277	A[10]
K[16]	499.958	431.274	425.934	426.270	425.598	K[9]
R[17]	551.992	374.572	369.232	369.568	368.896	R[8]
H[18]	597.678	322.530	317.190	317.525	316.853	H[7]
R[19]	649.712	276.852	271.512	271.848	271.176	R[6]
K[20]	706.426	224.813	219.473	219.809	219.137	K[5]
V[21]	759.449	168.194	162.854	163.190	162.518	V[4]
L[22]	777.144	136.082	129.742	130.078	129.406	L[3]
R[23]	829.177	97.387	92.047	92.383	91.711	R[2]
D[24]	867.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHRK ^{Trimethyl}42.05 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRLD^{42.01 42.05}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.68
- ▶ F112501.dat
- ▶ query=q56907.p1
- ▶ precursor=651.138340
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2001.528	2585.510	0.000	2584.502	S	24
G	2	224.598	2472.486	2456.467	0.000	2455.459	G	23
T	3	306.199	2415.464	2399.448	2600.433	2398.430	T	22
G	4	417.220	2259.363	2243.345	2244.332	2242.337	G	21
K	5	548.315	2202.342	2186.323	2187.331	2185.315	K	20
G	6	602.337	2074.247	2058.228	2059.236	2057.220	G	19
G	7	659.358	2017.225	2001.207	2002.214	2000.199	G	18
K	8	787.453	1960.204	1944.185	1945.193	1943.177	K	17
G	9	844.475	1832.106	1816.090	1817.098	1815.082	G	16
L	10	957.559	1778.087	1759.069	1760.077	1758.061	L	15
G	11	1014.580	1662.003	1645.985	1646.993	1644.977	G	14
K	12	1142.675	1604.982	1588.963	1589.971	1587.955	K	13
G	13	1199.697	1476.887	1460.868	1461.876	1459.860	G	12
G	14	1256.718	1419.866	1403.847	1404.855	1402.839	G	11
A	15	1327.735	1362.844	1346.825	1347.833	1345.818	A	10
K	16	1407.851	1291.807	1275.788	1276.796	1274.780	K	9
R	17	1653.982	1123.701	1105.683	1106.691	1104.675	R	8
H	18	1791.021	995.600	949.582	950.589	948.574	H	7
R	19	1947.122	828.541	812.523	813.530	811.515	R	6
K	20	2117.264	672.440	656.422	657.429	655.414	K	5
V	21	2216.332	602.298	486.280	487.287	485.272	V	4
L	22	2320.416	461.236	387.211	388.219	386.203	L	3
D	23	2489.517	290.140	274.121	275.128	273.113	D	2
D	24	2600.544	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRLD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.68
- ▶ F112501.dat
- ▶ query=q56907_p1
- ▶ precursor=651.138340
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1301.268	1293.259	0.504	1292.755	S[24]
G[2]	102.553	1236.747	1228.737	0.504	1228.233	G[23]
R[3]	180.603	1208.236	1200.226	1200.730	1199.723	R[22]
G[4]	269.114	1139.185	1122.175	1122.680	1121.677	G[21]
K[5]	273.161	1101.675	1093.665	1094.169	1093.165	K[20]
G[6]	351.672	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	330.183	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	394.230	980.606	972.596	973.100	972.092	K[17]
G[9]	422.741	916.556	908.549	909.053	908.045	G[16]
L[10]	479.203	888.047	880.038	880.542	879.536	L[15]
G[11]	507.794	831.505	823.495	824.000	823.992	G[14]
K[12]	571.841	802.995	794.985	795.489	794.481	K[13]
G[13]	600.352	738.947	730.938	731.442	730.434	G[12]
G[14]	628.863	710.436	702.427	702.931	701.923	G[11]
A[15]	664.381	681.926	673.916	674.420	673.412	A[10]
R[16]	708.234	546.409	538.399	539.904	538.896	R[9]
R[17]	827.488	561.354	553.345	553.849	552.841	R[8]
H[18]	896.014	483.304	475.294	475.798	474.791	H[7]
R[19]	974.065	414.774	406.765	407.269	406.261	R[6]
K[20]	1058.136	336.724	328.714	329.218	328.211	K[5]
V[21]	1108.670	251.663	243.653	244.157	243.150	V[4]
L[22]	1105.212	202.119	194.109	194.613	193.605	L[3]
R[23]	1243.262	145.577	137.567	138.071	137.063	R[2]
D[24]	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.68
- ▶ F112501.dat
- ▶ query=q56907.p1
- ▶ precursor=651.138340
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	867.848	867.508	0.672	862.172	S[24]
G[2]	68.704	824.833	819.494	0.672	819.158	G[23]
R[3]	120.738	805.826	800.487	800.823	800.151	R[22]
G[4]	139.745	753.793	748.453	748.789	748.117	G[21]
K[5]	182.443	734.785	729.445	729.782	729.110	K[20]
G[6]	201.450	692.087	686.748	687.083	686.412	G[19]
G[7]	220.458	673.080	667.740	668.076	667.404	G[18]
K[8]	263.156	654.073	648.733	649.069	648.397	K[17]
G[9]	282.163	611.374	606.035	606.371	605.699	G[16]
L[10]	319.858	592.367	587.028	587.364	586.692	L[15]
G[11]	338.865	554.673	549.333	549.669	548.997	G[14]
K[12]	381.563	535.666	530.326	530.662	529.990	K[13]
G[13]	400.570	492.967	487.628	487.964	487.292	G[12]
G[14]	419.578	473.960	468.620	468.956	468.285	G[11]
A[15]	443.257	454.953	449.613	449.949	449.277	A[10]
K[16]	469.958	431.274	425.934	426.270	425.598	K[9]
R[17]	551.962	374.572	369.232	369.568	368.896	R[8]
H[18]	597.678	322.538	317.199	317.535	316.863	H[7]
R[19]	649.712	276.852	271.512	271.848	271.176	R[6]
K[20]	708.426	224.818	219.479	219.815	219.143	K[5]
V[21]	739.849	198.104	192.765	193.101	192.429	V[4]
L[22]	777.144	135.082	129.742	130.078	129.406	L[3]
R[23]	829.177	97.887	92.047	92.383	91.711	R[2]
D[24]	867.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGR ^{Trimethyl} 42.05 GKGGKGLGKGGAK ^{Trimethyl} 42.05 RHR ^{Dimethyl} 28.03 K ^{Methyl} 14.02 VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=70.95
- ▶ F112501.dat
- ▶ query=q56912.p1
- ▶ precursor=521.123430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	105.096	2601.601	2585.582	0.000	2584.573	S 24
G 2	162.087	2514.569	2498.550	0.000	2497.543	G 23
R 3	368.236	2487.540	2441.529	2442.537	2440.521	R 22
G 4	417.257	2259.600	2243.381	2244.389	2242.373	G 21
K 5	545.352	2202.378	2186.359	2187.367	2185.352	K 20
G 6	602.373	2074.283	2058.264	2059.272	2057.257	G 19
G 7	659.395	2017.262	2001.243	2002.251	2000.235	G 18
K 8	787.490	1960.240	1944.222	1945.229	1943.214	K 17
G 9	844.511	1832.145	1816.127	1817.134	1815.119	G 16
L 10	927.590	1775.124	1759.105	1760.113	1758.099	L 15
G 11	1014.617	1662.040	1646.021	1647.029	1645.013	G 14
K 12	1142.712	1605.019	1589.000	1590.007	1587.992	K 13
G 13	1199.733	1476.923	1460.905	1461.912	1459.897	G 12
G 14	1256.755	1419.902	1403.883	1404.891	1402.875	G 11
A 15	1327.792	1362.880	1346.862	1347.870	1345.854	A 10
R 16	1407.834	1291.843	1275.825	1276.832	1274.817	R 9
R 17	1654.035	1121.791	1105.883	1106.891	1104.875	R 8
H 18	1791.094	965.600	949.582	950.589	948.574	H 7
R 19	1975.226	828.541	812.523	813.530	811.515	R 6
K 20	2117.337	644.409	628.390	629.398	627.382	K 5
V 21	2216.405	502.298	486.280	487.287	485.272	V 4
L 22	2329.489	403.230	387.211	388.219	386.203	L 3
R 23	2485.580	280.146	274.127	-75.135	273.110	R 2
D 24	2660.617	134.045	118.026	119.034	117.018	D 1

sp | P62806 | H4_MOUSE

SGR ^{Trimethyl} 42.05 GKGGKGLGKGGAK ^{Trimethyl} 42.05 RHR ^{Dimethyl} 28.03 K ^{Methyl} 14.02 VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=70.95
- ▶ F112501.dat
- ▶ query=q56912.p1
- ▶ precursor=521.123430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	83.017	1101.304	1293.295	0.504	1200.791	S[24]
G[2]	81.547	1257.788	1240.779	0.504	1240.275	G[23]
K[3]	130.621	1229.277	1291.268	1251.772	1220.764	K[22]
G[4]	209.132	1130.203	1122.194	1122.698	1131.699	G[21]
K[5]	273.130	1101.693	1093.683	1094.187	1093.179	K[20]
G[6]	301.690	1037.645	1029.636	1030.140	1029.132	G[19]
G[7]	330.201	1009.135	1001.125	1001.629	1000.621	G[18]
K[8]	394.248	980.624	972.614	973.118	972.111	K[17]
G[9]	422.759	916.576	908.567	909.071	908.063	G[16]
L[10]	479.301	868.066	860.056	860.560	879.552	L[15]
G[11]	507.812	831.524	823.514	824.018	823.010	G[14]
K[12]	571.859	803.013	795.003	795.507	794.500	K[13]
G[13]	600.370	738.965	730.956	731.460	730.452	G[12]
G[14]	638.861	710.455	702.445	702.949	701.941	G[11]
A[15]	684.399	681.944	673.934	674.438	673.431	A[10]
R[16]	740.410	646.425	638.416	638.920	637.912	R[9]
R[17]	827.521	561.954	553.945	553.949	552.941	R[8]
H[18]	896.050	483.904	475.294	475.798	474.791	H[7]
R[19]	988.117	414.774	406.765	407.269	406.261	R[6]
K[20]	1059.177	322.706	314.699	315.203	314.195	K[5]
V[21]	1108.706	254.653	246.643	247.147	246.140	V[4]
L[22]	1165.248	202.119	194.109	194.613	193.605	L[3]
R[23]	1243.299	145.577	137.567	138.071	137.063	R[2]
D[24]	1300.812	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHR^{Dimethyl}_{28.03} K^{Methyl}_{14.02} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=70.95
- ▶ F112501.dat
- ▶ query=q56912.p1
- ▶ precursor=521.123430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	367.872	662.532	0.672	362.196	S[24]
G[2]	54.701	338.861	333.527	0.672	333.186	G[23]
R[3]	130.750	819.854	814.515	814.850	814.179	R[22]
G[4]	139.757	753.805	748.465	748.801	748.129	G[21]
K[5]	182.455	734.798	729.458	729.794	729.122	K[20]
G[6]	201.463	692.099	686.760	687.096	686.424	G[19]
G[7]	220.470	673.092	667.753	668.088	667.417	G[18]
K[8]	253.168	654.085	648.743	649.081	648.409	K[17]
G[9]	282.175	611.387	606.047	606.383	605.711	G[16]
L[10]	319.870	592.379	587.040	587.376	586.704	L[15]
G[11]	338.877	554.035	549.345	549.681	549.009	G[14]
K[12]	381.575	535.678	530.338	530.674	530.002	K[13]
G[13]	400.583	492.979	487.640	487.976	487.304	G[12]
G[14]	419.590	473.972	468.633	468.969	468.297	G[11]
A[15]	443.269	454.965	449.625	449.961	449.289	A[10]
K[16]	499.983	431.286	425.946	426.282	425.610	K[9]
R[17]	552.016	374.572	369.232	369.568	368.896	R[8]
H[18]	567.703	322.538	317.199	317.535	316.863	H[7]
R[19]	659.080	276.852	271.513	271.848	271.176	R[6]
K[20]	706.450	215.475	210.135	210.471	209.799	K[5]
V[21]	739.473	168.104	162.765	163.101	162.429	V[4]
L[22]	777.168	135.082	129.742	130.078	129.406	L[3]
R[23]	829.202	97.387	92.047	92.383	91.711	R[2]
D[24]	867.544	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

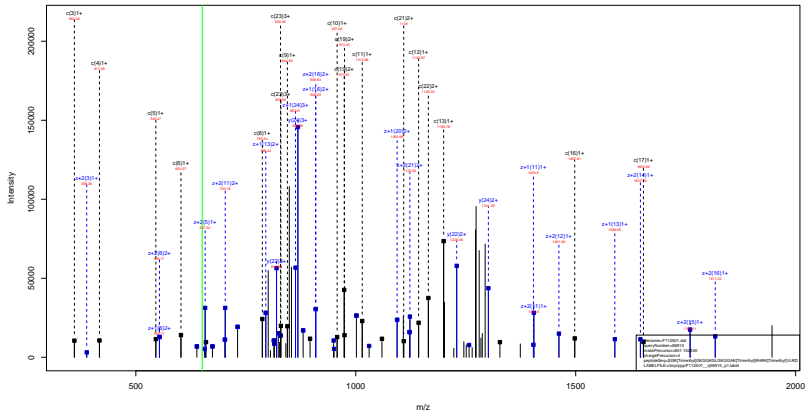
SGR ^{Trimethyl} 42.05 GKGGKGLGKGGAK ^{Trimethyl} 42.05 RHR ^{Dimethyl} 28.03 K ^{Methyl} 14.02 VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=70.95
- ▶ F112501.dat
- ▶ query=q56912.p1
- ▶ precursor=521.123430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	27.022	651.156	647.151	0.755	646.899	S[24]
G[2]	41.277	629.398	625.393	0.755	625.141	G[23]
R[3]	90.814	615.142	611.138	611.390	610.886	R[22]
G[4]	105.070	565.605	561.601	561.853	561.349	G[21]
K[5]	137.093	551.350	547.345	547.597	547.093	K[20]
G[6]	151.349	519.326	515.322	515.574	515.070	G[19]
G[7]	165.604	505.071	501.066	501.318	500.814	G[18]
K[8]	197.626	490.816	486.811	487.063	486.559	K[17]
G[9]	211.883	458.792	454.787	455.039	454.535	G[16]
L[10]	280.154	444.536	440.532	440.784	440.280	L[15]
G[11]	254.410	416.265	412.261	412.513	412.009	G[14]
K[12]	286.433	402.010	398.005	398.257	397.753	K[13]
G[13]	300.689	369.986	365.982	366.234	365.730	G[12]
G[14]	314.944	355.731	351.726	351.978	351.474	G[11]
A[15]	352.703	341.476	337.471	337.723	337.219	A[10]
K[16]	375.239	323.716	319.712	319.964	319.460	K[9]
R[17]	414.264	281.181	277.176	277.428	276.924	R[8]
H[18]	448.529	242.156	238.151	238.403	237.899	H[7]
R[19]	494.562	207.891	203.886	204.138	203.634	R[6]
K[20]	530.090	181.858	177.853	178.105	177.601	K[5]
V[21]	554.852	126.330	122.325	122.577	122.073	V[4]
L[22]	583.126	101.561	97.556	97.810	97.306	L[3]
R[23]	622.153	73.292	69.287	69.539	69.035	R[2]
D[24]	650.910	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl} 42.05 GKGGKLGKGGAK^{Trimethyl} 42.05 RHRK^{Trimethyl} 42.05 VLRL



sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=90.14
- ▶ F112501.dat
- ▶ query=q56915_p1
- ▶ precursor=651.152840
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S	105.096	2601.601	2585.582	0.000	2584.573	S[24]
G	162.087	2514.569	2498.550	0.000	2497.543	G[23]
R	368.236	2487.548	2443.529	2442.537	2440.521	R[22]
G	417.757	2359.600	2243.381	2244.369	2242.373	G[21]
K	545.352	2202.378	2186.359	2187.367	2185.352	K[20]
G	602.373	2074.283	2058.264	2059.272	2057.257	G[19]
G	659.395	2017.262	2001.243	2002.251	2000.235	G[18]
K	787.490	1960.240	1944.222	1945.229	1943.214	K[17]
G	844.511	1832.145	1816.127	1817.134	1815.119	G[16]
L	927.590	1775.124	1759.105	1760.113	1758.099	L[15]
G	1014.617	1662.040	1646.021	1647.029	1645.013	G[14]
K	1142.712	1605.019	1589.000	1590.007	1587.992	K[13]
G	1199.733	1476.923	1460.905	1461.912	1459.897	G[12]
G	1256.755	1419.902	1403.883	1404.891	1402.875	G[11]
A	1327.792	1362.880	1346.862	1347.870	1345.854	A[10]
R	1407.834	1291.843	1275.825	1276.832	1274.817	R[9]
R	1654.035	1121.791	1105.883	1106.891	1104.875	R[8]
H	1791.094	965.600	949.582	950.589	948.574	H[7]
R	1947.195	828.541	812.533	813.530	811.515	R[6]
K	2117.337	672.440	656.422	657.429	655.414	K[5]
V	2216.405	502.298	486.280	487.287	485.272	V[4]
L	2329.489	403.230	387.211	388.219	386.203	L[3]
R	2485.588	298.146	274.127	-75.135	273.110	R[2]
D	2660.617	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=90.14
- ▶ F112501.dat
- ▶ query=q56915.p1
- ▶ precursor=651.152840
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	1301.304	1293.205	0.504	1292.701	S[24]
G[2]	81.547	1257.788	1249.770	0.504	1249.270	G[23]
R[3]	180.621	1229.277	1221.768	1.011772	1220.764	R[22]
G[4]	289.132	1139.201	1122.104	1122.698	1121.699	G[21]
K[5]	273.180	1101.092	1093.683	1094.187	1093.179	K[20]
G[6]	301.690	1037.645	1029.636	1030.140	1029.132	G[19]
G[7]	330.201	1009.135	1001.125	1001.629	1000.621	G[18]
K[8]	394.248	980.624	972.614	973.118	972.111	K[17]
G[9]	422.759	916.576	908.567	909.071	908.063	G[16]
L[10]	479.201	888.066	880.056	880.560	879.552	L[15]
G[11]	507.812	831.528	823.514	824.018	823.010	G[14]
K[12]	571.859	803.013	795.003	795.507	794.500	K[13]
G[13]	600.370	738.965	730.956	731.460	730.452	G[12]
G[14]	628.881	710.455	702.445	702.949	701.941	G[11]
A[15]	664.399	681.944	673.934	674.438	673.431	A[10]
R[16]	708.910	646.826	638.816	639.320	637.912	R[9]
R[17]	827.521	561.354	553.345	553.849	552.841	R[8]
H[18]	896.050	483.304	475.294	475.798	474.791	H[7]
R[19]	974.101	414.774	406.765	407.269	406.261	R[6]
K[20]	1059.172	336.724	328.714	329.218	328.211	K[5]
V[21]	1108.706	251.663	243.653	244.147	243.140	V[4]
L[22]	1165.248	202.119	194.109	194.613	193.605	L[3]
R[23]	1243.299	145.577	137.567	138.071	137.063	R[2]
D[24]	1300.812	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=90.14
- ▶ F112501.dat
- ▶ query=q56915.p1
- ▶ precursor=651.152840
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S[1]	35.693	867.872	862.532		0.672	862.196	S[24]
G[2]	54.701	338.861	333.521		0.672	333.186	G[23]
R[3]	130.750	819.854	814.515	814.850	814.179		R[22]
G[4]	139.757	753.805	748.465	748.801	748.129		G[21]
K[5]	182.455	734.736	729.458	729.794	729.122		K[20]
G[6]	201.463	692.099	686.760	687.096	686.424		G[19]
G[7]	220.470	673.092	667.753	668.088	667.417		G[18]
K[8]	263.168	654.085	648.743	649.081	648.409		K[17]
G[9]	282.175	631.387	626.047	626.383	625.711		G[16]
L[10]	319.676	602.379	597.040	597.376	596.704		L[15]
G[11]	338.877	554.685	549.345	549.681	549.009		G[14]
K[12]	381.575	535.678	530.338	530.674	530.002		K[13]
G[13]	400.583	492.979	487.640	487.976	487.304		G[12]
G[14]	419.590	473.972	468.633	468.969	468.297		G[11]
A[15]	443.269	454.965	449.625	449.961	449.289		A[10]
K[16]	469.983	431.286	425.946	426.282	425.610		K[9]
R[17]	552.016	374.572	369.232	369.568	368.896		R[8]
H[18]	597.703	322.538	317.199	317.535	316.863		H[7]
R[19]	669.736	276.852	271.512	271.848	271.176		R[6]
K[20]	706.450	224.818	219.478	219.815	219.143		K[5]
V[21]	739.473	168.104	162.765	163.101	162.429		V[4]
L[22]	777.168	135.082	129.742	130.078	129.406		L[3]
R[23]	829.202	97.387	92.047	92.383	91.711		R[2]
D[24]	867.544	45.353	40.014	40.349	39.678		D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=118.87
- ▶ F112501.dat
- ▶ query=q57128_p1
- ▶ precursor=654.642890
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S	147.076	2015.544	2599.525	0.000	2599.519	S[24]
G	204.098	2486.501	2470.483	0.000	2469.473	G[23]
R	374.215	2629.480	2413.461	2414.469	2412.453	R[22]
G	431.236	2959.361	2243.345	2344.352	2242.337	G[21]
K	559.331	2202.342	2198.323	2187.331	2185.315	K[20]
G	616.353	2074.347	2058.328	2059.336	2057.320	G[19]
G	673.374	2017.325	2001.307	2002.314	2000.199	G[18]
K	801.469	1960.204	1944.185	1945.193	1943.177	K[17]
G	858.490	1832.106	1816.087	1817.098	1815.082	G[16]
L	911.514	1775.087	1759.069	1760.077	1758.061	L[15]
Q	1028.596	1662.003	1645.985	1646.993	1644.977	Q[14]
K	1156.691	1604.982	1588.963	1589.971	1587.955	K[13]
G	1213.712	1476.887	1460.869	1461.876	1459.860	G[12]
G	1270.734	1419.866	1403.847	1404.855	1402.839	G[11]
A	1341.771	1362.845	1346.825	1347.833	1345.818	A[10]
R	1511.876	1291.807	1275.788	1276.795	1274.780	R[9]
R	1667.978	1121.701	1105.683	1106.691	1104.675	R[8]
H	1805.037	965.600	949.582	950.589	948.574	H[7]
R	1961.138	828.541	812.523	813.530	811.515	R[6]
K	2131.280	672.440	656.422	657.429	655.414	K[5]
V	2230.348	502.300	486.280	487.287	485.272	V[4]
L	2414.432	463.130	447.111	448.119	446.103	L[3]
R	2499.533	290.148	274.127	275.135	273.119	R[2]
D	2614.560	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=118.87
- ▶ F112501.dat
- ▶ query=q57128.p1
- ▶ precursor=654.642890
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1308.276	1300.266	0.504	1299.760	S[24]
G[2]	102.553	1243.754	1235.745	0.504	1235.241	G[23]
R[3]	187.611	1215.244	1207.236	1207.738	1206.730	R[22]
G[4]	238.122	1130.105	1122.116	1122.680	1121.672	G[21]
K[5]	280.109	1101.675	1093.665	1094.169	1093.161	K[20]
G[6]	308.680	1037.627	1029.618	1030.122	1029.114	G[10]
G[7]	357.191	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	401.210	980.606	972.596	973.100	972.092	K[17]
G[9]	429.749	916.505	908.549	909.053	908.045	G[16]
L[10]	489.273	898.041	890.038	890.542	879.536	L[15]
G[11]	514.802	831.505	823.498	824.000	822.992	G[14]
K[12]	578.849	802.995	794.985	795.489	794.481	K[13]
G[13]	607.390	738.947	730.938	731.442	730.436	G[12]
G[14]	635.971	710.430	702.427	702.931	701.923	G[11]
A[15]	691.389	681.926	673.916	674.420	673.412	A[10]
R[16]	736.442	646.407	638.398	638.902	637.894	R[9]
R[17]	834.492	561.354	553.345	553.849	552.841	R[6]
H[18]	903.022	483.304	475.294	475.798	474.791	H[7]
R[19]	981.072	414.774	406.765	407.269	406.261	R[6]
K[20]	1066.143	336.724	328.714	329.218	328.211	K[5]
V[21]	1115.678	252.053	243.043	244.547	243.540	V[4]
L[22]	1172.220	202.110	194.100	194.613	193.605	L[3]
R[23]	1250.270	145.577	137.567	138.071	137.063	R[2]
D[24]	1307.704	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

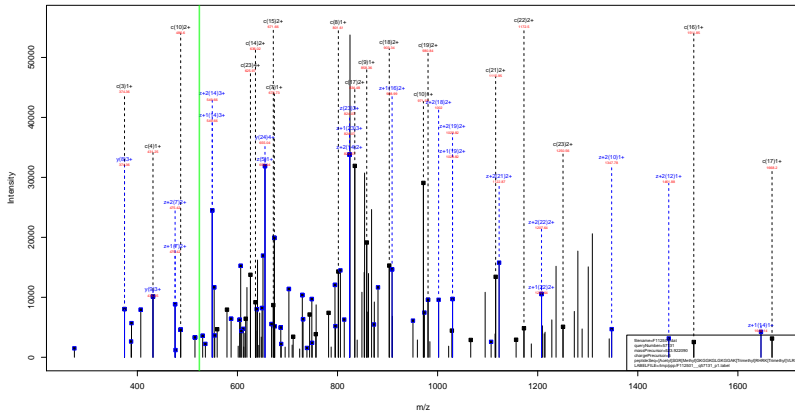
[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLRLD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=118.87
- ▶ F112501.dat
- ▶ query=q57128.p1
- ▶ precursor=654.642890
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	872.520	867.180	0.572	866.844	S[24]
G[2]	58.704	829.902	824.166	0.572	823.830	G[23]
R[3]	125.410	810.498	805.159	805.495	804.823	R[22]
G[4]	144.417	753.793	748.453	748.789	748.117	G[21]
K[5]	187.115	734.785	729.446	729.782	729.110	K[20]
G[6]	206.122	692.087	686.748	687.083	686.412	G[19]
G[7]	225.130	673.080	667.740	668.076	667.404	G[18]
K[8]	267.828	654.073	648.733	649.069	648.397	K[17]
G[9]	286.835	611.374	606.035	606.371	605.699	G[16]
L[10]	324.330	592.367	587.028	587.364	586.692	L[15]
G[11]	343.537	554.671	549.333	549.669	548.997	G[14]
K[12]	386.235	535.666	530.326	530.662	529.990	K[13]
G[13]	405.242	492.967	487.628	487.964	487.292	G[12]
G[14]	424.249	473.960	468.620	468.956	468.285	G[11]
A[15]	447.929	454.953	449.613	449.949	449.277	A[10]
K[16]	504.630	431.274	425.934	426.270	425.598	K[9]
R[17]	556.664	374.572	369.232	369.568	368.896	R[8]
H[18]	602.350	322.536	317.196	317.535	316.863	H[7]
R[19]	654.384	276.852	271.512	271.848	271.176	R[6]
K[20]	711.098	224.813	219.473	219.815	219.143	K[5]
V[21]	744.121	188.194	182.795	183.101	182.429	V[4]
L[22]	781.816	136.082	129.742	130.078	129.406	L[3]
R[23]	833.849	97.387	92.047	92.383	91.711	R[2]
D[24]	872.182	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} 14.02 GKGKGLGKGGAK^{Trimethyl} 42.05 RHRK^{Trimethyl} 42.05 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Trimethyl}_{42.05} VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=90.12
- ▶ F112501.dat
- ▶ query=q57131_p1
- ▶ precursor=523.922090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2615.580	2599.562	0.000	2598.554	S[24]
G	2	204.098	2486.538	2470.519	0.000	2469.511	G[23]
R	3	374.215	2420.516	2413.488	2414.506	2412.480	R[22]
G	4	431.236	2259.400	2243.381	2244.399	2242.373	G[21]
K	5	559.331	2202.378	2186.359	2187.367	2185.352	K[20]
G	6	616.353	2074.263	2058.244	2059.272	2057.257	G[19]
G	7	673.374	2017.262	2001.243	2002.261	2000.235	G[18]
K	8	801.469	1960.240	1944.222	1945.229	1943.214	K[17]
G	9	858.490	1832.145	1816.127	1817.134	1815.119	G[16]
L	10	971.574	1775.124	1759.105	1760.113	1758.099	L[15]
G	11	1028.596	1562.040	1646.021	1547.029	1645.013	G[14]
K	12	1156.691	1605.018	1589.000	1590.007	1587.992	K[13]
G	13	1213.712	1476.923	1460.905	1461.912	1459.897	G[12]
G	14	1270.734	1419.902	1403.883	1404.891	1402.875	G[11]
A	15	1341.771	1362.880	1346.862	1347.870	1345.854	A[10]
R	16	1511.913	1291.843	1275.825	1276.832	1274.817	R[9]
R	17	1668.014	1121.791	1105.783	1106.691	1104.675	R[8]
H	18	1505.073	965.600	949.582	950.589	948.574	H[7]
R	19	1961.174	826.541	810.523	813.530	811.515	R[6]
K	20	2131.316	672.440	656.422	657.429	655.414	K[5]
V	21	2230.384	502.298	486.280	487.287	485.272	V[4]
L	22	2513.466	403.232	367.211	368.219	366.203	L[3]
R	23	2499.570	280.146	274.127	275.135	273.119	R[2]
D	24	2614.596	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Trimethyl}_{42.05} VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=90.12
- ▶ F112501.dat
- ▶ query=q57131_p1
- ▶ precursor=523.922090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1308.294	1306.285	0.904	1299.781	S[24]
G	2	102.553	1243.773	1238.763	0.904	1235.259	G[23]
R	3	187.611	1215.262	1207.252	1207.756	1206.749	R[22]
G	4	216.122	1130.203	1122.193	1122.698	1121.690	G[21]
K	5	280.109	1101.693	1093.683	1094.187	1093.179	K[20]
G	6	308.680	1037.645	1029.636	1030.140	1029.132	G[19]
G	7	337.191	1009.135	1001.125	1001.629	1000.621	G[18]
K	8	401.238	980.624	972.614	973.118	972.111	K[17]
G	9	429.749	918.576	908.567	909.071	908.063	G[16]
L	10	486.291	888.066	880.056	880.560	879.552	L[15]
G	11	514.802	831.524	823.514	824.018	823.010	G[14]
K	12	578.849	803.013	795.003	795.507	794.500	K[13]
G	13	607.360	738.965	730.956	731.460	730.452	G[12]
G	14	635.871	710.455	702.445	702.949	701.941	G[11]
A	15	671.389	681.944	673.934	674.438	673.431	A[10]
R	16	738.460	646.432	638.416	638.920	637.912	R[9]
R	17	834.511	561.354	553.345	553.849	552.841	R[8]
H	18	903.040	483.304	475.294	475.798	474.791	H[7]
R	19	981.091	414.774	406.765	407.269	406.261	R[6]
K	20	1066.162	336.724	328.714	329.218	328.211	K[5]
V	21	1115.696	251.653	243.643	244.147	243.140	V[4]
L	22	1172.230	202.119	194.109	194.613	193.605	L[3]
R	23	1250.288	145.577	137.567	138.071	137.063	R[2]
D	24	1307.802	67.528	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Trimethyl}_{42.05} VLRLD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=90.12
- ▶ F112501.dat
- ▶ query=q57131_p1
- ▶ precursor=523.922090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	872.532	867.192	0.672	866.896	S[24]
G[2]	58.704	829.517	824.178	0.672	823.842	G[23]
R[3]	125.410	810.510	805.171	805.507	804.835	R[22]
G[4]	144.417	753.805	748.465	748.801	748.129	G[21]
K[5]	187.115	734.798	729.458	729.794	729.122	K[20]
G[6]	206.122	692.099	686.760	687.096	686.424	G[19]
G[7]	225.130	673.092	667.753	668.088	667.417	G[18]
K[8]	267.828	654.085	648.745	649.081	648.409	K[17]
C[9]	289.835	611.387	606.047	606.383	605.711	C[16]
L[10]	324.530	592.379	587.040	587.376	586.704	L[15]
G[11]	343.537	554.685	549.345	549.681	549.009	G[14]
K[12]	386.235	535.678	530.338	530.674	530.002	K[13]
G[13]	405.242	492.979	487.640	487.976	487.304	G[12]
G[14]	424.249	473.972	468.633	468.969	468.297	G[11]
A[15]	447.929	454.965	449.625	449.961	449.289	A[10]
K[16]	504.642	431.286	425.946	426.282	425.610	K[9]
R[17]	556.676	374.572	369.232	369.568	368.896	R[8]
H[18]	602.362	322.538	317.199	317.535	316.863	H[7]
R[19]	654.396	276.852	271.512	271.848	271.176	R[6]
K[20]	711.110	224.818	219.478	219.815	219.143	K[5]
V[21]	744.133	168.104	162.765	163.101	162.429	V[4]
L[22]	781.828	135.082	129.742	130.078	129.406	L[3]
R[23]	833.861	97.387	92.047	92.383	91.711	R[2]
D[24]	872.204	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Trimethyl}_{42.05} RHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=90.12
- ▶ F112501.dat
- ▶ query=q57131_p1
- ▶ precursor=523.922090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S[1]	37.525	654.651	650.646		0.755	650.394	S[24]
G[2]	51.780	527.390	618.385		0.755	618.133	G[23]
R[3]	94.309	608.135	604.130	604.382	603.878		R[22]
G[4]	108.564	565.605	561.601	561.853	561.349		G[21]
K[5]	140.588	551.350	547.345	547.597	547.093		K[20]
G[6]	154.844	519.326	515.322	515.574	515.070		G[19]
G[7]	169.099	505.071	501.066	501.318	500.814		G[18]
K[8]	201.123	490.816	486.811	487.063	486.559		K[17]
G[9]	215.378	458.792	454.787	455.039	454.535		G[16]
L[10]	253.049	444.536	440.532	440.784	440.280		L[15]
G[11]	257.904	416.265	412.261	412.513	412.009		G[14]
K[12]	289.928	402.010	398.005	398.257	397.753		K[13]
G[13]	304.184	369.986	365.982	366.234	365.730		G[12]
G[14]	318.439	355.731	351.726	351.978	351.474		G[11]
A[15]	336.198	341.476	337.471	337.723	337.219		A[10]
K[16]	378.734	323.216	319.212	319.464	319.460		K[9]
R[17]	417.759	381.181	377.176	377.428	376.924		R[8]
H[18]	452.024	242.156	238.151	238.403	237.899		H[7]
R[19]	491.049	207.891	203.886	204.138	203.634		R[6]
K[20]	533.584	168.866	164.861	165.113	164.609		K[5]
V[21]	558.352	126.330	122.325	122.577	122.073		V[4]
L[22]	586.623	101.563	97.558	97.810	97.306		L[3]
R[23]	625.648	73.292	69.287	69.539	69.035		R[2]
D[24]	654.405	34.267	30.262	30.514	30.010		D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKK^{Acetyl} AVTK^{Acetyl} VQKKDGKKRKRSRKE
42.01 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.92
- ▶ F112501.dat
- ▶ query=q68741.p1
- ▶ precursor=789.269990
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	115.087	3942.525	3626.301	0.000	3625.291	P 35
D 2	230.114	3845.267	3829.248	0.000	3828.241	D 34
P 3	327.106	3730.240	3714.222	0.000	3713.214	P 33
A 4	398.203	3633.187	3617.169	0.000	3616.161	A 32
R 5	526.298	3562.150	3546.132	3847.139	3545.124	R 31
S 6	617.338	3534.055	3418.037	3819.045	3417.029	S 30
A 7	684.368	3347.023	3331.005	3332.012	3329.997	A 29
P 8	781.420	3275.986	3259.968	3260.975	3258.960	P 28
A 9	852.457	3178.933	3162.915	3163.923	3161.907	A 27
P 10	949.510	3107.896	3091.878	3092.885	3090.871	P 26
R 11	1077.605	3030.844	2994.825	2995.833	2993.817	R 25
K 12	1205.709	2982.740	2966.720	2967.728	2965.711	K 24
G 13	1262.722	2794.684	2738.635	2739.643	2737.627	G 23
S 14	1349.754	2697.632	2681.614	2682.621	2680.605	S 22
K 15	1477.849	2610.600	2594.581	2595.589	2593.574	K 21
K 16	1547.954	2482.505	2466.487	2467.494	2465.479	K 20
A 17	1718.991	2312.400	2296.381	2297.389	2295.373	A 19
V 18	1818.068	2241.363	2225.344	2226.352	2224.336	V 18
T 19	1919.107	2142.294	2126.275	2127.283	2125.266	T 17
K 20	2089.213	2041.246	2025.228	2026.236	2024.220	K 16
V 21	2188.281	1871.141	1855.122	1856.130	1854.114	V 15
Q 22	2316.340	1772.073	1756.054	1757.062	1755.046	Q 14
K 23	2444.435	1644.014	1627.995	1628.003	1626.987	K 13
R 24	2572.530	1515.919	1499.900	1500.908	1498.892	R 12
D 25	2687.557	1387.824	1371.805	1372.813	1370.798	D 11
G 26	2744.578	1272.797	1256.778	1257.786	1255.771	G 10
K 27	2872.673	1175.716	1160.697	1200.765	1168.649	K 9
K 28	3000.768	1087.681	1071.662	1072.670	1070.654	K 8
R 29	3156.869	959.586	943.567	944.575	942.559	R 7
R 30	3284.954	833.495	787.468	788.474	786.458	R 6
R 31	3441.065	675.390	659.371	660.379	658.363	R 5
S 32	3528.097	519.289	503.270	504.278	502.262	S 4
R 33	3684.198	432.257	416.238	417.246	415.230	R 3
K 34	3812.293	276.155	260.137	261.144	259.129	K 2
E 35	3941.336	148.060	132.042	133.050	131.034	E 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKK^{Acetyl} AVTK^{Acetyl} VQKKDGKKRKRSRKE^{42.01}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.92
- ▶ F112501.dat
- ▶ query=q68741.p1
- ▶ precursor=789.269990
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	58.047	1071.654	1063.654	0.504	1063.150	P10
D1	115.500	1023.137	1915.128	0.504	1014.624	D34
F1	164.087	1065.624	1057.614	0.504	1057.110	F33
A1	199.605	1017.091	1009.088	0.504	1008.584	A32
K1	263.651	1781.579	1773.566	1774.073	1773.060	K31
S1	307.169	1747.533	1739.522	1710.026	1709.010	S30
A17	352.692	1074.015	1066.008	1058.010	1059.505	A29
F1	391.214	1038.497	1030.487	1020.991	1020.981	F28
A1	436.732	1589.070	1581.961	1582.465	1581.457	A27
P10	475.250	1254.452	1246.442	1246.946	1245.930	P26
K11	539.306	1505.025	1497.015	1489.020	1489.412	K25
K12	603.354	1444.876	1433.989	1434.373	1433.366	K24
G13	631.804	1377.830	1369.821	1370.325	1369.317	G23
S14	675.380	1349.320	1341.310	1341.814	1340.808	S22
K15	739.426	1305.904	1297.894	1298.398	1297.390	K21
K16	824.481	1241.756	1233.747	1234.251	1233.243	K20
A17	859.999	1156.763	1148.753	1149.198	1148.190	A19
V18	909.533	1124.325	1115.316	1115.819	1112.822	V18
T19	960.957	1071.051	1063.641	1064.145	1063.137	T17
K20	1045.110	1021.127	1013.118	1013.621	1012.614	K16
V21	1094.644	936.074	928.065	928.569	927.561	V15
Q22	1158.674	886.540	878.531	879.034	878.027	Q14
R23	1222.721	822.513	814.501	815.005	813.997	R13
K24	1286.768	758.483	750.454	750.958	749.950	K12
D25	1344.282	694.418	686.406	686.910	685.902	D11
G26	1372.793	636.902	628.893	629.397	628.389	G10
K27	1436.840	608.391	600.382	600.886	599.878	K9
K28	1500.888	544.344	536.335	536.839	535.831	K8
R29	1578.918	480.296	472.287	472.791	471.783	R7
K30	1642.986	402.246	394.237	394.740	393.733	K6
R31	1721.036	338.198	330.189	330.693	329.685	R5
S32	1764.552	260.148	252.139	252.642	251.635	S4
R33	1842.603	216.632	208.623	209.126	208.119	R3
T34	1906.650	138.581	130.572	131.076	130.068	T2
E35	1971.172	74.534	66.524	67.028	66.021	E1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKK^{Acetyl}AVTK^{Acetyl}VQKKDGKKRKRSRKE
42.01 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.92
- ▶ F112501.dat
- ▶ query=q68741.p1
- ▶ precursor=789.269990
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F 1	39.034	1314.778	1309.439	0.672	1309.163	P 28
D 2	77.376	1282.427	1277.088	0.672	1276.752	D 34
F 3	109.727	1244.085	1238.745	0.672	1238.409	F 33
A 4	134.406	1211.734	1206.394	0.672	1206.058	A 32
K 5	176.104	1188.055	1182.715	1183.051	1182.379	K 31
S 6	205.215	1149.357	1145.017	1140.353	1139.681	S 30
A 7	229.796	1116.346	1111.999	1111.744	1110.959	A 29
F 8	261.145	1092.667	1087.377	1087.663	1086.901	F 28
A 9	284.634	1060.316	1054.976	1055.312	1054.640	A 27
F 10	317.175	1036.637	1031.297	1031.633	1030.961	F 26
K 11	359.873	1004.286	998.946	999.262	998.611	K 25
K 12	402.572	983.568	978.249	978.564	977.911	K 24
G 13	421.579	918.889	913.530	913.886	913.214	G 23
S 14	450.589	899.882	894.543	894.879	894.207	S 22
K 15	491.288	870.872	865.532	865.868	865.190	K 21
K 16	549.990	828.173	822.834	823.170	822.468	K 20
A 17	573.669	774.471	769.132	769.468	768.799	A 19
V 18	608.694	747.792	742.453	742.789	742.117	V 18
T 19	640.374	714.770	709.430	709.766	709.094	T 17
K 20	697.076	681.087	675.747	676.083	675.411	K 16
V 21	720.099	624.385	619.046	619.382	618.710	V 15
Q 22	772.785	591.362	586.023	586.359	585.687	Q 14
K 23	815.483	548.676	543.337	543.672	543.001	K 13
K 24	858.181	505.975	500.636	500.974	500.302	K 12
D 25	896.524	463.280	457.940	458.276	457.604	D 11
G 26	915.531	424.937	419.598	419.934	419.262	G 10
K 27	958.229	405.930	400.590	400.926	400.255	K 9
K 28	1007.927	363.232	357.892	358.228	357.556	K 8
R 29	1052.961	320.533	315.194	315.530	314.858	R 7
K 30	1095.660	288.500	283.160	283.496	282.824	K 6
R 31	1147.693	225.801	220.462	220.798	220.126	R 5
S 32	1176.704	173.768	168.428	168.764	168.092	S 4
R 33	1226.738	144.757	139.417	139.753	139.082	R 3
N 34	1271.436	92.721	87.381	87.720	87.048	N 2
E 35	1314.450	50.025	44.685	45.021	44.349	E 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKK ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.92
- ▶ F112501.dat
- ▶ query=q68741.p1
- ▶ precursor=789.269990
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	986.335	982.331	0.755	982.079	P[15]
D[2]	58.284	952.072	958.068	0.755	957.810	D[34]
P[3]	82.547	933.316	929.311	0.755	929.059	P[13]
A[4]	100.306	909.052	905.048	0.755	904.796	A[32]
K[5]	132.430	891.293	887.288	887.540	887.036	K[31]
S[6]	154.088	859.269	855.265	855.517	855.013	S[30]
A[7]	171.847	837.511	833.507	833.759	833.255	A[29]
P[8]	196.111	819.752	815.747	815.999	815.495	P[28]
A[9]	213.870	795.489	791.484	791.736	791.232	A[27]
P[10]	238.133	777.730	773.725	773.977	773.473	P[26]
K[11]	270.157	753.466	749.462	749.714	749.210	K[25]
K[12]	302.180	721.443	717.438	717.690	717.186	K[24]
G[13]	316.436	689.419	685.414	685.666	685.162	G[23]
S[14]	338.194	675.164	671.159	671.411	670.907	S[22]
K[15]	370.218	653.406	649.401	649.653	649.149	K[21]
K[16]	412.744	621.382	617.377	617.629	617.125	K[20]
A[17]	430.503	578.855	574.851	575.103	574.599	A[19]
V[18]	455.270	561.096	557.091	557.343	556.839	V[18]
T[19]	480.532	536.329	532.324	532.576	532.072	T[17]
K[20]	523.059	511.067	507.062	507.314	506.810	K[16]
V[21]	547.826	468.541	464.536	464.788	464.284	V[15]
Q[22]	579.840	443.774	439.769	440.021	439.517	Q[14]
K[23]	611.864	411.759	407.754	408.006	407.502	K[13]
K[24]	643.888	379.735	375.731	375.982	375.479	K[12]
D[25]	672.645	347.711	343.707	343.959	343.455	D[11]
G[26]	688.900	318.955	314.950	315.202	314.698	G[10]
K[27]	718.924	304.699	300.695	300.947	300.443	K[9]
K[28]	750.947	272.676	268.671	268.923	268.419	K[8]
K[29]	789.973	240.652	236.647	236.899	236.395	K[7]
K[30]	821.996	201.627	197.622	197.874	197.370	K[6]
R[31]	851.022	169.603	165.598	165.850	165.346	R[5]
S[32]	882.780	130.578	126.573	126.825	126.321	S[4]
R[33]	921.805	108.620	104.615	104.867	104.363	R[3]
K[34]	953.829	69.794	65.790	66.042	65.538	K[2]
E[35]	986.089	37.771	33.766	34.018	33.514	E[1]

sp | P68433 | H31_MOUSE

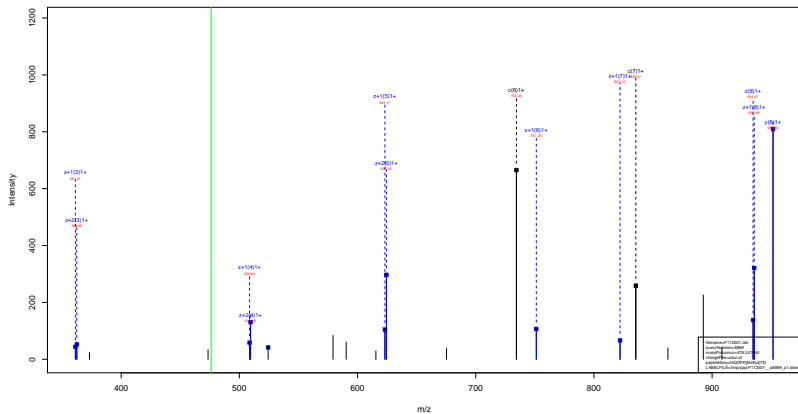
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=55.12
- ▶ F112501.dat
- ▶ query=q8868_p1
- ▶ precursor=476.241540
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
T 1	46.998	0.000	0.000	114.098	0.000	0.000	901.414	109.404	114.098	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.354	821.354	820.354	A 2
Q 3	286.192	286.186	0.000	313.187	296.160	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	362.209	478.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	540.261	549.277	575.282	558.256	567.272	524.271	507.245	506.261	F 5
R 6	689.366	672.372	671.366	717.393	700.369	699.362	377.263	360.177	359.193	R 6
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	237.082	T 7
G 8	905.473	888.449	887.462	933.468	916.441	915.457	134.040	0.000	136.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02

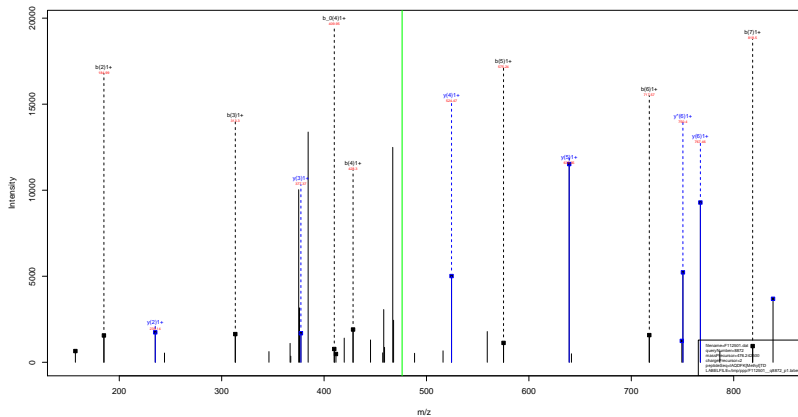


sp | P68433 | H31_MOUSE

IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.12
- ▶ F112501.dat
- ▶ query=q8869.p1
- ▶ precursor=476.241540
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	762.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
R 6	734.420	377.203	361.184	362.192	360.177	R 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

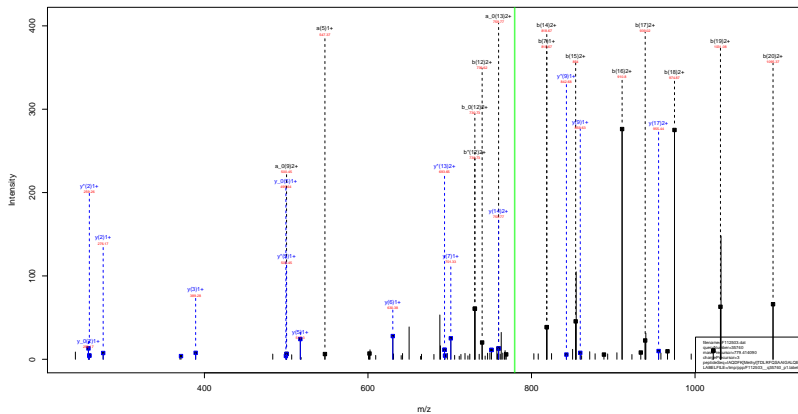


sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=53.26
- ▶ F112501.dat
- ▶ query=q8872_p1
- ▶ precursor=476.242500
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
T 1	46.998	0.000	0.000	114.099	0.000	0.000	901.419	109.456	113.989	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.354	821.392	820.384	A 2
Q 3	286.192	286.189	0.000	313.187	296.169	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	362.209	428.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	540.261	529.277	575.282	558.256	557.272	524.271	507.245	506.261	F 5
H 6	659.356	652.332	641.368	717.393	700.369	699.382	377.263	360.237	359.253	H 6
I 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	237.082	I 7
G 8	905.473	890.449	887.462	933.468	916.441	915.457	134.040	0.000	136.034	G 8



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=47.83
- ▶ F112503.dat
- ▶ query=q35740_p1
- ▶ precursor=779.414090
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	r	r'	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2310.088	2318.214	I 21
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2256.114	2205.130	A 20
Q	139.072	282.985	0.000	113.181	289.166	0.000	2191.101	2176.077	2154.043	Q 19
D	160.219	363.193	382.209	142.214	311.197	410.203	2024.052	2007.018	2006.034	D 18
F	547.267	629.261	629.277	379.263	626.256	627.272	1669.010	1661.993	1661.007	F 17
K	680.268	672.272	671.267	371.267	670.266	669.262	1761.945	1744.923	1743.939	K 16
V	700.446	674.419	722.432	618.441	661.414	660.438	1618.939	1600.912	1601.928	V 15
D	160.219	638.416	687.402	633.468	616.441	615.437	1518.792	1501.765	1500.781	D 14
L	101.829	101.829	101.840	104.822	102.822	102.824	1461.761	1466.739	1466.754	L 13
R	117.438	117.441	118.441	120.433	118.436	118.442	1291.662	1272.644	1272.659	R 12
F	1321.728	1304.700	1303.710	1248.721	1332.699	1331.711	1134.979	1117.950	1116.968	F 11
Q	1640.782	1442.760	1431.774	1477.769	1460.751	1459.769	687.511	687.504	686.500	Q 10
S	1638.617	1618.769	1612.882	1564.812	1547.785	1546.801	839.452	842.425	841.441	S 9
A	1007.254	1000.252	1000.261	1000.264	1018.252	1017.258	771.250	766.250	764.249	A 8
A	1016.291	1061.285	1060.282	1028.285	1060.292	1060.279	701.383	684.369	683.372	A 7
I	1791.978	1774.969	1771.963	1819.970	1802.944	1801.950	630.346	633.319	632.330	I 6
C	1648.907	1611.919	1611.960	1579.916	1609.904	1608.910	517.262	508.235	499.251	C 5
A	1000.244	1001.237	1002.221	1048.229	1031.232	1030.218	461.242	461.242	460.240	A 4
L	1001.116	1001.101	1001.111	1004.100	1001.111	1004.100	389.203	374.177	371.183	L 3
Q	1011.170	1044.159	1043.150	1038.171	1072.145	1071.151	276.119	259.092	258.108	Q 2
E	2000.219	2001.200	2000.200	2010.214	2001.187	2000.200	148.190	0.000	148.190	E 1

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSAAILGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=47.83
- ▶ F112503.dat
- ▶ query=q35740_p1
- ▶ precursor=779.414090
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA	
R1	451502	0.504	0.504	57340	0.504	0.504	1168810	1169121	1169121	R21	
A1-2	791010	0.504	0.504	81569	0.504	0.504	11471074	11491501	11491501	A205	
Q1-3	1431141	1.008	0.504	1491091	1.008	0.504	10176765	10181041	10181041	Q104	
D1-4	2001111	1.512	1.008	1451111	1.512	1.008	89171202	8918101	8918101	D110	
F1-5	3741141	2.016	1.512	3881141	2.016	1.512	4791140	955.013	955.013	F111	
K1-6	5451131	2.520	2.016	3911101	2.520	2.016	3501195	351141	352195	K116	
T1-7	6911111	3.024	2.520	691111	3.024	2.520	4021111	4031111	4031111	T115	
D1-8	8011101	3.528	3.024	801111	3.528	3.024	4361111	750.859	751.386	750.894	D114
L1-9	1001101	4.032	3.528	1001111	4.032	3.528	1141111	693.872	693.380	L113	
M1-10	1101111	4.536	4.032	1061111	4.536	4.032	1141111	1141111	1141111	M112	
R1-11	1201111	5.040	4.536	661.830	5.040	4.536	1021111	1021111	1021111	R111	
P1-12	1301111	5.544	5.040	1301111	5.544	5.040	1021111	1021111	1021111	P111	
Q1-13	1401111	6.048	5.544	739.344	730.880	730.386	1021111	1021111	1021111	Q110	
S1-14	168.912	6.552	759.907	759.907	759.907	759.907	1021111	1021111	1021111	S110	
A1-14	168.912	6.552	759.907	818.428	818.428	818.428	1021111	1021111	1021111	A110	
A1-15	330.824	6.552	818.428	851.947	851.947	851.947	1021111	1021111	1021111	A110	
I1-16	330.824	6.552	818.428	910.469	910.469	910.469	1021111	1021111	1021111	I110	
C1-17	330.824	6.552	818.428	938.989	938.989	938.989	230.134	230.134	230.134	C110	
L1-18	330.824	6.552	818.428	974.518	966.005	966.513	230.134	230.134	230.134	L110	
L1-19	1011101	1.008	1.008	1031.060	1022.547	1022.055	1021111	1021111	1021111	L110	
Q1-20	1011101	1.008	1.008	1095.089	1095.089	1095.089	1021111	1021111	1021111	Q110	
R1-21	1149111	1.512	1.512	1149111	1149111	1149111	1149111	1149111	1149111	R110	

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=41.21
- ▶ F112503.dat
- ▶ query=q35743.p1
- ▶ precursor=779.414150
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2316.088	2316.214	I 21
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2206.130	A 20
Q	159.012	282.985	0.000	113.181	286.166	0.000	2351.101	2336.077	2336.093	Q 19
D	160.219	303.193	382.239	126.214	311.197	410.263	2624.076	2607.051	2606.034	D 18
F	167.207	320.201	420.277	137.263	326.256	427.272	3069.031	3051.001	3051.017	F 17
K	168.208	322.212	421.283	137.273	327.266	428.273	3161.045	3144.021	3144.037	K 16
V	170.046	324.213	422.283	813.468	328.264	429.274	3019.030	3002.011	3002.028	V 15
D	165.473	308.446	387.452	126.441	315.437	415.432	2518.751	2501.765	2501.781	D 14
L	161.827	301.520	380.540	124.524	312.521	412.521	2421.761	2404.789	2404.794	L 13
R	117.438	117.431	118.491	120.521	118.526	119.472	1281.000	1272.004	1272.010	R 12
F	131.728	134.700	133.710	134.721	133.709	133.711	1334.979	1317.962	1316.968	F 11
Q	164.782	162.731	163.774	167.769	166.751	165.769	167.511	167.494	166.920	Q 10
S	153.617	152.709	153.800	156.812	154.783	154.801	160.402	162.425	161.441	S 9
A	107.254	106.272	105.343	107.364	105.322	104.322	101.426	102.429	101.406	A 8
A	116.891	116.105	115.281	117.308	115.293	116.375	701.383	684.368	685.372	A 7
D	171.978	177.408	171.861	173.979	172.944	181.980	630.346	613.319	612.319	D 6
C	168.907	163.103	163.860	167.916	165.854	165.861	517.262	501.239	499.241	C 5
A	100.034	100.031	100.021	104.029	103.102	103.018	463.262	445.254	444.258	A 4
L	103.110	103.101	103.111	104.111	104.100	104.111	389.203	372.177	371.183	L 3
Q	101.170	101.159	101.150	101.171	101.145	101.151	276.119	269.092	258.108	Q 2
E	200.219	200.200	200.201	201.214	201.187	200.201	148.990	0.000	148.990	E 1

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=41.21
- ▶ F112503.dat
- ▶ query=q35743.p1
- ▶ precursor=779.414150
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I(3)	43.602	0.500	0.500	37.941	0.504	0.500	1180.830	1180.330	1180.831	I(2)
A(2)	78.070	0.504	0.500	33.082	0.504	0.504	1112.034	1110.530	1110.030	A(20)
G(3)	143.100	1.514	0.504	137.087	1.481	0.504	1038.181	1038.182	1038.182	G(16)
D(4)	200.513	193.330	191.600	214.461	209.097	205.600	1010.520	1004.915	1003.512	D(10)
F(5)	274.147	265.834	265.147	288.141	279.632	279.140	995.031	948.496	946.007	F(17)
K(6)	345.201	339.069	336.197	359.200	350.687	350.195	881.431	872.869	872.471	K(16)
L(7)	399.777	397.213	396.721	408.724	401.211	400.710	810.421	806.910	806.418	L(15)
E(8)	451.240	444.727	444.235	467.211	460.724	459.232	750.890	715.340	703.894	E(14)
L(9)	502.782	491.269	490.777	511.268	511.778	511.276	707.386	692.874	691.380	L(13)
M(10)	557.813	579.311	578.811	601.830	598.317	597.825	640.791	617.240	608.788	M(12)
P(11)	594.304	652.324	652.324	597.304	668.831	664.304	597.311	559.260	558.760	P(11)
Q(12)	671.396	690.887	690.391	739.394	730.880	730.388	490.290	493.740	493.234	Q(10)
S(13)	698.012	740.399	740.399	698.012	774.396	773.894	430.230	442.710	442.214	S(9)
A(14)	804.918	810.819	810.819	814.426	808.825	808.825	360.749	319.260	319.760	A(8)
A(15)	830.949	831.430	830.941	851.947	845.431	844.941	351.180	347.682	347.190	A(7)
I(16)	888.461	887.938	887.450	910.469	901.975	901.483	311.630	307.181	306.711	I(6)
G(17)	978.600	978.469	978.399	938.509	931.466	929.948	298.134	296.621	296.130	G(5)
A(18)	990.521	992.083	991.513	974.518	974.005	969.513	230.824	222.110	221.618	A(4)
L(19)	1017.681	1008.549	1008.011	1031.610	1022.547	1022.020	196.180	188.760	188.130	L(3)
Q(20)	1081.692	1072.219	1071.682	1095.669	1086.516	1086.004	130.363	130.890	129.530	Q(2)
E(21)	1148.513	1117.000	1116.600	1149.511	1151.000	1150.600	74.901	0.760	0.510	E(1)

sp | P68433 | H31_MOUSE

IAQDFKTDLR ^{Methyl} 14.02 FQSSAVM ^{Oxidation} 15.99 ALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.40
- ▶ F112503.dat
- ▶ query=q36463_p1
- ▶ precursor=810.078180
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
I	36.000	0.000	0.000	114.000	0.000	0.000	2424.210	2411.100	2411.100	I
A	137.134	0.000	0.000	149.77	0.000	0.000	2111.131	2108.100	2107.113	A
G	159.150	189.310	1.000	313.187	208.100	0.000	2294.100	2272.010	2270.000	G
D	140.219	33.510	382.200	629.219	141.100	410.200	2118.010	2099.010	2098.027	D
F	147.207	130.201	539.219	575.282	1038.210	101.219	2001.010	1983.004	1983.000	F
K	675.382	808.206	657.372	705.372	1038.210	101.219	1818.044	1809.010	1805.012	K
L	176.170	700.408	704.412	1008.420	1197.100	108.412	1720.040	1709.010	1707.010	L
D	181.407	37.4.411	871.446	918.412	1001.425	101.411	1824.000	1807.773	1808.788	D
I	104.101	107.110	108.110	1012.100	1012.100	101.4.100	1528.770	1492.740	1491.762	I
R	1174.008	1177.011	1180.000	1222.010	1180.000	1184.011	1398.000	1379.000	1378.010	R
P	1121.720	1124.700	1125.710	1149.720	1132.000	1131.711	1326.572	1308.540	1308.562	P
Q	1449.700	1452.700	1451.700	1477.700	1460.700	1462.700	1070.500	1062.470	1061.490	Q
S	1138.017	1139.700	1142.000	1164.012	1147.100	1148.011	951.445	935.410	934.410	S
S	1013.100	1016.010	1019.010	1015.044	1016.011	1013.100	864.411	841.387	840.400	S
A	1094.000	1077.000	1076.000	1123.000	1105.004	1104.000	777.000	765.000	760.011	A
V	1173.004	1176.000	1173.004	1182.000	1184.000	1181.000	706.344	689.317	688.311	V
T	1149.000	1152.011	1151.000	1168.000	1171.000	1169.011	687.278	599.240	599.000	T
A	2012.107	1998.000	1994.000	2040.000	2022.000	2022.011	460.210	449.214	444.210	A
L	1201.111	1198.000	1197.100	1215.100	1216.000	1215.111	389.203	374.110	371.100	L
Q	2253.110	2236.110	2235.100	2260.100	2264.110	2263.114	276.110	259.092	258.100	Q
E	1102.112	1105.100	1104.100	1124.100	1125.100	1124.112	148.100	146.100	145.100	E

sp | P68433 | H31_MOUSE

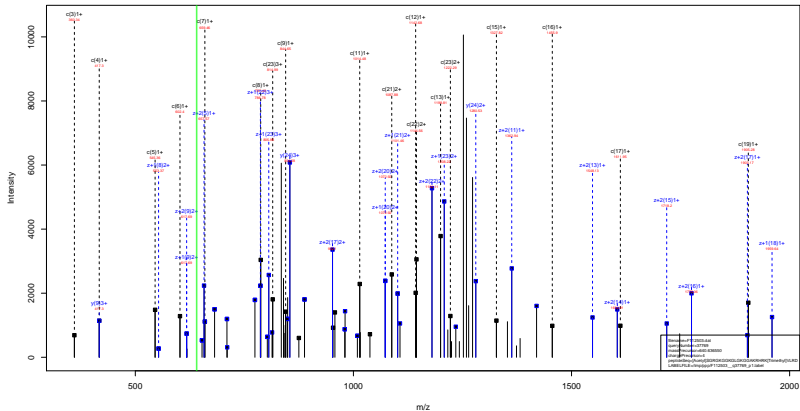
IAQDFKTDLR ^{Methyl}14.02 FQSSAVM ^{Oxidation}15.99 ALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=49.40
- ▶ F112503.dat
- ▶ query=q36463_p1
- ▶ precursor=810.078180
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I(3)	41.952	0.504	0.504	57.940	0.504	0.504	1174.612	1326.068	1326.068	I(2)
A(2)	78.070	0.504	0.504	93.060	0.504	0.504	1158.030	1149.537	1149.537	A(25)
Q(3)	1143.100	1.504	0.504	131.090	1.504	0.504	1177.792	1114.030	1113.544	Q(19)
D(4)	1508.513	1.504	1.504	214.611	1.504	1.504	1059.551	1059.055	1049.571	D(16)
F(5)	174.547	2.004	0.504	168.141	2.004	0.504	1191.440	1081.039	1064.034	F(17)
K(6)	1138.095	1.504	1.504	382.192	1.504	1.504	943.137	927.431	918.962	K(16)
T(7)	488.119	2.004	1.504	462.719	2.004	1.504	1013.113	1013.617	1004.124	T(15)
D(8)	1646.131	1.504	1.504	457.231	1.504	1.504	1011.234	1011.738	1002.245	D(14)
L(9)	1022.774	1.504	1.504	483.762	1.504	1.504	1017.266	1017.770	1008.281	L(13)
M(10)	1037.819	1.504	1.504	510.293	1.504	1.504	1012.279	1012.783	1003.298	M(12)
F(11)	1054.367	1.504	1.504	536.824	1.504	1.504	1013.310	1013.814	1004.329	F(11)
Q(12)	725.394	1.504	1.504	563.355	1.504	1.504	1014.341	1014.845	1005.359	Q(10)
S(13)	1080.912	1.504	1.504	589.886	1.504	1.504	1015.372	1015.876	1006.391	S(9)
S(14)	1114.458	1.504	1.504	616.417	1.504	1.504	1016.403	1016.907	1007.421	S(8)
A(15)	847.947	1.504	1.504	642.948	1.504	1.504	1017.434	1017.938	1008.451	A(7)
V(16)	1097.481	1.504	1.504	669.479	1.504	1.504	1018.465	1018.969	1009.481	V(6)
T(17)	1139.019	1.504	1.504	696.010	1.504	1.504	1019.496	1019.999	1010.511	T(5)
A(18)	1108.517	1.504	1.504	722.541	1.504	1.504	1020.527	1021.031	1011.541	A(4)
L(19)	1083.059	1.504	1.504	749.072	1.504	1.504	1021.558	1022.062	1012.571	L(3)
Q(20)	1127.600	1.504	1.504	775.603	1.504	1.504	1022.589	1023.093	1013.601	Q(2)
D(21)	1116.103	1.504	1.504	802.134	1.504	1.504	1023.620	1024.124	1014.631	D(1)

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Trimethyl VLRD
42.05



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=107.32
- ▶ F112503.dat
- ▶ query=q37769_p1
- ▶ precursor=640.636550
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.676	2509.518	2543.489	0.000	2542.491	S[24]
G	2	204.098	2430.475	2414.457	0.000	2413.449	G[23]
R	3	368.199	2373.464	2367.435	2358.443	2366.427	R[22]
G	4	417.230	2217.953	2200.334	2202.342	2200.328	G[21]
K	5	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G	6	602.337	2032.236	2016.218	2017.225	2015.210	G[19]
G	7	659.358	1975.215	1959.196	1960.204	1958.188	G[18]
K	8	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G	9	844.475	1790.098	1774.080	1775.087	1773.072	G[16]
L	10	927.559	1733.077	1717.058	1718.066	1716.050	L[15]
G	11	1014.580	1619.993	1603.974	1604.982	1602.966	G[14]
K	12	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G	13	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G	14	1256.718	1377.855	1361.836	1362.844	1360.828	G[11]
A	15	1327.795	1320.833	1304.815	1305.823	1303.807	A[10]
R	16	1455.850	1249.796	1233.778	1234.785	1232.770	R[9]
R	17	1611.951	1121.701	1105.683	1106.691	1104.675	R[8]
H	18	1749.010	995.600	949.582	950.589	948.574	H[7]
R	19	1905.111	838.541	812.523	813.530	811.515	R[6]
K	20	2075.253	672.440	656.422	657.429	655.414	K[5]
V	21	2174.322	502.298	486.280	487.287	485.272	V[4]
L	22	2287.406	403.232	387.214	388.219	386.203	L[3]
R	23	2443.507	286.146	274.127	275.135	273.119	R[2]
D	24	2598.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=107.32
- ▶ F112503.dat
- ▶ query=q37769_p1
- ▶ precursor=640.636550
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1280.263	1272.259	0.904	1271.449	S(24)
G	2	102.553	1215.741	1207.732	0.904	1207.228	G(23)
R	3	180.603	1187.213	1179.257	1179.725	1178.717	R(22)
G	4	269.114	1109.185	1101.171	1101.975	1100.667	G(21)
K	5	273.161	1080.060	1072.660	1073.164	1072.158	K(20)
G	6	351.672	1016.623	1008.612	1009.116	1008.108	G(19)
G	7	330.193	988.111	980.102	980.606	979.599	G(18)
K	8	394.230	959.600	951.591	952.095	951.087	K(17)
G	9	422.741	895.513	887.543	888.047	887.040	G(16)
L	10	479.283	867.042	859.033	859.537	858.529	L(15)
G	11	507.794	818.500	802.491	802.995	801.987	G(14)
K	12	571.841	781.989	773.980	774.484	773.476	K(13)
G	13	600.352	717.942	709.932	710.436	709.429	G(12)
G	14	628.863	689.431	681.422	681.926	680.918	G(11)
A	15	664.381	660.920	652.911	653.415	652.407	A(10)
R	16	708.409	629.408	612.392	612.896	611.889	R(9)
R	17	806.479	561.354	553.345	553.849	552.841	R(8)
H	18	875.009	483.304	475.294	475.798	474.791	H(7)
R	19	953.059	414.774	406.765	407.269	406.261	R(6)
K	20	1038.130	336.724	328.714	329.218	328.211	K(5)
V	21	1087.065	251.663	243.653	244.147	243.140	V(4)
L	22	1144.202	202.119	194.109	194.613	193.605	L(3)
R	23	1222.257	145.577	137.567	138.071	137.063	R(2)
D	24	1279.771	67.526	59.517	60.021	59.013	D(1)

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=107.32
- ▶ F112503.dat
- ▶ query=q37769_p1
- ▶ precursor=640.636550
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	648.505	0.672	848.169	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	120.738	791.821	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	678.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.660	535.320	535.656	534.984	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	635.709	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	224.818	219.478	219.815	219.143	K[5]
V[21]	725.445	168.104	162.764	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=92.75
- ▶ F112503.dat
- ▶ query=q37770_p1
- ▶ precursor=640.636920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2509.518	2541.489	0.000	2542.491	S[24]
G[2]	204.098	2430.475	2414.457	0.000	2413.449	G[23]
R[3]	368.199	2373.464	2367.435	2358.443	2366.427	R[22]
G[4]	417.230	2217.953	2200.334	2202.342	2200.328	G[21]
K[5]	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G[6]	602.337	2032.236	2016.218	2017.225	2015.210	G[19]
G[7]	659.358	1975.215	1959.196	1960.204	1958.188	G[18]
K[8]	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G[9]	844.475	1790.096	1774.080	1775.087	1773.072	G[16]
L[10]	927.559	1733.077	1717.060	1718.066	1716.050	L[15]
G[11]	1014.580	1619.993	1603.974	1604.982	1602.966	G[14]
K[12]	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G[13]	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G[14]	1256.718	1377.855	1361.836	1362.844	1360.828	G[11]
A[15]	1327.795	1320.833	1304.815	1305.823	1303.807	A[10]
R[16]	1435.930	1249.796	1233.778	1234.785	1232.770	R[9]
R[17]	1631.951	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1749.010	995.600	989.582	990.589	988.574	H[7]
R[19]	1908.111	828.541	812.523	813.530	811.515	R[6]
R[20]	2075.253	672.440	656.422	657.429	655.414	R[5]
V[21]	2174.322	502.298	486.280	487.287	485.272	V[4]
L[22]	2287.406	403.232	387.213	388.219	386.203	L[3]
R[23]	2443.507	298.146	274.127	275.135	273.119	R[2]
D[24]	2598.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=92.75
- ▶ F112503.dat
- ▶ query=q37770_p1
- ▶ precursor=640.636920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1280.263	1272.259	0.504	1271.449	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.238	G[23]
R[3]	180.603	1187.215	1179.222	1179.725	1178.717	R[22]
G[4]	269.114	1109.185	1101.171	1101.975	1100.667	G[21]
K[5]	273.161	1080.060	1072.660	1073.164	1072.156	K[20]
G[6]	351.672	1016.622	1008.612	1000.116	1008.108	G[19]
G[7]	330.193	988.111	980.102	980.606	979.599	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	895.513	887.543	888.047	887.040	G[16]
L[10]	479.293	867.042	859.033	859.537	858.529	L[15]
G[11]	507.794	818.500	802.491	802.995	801.987	G[14]
K[12]	571.841	781.980	773.980	774.484	773.476	K[13]
G[13]	600.352	717.942	709.932	710.436	709.429	G[12]
G[14]	628.863	689.431	681.422	681.926	680.918	G[11]
A[15]	664.381	660.920	652.911	653.415	652.407	A[10]
R[16]	708.208	629.400	617.392	617.896	616.889	R[9]
R[17]	806.479	561.354	553.345	553.849	552.841	R[8]
H[18]	875.009	483.304	475.294	475.798	474.791	H[7]
R[19]	953.059	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.130	336.724	328.714	329.218	328.211	K[5]
V[21]	1087.865	251.663	243.653	244.147	243.140	V[4]
L[22]	1144.207	202.119	194.109	194.613	193.605	L[3]
R[23]	1222.257	145.577	137.567	138.071	137.063	R[2]
D[24]	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

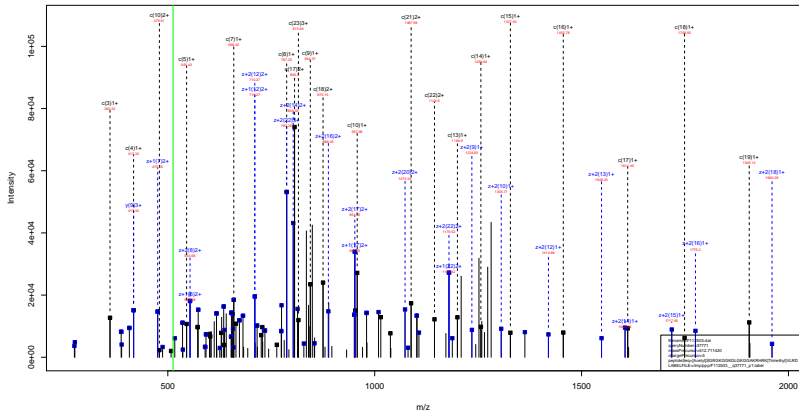
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=92.75
- ▶ F112503.dat
- ▶ query=q37770.p1
- ▶ precursor=640.636920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.169	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	120.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	678.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.660	535.320	535.656	534.984	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	635.709	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	224.818	219.478	219.815	219.143	K[5]
V[21]	725.445	168.104	162.764	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Trimethyl VLRD
42.05



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=122.03
- ▶ F112503.dat
- ▶ query=q37771.p1
- ▶ precursor=512.711420
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	167.076	2559.518	2543.490	0.000	2542.491	S[24]
G[2]	224.598	2430.475	2414.457	0.000	2413.449	G[23]
H[3]	360.199	2373.454	2357.438	2355.443	2356.427	H[22]
G[4]	417.220	2217.353	2201.334	2202.342	2200.325	G[21]
K[5]	545.115	2160.311	2144.311	2145.320	2143.305	K[20]
G[6]	602.337	2032.238	2016.218	2017.225	2015.210	G[19]
G[7]	659.358	1975.215	1959.190	1960.204	1958.188	G[18]
K[8]	787.453	1918.193	1902.173	1903.182	1901.167	K[17]
G[9]	844.475	1790.098	1774.080	1775.087	1773.072	G[16]
L[10]	957.559	1733.071	1717.059	1718.066	1716.056	L[15]
G[11]	1014.580	1619.993	1603.974	1604.982	1602.968	G[14]
K[12]	1142.075	1562.971	1546.953	1547.960	1545.945	K[13]
G[13]	1199.697	1434.878	1418.859	1419.866	1417.850	G[12]
G[14]	1256.718	1327.855	1311.830	1362.844	1360.828	G[11]
A[15]	1327.735	1220.833	1204.813	1305.823	1303.807	A[10]
K[16]	1435.850	1249.795	1233.773	1234.785	1232.770	K[9]
R[17]	1611.951	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1749.010	995.605	949.582	950.589	948.574	H[7]
R[19]	1905.111	828.541	812.523	813.530	811.515	R[6]
K[20]	2075.253	672.440	656.422	657.429	655.414	K[5]
V[21]	2174.322	602.298	486.280	487.287	485.272	V[4]
L[22]	2287.406	461.216	387.211	388.219	386.203	L[3]
D[23]	2443.587	390.140	274.127	275.135	273.119	D[2]
D[24]	2558.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=122.03
- ▶ F112503.dat
- ▶ query=q37771_p1
- ▶ precursor=512.711420
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1280.263	1272.259	0.504	1271.449	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.228	G[23]
R[3]	180.603	1187.231	1179.221	1179.725	1178.717	R[22]
G[4]	269.114	1179.185	1161.171	1161.675	1160.666	G[21]
K[5]	273.161	1080.649	1072.640	1073.144	1072.136	K[20]
G[6]	351.672	1016.622	1008.612	1009.116	1008.108	G[19]
G[7]	330.163	968.111	960.102	960.606	959.596	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	427.741	895.513	887.503	888.047	887.040	G[16]
L[10]	479.283	861.942	853.933	855.931	854.923	L[15]
G[11]	507.794	818.500	810.491	810.995	809.987	G[14]
K[12]	571.841	781.989	773.980	774.484	773.476	K[13]
G[13]	600.352	717.942	709.932	710.436	709.429	G[12]
G[14]	628.863	689.431	681.422	681.926	680.918	G[11]
A[15]	664.381	669.920	653.911	653.415	652.407	A[10]
R[16]	728.429	625.402	617.392	617.896	616.889	R[9]
R[17]	806.479	561.354	553.345	553.849	552.841	R[8]
H[18]	875.009	483.304	475.294	475.798	474.791	H[7]
R[19]	953.059	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.130	336.724	328.714	329.218	328.211	K[5]
V[21]	1087.665	251.663	243.653	244.147	243.140	V[4]
L[22]	1144.207	202.110	194.100	194.613	193.605	L[3]
R[23]	1222.257	145.577	137.567	138.071	137.063	R[2]
D[24]	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=122.03
- ▶ F112503.dat
- ▶ query=q37771.p1
- ▶ precursor=512.711420
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.169	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	120.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	578.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.669	535.330	535.666	534.994	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	635.709	276.852	271.512	271.848	271.176	R[6]
K[20]	662.423	224.818	219.479	219.815	219.143	K[5]
V[21]	725.445	168.104	162.765	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD_{42.05}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=122.03
- ▶ F112503.dat
- ▶ query=q37771.p1
- ▶ precursor=512.711420
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	640.635	636.630	0.755	636.378	S[24]
G[2]	51.780	608.374	604.370	0.755	604.118	G[23]
R[3]	90.805	594.119	590.114	590.366	589.862	R[22]
G[4]	105.061	555.094	551.089	551.341	550.837	G[21]
K[5]	137.084	540.838	536.834	537.086	536.582	K[20]
G[6]	151.340	508.815	504.810	505.062	504.558	G[19]
G[7]	165.595	494.559	490.554	490.806	490.303	G[18]
K[8]	197.619	480.304	476.299	476.551	476.047	K[17]
G[9]	211.874	448.280	444.275	445.527	444.523	G[16]
L[10]	240.145	434.025	430.020	430.272	429.768	L[15]
G[11]	254.401	405.754	401.749	402.001	401.497	G[14]
K[12]	286.424	391.498	387.494	387.746	387.242	K[13]
G[13]	300.680	359.475	355.470	355.722	355.218	G[12]
G[14]	314.935	345.219	341.215	341.466	340.963	G[11]
A[15]	332.694	330.964	326.959	327.211	326.707	A[10]
K[16]	364.718	313.205	309.200	309.452	308.948	K[9]
R[17]	403.743	281.181	277.176	277.428	276.924	R[8]
H[18]	438.008	242.156	238.151	238.403	237.899	H[7]
R[19]	477.033	207.891	203.886	204.138	203.634	R[6]
K[20]	519.569	158.866	154.861	155.113	154.609	K[5]
V[21]	544.136	126.130	122.125	122.377	122.073	V[4]
L[22]	572.607	101.563	97.558	97.810	97.306	L[3]
R[23]	611.632	73.292	69.287	69.539	69.035	R[2]
D[24]	640.389	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=113.75
- ▶ F112503.dat
- ▶ query=q37937_p1
- ▶ precursor=644.140540
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2573.534	2557.515	0.000	2556.507	S[24]
G[2]	204.098	2444.491	2428.472	0.000	2427.464	G[23]
R[3]	374.215	2387.469	2371.451	2372.459	2370.443	R[22]
G[4]	431.236	2317.953	2299.334	2292.342	2290.326	G[21]
K[5]	559.331	2160.331	2144.313	2145.320	2143.305	K[20]
G[6]	616.353	2032.236	2016.218	2017.225	2015.210	G[19]
G[7]	673.374	1975.215	1959.196	1960.204	1958.189	G[18]
K[8]	801.469	1918.193	1902.175	1903.182	1901.167	K[17]
G[9]	858.490	1790.098	1774.080	1775.087	1773.072	G[16]
L[10]	971.574	1733.077	1717.058	1718.066	1716.050	L[15]
G[11]	1028.596	1619.993	1603.974	1604.982	1602.966	G[14]
K[12]	1156.691	1562.971	1546.953	1547.960	1545.945	K[13]
G[13]	1213.712	1434.876	1418.858	1419.866	1417.850	G[12]
G[14]	1270.734	1377.855	1361.836	1362.844	1360.828	G[11]
A[15]	1341.771	1320.833	1304.815	1305.823	1303.807	A[10]
R[16]	1409.886	1249.796	1233.778	1234.785	1232.770	R[9]
R[17]	1625.967	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1763.026	995.600	989.582	990.589	988.574	H[7]
R[19]	1919.127	826.541	810.523	813.530	811.515	R[6]
K[20]	2089.269	672.440	656.422	657.429	655.414	K[5]
V[21]	2188.437	502.298	486.280	487.287	485.272	V[4]
L[22]	2301.421	403.230	387.211	388.219	386.203	L[3]
R[23]	2457.523	290.146	274.127	-75.135	273.110	R[2]
D[24]	2572.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=113.75
- ▶ F112503.dat
- ▶ query=q37937_p1
- ▶ precursor=644.140540
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1287.270	1279.261	0.504	1278.757	S[24]
G[2]	102.553	1222.749	1214.740	0.504	1214.236	G[23]
R[3]	187.811	1194.238	1186.229	1186.733	1185.725	R[22]
G[4]	218.322	1109.180	1101.171	1101.875	1100.667	G[21]
K[5]	280.169	1080.060	1072.660	1073.164	1072.156	K[20]
G[6]	308.680	1016.622	1008.612	1000.116	1008.108	G[19]
G[7]	337.191	968.111	960.100	960.606	979.596	G[18]
K[8]	401.216	959.600	951.591	952.095	951.087	K[17]
G[9]	429.740	895.512	887.543	888.047	887.040	G[16]
L[10]	489.291	867.042	859.033	859.537	858.529	L[15]
G[11]	514.802	810.500	802.491	802.995	801.987	G[14]
K[12]	578.949	781.989	773.980	774.484	773.476	K[13]
G[13]	607.360	717.942	709.932	710.436	709.429	G[12]
G[14]	635.871	689.431	681.422	681.926	680.918	G[11]
A[15]	677.389	660.920	652.911	653.415	652.407	A[10]
R[16]	735.437	629.409	617.392	617.896	616.889	R[9]
R[17]	813.487	561.354	553.345	553.849	552.841	R[8]
R[18]	882.017	483.304	475.294	475.798	474.791	R[7]
R[19]	960.067	414.774	406.765	407.269	406.261	R[6]
K[20]	1045.138	336.724	328.714	329.218	328.211	K[5]
V[21]	1094.672	251.662	243.653	244.147	243.140	V[4]
L[22]	1151.214	202.112	194.103	194.613	193.605	L[3]
R[23]	1229.265	145.577	137.567	138.071	137.063	R[2]
D[24]	1286.778	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

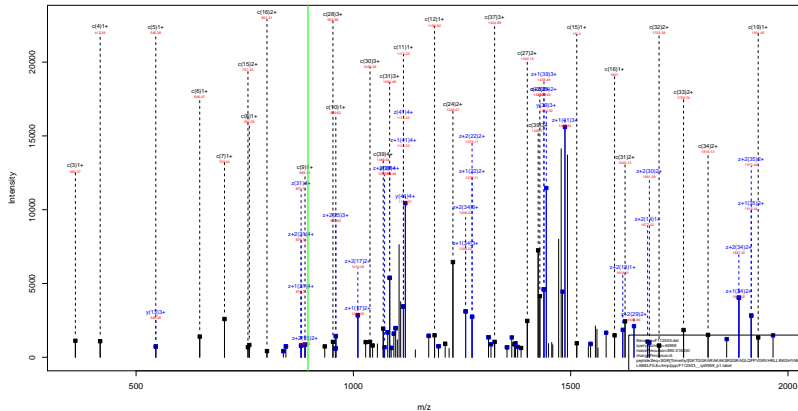
[Acetyl]SGR^{Methyl}_{14.02} GKGKGLGKGGAKRHRK^{Trimethyl}_{42.05} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=113.75
- ▶ F112503.dat
- ▶ query=q37937.p1
- ▶ precursor=644.140540
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	858.516	853.176	0.572	852.841	S[24]
G[2]	58.704	815.502	810.162	0.572	809.826	G[23]
R[3]	125.410	796.495	791.155	791.491	790.819	R[22]
G[4]	144.417	739.789	734.450	734.785	734.114	G[21]
K[5]	187.115	720.782	715.442	715.778	715.106	K[20]
G[6]	206.122	678.084	672.744	673.080	672.408	G[19]
G[7]	225.130	659.076	653.737	654.073	653.401	G[18]
K[8]	267.828	640.069	634.730	635.066	634.394	K[17]
G[9]	286.835	597.371	592.031	592.367	591.695	G[16]
L[10]	324.330	578.364	573.024	573.360	572.688	L[15]
G[11]	343.537	540.660	535.320	535.656	534.984	G[14]
K[12]	386.235	521.652	516.312	516.648	515.986	K[13]
G[13]	405.242	478.954	473.614	473.950	473.288	G[12]
G[14]	424.249	459.957	454.617	454.953	454.281	G[11]
A[15]	447.929	440.949	435.610	435.946	435.274	A[10]
K[16]	490.627	417.270	411.931	412.267	411.595	K[9]
R[17]	542.661	374.572	369.232	369.568	368.896	R[8]
H[18]	588.347	322.536	317.196	317.535	316.863	H[7]
R[19]	640.381	276.892	271.552	271.888	271.216	R[6]
K[20]	697.095	234.813	229.473	229.815	229.143	K[5]
V[21]	730.117	188.194	182.854	183.191	182.529	V[4]
L[22]	767.812	135.082	129.742	130.078	129.406	L[3]
R[23]	819.846	97.387	92.047	92.383	91.711	R[2]
D[24]	858.188	45.353	40.014	40.349	39.678	D[1]

sp | P27661 | H2AX_MOUSE

SGR^{Trimethyl}_{42.05} GKTGKARAKAKSRSSRAGLQFPVGRVHLLRKGHYAE



sp | P27661 | H2AX_MOUSE

SGR^{Trimethyl}_{42.05} GKTGGKARAKAKSRSSRAGLQFPVGRVHLLRKGHYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.85
- ▶ F112503.dat
- ▶ query=q45959_p1
- ▶ precursor=895.516330
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	105.066	5473.552	4487.535	0.000	4486.925	S 41
G 2	162.087	4388.519	4370.501	0.000	4369.403	G 40
R 3	360.235	4329.496	4311.479	4314.487	4312.471	R 39
G 4	417.257	4131.350	4115.331	4116.339	4114.323	G 38
K 5	545.352	4074.326	4058.310	4059.318	4057.302	K 37
T 6	646.399	3946.234	3930.215	3931.223	3929.207	T 36
G 7	703.421	3845.186	3829.167	3830.175	3828.159	G 35
G 8	760.442	3788.164	3772.146	3773.153	3771.138	G 34
K 9	868.537	3731.143	3715.124	3716.132	3714.116	K 33
A 10	959.574	3663.048	3647.029	3648.037	3646.021	A 32
R 11	1115.676	3532.011	3515.992	3517.000	3514.984	R 31
A 12	1186.713	3375.910	3359.891	3360.899	3358.883	A 30
K 13	1314.588	3304.873	3288.854	3289.862	3287.846	K 29
A 14	1385.845	3176.778	3160.759	3161.767	3159.751	A 28
K 15	1513.940	3105.741	3089.722	3090.730	3088.714	K 27
S 16	1600.972	2977.640	2961.621	2962.629	2960.613	S 26
R 17	1757.673	2895.614	2879.595	2879.603	2877.587	R 25
S 18	1814.305	2734.513	2718.494	2719.502	2717.486	S 24
S 19	1931.137	2647.486	2631.467	2632.475	2630.459	S 23
R 20	2087.238	2560.448	2544.430	2545.437	2543.421	R 22
A 21	2158.475	2404.347	2388.329	2389.336	2387.321	A 21
G 22	2215.297	2333.310	2317.291	2318.299	2316.284	G 20
L 23	2328.381	2278.289	2262.270	2263.278	2261.262	L 19
G 24	2458.439	2183.250	2167.231	2168.239	2166.223	G 18
F 25	2603.508	2035.148	2019.129	2020.135	2018.120	F 17
P 26	2700.550	1888.078	1872.059	1873.067	1871.051	P 16
V 27	2799.629	1791.025	1775.006	1776.014	1774.998	V 15
G 28	2896.650	1691.950	1675.938	1676.945	1674.930	G 14
R 29	3012.751	1614.935	1618.916	1619.924	1617.908	R 13
V 30	3111.820	1478.834	1462.815	1463.823	1461.807	V 12
H 31	3248.879	1379.765	1363.747	1364.755	1362.739	H 11
R 32	3404.980	1242.707	1226.688	1227.695	1225.680	R 10
L 33	3518.064	1086.605	1070.587	1071.595	1069.579	L 9
L 34	3611.148	973.521	957.503	958.510	956.495	L 8
R 35	3787.249	860.437	844.419	845.426	843.411	R 7
K 36	3815.344	764.358	748.337	749.345	747.329	K 6
G 37	3972.366	576.241	560.223	561.230	559.215	G 5
H 38	4109.424	519.220	503.201	504.209	502.193	H 4
V 39	4272.488	382.161	366.142	367.150	365.134	V 3
A 40	4343.525	219.080	203.079	204.087	202.071	A 2
E 41	4472.567	148.060	132.042	133.050	131.034	E 1

sp | P27661 | H2AX_MOUSE

SGR^{Trimethyl}_{42.05} GKTGGKARAKAKSRSSRAGLQFPVGRVHLLRKGHYAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.85
- ▶ F112503.dat
- ▶ query=q45959_p1
- ▶ precursor=895.516330
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	53.037	2237.279	2229.270	0.504	2228.766	S 41
G 2	81.547	2193.763	2185.754	0.504	2185.250	G 40
R 3	189.621	2105.253	2157.243	2157.747	2156.739	R 39
G 4	209.132	2066.179	2058.169	2058.673	2057.665	G 38
K 5	273.180	2037.568	2029.559	2030.162	2029.155	K 37
T 6	323.703	1973.620	1965.611	1966.115	1965.107	T 36
G 7	352.214	1923.097	1915.087	1915.591	1914.583	G 35
G 8	380.725	1894.580	1886.576	1887.080	1886.073	G 34
K 9	444.772	1806.075	1858.065	1858.570	1857.562	K 33
A 10	480.291	1802.028	1794.018	1794.522	1793.514	A 32
R 11	558.341	1756.509	1758.503	1759.006	1757.998	R 31
A 12	593.809	1688.459	1680.449	1680.953	1679.945	A 30
K 13	657.907	1652.940	1644.931	1645.435	1644.427	K 29
A 14	693.426	1588.892	1580.883	1581.387	1580.379	A 28
K 15	757.474	1593.374	1545.365	1545.868	1544.861	K 27
S 16	800.990	1489.126	1481.317	1481.821	1480.813	S 26
R 17	879.040	1448.910	1437.893	1438.395	1437.387	R 25
S 18	922.556	1387.780	1389.783	1389.284	1389.243	S 24
S 19	966.072	1324.244	1316.234	1316.738	1315.731	S 23
R 20	1044.123	1280.728	1272.718	1273.222	1272.215	R 22
A 21	1079.641	1202.677	1194.668	1195.172	1194.164	A 21
G 22	1108.152	1167.159	1159.149	1159.653	1158.645	G 20
L 23	1164.694	1138.048	1130.039	1131.143	1130.135	L 19
G 24	1228.723	1082.106	1074.097	1074.601	1073.593	G 18
F 25	1352.257	1018.977	1010.967	1010.571	1009.563	F 17
F 26	1350.784	944.542	936.533	937.037	936.029	F 16
V 27	1400.318	896.016	888.007	888.511	887.503	V 15
G 28	1428.829	946.482	838.473	838.976	837.969	G 14
R 29	1506.879	817.971	809.962	810.466	809.458	R 13
V 30	1554.414	739.301	731.291	731.795	731.401	V 12
H 31	1624.943	690.385	682.377	682.881	681.873	H 11
R 32	1702.994	621.857	613.848	614.351	613.344	R 10
L 33	1759.536	543.806	535.797	536.301	535.293	L 9
L 34	1816.978	487.264	479.255	479.759	478.751	L 8
R 35	1894.128	430.722	422.713	423.217	422.209	R 7
K 36	1958.176	352.972	344.963	345.466	344.458	K 6
G 37	1986.688	288.624	280.615	281.119	280.111	G 5
H 38	2055.216	260.114	252.104	252.608	251.600	H 4
Y 39	2136.746	181.584	183.575	184.079	183.071	Y 3
A 40	2172.206	110.062	102.043	102.547	101.539	A 2
E 41	2216.787	74.534	66.524	67.028	66.021	E 1

sp | P27661 | H2AX_MOUSE

SGR^{Trimethyl}_{42.05} GKTGGKARAKAKSRSSRAGLQFPVGRVHLLRKGHYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=72.85
- ▶ F112503.dat
- ▶ query=q45959_p1
- ▶ precursor=895.516330
- ▶ chargePrecursor=5
- ▶ itol=0.5

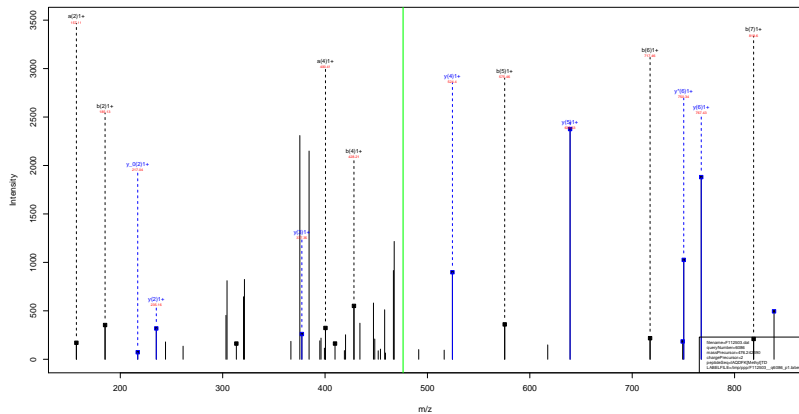
AA	c	y	#s=1	#s=2	z	AA	
S	1	35.693	1491.833	1486.516	0.872	1488.181	S[1]
G	2	54.703	1462.845	1457.505	0.672	1457.160	G[2]
R	3	130.750	1443.838	1438.490	1438.834	1438.162	R[3]
G	4	139.757	1377.788	1372.440	1372.785	1372.111	G[4]
K	5	182.455	1358.781	1353.441	1353.777	1353.105	K[5]
T	6	218.138	1338.083	1310.743	1311.079	1310.401	T[6]
G	7	235.145	1302.450	1297.081	1297.397	1296.723	G[7]
G	8	254.152	1283.931	1258.053	1258.389	1257.717	G[8]
K	9	296.651	1244.388	1239.046	1239.382	1238.710	K[9]
A	10	320.530	1201.688	1196.348	1196.684	1196.012	A[10]
R	11	372.563	1178.008	1172.660	1173.005	1172.331	R[11]
A	12	386.242	1138.379	1133.031	1133.367	1132.693	A[12]
K	13	438.941	1102.296	1096.956	1097.292	1096.618	K[13]
A	14	482.620	1059.597	1054.250	1054.584	1053.910	A[14]
K	15	505.318	1035.918	1030.570	1030.915	1030.241	K[15]
S	16	534.320	993.220	987.880	988.216	987.543	S[16]
R	17	586.362	984.200	958.870	959.206	958.534	R[17]
S	18	615.374	932.176	926.837	927.172	926.500	S[18]
S	19	644.384	883.165	877.825	878.161	877.489	S[19]
R	20	696.418	854.154	848.815	849.151	848.479	R[20]
A	21	728.097	802.121	796.781	797.117	796.445	A[21]
G	22	759.104	778.442	773.102	773.438	772.766	G[22]
L	23	776.208	759.434	754.093	754.431	753.759	L[23]
G	24	818.465	721.740	716.400	716.736	716.064	G[24]
F	25	868.507	674.054	673.714	674.050	673.378	F[25]
F	26	900.958	630.031	624.691	625.027	624.355	F[26]
V	27	933.881	597.680	592.340	592.676	592.004	V[27]
G	28	952.868	558.051	552.711	553.047	552.375	G[28]
K	29	1004.920	545.650	540.310	540.646	539.974	K[29]
V	30	1037.945	491.610	486.270	486.613	485.941	V[30]
H	31	1083.631	460.593	455.254	455.590	454.918	H[31]
R	32	1135.665	414.907	409.567	409.903	409.231	R[32]
L	33	1173.360	362.873	357.534	357.870	357.198	L[33]
L	34	1211.054	326.176	320.837	321.173	320.501	L[34]
R	35	1253.268	287.484	282.144	282.480	281.808	R[35]
K	36	1305.786	235.460	230.121	230.447	229.775	K[36]
G	37	1324.793	192.752	187.413	187.748	187.076	G[37]
H	38	1370.480	173.745	168.405	168.741	168.069	H[38]
V	39	1424.834	128.098	122.759	123.095	122.423	V[39]
A	40	1448.813	83.304	77.964	78.300	77.628	A[40]
E	41	1491.527	50.025	44.686	45.021	44.349	E[41]

sp | P27661 | H2AX_MOUSE

SGR^{Trimethyl}_{42.05} GKTGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=72.85
- ▶ F112503.dat
- ▶ query=q45959_p1
- ▶ precursor=895.516330
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	#s3	AA
S 1	217.022	1119.143	1115.139	0.765	1114.887	S 41
G 2	41.277	1097.385	1093.381	0.765	1093.129	G 40
R 3	90.814	1083.130	1079.125	1079.377	1078.873	R 39
G 4	108.070	1033.593	1029.589	1029.840	1029.130	G 38
K 5	137.093	1019.138	1015.133	1015.385	1015.081	K 37
T 6	162.255	987.314	983.309	983.561	983.061	T 36
G 7	178.811	952.052	948.047	958.299	957.795	G 35
G 8	190.856	947.797	943.792	944.044	943.540	G 34
K 9	222.890	933.541	929.537	929.788	929.285	K 33
A 10	240.649	901.511	897.513	897.765	897.261	A 32
R 11	279.674	833.735	879.753	880.005	879.502	R 31
A 12	297.438	803.728	803.728	803.980	803.477	A 30
K 13	329.457	826.974	823.969	823.221	823.717	K 29
A 14	347.217	794.950	790.945	791.197	790.693	A 28
K 15	379.240	777.191	773.186	773.438	772.934	K 27
S 16	405.998	745.167	741.162	741.414	740.910	S 26
R 17	440.024	723.409	719.404	719.656	719.152	R 25
S 18	483.792	694.384	690.379	690.631	690.127	S 24
S 19	483.540	662.626	658.621	658.873	658.369	S 23
R 20	522.595	640.868	636.863	637.115	636.611	R 22
A 21	540.324	601.842	597.837	598.090	597.586	A 21
G 22	554.580	584.083	580.078	580.330	579.826	G 20
L 23	582.813	669.826	665.821	666.073	665.571	L 19
Q 24	614.895	541.557	537.552	537.804	537.301	Q 18
F 25	651.832	500.542	506.537	505.789	505.285	F 17
F 26	678.896	472.775	468.770	469.022	468.518	F 16
V 27	700.663	448.512	444.507	444.759	444.255	V 15
G 28	724.018	422.745	418.740	419.992	419.488	G 14
R 29	753.943	409.809	405.804	405.739	405.231	R 13
V 30	778.710	370.464	366.459	366.711	366.207	V 12
H 31	812.975	345.697	341.692	341.944	341.440	H 11
R 32	852.000	311.432	307.427	307.679	307.175	R 10
L 33	880.271	272.407	268.402	268.654	268.150	L 9
L 34	895.542	244.178	240.173	240.425	239.921	L 8
R 35	947.508	215.885	211.880	212.132	211.628	R 7
K 36	979.591	176.840	172.835	173.087	172.583	K 6
G 37	993.847	144.816	140.811	141.063	140.559	G 5
H 38	1028.112	130.560	126.556	126.808	126.304	H 4
V 39	1068.837	96.296	92.291	92.543	92.039	V 3
A 40	1086.637	58.130	53.925	54.177	53.673	A 2
E 41	1118.897	37.771	33.766	34.018	33.514	E 1



sp | P68433 | H31_MOUSE

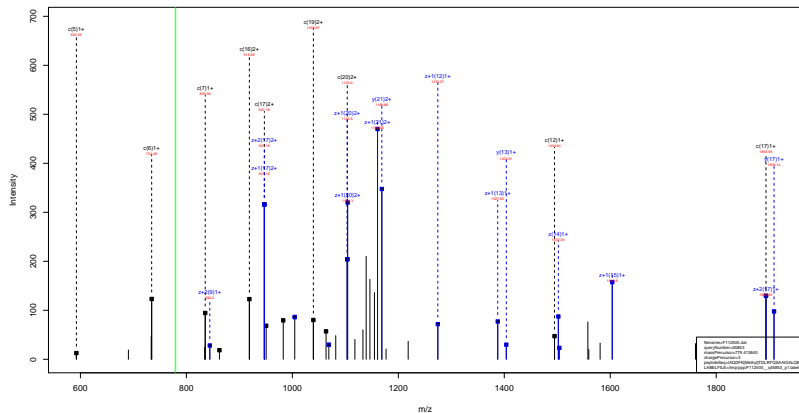
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.65
- ▶ F112503.dat
- ▶ query=q6086_p1
- ▶ precursor=476.242390
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	γ	γ^*	$\gamma\beta$	AA
T 1	86.998	0.000	0.000	114.191	0.000	0.000	961.419	919.464	223.988	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.384	821.388	652.584	A 2
Q 3	286.192	286.186	0.000	313.187	286.180	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	383.193	382.209	426.214	411.187	410.203	639.298	622.272	621.288	G 4
F 5	547.287	530.261	529.277	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	689.356	672.332	671.348	717.363	700.366	699.382	377.303	360.377	359.393	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	925.473	908.448	907.464	933.468	916.441	915.457	138.040	0.000	116.034	G 8

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} TDLRFQSAAILGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSAAGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.35
- ▶ F112505.dat
- ▶ query=q45853.p1
- ▶ precursor=779.413840
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	151.118	2336.224	2356.206	0.000	2316.188	Q 1
A 2	262.155	2223.140	2307.122	0.000	2206.114	A 20
Q 3	330.214	2152.103	2136.085	2137.062	2135.077	Q 19
D 4	485.241	2124.045	2088.028	2019.024	2007.011	Q 18
F 5	592.309	1909.018	1882.999	1894.007	1891.991	F 17
K 6	734.420	1761.948	1745.931	1746.938	1744.921	K 16
T 7	835.407	1616.836	1601.820	1604.828	1602.811	T 15
D 8	950.494	1518.791	1502.772	1503.780	1501.765	D 14
L 9	1063.578	1403.764	1387.745	1388.751	1386.735	L 13
R 10	1218.679	1296.695	1274.661	1275.669	1273.654	R 12
F 11	1366.748	1194.579	1178.560	1119.568	1117.552	F 11
Q 12	1494.806	987.511	971.492	972.500	970.484	Q 10
S 13	1561.838	859.452	843.433	844.441	842.425	S 9
A 14	1652.875	722.420	706.401	707.409	705.393	A 8
A 15	1723.913	701.361	685.342	686.352	684.336	A 7
L 16	1838.952	630.346	614.327	615.335	613.319	L 6
G 17	1894.018	517.262	501.243	502.251	500.235	G 5
A 18	1985.055	460.240	444.221	445.229	443.214	A 4
L 19	2076.119	389.203	373.184	374.192	372.177	L 3
Q 20	2206.198	276.119	260.100	261.108	259.092	Q 2
E 21	2335.240	148.060	132.042	133.050	131.034	E 1

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.35
- ▶ F112505.dat
- ▶ query=q45853.p1
- ▶ precursor=779.413840
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1168.616	1166.607	0.504	1169.103	[21]
A [2]	101.561	1112.074	1104.064	0.504	1103.561	A[20]
Q [3]	165.610	1076.555	1066.546	1069.050	1069.042	Q[19]
D [4]	223.224	1032.526	1004.517	1005.021	1004.011	D[18]
F [5]	296.658	955.013	947.003	947.507	950.497	F[17]
K [6]	367.713	881.478	871.469	873.973	872.965	K[16]
T [7]	418.237	810.423	802.414	802.918	801.910	T[15]
D [8]	475.751	759.899	751.890	752.394	751.386	D[14]
L [9]	532.293	702.366	694.376	694.880	693.872	L[13]
R [10]	610.343	646.844	637.833	638.338	637.330	R[12]
F [11]	663.578	597.793	559.784	560.288	559.280	F[11]
Q [12]	747.907	494.259	486.250	486.753	485.745	Q[10]
S [13]	791.423	430.230	422.220	422.724	421.716	S[9]
A [14]	826.941	396.714	378.704	379.208	378.200	A[8]
A [15]	802.460	351.195	343.188	343.690	342.682	A[7]
I [16]	819.002	315.676	307.667	308.171	307.163	I[6]
G [17]	947.513	259.134	251.125	251.629	250.621	G[5]
A [18]	983.031	230.624	222.614	223.118	222.110	A[4]
L [19]	1039.573	195.105	187.096	187.600	186.592	L[3]
Q [20]	1163.603	138.563	130.554	131.058	130.050	Q[2]
E [21]	1188.124	74.534	66.524	67.028	66.021	E[1]

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=53.62
- ▶ F112505.dat
- ▶ query=q45854.p1
- ▶ precursor=779.413840
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2316.088	2316.214	I 21
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2206.130	A 20
Q	139.012	282.985	0.000	113.181	289.166	0.000	2351.101	2336.074	2336.090	Q 19
D	160.219	363.193	382.239	145.214	341.197	410.263	2624.055	2607.018	2606.034	D 18
F	147.207	520.201	520.277	149.202	526.256	527.272	3469.011	3461.993	3461.007	F 17
K	168.038	572.272	631.303	171.267	600.266	609.262	3761.945	3744.923	3743.939	K 16
V	100.446	174.413	172.431	813.463	161.414	160.438	1618.938	1600.912	1601.928	V 15
D	165.473	358.436	357.452	816.441	315.441	315.457	3518.751	3501.703	3500.701	D 14
L	101.829	181.529	180.546	186.524	182.522	182.524	1461.761	1460.739	1460.754	L 13
R	117.438	117.461	118.461	120.453	118.468	119.462	1281.961	1272.894	1272.898	R 12
P	121.728	124.700	123.710	124.721	123.699	123.711	1134.979	1117.960	1116.968	P 11
G	144.030	142.029	143.174	147.169	146.191	145.169	887.511	879.504	880.500	G 10
S	153.617	152.639	151.650	154.612	153.610	154.601	859.452	842.425	841.441	S 9
A	167.054	166.072	165.081	167.064	166.072	167.058	771.920	755.901	754.898	A 8
A	167.051	166.105	165.051	167.058	166.059	166.075	701.383	684.368	683.372	A 7
I	171.978	171.439	171.460	171.970	170.944	170.959	630.346	613.319	612.319	I 6
C	168.007	161.010	161.000	167.000	166.004	166.000	517.262	501.239	499.241	C 5
A	150.034	150.030	150.021	149.029	149.032	150.030	463.262	445.254	444.258	A 4
L	101.110	101.010	101.011	101.111	101.000	101.101	389.203	372.177	371.191	L 3
Q	101.170	101.150	101.150	101.171	101.145	101.161	276.119	259.092	258.108	Q 2
E	200.219	200.199	200.200	200.214	200.187	200.200	148.990	0.000	148.990	E 1

sp | P84244 | H33_MOUSE

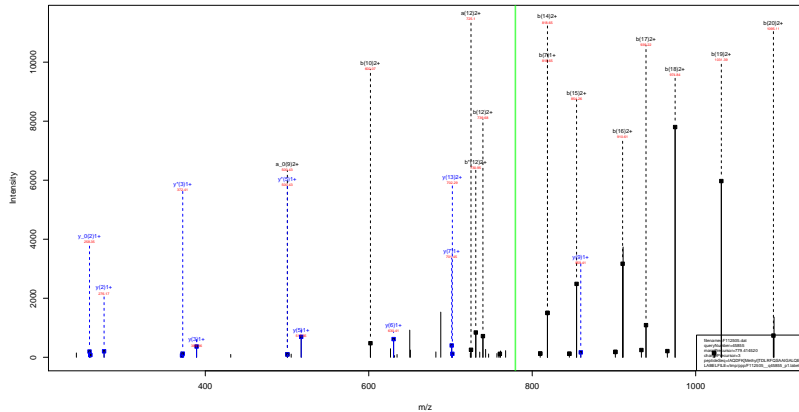
IAQDFK ^{Methyl} 14.02 TDLRFQSAAILGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=53.62
- ▶ F112505.dat
- ▶ query=q45854.p1
- ▶ precursor=779.413840
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	x	x'	x ₀	b	b'	b ₀	y	y'	y ₀	AA
H	41	502	0.509	0.504	0.504	0.504	1160.010	1160.010	1160.010	H
A	7	1670	0.509	0.504	0.504	0.504	1112.204	1110.593	1101.009	A
Q	1	143	100	10.004	10.004	10.004	1015.500	1000.004	1004.004	Q
D	4	200	102	10.004	10.004	10.004	1015.500	1000.010	1002.010	D
F	5	174	147	146.638	146.638	146.638	1015.500	1000.010	1000.010	F
K	6	145	101	100.000	100.000	100.000	1015.500	1000.010	1000.010	K
T	7	185	177	187.213	186.124	186.124	1015.500	1000.010	1000.010	T
D	8	151	100	100.000	100.000	100.000	1015.500	1000.010	1000.010	D
L	9	190	182	181.200	180.774	180.774	1015.500	1000.010	1000.010	L
M	10	187	173	178.113	176.021	176.021	1015.500	1000.010	1000.010	M
P	11	194	184	182.004	180.364	180.364	1015.500	1000.010	1000.010	P
Q	12	725	306	308.000	306.304	306.304	1015.500	1000.010	1000.010	Q
S	13	190	182	180.000	178.901	178.901	1015.500	1000.010	1000.010	S
A	14	194	178	179.811	178.424	178.424	1015.500	1000.010	1000.010	A
A	15	130	100	100.000	100.000	100.000	1015.500	1000.010	1000.010	A
I	16	195	191	187.010	187.000	187.000	1015.500	1000.010	1000.010	I
G	17	175	160	161.000	159.999	159.999	1015.500	1000.010	1000.010	G
A	18	180	174	173.000	171.518	171.518	1015.500	1000.010	1000.010	A
L	19	177	163	163.000	161.000	161.000	1015.500	1000.010	1000.010	L
Q	20	184	174	173.217	171.200	171.200	1015.500	1000.010	1000.010	Q
E	21	114	101	113.000	113.000	113.000	1015.500	1000.010	1000.010	E

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} TDLRFQSAAGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=48.98
- ▶ F112505.dat
- ▶ query=q45855_p1
- ▶ precursor=779.414520
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2319.088	2318.214	I 21
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2205.130	A 20
Q	159.012	282.985	0.000	113.181	289.166	0.000	2191.101	2176.075	2175.091	Q 19
D	160.219	303.193	382.209	120.214	311.197	410.203	2024.052	2009.026	2008.044	D 18
F	147.207	520.201	520.217	129.217	529.204	527.212	1669.011	1664.993	1664.007	F 17
K	168.098	572.212	431.203	171.207	570.204	669.202	1761.945	1744.923	1743.939	K 16
V	100.446	174.413	172.410	818.441	181.414	180.416	1618.928	1603.912	1602.928	V 15
D	165.473	358.456	357.452	818.448	361.441	315.437	1518.751	1503.735	1502.751	D 14
L	101.829	181.829	180.840	104.824	182.822	182.824	1461.704	1456.700	1455.714	L 13
R	117.458	117.451	116.461	120.453	118.456	119.462	1281.662	1272.664	1271.678	R 12
F	133.728	134.730	133.710	134.721	133.699	133.711	1134.979	1117.963	1116.968	F 11
Q	144.782	142.781	143.774	147.769	146.781	145.769	887.511	879.504	878.500	Q 10
S	120.817	121.809	120.800	124.812	123.810	124.801	859.452	842.425	841.441	S 9
A	107.254	106.252	105.243	109.246	108.242	107.240	771.928	755.901	754.898	A 8
A	116.891	116.105	115.092	117.095	116.093	116.095	701.383	684.368	683.372	A 7
D	171.978	171.408	171.160	171.970	171.944	181.980	638.346	623.319	612.310	D 6
C	148.907	143.100	143.060	147.916	147.864	152.910	517.262	508.215	499.211	C 5
A	100.034	100.030	100.021	104.025	104.022	103.018	463.242	443.214	442.230	A 4
L	103.110	103.101	103.111	104.111	104.100	104.111	389.203	372.177	371.193	L 3
Q	101.170	104.159	104.150	108.174	107.145	107.143	276.119	259.092	258.108	Q 2
E	100.219	100.210	100.201	101.214	101.187	100.201	148.980	0.000	138.959	E 1

sp | P84244 | H33_MOUSE

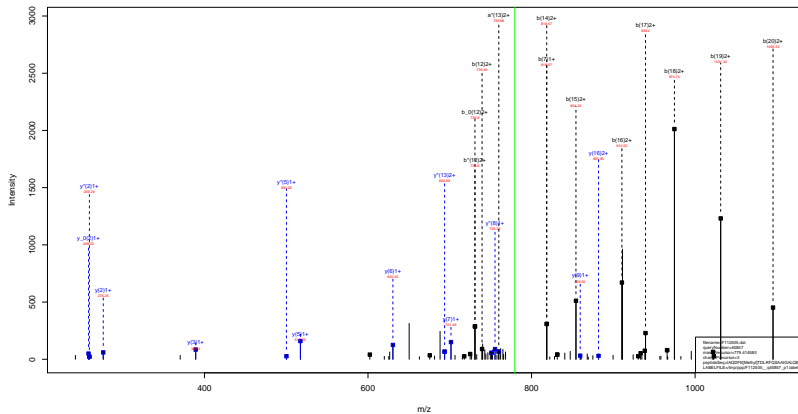
IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=48.98
- ▶ F112505.dat
- ▶ query=q45855_p1
- ▶ precursor=779.414520
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA
R1	451502	0.504	0.504	57.940	0.504	0.504	1168.610	1169.521	1169.611	R21
A1	791010	0.504	0.504	83.069	0.504	0.504	1117.014	1118.501	1119.009	A20
Q1	1431131	1.008	0.504	140.581	1.008	0.504	1019.505	1020.014	1020.501	Q10
D1	2001111	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	D10
F1	3741147	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	F11
K1	3951131	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	K10
T1	3951131	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	T10
E1	4011130	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	E10
L1	4011130	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	L10
M1	4011130	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	M10
N1	4011130	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	N10
P1	4011130	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	P10
Q1	4011130	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	Q10
S1	4011130	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	S10
V1	4011130	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	V10
A11	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	A10
A12	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	A10
I13	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	I10
C11	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	C10
A14	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	A10
L15	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	L10
G11	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	G10
L16	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	L10
Q17	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	Q10
D18	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	D10
E19	4301140	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	E10
K21	11491111	1.008	1.008	144.511	1.008	1.008	819.150	820.011	820.511	K10

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} TDLRFQSA AIGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.86
- ▶ F112505.dat
- ▶ query=q45857_p1
- ▶ precursor=779.414580
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	r	r'	r,b	AA
I	98.698	0.000	0.000	114.001	0.000	0.000	2356.225	2310.088	2310.088	I(b)
A	137.134	0.000	0.000	105.120	0.000	0.000	2221.140	2206.114	2206.114	A(b)
Q	139.012	282.985	0.000	113.181	289.166	0.000	2191.101	2176.075	2176.075	Q(b)
D	160.219	303.193	382.200	142.214	311.197	410.203	2024.050	2007.018	2006.034	D(b)
F	167.207	320.201	420.217	149.202	326.206	457.212	1989.010	1969.993	1969.007	F(b)
K	168.098	322.212	421.202	717.393	320.206	359.202	1761.940	1744.923	1743.939	K(b)
V	170.046	323.213	422.213	818.411	321.214	360.208	1619.890	1600.812	1600.828	V(b)
D	165.473	328.446	387.452	813.468	316.441	315.437	1518.751	1501.705	1500.701	D(b)
L	181.829	381.520	381.540	194.822	382.522	382.524	1461.704	1456.700	1456.704	L(b)
N	117.438	317.461	318.461	120.439	318.462	319.462	1290.960	1272.894	1272.899	N(b)
P	132.178	334.700	333.710	134.179	332.699	333.711	1134.979	1117.902	1116.908	P(b)
G	144.070	142.070	143.171	147.070	146.071	145.070	887.511	886.504	886.500	G(b)
S	152.817	152.816	153.816	154.817	154.816	154.816	859.452	842.425	841.441	S(b)
A	167.054	166.054	166.054	167.054	167.054	167.054	755.393	754.406	754.406	A(b)
A	167.054	166.105	166.105	167.054	166.105	166.105	701.383	684.356	683.372	A(b)
I	171.978	171.978	171.978	171.978	171.978	171.978	630.346	613.319	612.335	I(b)
C	168.007	167.007	167.007	168.007	167.007	167.007	517.262	500.235	489.251	C(b)
A	160.034	160.034	160.034	160.034	160.034	160.034	463.243	444.230	444.230	A(b)
L	163.110	163.110	163.110	163.111	163.110	163.110	389.203	374.171	371.191	L(b)
Q	161.170	161.170	161.170	161.171	161.170	161.170	276.119	259.092	258.108	Q(b)
E	200.219	200.219	200.219	200.219	200.219	200.219	148.990	0.000	148.990	E(b)

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=49.86
- ▶ F112505.dat
- ▶ query=q45857_p1
- ▶ precursor=779.414580
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA
R1	491592	0.504	0.504	57949	0.504	0.504	1168810	1169123	1169181	R21
A1	791070	0.504	0.504	81569	0.504	0.504	11471074	11491591	1149189	A20
Q1	1431131	1431300	0.504	1431300	1431300	1431300	11678700	11681074	11681300	Q19
L1	2001111	2001200	1431300	1431111	2001200	2001200	10191200	1019181	1019111	L18
F1	374144	3851334	385141	388141	379131	379140	981181	98141	98100	F17
K1	345121	338180	338189	3391200	339187	339195	881478	872185	872471	K16
T1	389147	389191	389191	389191	389191	389191	1019111	1019111	1019111	T15
D1	351120	444122	444125	467121	468124	438121	750189	751138	750184	D14
L1	3391182	331120	332177	315120	314174	314180	68172	681172	681180	L13
M1	387111	378111	378111	461120	388111	388111	871181	871181	871181	M12
P1	351121	352124	352125	375134	369131	369139	357179	359120	359120	P11
Q1	725136	730188	730191	739134	730180	730188	681120	681110	681120	Q10
S1	100111	760139	759167	761111	774136	773164	438120	431111	431124	S10
A1	309111	309111	309111	818128	309111	309111	309111	309111	309111	A10
A1	339189	831126	830144	851147	865111	844181	381181	381181	381181	A10
I1	339189	337111	337111	337111	910189	901170	901181	918111	907181	I10
G1	179189	179189	179189	938199	930146	930189	239114	239181	239181	G10
A1	369121	362120	365111	974111	966105	965111	239124	232111	231181	A10
L1	1111201	1108130	1108120	103100	1022147	1022105	181181	180120	180110	L10
Q1	181111	181111	181111	1095189	1088110	1088110	119111	119181	119181	Q10
R1	1149111	1137120	1139185	1139111	1131187	1132189	74134	0.504	65120	R10

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.17
- ▶ F112505.dat
- ▶ query=q47767.p1
- ▶ precursor=366.506610
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.070	2559.518	2543.499	0.000	2542.491	S[24]
G	2	204.096	2430.473	2414.457	0.000	2413.449	G[23]
R	3	360.190	2373.454	2357.435	2356.443	2356.421	R[22]
G	4	417.220	2217.353	2201.334	2202.342	2200.320	G[21]
K	5	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G	6	602.337	2032.230	2016.218	2017.225	2015.210	G[19]
G	7	659.358	1975.215	1959.196	1960.204	1958.188	G[18]
K	8	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G	9	844.475	1790.080	1774.060	1775.067	1773.072	G[16]
L	10	957.559	1733.977	1717.958	1718.966	1716.950	L[15]
G	11	1014.580	1619.963	1603.974	1604.982	1602.965	G[14]
K	12	1142.075	1562.971	1546.953	1547.960	1545.945	K[13]
G	13	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G	14	1256.718	1377.855	1361.836	1362.844	1360.828	G[11]
A	15	1327.795	1320.833	1304.815	1305.823	1303.807	A[10]
K	16	1455.850	1249.790	1233.778	1234.785	1232.770	K[9]
R	17	1613.894	1129.701	1105.683	1106.691	1104.675	R[8]
H	18	1749.030	995.620	949.582	950.589	948.574	H[7]
R	19	1905.111	828.541	812.523	813.530	811.515	R[6]
K	20	2033.206	672.440	656.422	657.429	655.414	K[5]
V	21	2132.275	544.345	528.327	529.334	527.319	V[4]
L	22	2245.359	445.277	429.258	430.266	428.250	L[3]
K	23	2443.507	332.193	316.174	317.182	315.166	K[2]
D	24	2558.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.17
- ▶ F112505.dat
- ▶ query=q47767.p1
- ▶ precursor=366.506610
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.942	1280.263	1272.253	0.504	1271.749	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.228	G[23]
H[3]	130.603	1149.213	1139.223	1179.725	1178.711	H[22]
G[4]	209.114	1059.180	1051.171	1101.675	1100.667	G[21]
K[5]	273.161	1080.669	1072.660	1073.664	1072.158	K[20]
G[6]	301.672	1016.623	1008.612	1009.116	1008.108	G[19]
G[7]	330.183	958.111	950.102	980.606	979.598	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	895.553	887.543	888.047	887.040	G[16]
L[10]	479.283	897.043	889.033	859.537	858.529	L[15]
G[11]	507.794	810.500	802.491	802.995	801.987	G[14]
K[12]	571.841	781.989	773.980	774.484	773.476	K[13]
G[13]	600.352	717.942	709.932	710.436	709.429	G[12]
G[14]	628.863	689.431	681.422	681.926	680.918	G[11]
A[15]	664.381	660.920	652.911	653.415	652.407	A[10]
K[16]	728.429	625.462	617.452	617.956	616.948	K[9]
R[17]	806.479	563.394	553.385	553.889	552.881	R[8]
H[18]	875.009	483.104	475.294	475.798	474.791	H[7]
R[19]	953.059	414.774	406.765	407.269	406.261	R[6]
K[20]	1017.107	336.724	328.714	329.218	328.211	K[5]
V[21]	1066.641	272.679	264.667	265.171	264.163	V[4]
L[22]	1123.183	223.142	215.133	215.637	214.629	L[3]
H[23]	1222.287	166.800	158.591	159.095	154.087	H[2]
D[24]	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.17
- ▶ F112505.dat
- ▶ query=q47767.p1
- ▶ precursor=366.506610
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.905	0.672	848.199	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	120.738	791.821	786.481	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	578.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.669	535.330	535.666	534.994	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	853.675	822.538	317.190	317.525	316.853	H[7]
R[19]	635.709	276.852	271.512	271.848	271.176	R[6]
K[20]	678.407	224.818	219.478	219.815	219.143	K[5]
V[21]	711.430	182.120	176.780	177.116	176.444	V[4]
L[22]	749.124	149.097	143.758	144.094	143.422	L[3]
R[23]	815.174	111.402	106.063	106.399	105.727	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=59.17
- ▶ F112505.dat
- ▶ query=q47767.p1
- ▶ precursor=366.506610
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	840.635	636.630	0.755	636.378	S[24]
G[2]	51.780	608.374	604.370	0.755	604.118	G[23]
R[3]	90.805	594.119	590.114	590.366	589.862	R[22]
G[4]	105.061	555.094	551.089	551.341	550.837	G[21]
K[5]	137.084	540.838	536.834	537.086	536.582	K[20]
G[6]	151.340	508.815	504.810	505.062	504.558	G[19]
G[7]	165.595	494.559	490.554	490.806	490.303	G[18]
K[8]	197.619	480.304	476.299	476.551	476.047	K[17]
G[9]	211.874	476.299	444.275	444.527	444.023	G[16]
L[10]	380.148	434.025	430.020	430.272	429.768	L[15]
G[11]	354.403	429.754	425.749	426.001	425.497	G[14]
K[12]	286.424	391.498	387.494	387.746	387.242	K[13]
G[13]	300.680	359.475	355.470	355.722	355.218	G[12]
G[14]	314.935	345.219	341.215	341.466	340.963	G[11]
A[15]	332.694	330.964	326.959	327.211	326.707	A[10]
K[16]	364.718	313.205	309.200	309.452	308.948	K[9]
R[17]	403.743	281.181	277.176	277.428	276.924	R[8]
H[18]	438.008	242.156	238.151	238.403	237.899	H[7]
R[19]	477.033	207.891	203.886	204.138	203.634	R[6]
K[20]	369.057	198.866	194.861	195.113	194.609	K[5]
V[21]	533.824	136.842	132.837	133.089	132.585	V[4]
L[22]	562.095	112.075	108.070	108.322	107.818	L[3]
R[23]	611.632	83.804	79.799	80.051	79.547	R[2]
D[24]	640.389	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=59.17
- ▶ F112505.dat
- ▶ query=q47767.p1
- ▶ precursor=366.506610
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	80.221	512.709	509.506	0.806	509.804	S[24]
G[2]	41.625	486.901	483.697	0.806	483.496	G[23]
R[3]	72.846	475.497	472.293	472.494	472.091	R[22]
G[4]	84.250	444.276	441.073	441.274	440.871	G[21]
K[5]	109.869	432.872	429.668	429.870	429.467	K[20]
G[6]	121.273	407.253	404.049	404.251	403.848	G[19]
G[7]	132.677	395.849	392.645	392.847	392.443	G[18]
K[8]	158.296	384.444	381.241	381.442	381.039	K[17]
G[9]	169.701	373.039	369.835	369.835	369.432	G[16]
L[10]	182.118	347.821	344.217	344.819	344.016	L[15]
G[11]	203.722	324.804	321.601	321.802	321.399	G[14]
K[12]	229.341	313.400	310.196	310.398	309.995	K[13]
G[13]	240.745	287.781	284.577	284.779	284.376	G[12]
G[14]	252.149	276.377	273.173	273.375	272.972	G[11]
A[15]	266.357	264.973	261.769	261.970	261.567	A[10]
K[16]	281.976	250.765	247.561	247.763	247.360	K[9]
R[17]	323.196	225.146	221.942	222.144	221.741	R[8]
H[18]	360.608	193.926	190.722	190.924	190.521	H[7]
R[19]	381.828	166.514	163.310	163.512	163.109	R[6]
K[20]	407.447	135.294	132.090	132.292	131.889	K[5]
V[21]	427.261	109.675	106.471	106.673	106.270	V[4]
L[22]	449.878	89.861	86.657	86.859	86.456	L[3]
R[23]	489.507	67.244	64.041	64.242	63.839	R[2]
D[24]	512.513	27.615	24.411	24.613	24.209	D[1]

sp | P62806 | H4_MOUSE

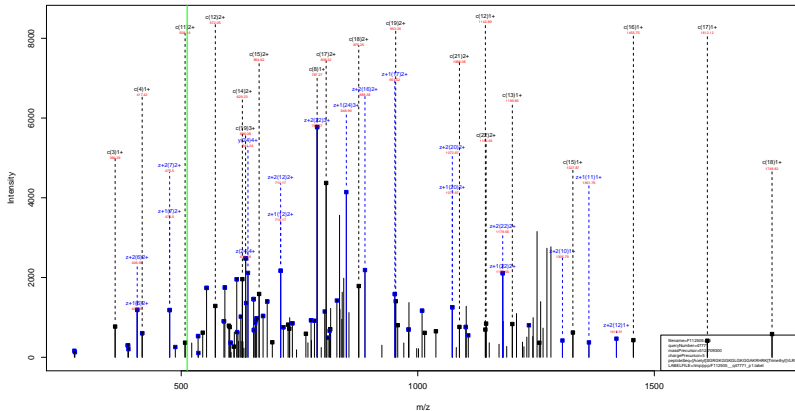
[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=59.17
- ▶ F112505.dat
- ▶ query=q47767.p1
- ▶ precursor=366.506610
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	25.352	427.426	424.756	0.839	424.588	S[24]
G[2]	34.856	405.919	403.240	0.839	403.081	G[23]
R[3]	60.873	396.415	393.745	393.913	393.577	R[22]
G[4]	70.376	370.398	367.728	367.896	367.560	G[21]
K[5]	91.725	360.895	358.225	358.393	358.057	K[20]
G[6]	101.229	339.545	336.875	337.044	336.708	G[19]
G[7]	110.732	330.042	327.372	327.540	327.204	G[18]
K[8]	132.082	320.538	317.868	318.036	317.701	K[17]
G[9]	143.585	299.189	296.519	296.687	296.351	G[16]
L[10]	150.433	299.686	287.016	287.184	286.848	L[15]
G[11]	169.936	270.838	268.168	268.336	268.000	G[14]
K[12]	191.285	261.335	258.665	258.833	258.497	K[13]
G[13]	200.789	239.985	237.315	237.484	237.148	G[12]
G[14]	210.292	230.482	227.812	227.980	227.644	G[11]
A[15]	222.132	220.978	218.308	218.476	218.141	A[10]
K[16]	243.481	209.139	206.469	206.637	206.301	K[9]
R[17]	269.498	187.790	185.120	185.288	184.952	R[8]
H[18]	292.341	161.773	159.103	159.271	158.935	H[7]
R[19]	318.358	138.930	136.260	136.428	136.092	R[6]
K[20]	339.707	112.913	110.243	110.411	110.075	K[5]
V[21]	356.219	91.564	88.894	89.062	88.726	V[4]
L[22]	375.066	75.052	72.382	72.550	72.214	L[3]
R[23]	408.091	56.205	53.535	53.703	53.367	R[2]
D[24]	427.262	23.180	20.510	20.678	20.342	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Trimethyl VLRD
42.05



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=98.76
- ▶ F112505.dat
- ▶ query=q47771_p1
- ▶ precursor=512.709300
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2509.518	2541.489	0.000	2542.491	S[24]
G	2	204.098	2430.475	2414.457	0.000	2413.449	G[23]
R	3	368.199	2373.464	2367.435	2358.443	2366.427	R[22]
G	4	417.230	2217.953	2201.334	2202.342	2200.328	G[21]
K	5	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G	6	602.337	2032.236	2016.218	2017.225	2015.210	G[19]
G	7	659.358	1975.215	1959.196	1960.204	1958.188	G[18]
K	8	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G	9	814.875	1790.098	1774.080	1775.087	1773.072	G[16]
L	10	957.559	1733.077	1717.058	1718.066	1716.050	L[15]
G	11	1014.580	1619.993	1603.974	1604.982	1602.966	G[14]
K	12	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G	13	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G	14	1256.718	1377.855	1361.836	1362.844	1360.828	G[11]
A	15	1327.795	1320.833	1304.815	1305.823	1303.807	A[10]
R	16	1435.850	1249.796	1233.778	1234.785	1232.770	R[9]
R	17	1611.951	1121.701	1105.683	1106.691	1104.675	R[8]
H	18	1749.010	985.600	949.582	950.589	948.574	H[7]
R	19	1908.111	828.541	812.523	813.530	811.515	R[6]
K	20	2075.253	672.440	656.422	657.429	655.414	K[5]
V	21	2174.322	502.298	486.280	487.287	485.272	V[4]
L	22	2287.406	403.232	387.211	388.219	386.203	L[3]
R	23	2443.507	290.146	274.127	275.135	273.119	R[2]
D	24	2538.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=98.76
- ▶ F112505.dat
- ▶ query=q47771_p1
- ▶ precursor=512.709300
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1280.263	1272.253	0.504	1271.749	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.236	G[23]
R[3]	180.603	1187.231	1179.221	1179.725	1178.717	R[22]
G[4]	209.114	1109.180	1101.171	1101.675	1100.569	G[21]
K[5]	273.161	1080.669	1072.660	1073.164	1072.158	K[20]
G[6]	301.672	1018.622	1008.612	1009.116	1008.108	G[19]
G[7]	330.183	988.111	980.102	980.606	979.598	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	898.553	887.543	888.047	887.040	G[16]
L[10]	479.293	867.042	859.033	859.537	858.529	L[15]
G[11]	507.794	810.500	802.491	802.995	801.987	G[14]
K[12]	571.841	781.989	773.980	774.484	773.476	K[13]
G[13]	600.352	717.042	709.932	710.436	709.429	G[12]
G[14]	628.863	689.431	681.422	681.926	680.918	G[11]
A[15]	664.381	660.920	652.911	653.415	652.407	A[10]
R[16]	728.429	625.402	617.392	617.896	616.889	R[9]
R[17]	806.479	501.354	553.345	553.849	552.841	R[8]
H[18]	875.009	481.304	475.294	475.798	474.791	H[7]
R[19]	953.059	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.130	336.724	328.714	329.218	328.211	K[5]
V[21]	1087.665	251.653	243.643	244.147	243.140	V[4]
L[22]	1144.207	202.119	194.109	194.613	193.605	L[3]
R[23]	1222.257	148.577	137.567	138.071	137.063	R[2]
D[24]	1279.771	67.528	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=98.76
- ▶ F112505.dat
- ▶ query=q47771.p1
- ▶ precursor=512.709300
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.109	S[24]
G[2]	58.704	810.830	805.420	0.672	805.154	G[23]
R[3]	120.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.699	G[16]
L[10]	319.858	678.364	673.024	673.360	672.688	L[15]
G[11]	338.865	540.669	535.330	535.666	534.994	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	593.976	322.538	317.199	317.535	316.863	H[7]
R[19]	635.709	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	224.818	219.478	219.815	219.143	K[5]
V[21]	725.445	168.104	162.765	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

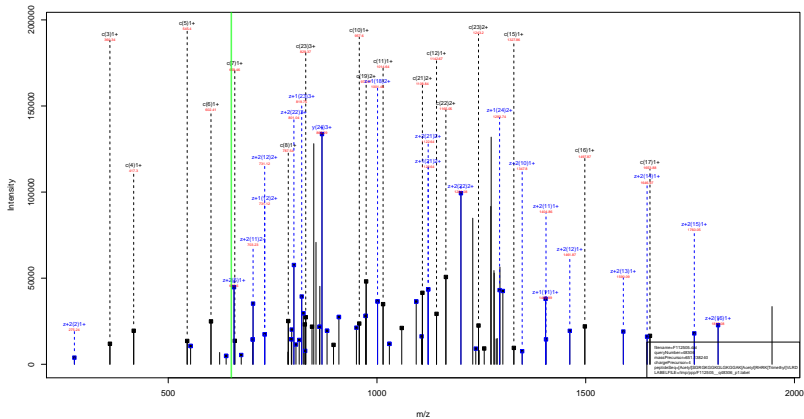
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Trimethyl}VLRD
42.05

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=98.76
- ▶ F112505.dat
- ▶ query=q47771_p1
- ▶ precursor=512.709300
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	640.635	636.630	0.755	636.178	S[24]
G[2]	51.780	508.174	604.370	0.755	604.118	G[23]
R[3]	90.805	594.119	590.114	590.366	589.862	R[22]
G[4]	105.061	555.094	551.089	551.341	550.837	G[21]
K[5]	137.084	540.838	536.834	537.086	536.582	K[20]
G[6]	151.340	508.815	504.810	505.062	504.558	G[19]
G[7]	165.595	494.559	490.554	490.806	490.303	G[18]
K[8]	197.619	480.304	476.299	476.551	476.047	K[17]
G[9]	211.874	448.280	445.275	445.527	444.023	G[16]
L[10]	280.148	434.025	430.020	430.272	429.768	L[15]
G[11]	254.401	405.754	401.749	402.001	401.497	G[14]
K[12]	286.424	391.498	387.494	387.746	387.242	K[13]
G[13]	300.680	359.475	355.470	355.722	355.218	G[12]
G[14]	314.935	345.219	341.215	341.466	340.963	G[11]
A[15]	332.694	330.964	326.959	327.211	326.707	A[10]
K[16]	364.718	313.205	309.200	309.452	308.948	K[9]
R[17]	403.743	281.181	277.176	277.428	276.924	R[8]
H[18]	438.008	242.156	238.151	238.403	237.899	H[7]
R[19]	477.033	207.891	203.886	204.138	203.634	R[6]
K[20]	519.569	168.866	164.861	165.113	164.609	K[5]
V[21]	544.336	126.330	122.325	122.577	122.073	V[4]
L[22]	572.607	101.563	97.558	97.810	97.306	L[3]
R[23]	611.632	73.292	69.287	69.539	69.035	R[2]
D[24]	640.389	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Trimethyl 42.05 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=110.80
- ▶ F112505.dat
- ▶ query=q48306_p1
- ▶ precursor=651.138240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2601.528	2585.510	0.000	2584.502	S[24]
G[2]	204.098	2472.488	2456.467	0.000	2455.450	G[23]
R[3]	350.190	2415.464	2399.445	2400.453	2398.430	R[22]
G[4]	417.230	2269.363	2243.345	2244.352	2242.337	G[21]
K[5]	545.315	2202.342	2186.323	2187.331	2185.315	K[20]
G[6]	602.337	2074.247	2058.228	2059.236	2057.220	G[19]
G[7]	659.358	2017.225	2001.207	2002.214	2000.199	G[18]
K[8]	787.453	1960.204	1944.185	1945.193	1943.177	K[17]
G[9]	844.475	1832.109	1816.080	1817.098	1815.082	G[16]
L[10]	927.559	1775.087	1759.068	1760.077	1758.061	L[15]
G[11]	1014.580	1682.003	1665.985	1646.993	1644.977	G[14]
K[12]	1142.675	1604.982	1588.963	1589.971	1587.955	K[13]
G[13]	1199.697	1476.887	1460.868	1461.876	1459.860	G[12]
G[14]	1256.718	1419.866	1403.847	1404.855	1402.839	G[11]
A[15]	1327.756	1362.844	1346.825	1347.833	1345.818	A[10]
R[16]	1409.881	1291.807	1275.788	1276.796	1274.780	R[9]
R[17]	1653.962	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1791.021	965.600	949.582	950.589	948.574	H[7]
R[19]	1947.122	828.541	812.523	813.530	811.515	R[6]
K[20]	2117.264	672.440	656.422	657.429	655.414	K[5]
V[21]	2216.332	502.298	486.280	487.287	485.272	V[4]
L[22]	2329.416	403.230	387.211	388.219	386.203	L[3]
R[23]	2485.517	298.146	274.127	275.135	273.110	R[2]
D[24]	2600.544	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRLD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=110.80
- ▶ F112505.dat
- ▶ query=q48306_p1
- ▶ precursor=651.138240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	74.642	1301.268	1293.258	0.504	1292.752	S[24]
G	2	102.553	1236.747	1228.737	0.504	1228.231	G[23]
R	3	180.603	1208.236	1203.225	1200.730	1199.723	R[22]
G	4	269.114	1139.185	1122.176	1122.680	1121.677	G[21]
K	5	273.161	1101.675	1093.665	1094.169	1093.163	K[20]
G	6	351.672	1037.627	1029.618	1030.122	1029.114	G[19]
G	7	330.183	1009.116	1001.107	1001.611	1000.603	G[18]
K	8	394.230	980.606	972.596	973.100	972.092	K[17]
G	9	422.741	916.556	908.549	909.053	908.045	G[16]
L	10	479.293	888.047	880.038	880.542	879.535	L[15]
G	11	507.794	831.505	823.496	824.000	823.992	G[14]
K	12	571.841	802.995	794.985	795.489	794.481	K[13]
G	13	600.352	738.947	730.938	731.442	730.434	G[12]
G	14	628.863	710.436	702.427	702.931	701.923	G[11]
A	15	664.361	681.926	672.917	674.420	673.412	A[10]
R	16	709.438	646.409	638.398	638.902	638.895	R[9]
R	17	827.485	561.354	553.345	553.849	552.841	R[8]
H	18	896.014	483.304	475.294	475.798	474.791	H[7]
R	19	974.065	414.774	406.765	407.269	406.261	R[6]
K	20	1058.136	336.724	328.714	329.218	328.211	K[5]
V	21	1108.870	251.663	243.653	244.157	243.150	V[4]
L	22	1165.212	202.119	194.109	194.613	193.605	L[3]
R	23	1243.262	145.577	137.567	138.071	137.063	R[2]
D	24	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

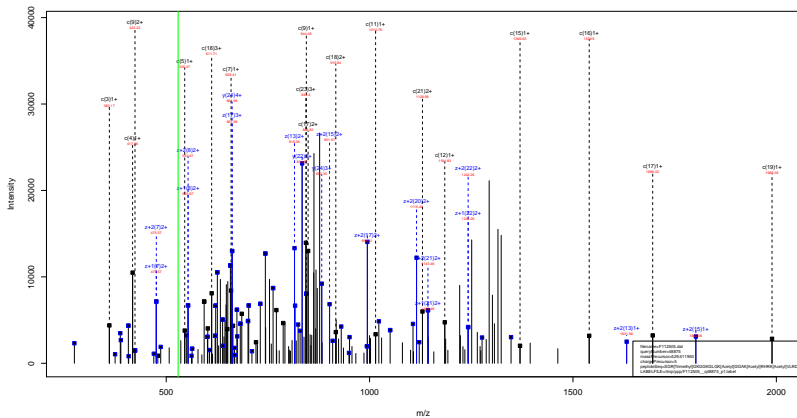
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLRLD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=110.80
- ▶ F112505.dat
- ▶ query=q48306.p1
- ▶ precursor=651.138240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	867.848	862.508	0.672	862.172	S[24]
G[2]	58.704	824.833	819.494	0.672	819.158	G[23]
R[3]	150.738	805.826	800.487	800.823	800.151	R[22]
G[4]	139.745	753.793	748.453	748.789	748.117	G[21]
K[5]	182.443	734.785	729.446	729.782	729.110	K[20]
G[6]	201.450	692.087	686.748	687.083	686.412	G[19]
G[7]	220.458	673.080	667.740	668.076	667.404	G[18]
K[8]	263.156	654.073	648.733	649.069	648.397	K[17]
G[9]	282.163	633.374	628.035	628.371	627.699	G[16]
L[10]	319.858	602.367	597.028	597.364	596.692	L[15]
G[11]	338.865	554.673	549.333	549.669	548.997	G[14]
K[12]	381.563	535.666	530.326	530.662	529.990	K[13]
G[13]	400.570	492.967	487.628	487.964	487.292	G[12]
G[14]	419.578	473.960	468.620	468.956	468.285	G[11]
A[15]	443.257	454.953	449.613	449.949	449.277	A[10]
K[16]	469.958	431.274	425.934	426.270	425.598	K[9]
R[17]	551.992	374.572	369.232	369.568	368.896	R[8]
H[18]	597.678	322.538	317.198	317.535	316.863	H[7]
R[19]	649.712	276.852	271.512	271.848	271.176	R[6]
K[20]	706.426	224.818	219.478	219.815	219.143	K[5]
V[21]	739.449	168.104	162.764	163.101	162.429	V[4]
L[22]	777.144	135.082	129.742	130.078	129.406	L[3]
R[23]	829.177	97.387	92.047	92.383	91.711	R[2]
D[24]	867.550	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Acetyl}_{42.01} VL^{Acetyl}LRD



sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Acetyl}_{42.01} VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.46
- ▶ F112505.dat
- ▶ query=q48875_p1
- ▶ precursor=529.511950
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	105.006	2043.530	2027.520	0.000	2026.512	S[24]
G	2	162.087	2556.507	2540.488	0.000	2539.480	G[23]
R	3	360.235	2490.480	2483.460	2484.475	2482.450	R[22]
G	4	417.257	2303.337	2288.330	2298.327	2284.311	G[21]
K	5	545.352	2244.310	2228.297	2220.305	2227.289	K[20]
G	6	602.373	2118.221	2100.200	2101.210	2099.194	G[19]
G	7	659.395	2059.200	2043.181	2044.189	2042.173	G[18]
K	8	787.490	2002.170	1986.150	1987.167	1985.152	K[17]
G	9	844.511	1874.063	1858.064	1859.072	1857.061	G[16]
L	10	937.509	1817.062	1801.043	1802.051	1800.035	L[15]
G	11	1014.617	1793.978	1687.950	1688.967	1686.951	G[14]
K	12	1184.722	1646.950	1630.937	1631.945	1629.930	K[13]
G	13	1241.744	1476.851	1460.830	1461.840	1459.824	G[12]
G	14	1298.765	1419.820	1403.810	1404.818	1402.803	G[11]
A	15	1369.802	1362.800	1346.789	1347.797	1345.781	A[10]
R	16	1539.908	1290.771	1275.762	1276.760	1274.744	R[9]
R	17	1696.009	1121.665	1105.646	1106.654	1104.638	R[8]
H	18	1833.088	968.564	949.545	950.553	948.537	H[7]
R	19	1989.169	828.505	812.488	813.494	811.478	R[6]
K	20	2159.274	672.404	656.385	657.393	655.377	K[5]
V	21	2258.343	502.290	486.280	487.287	485.272	V[4]
L	22	2371.427	403.230	387.211	388.219	386.203	L[3]
R	23	2527.528	290.140	274.127	275.135	273.119	R[2]
D	24	2642.595	134.045	118.020	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Acetyl}_{42.01} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.46
- ▶ F112505.dat
- ▶ query=q48875_p1
- ▶ precursor=529.511950
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	53.037	1322.273	1314.264	0.504	1313.760	S[24]
G	2	81.547	1278.757	1270.748	0.504	1270.244	G[23]
R	3	180.821	1250.240	1242.237	1242.741	1241.733	R[22]
G	4	309.332	1151.172	1143.163	1143.667	1142.659	G[21]
K	5	273.180	1122.662	1114.653	1115.156	1114.148	K[20]
G	6	301.690	1058.614	1050.605	1051.109	1050.101	G[19]
G	7	330.201	1030.103	1022.094	1022.598	1021.590	G[18]
K	8	394.248	1001.593	993.583	994.087	993.079	K[17]
G	9	422.750	937.245	929.236	930.040	929.032	G[16]
L	10	479.301	909.034	901.025	901.529	900.521	L[15]
Q	11	507.812	852.062	844.053	844.557	843.979	Q[14]
K	12	592.865	823.982	815.972	816.476	815.468	K[13]
G	13	621.375	738.029	730.920	731.423	730.415	G[12]
G	14	649.886	710.418	702.409	702.913	701.905	G[11]
A	15	685.405	681.507	673.498	674.002	673.394	A[10]
R	16	770.458	606.059	638.380	638.883	637.875	R[9]
R	17	848.508	561.136	553.327	553.831	552.823	R[8]
H	18	917.038	483.288	475.276	475.780	474.772	H[7]
R	19	995.088	414.756	406.747	407.251	406.243	R[6]
K	20	1080.141	336.706	328.696	329.200	328.192	K[5]
V	21	1129.675	251.652	243.643	244.147	243.140	V[4]
L	22	1409.917	202.119	194.110	194.613	193.605	L[3]
R	23	1594.268	145.577	137.567	138.071	137.063	R[2]
D	24	1321.781	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Acetyl}_{42.01} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.46
- ▶ F112505.dat
- ▶ query=q48875.p1
- ▶ precursor=529.511950
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	881.851	876.517	0.672	876.176	S[24]
G[2]	54.701	852.841	847.501	0.672	847.165	G[23]
R[3]	120.750	833.833	828.494	820.830	828.158	R[22]
G[4]	139.757	767.784	762.444	762.780	762.108	G[21]
K[5]	182.455	748.777	743.437	743.773	743.101	K[20]
G[6]	201.463	706.079	700.739	701.075	700.403	G[19]
G[7]	220.470	687.071	681.732	682.068	681.396	G[18]
K[8]	253.168	668.064	662.725	653.061	662.389	K[17]
G[9]	282.175	625.366	620.026	620.362	619.690	G[16]
L[10]	319.870	606.359	601.019	601.355	600.683	L[15]
G[11]	338.877	508.654	563.324	563.660	562.989	G[14]
K[12]	395.579	549.657	544.317	544.653	543.981	K[13]
G[13]	414.586	492.955	487.615	487.951	487.280	G[12]
G[14]	433.593	473.948	468.608	468.944	468.272	G[11]
A[15]	457.272	454.941	449.601	449.937	449.265	A[10]
K[16]	513.974	431.262	425.922	426.258	425.586	K[9]
R[17]	568.688	374.560	369.220	369.556	368.884	R[8]
H[18]	611.694	322.526	317.187	317.523	316.851	H[7]
R[19]	663.728	276.840	271.500	271.836	271.164	R[6]
K[20]	720.430	224.806	219.467	219.803	219.131	K[5]
V[21]	753.452	168.104	162.765	163.101	162.429	V[4]
L[22]	791.147	135.082	129.742	130.078	129.406	L[3]
R[23]	843.181	97.387	92.047	92.383	91.711	R[2]
D[24]	881.523	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Acetyl}_{42.01} VLRLD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=59.46
- ▶ F112505.dat
- ▶ query=q48875.p1
- ▶ precursor=529.511950
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	27.022	661.640	657.636	0.755	657.384	S[24]
G[2]	41.277	639.882	635.878	0.755	635.626	G[23]
R[3]	90.814	625.627	621.622	621.874	621.370	R[22]
G[4]	105.070	576.090	572.085	572.337	571.833	G[21]
K[5]	137.093	561.834	557.830	558.082	557.578	K[20]
G[6]	151.349	529.811	525.806	526.058	525.554	G[19]
G[7]	165.604	515.555	511.551	511.803	511.299	G[18]
K[8]	197.628	501.300	497.295	497.547	497.043	K[17]
G[9]	211.883	469.276	465.272	465.524	465.020	G[16]
L[10]	280.154	435.021	431.016	431.268	430.764	L[15]
G[11]	254.410	426.750	422.745	422.997	422.493	G[14]
K[12]	296.936	412.494	408.489	408.742	408.238	K[13]
G[13]	311.191	369.968	365.963	366.215	365.711	G[12]
G[14]	325.447	355.713	351.708	351.960	351.456	G[11]
A[15]	343.206	341.457	337.453	337.705	337.201	A[10]
K[16]	385.732	323.698	319.693	319.945	319.441	K[9]
R[17]	424.758	381.172	277.167	277.419	276.915	R[8]
H[18]	459.022	242.146	238.142	238.394	237.890	H[7]
R[19]	488.048	207.882	203.877	204.129	203.625	R[6]
K[20]	560.574	168.856	164.852	165.104	164.600	K[5]
V[21]	565.341	126.330	122.325	122.577	122.073	V[4]
L[22]	593.612	101.563	97.558	97.810	97.306	L[3]
R[23]	632.637	73.292	69.287	69.539	69.035	R[2]
D[24]	661.394	34.267	30.262	30.514	30.010	D[1]

sp | P68433 | H31_MOUSE

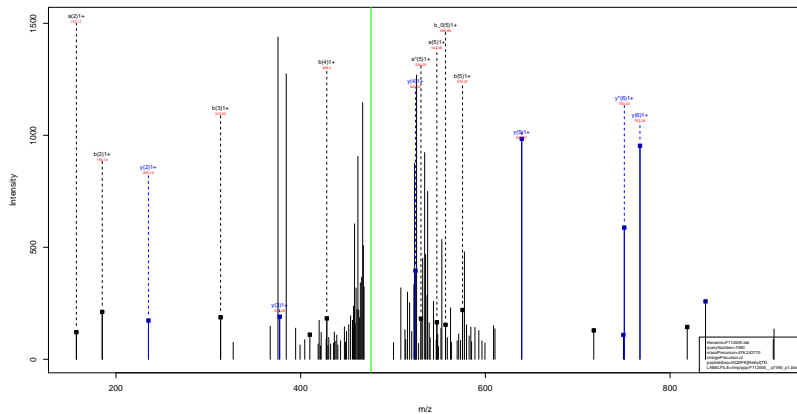
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.36
- ▶ F112505.dat
- ▶ query=q7487.p1
- ▶ precursor=476.242630
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
K 6	734.420	377.203	361.184	362.192	360.177	K 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

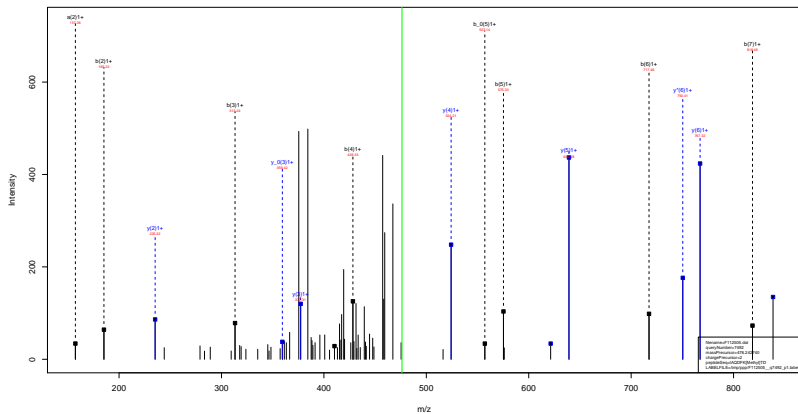
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.14
- ▶ F112505.dat
- ▶ query=q7490_p1
- ▶ precursor=476.242710
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:d	b	b*	b:d	y	y*	y:d	AA
T 1	46.098	0.000	0.000	114.093	0.000	0.000	901.416	109.406	113.989	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.354	821.366	830.384	A 2
Q 3	285.192	288.186	0.000	313.187	296.169	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	387.200	428.214	411.187	410.203	630.298	622.272	621.288	G 4
F 5	547.287	536.261	529.277	575.282	558.256	557.272	524.271	507.245	508.261	F 5
R 6	639.289	632.273	621.260	717.293	700.269	689.262	377.283	360.277	359.283	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	237.082	T 7
G 8	905.473	888.446	887.462	933.468	916.441	915.457	134.040	0.000	136.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

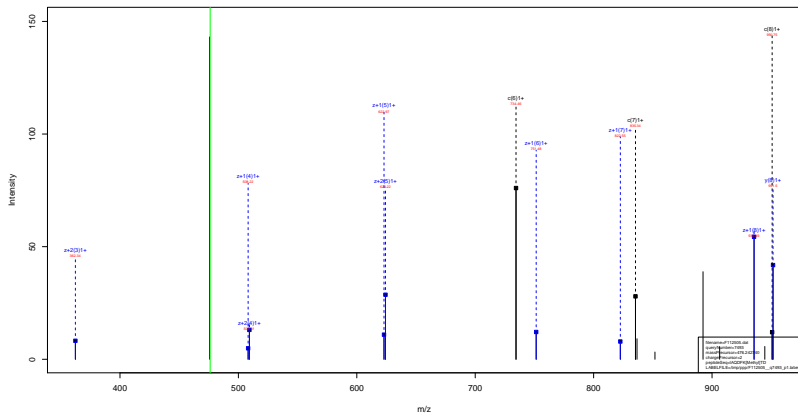
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=48.23
- ▶ F112505.dat
- ▶ query=q7492_p1
- ▶ precursor=476.242740
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a [*]	a,β	b	b [*]	b,β	γ	γ [*]	γ,β	AA
T 1	88.098	0.000	0.000	114.191	0.000	0.000	95.419	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.304	0.000	0.000	A 2
Q 3	285.192	286.186	0.000	313.187	286.186	0.000	767.357	750.330	0.000	Q 3
D 4	400.219	393.193	392.209	428.214	411.197	0.000	410.203	639.298	622.272	D 4
F 5	547.287	540.261	529.271	575.282	558.256	0.000	357.272	524.271	507.245	F 5
R 6	689.356	672.372	673.368	717.363	700.366	0.000	660.382	377.203	360.177	R 6
I 7	790.446	773.419	772.435	818.441	801.414	0.000	800.430	235.092	0.000	I 7
G 8	905.473	888.446	887.462	913.468	916.441	0.000	915.457	138.040	0.000	G 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

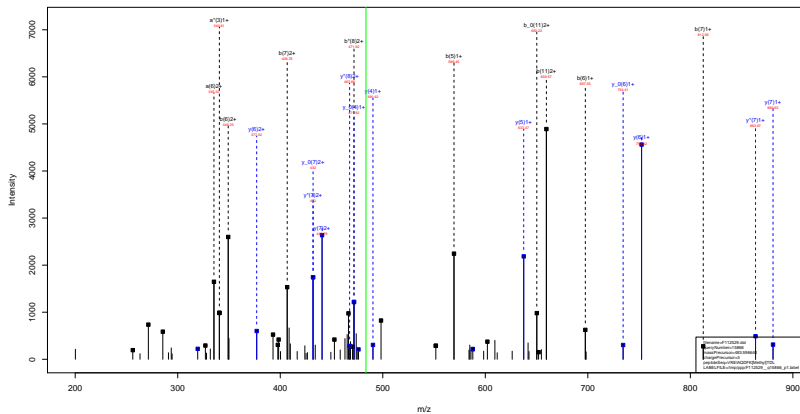
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.09
- ▶ F112505.dat
- ▶ query=q7493_p1
- ▶ precursor=476.242740
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
K 6	734.420	377.203	361.184	362.192	360.177	K 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

VREIAQDFK ^{Methyl}TDL
14.02



sp | P68433 | H31_MOUSE

VREIAQDFK ^{Methyl} 14.02 TDL

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.91
- ▶ F112529.dat
- ▶ query=q15866_p1
- ▶ precursor=483.596640
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	r	r*	rΔ	AA	
V	72.081	0.000	0.000	108.016	0.000	0.000	1448.172	1443.198	24.974	V(L)2	
R	238.487	251.105	0.000	256.177	239.130	0.000	1349.700	1332.678	17.022	R(L)1	
E	187.274	346.198	158.924	150.214	210	58.786	107.208	1103.603	1178.372	1175.904	E(L)1
T	478.369	453.252	-25.117	406.303	488.277	81.974	609.203	1098.908	1044.538	54.370	T(L)1
A	241.246	208.239	-32.997	568.341	252.314	551.330	951.478	954.482	1031.668	1031.668	A(L)1
Q	388.614	652.378	263.764	697.359	388.273	0.000	880.441	863.415	16.996	Q(L)1	
D	184.431	187.462	3.031	812.426	195.668	11.237	782.362	738.268	734.212	4.048	D(L)1
F	474.208	614.473	140.265	408.492	492.408	83.916	637.356	609.323	28.033	F(L)1	
R	107.632	1086.184	1078.552	1101.605	1084.978	16.627	490.287	473.261	472.277	1.014	R(L)1
I	1174.658	1157.631	-17.027	1158.647	1202.653	43.996	1184.612	148.177	0.000	I(L)1	
D	1099.608	1072.668	-26.940	1071.661	1111.668	40.007	1099.608	261.729	0.000	D(L)1	
L	1402.198	1386.192	-16.006	1404.192	1436.194	31.992	1412.191	132.102	0.000	L(L)1	

sp | P68433 | H31_MOUSE

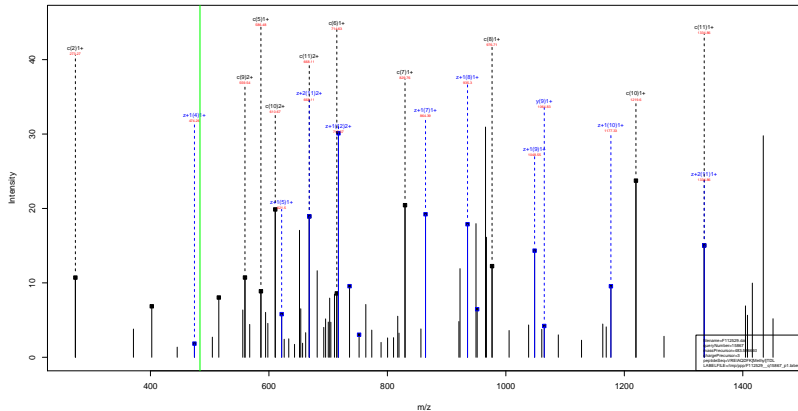
VREIAQDFK ^{Methyl} TDL
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=39.91
- ▶ F112529.dat
- ▶ query=q15866_p1
- ▶ precursor=483.596640
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
V[1]	36.544	0.504	0.504	50.541	0.504	0.504	724.891	718.378	715.886	V[12]
R[2]	114.595	109.091	0.509	128.592	123.079	0.504	676.397	668.843	666.351	R[11]
E[3]	179.116	170.603	170.111	191.113	184.600	184.108	587.395	588.791	588.301	E[10]
T[4]	238.638	229.125	228.631	249.635	243.122	242.630	512.393	528.211	525.719	T[9]
A[5]	271.176	262.663	262.171	285.174	278.661	278.169	476.243	467.729	467.237	A[8]
Q[6]	315.206	326.692	326.200	349.203	340.690	340.198	440.724	432.211	431.719	Q[7]
D[7]	392.710	384.197	383.714	406.717	398.203	397.711	376.695	368.182	367.690	D[6]
F[8]	466.253	457.740	457.258	480.251	471.738	471.245	315.181	310.668	310.176	F[5]
K[9]	537.809	528.295	528.803	551.306	542.793	542.301	245.647	237.134	236.642	K[4]
I[10]	587.833	579.319	578.827	601.830	593.317	592.825	178.599	0.504	185.091	I[3]
G[11]	645.146	636.633	636.141	659.144	650.631	650.138	124.000	0.504	115.000	G[2]
L[12]	701.668	693.155	692.663	714.666	706.152	705.660	68.500	0.504	0.504	L[1]

sp | P68433 | H31_MOUSE

VREIAQDFK ^{Methyl} TDL
14.02



sp | P68433 | H31_MOUSE

VREIAQDFK ^{Methyl} TDL
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.67
- ▶ F112529.dat
- ▶ query=q15867_p1
- ▶ precursor=483.596640
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
V [1]	117.102	1448.774	1432.756	0.000	1431.748	V [12]
R [2]	273.203	1349.705	1333.687	1334.695	1332.679	R [11]
E [3]	402.246	1191.655	1177.586	1176.594	1175.597	E [10]
I [4]	515.130	1064.562	1048.544	1049.551	1047.530	I [9]
A [5]	586.367	951.478	935.459	936.467	934.452	A [8]
Q [6]	714.426	889.441	864.422	865.430	863.415	Q [7]
D [7]	829.453	752.382	736.364	737.372	735.356	D [6]
T [8]	978.521	677.366	621.337	622.345	620.329	T [5]
K [9]	1118.632	600.287	474.208	475.220	473.261	K [4]
V [10]	1219.679	448.177	352.158	353.166	351.150	V [13]
D [11]	1334.706	247.120	231.110	232.118	230.102	D [9]
L [12]	1447.790	132.102	116.083	117.091	115.075	L [0]

sp | P68433 | H31_MOUSE

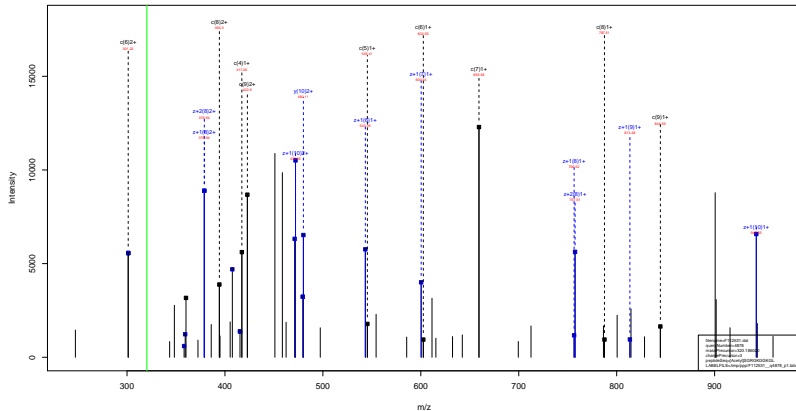
VREIAQDFK ^{Methyl} TDL
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.67
- ▶ F112529.dat
- ▶ query=q15867_p1
- ▶ precursor=483.596640
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
V[1]	59.095	724.891	716.881	0.504	716.376	V[12]
R[2]	137.105	675.357	667.347	667.851	666.843	R[11]
E[3]	201.627	597.306	589.297	589.801	588.793	E[10]
I[4]	258.169	532.785	524.775	525.279	524.271	I[9]
A[5]	293.687	476.243	468.233	468.737	467.729	A[8]
Q[6]	357.716	440.724	432.715	433.219	432.211	Q[7]
D[7]	415.230	376.695	368.686	369.189	368.182	D[6]
F[8]	488.764	319.181	311.172	311.676	310.668	F[5]
K[9]	559.819	245.647	237.638	238.142	237.134	K[4]
*[10]	610.343	174.592	166.583	167.086	166.079	*[3]
D[11]	667.857	124.026	116.020	116.563	115.555	D[2]
L[12]	724.309	66.555	58.545	59.049	58.041	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.20
- ▶ F112531.dat
- ▶ query=q4878_p1
- ▶ precursor=320.186020
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	958.943	942.524	0.000	941.516	S[10]
G[2]	204.098	829.500	813.482	0.000	812.474	G[9]
R[3]	360.199	772.479	756.460	757.468	755.452	R[8]
G[4]	417.220	616.378	600.359	601.367	599.351	G[7]
K[5]	545.315	359.356	543.337	544.345	542.330	K[6]
G[6]	602.337	431.263	415.243	416.250	414.235	G[5]
G[7]	659.358	374.240	358.221	359.229	357.213	G[4]
K[8]	787.453	317.218	301.200	302.207	300.192	K[3]
G[9]	844.475	189.123	173.105	174.112	172.097	G[2]
L[10]	957.559	132.102	116.083	117.091	115.075	L[1]

sp | P62806 | H4_MOUSE

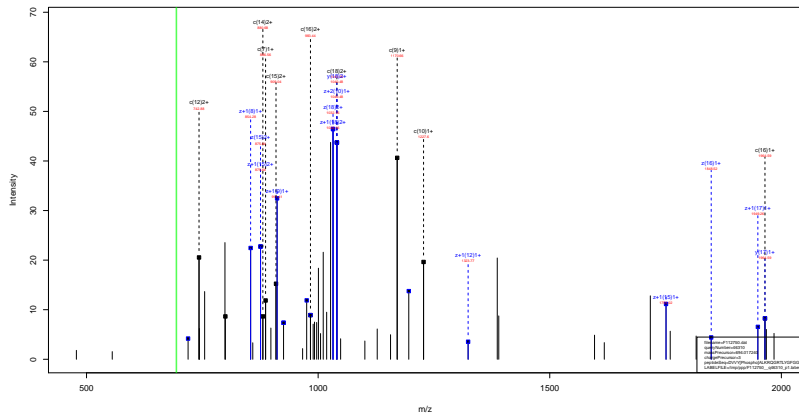
[Acetyl]SGRGKGGKGL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.20
- ▶ F112531.dat
- ▶ query=q4878_p1
- ▶ precursor=320.186020
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	479.775	471.766	0.504	471.262	S[10]
G[2]	102.553	415.254	407.244	0.504	406.740	G[9]
R[3]	180.603	386.743	378.734	379.238	378.230	R[8]
Q[4]	209.114	308.692	300.683	301.187	300.179	Q[7]
K[5]	273.161	280.182	272.172	272.676	271.668	K[6]
G[6]	301.672	216.134	208.125	208.629	207.621	G[5]
G[7]	330.183	187.624	179.614	180.118	179.110	G[4]
K[8]	394.230	139.114	131.103	131.607	130.600	K[3]
G[9]	422.741	95.065	87.056	87.560	86.552	G[2]
L[10]	479.283	56.555	58.545	59.049	58.041	L[1]

sp | P62806 | H4_MOUSE

DVVY^{Phospho}_{79.97} ALKRQGR^{TLYG}FGG



sp | P62806 | H4_MOUSE

DVVY^{Phospho}_{79.97} ALKRQGRTLYGFGG

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.48
- ▶ F112750.dat
- ▶ query=q46310_p1
- ▶ precursor=694.017240
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	133.061	2080.938	2054.030	0.000	2063.011	D[10]
V[2]	232.129	1965.011	1948.992	0.000	1947.984	V[17]
V[3]	331.198	1865.942	1840.923	0.000	1848.916	V[16]
Y[4]	574.227	1766.874	1750.855	0.000	1749.847	Y[15]
A[5]	685.264	1523.844	1507.825	0.000	1505.810	A[14]
L[6]	798.308	1452.807	1436.789	0.000	1435.780	L[13]
R[7]	886.443	1330.723	1323.704	1324.712	1322.696	R[12]
R[8]	1042.545	1211.628	1195.609	1196.617	1194.601	R[11]
Q[9]	1170.603	1095.527	1090.509	1040.516	1038.500	Q[10]
G[10]	1227.625	927.468	911.450	912.457	910.442	G[0]
R[11]	1363.728	870.447	854.428	855.436	853.420	R[6]
T[12]	1484.773	714.340	698.327	699.335	697.319	T[7]
L[13]	1597.857	613.298	597.279	598.287	596.271	L[0]
Y[14]	1780.921	500.214	484.195	485.203	483.187	Y[5]
G[15]	1817.982	337.151	321.132	322.140	320.124	G[4]
F[16]	1965.011	280.129	264.110	265.118	263.103	F[3]
G[17]	2021.037	133.061	117.042	118.050	116.034	G[2]
G[18]	2079.054	76.036	60.021	61.028	59.013	G[1]

sp | P62806 | H4_MOUSE

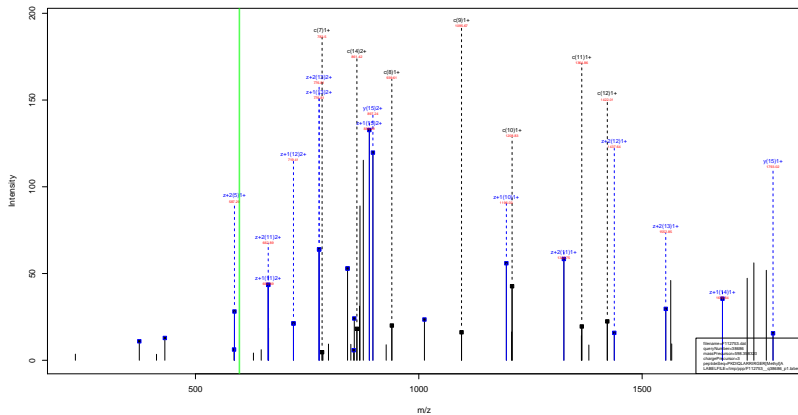
DVVY^{Phospho}_{79.97} ALKRQGRTLYGFGG

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.48
- ▶ F112750.dat
- ▶ query=q46310.p1
- ▶ precursor=694.017240
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D ¹	67.034	1040.522	1032.513	0.504	1032.009	D ¹⁰
V ²	116.566	983.009	975.000	0.504	974.496	V ¹⁷
V ³	166.102	933.475	925.465	0.504	924.961	V ¹⁶
Y ⁴	267.617	883.941	875.931	0.504	875.427	Y ¹⁵
A ⁵	313.136	762.428	754.419	0.504	753.912	A ¹⁴
L ⁶	379.672	725.907	718.898	0.504	718.394	L ¹³
R ⁷	443.725	676.395	662.396	662.890	661.882	R ¹²
R ⁸	521.776	606.318	596.308	596.812	597.804	R ¹¹
Q ⁹	565.805	528.267	520.258	520.762	519.754	Q ¹⁰
G ¹⁰	614.316	464.238	456.228	456.732	455.725	G ⁹
R ¹¹	667.366	435.227	427.218	428.222	427.214	R ⁸
L ¹²	742.890	357.670	349.667	350.171	349.163	L ⁷
L ¹³	799.432	307.153	299.143	299.647	298.639	L ⁶
V ¹⁴	880.964	250.611	242.601	243.105	242.097	V ⁵
G ¹⁵	909.475	169.070	161.070	161.574	160.566	G ⁴
F ¹⁶	983.009	140.568	132.559	133.063	132.059	F ³
G ¹⁷	1011.520	67.034	59.025	59.529	58.521	G ²
G ¹⁸	1040.030	38.523	30.514	31.018	30.013	G ¹

sp | P68433 | H31_MOUSE

PKDIQLARRIRGER^{Methyl} A
14.02



sp | P68433 | H31_MOUSE

PKDIQLARRIRGER ^{Methyl} A
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.22
- ▶ F112753.dat
- ▶ query=q38686.p1
- ▶ precursor=598.358320
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1781.862	1777.651	0.000	1776.511	P[15]
K[2]	243.182	1696.050	1679.990	1680.998	1675.982	K[14]
D[3]	358.208	1567.914	1551.895	1552.903	1550.987	D[13]
I[4]	471.293	1452.887	1436.868	1437.876	1435.960	I[12]
Q[5]	599.351	1339.803	1323.784	1324.792	1322.776	Q[11]
L[6]	727.436	1221.744	1195.726	1196.733	1194.718	L[10]
A[7]	783.472	1098.660	1082.642	1083.649	1081.634	A[9]
R[8]	939.573	1027.623	1011.604	1012.612	1010.597	R[8]
R[9]	1095.675	871.522	855.503	856.511	854.496	R[7]
I[10]	1268.759	715.421	699.402	700.410	698.394	I[6]
R[11]	1364.860	602.317	586.318	587.326	585.310	R[5]
G[12]	1421.881	446.216	430.217	431.225	429.209	G[4]
E[13]	1550.924	389.214	373.216	374.203	372.188	E[3]
R[14]	1721.041	280.172	264.153	265.161	263.145	R[2]
A[15]	1782.078	90.085	74.036	75.044	73.028	A[1]

sp | P68433 | H31_MOUSE

PKDIQLARRIRGER^{Methyl} A
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.22
- ▶ F112753.dat
- ▶ query=q38686.p1
- ▶ precursor=598.358320
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	897.034	809.025	0.504	888.521	P[15]
K[2]	122.094	848.508	840.499	841.003	839.995	K[14]
D[3]	179.608	784.461	776.451	776.955	775.947	D[13]
T[4]	236.150	726.947	718.938	719.442	718.434	T[12]
Q[5]	300.179	670.405	662.396	662.900	661.892	Q[11]
L[6]	358.221	606.376	598.369	598.873	597.865	L[10]
A[7]	392.240	549.834	541.824	542.328	541.321	A[9]
R[8]	470.290	514.315	506.306	506.810	505.802	R[8]
R[9]	548.341	436.265	428.255	428.759	427.751	R[7]
I[10]	604.883	358.214	350.205	350.709	349.701	I[6]
R[11]	682.933	301.672	293.663	294.167	293.159	R[5]
G[12]	711.444	223.622	215.612	216.116	215.108	G[4]
E[13]	775.966	195.111	187.101	187.605	186.598	E[3]
R[14]	861.024	130.589	122.580	123.084	122.076	R[2]
A[15]	896.542	45.531	37.522	38.026	37.018	A[1]

sp | P68433 | H31_MOUSE

PKDIQLARRIRGER^{Methyl} A
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.94
- ▶ F112753.dat
- ▶ query=q38687_p1
- ▶ precursor=449.020840
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
R 3	115.087	1703.062	1777.043	0.000	1776.035	R 15
K 2	243.182	1596.055	1679.990	1588.998	1678.982	K 14
D 3	358.208	1567.014	1551.895	1552.903	1550.887	D 13
I 4	471.293	1452.887	1436.869	1437.876	1435.860	I 12
Q 5	599.351	1339.803	1323.794	1324.792	1322.776	Q 11
L 6	712.435	1231.744	1195.725	1196.733	1194.718	L 10
A 7	783.472	1098.660	1082.642	1083.649	1081.634	A 9
R 8	939.573	1027.623	1011.604	1012.612	1010.597	R 8
R 9	1095.675	871.522	855.503	856.511	854.496	R 7
I 10	1208.759	715.421	699.402	700.410	698.394	I 6
R 11	1304.860	602.337	586.318	587.326	585.310	R 5
G 12	1421.801	446.236	430.217	431.225	429.209	G 4
E 13	1559.924	309.214	373.196	374.203	372.185	E 3
R 14	1721.041	200.192	304.153	245.161	243.145	R 2
A 15	1792.078	90.055	74.036	75.044	73.028	A 1

sp | P68433 | H31_MOUSE

PKDIQLARRIRGER^{Methyl} A
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.94
- ▶ F112753.dat
- ▶ query=q38687_p1
- ▶ precursor=449.020840
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	897.034	889.025	0.504	888.521	P[15]
K[2]	122.094	848.508	840.499	841.003	839.995	K[14]
D[3]	179.608	784.461	776.451	776.955	775.947	D[13]
T[4]	236.150	720.947	718.938	719.442	718.434	T[12]
Q[5]	303.179	670.405	662.396	662.900	661.892	Q[11]
L[6]	359.721	606.376	598.368	598.870	597.863	L[10]
A[7]	392.240	549.834	541.824	542.328	541.321	A[9]
R[8]	470.290	514.315	506.306	506.810	505.802	R[8]
R[9]	548.341	436.265	428.255	428.759	427.751	R[7]
I[10]	604.883	358.214	350.205	350.709	349.701	I[6]
R[11]	682.933	301.672	293.663	294.167	293.159	R[5]
G[12]	711.444	223.622	215.612	216.116	215.108	G[4]
E[13]	775.966	195.111	187.101	187.605	186.598	E[3]
R[14]	861.024	130.589	122.580	123.084	122.076	R[2]
A[15]	898.542	45.531	37.522	38.026	37.018	A[1]

sp | P68433 | H31_MOUSE

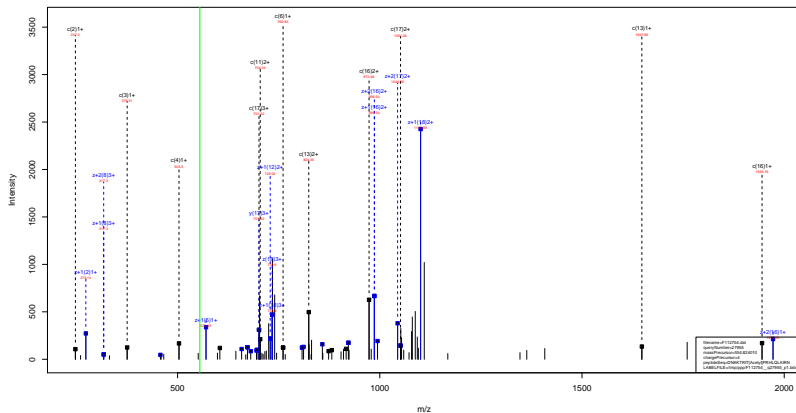
PKDIQLARRIRGER ^{Methyl} A
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.94
- ▶ F112753.dat
- ▶ query=q38687_p1
- ▶ precursor=449.020840
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	30.034	598.359	593.019	0.672	592.683	P[15]
K[2]	81.732	596.008	560.668	561.064	560.332	R[14]
D[3]	120.074	523.309	517.970	518.306	517.634	D[13]
T[4]	157.769	484.967	479.628	479.964	479.292	I[12]
Q[5]	200.455	447.272	441.933	442.269	441.597	Q[11]
L[6]	238.150	404.586	399.247	399.583	398.911	L[10]
A[7]	281.829	366.892	361.553	361.888	361.216	A[9]
R[8]	313.563	343.213	337.873	338.209	337.537	R[8]
R[9]	365.896	291.179	285.839	286.175	285.503	R[7]
I[10]	403.591	239.145	233.806	234.142	233.470	I[6]
R[11]	455.625	201.450	196.111	196.447	195.775	R[5]
G[12]	474.632	149.617	144.077	144.413	143.741	G[4]
E[13]	517.646	130.410	125.070	125.406	124.734	E[3]
R[14]	574.352	87.395	82.056	82.392	81.720	R[2]
A[15]	998.031	30.690	25.350	25.686	25.014	A[1]

tr | Q8CGP4 | Q8CGP4_MOUSE

DNKKTRIT Acetyl PRHLQLAIRN
42.01



tr | Q8CGP4 | Q8CGP4_MOUSE

DNKKTRIT^{Acetyl}PRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.00
- ▶ F112754.dat
- ▶ query=q27955.p1
- ▶ precursor=554.824010
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	133.061	2216.273	2200.255	0.000	2109.247	D[18]
N[2]	247.104	2101.247	2085.229	2069.216	2084.220	N[17]
K[3]	375.199	1987.204	1971.185	1972.193	1970.177	K[16]
K[4]	503.294	1859.109	1843.090	1844.098	1842.082	K[15]
T[5]	604.341	1731.014	1714.995	1716.003	1713.987	T[14]
R[6]	760.442	1620.960	1611.947	1614.955	1612.939	R[13]
I[7]	873.526	1473.805	1457.846	1458.854	1456.838	I[12]
T[8]	1016.585	1360.781	1344.762	1345.770	1343.754	T[11]
F[9]	1113.637	1217.723	1201.704	1202.712	1200.696	F[10]
R[10]	1269.739	1120.670	1104.651	1105.659	1103.643	R[9]
H[11]	1406.798	984.560	948.539	949.558	947.542	H[8]
L[12]	1519.882	829.510	811.491	812.499	810.483	L[7]
Q[13]	1647.940	714.420	698.407	699.415	697.399	Q[6]
L[14]	1761.024	588.367	570.348	571.356	569.341	L[5]
A[15]	1832.061	473.283	457.264	458.272	456.257	A[4]
I[16]	1945.145	402.240	386.227	387.235	385.219	I[3]
R[17]	2101.247	289.162	273.143	274.151	272.135	R[2]
N[18]	2215.289	133.061	117.043	118.050	116.034	N[1]

tr | Q8CGP4 | Q8CGP4_MOUSE

DNKKTRIT^{Acetyl}PRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.00
- ▶ F112754.dat
- ▶ query=q27955.p1
- ▶ precursor=554.824010
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	1108.940	1100.631	0.604	1100.127	D[18]
N[2]	124.055	1051.127	1043.118	1043.021	1042.614	N[17]
K[3]	188.103	994.105	986.096	986.000	985.592	K[16]
K[4]	252.150	930.050	922.049	922.552	921.545	K[15]
T[5]	302.674	866.010	858.001	856.995	857.497	T[14]
R[6]	360.725	812.467	807.477	807.981	806.974	R[13]
H[7]	417.267	757.430	729.427	729.931	728.923	H[12]
T[8]	508.790	680.894	672.885	673.389	672.381	T[11]
P[9]	557.322	609.355	601.350	601.854	600.852	P[10]
R[10]	635.773	560.830	552.820	553.323	552.325	R[9]
H[11]	703.502	482.788	474.779	475.283	474.275	H[8]
L[12]	760.444	414.250	406.240	406.753	405.745	L[7]
Q[13]	824.474	357.718	349.707	350.211	349.203	Q[6]
L[14]	881.016	293.687	285.678	286.182	285.174	L[5]
A[15]	916.534	217.145	209.136	209.640	208.632	A[4]
H[16]	973.076	201.627	193.617	194.121	193.113	H[3]
R[17]	1051.127	149.085	137.075	137.579	136.571	R[2]
N[18]	1108.148	67.034	59.025	59.529	58.521	N[1]

tr | Q8CGP4 | Q8CGP4_MOUSE

DNKKTRIT^{Acetyl}PRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=35.00
- ▶ F112754.dat
- ▶ query=q27955.p1
- ▶ precursor=554.824010
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	45.025	739.429	734.090	0.672	733.754	D[18]
N[2]	83.039	701.087	695.747	696.083	695.412	N[17]
K[3]	123.736	663.073	657.733	658.069	657.397	K[16]
K[4]	168.436	620.374	615.035	613.374	614.699	K[15]
T[5]	202.119	577.676	572.336	572.672	572.001	T[14]
R[6]	254.152	543.994	538.654	538.990	538.318	R[13]
I[7]	291.847	491.960	486.620	486.956	486.284	I[12]
T[8]	339.533	454.265	448.926	449.261	448.590	T[11]
P[9]	371.884	406.579	401.239	401.575	400.904	P[10]
R[10]	423.918	374.228	368.889	369.224	368.553	R[9]
H[11]	469.604	322.194	316.855	317.191	316.519	H[8]
L[12]	507.299	276.508	271.169	271.504	270.833	L[7]
Q[13]	549.983	238.813	233.474	233.810	233.136	Q[6]
L[14]	587.680	196.127	190.788	191.124	190.452	L[5]
A[15]	611.369	158.433	153.093	153.429	152.757	A[4]
I[16]	649.053	134.753	129.414	129.750	129.078	I[3]
R[17]	701.087	97.059	91.719	92.055	91.383	R[2]
N[18]	739.101	45.025	39.686	40.021	39.350	N[1]

tr | Q8CGP4 | Q8CGP4_MOUSE

DNKKTRIT^{Acetyl}PRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.58
- ▶ F112754.dat
- ▶ query=q27956.p1
- ▶ precursor=554.824760
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	111.061	2216.271	2250.255	0.000	2199.247	D[18]
N[2]	247.104	2101.247	2085.230	2088.236	2084.230	N[17]
K[3]	375.199	1987.204	1971.185	1972.193	1970.177	K[16]
K[4]	503.294	1859.109	1843.090	1844.098	1842.082	K[15]
T[5]	604.341	1731.014	1714.995	1716.003	1713.987	T[14]
R[6]	700.454	1620.956	1613.947	1614.955	1612.939	R[13]
I[7]	873.526	1471.865	1457.846	1458.854	1456.838	I[12]
T[8]	1016.985	1360.781	1344.762	1345.770	1343.754	T[11]
P[9]	1113.637	1217.723	1201.704	1202.712	1200.696	P[10]
R[10]	1269.739	1120.610	1104.601	1105.609	1103.643	R[9]
H[11]	1408.796	964.569	948.550	949.558	947.542	H[8]
L[12]	1519.882	827.510	811.491	812.499	810.483	L[7]
Q[13]	1647.940	714.426	698.407	699.415	697.399	Q[6]
L[14]	1761.024	598.367	570.348	571.356	569.341	L[5]
A[15]	1832.061	473.283	457.264	458.272	456.257	A[4]
I[16]	1945.145	402.246	386.227	387.235	385.219	I[3]
R[17]	2101.247	289.182	273.143	274.151	272.135	R[2]
N[18]	2215.289	133.060	137.042	138.050	136.034	N[1]

tr | Q8CGP4 | Q8CGP4_MOUSE

DNKKTRIT^{Acetyl}PRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.58
- ▶ F112754.dat
- ▶ query=q27956.p1
- ▶ precursor=554.824760
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	1108.640	1100.831	0.504	1100.129	D[18]
N[2]	124.055	1051.127	1043.118	1043.621	1042.614	N[17]
K[3]	188.103	994.105	986.096	986.600	985.592	K[16]
K[4]	252.150	930.058	922.049	922.552	921.545	K[15]
T[5]	302.674	869.010	855.003	854.005	857.497	T[14]
R[6]	369.725	815.487	807.477	807.981	806.973	R[13]
I[7]	437.267	737.430	729.427	729.931	728.923	I[12]
T[8]	508.796	680.894	672.885	673.389	672.381	T[11]
F[9]	557.322	609.365	601.356	601.859	600.852	F[10]
R[10]	635.373	560.830	552.820	553.323	552.325	R[9]
H[11]	703.660	482.768	474.759	475.262	474.275	H[8]
L[12]	769.444	414.250	406.240	406.743	405.745	L[7]
Q[13]	824.474	357.710	349.707	350.211	349.203	Q[6]
L[14]	881.016	293.687	285.678	286.182	285.174	L[5]
A[15]	916.534	237.145	229.136	229.640	228.632	A[4]
I[16]	973.076	201.627	193.617	194.121	193.113	I[3]
R[17]	1051.127	145.085	137.075	137.579	136.571	R[2]
N[18]	1108.148	67.034	59.023	59.529	58.521	N[1]

tr | Q8CGP4 | Q8CGP4_MOUSE

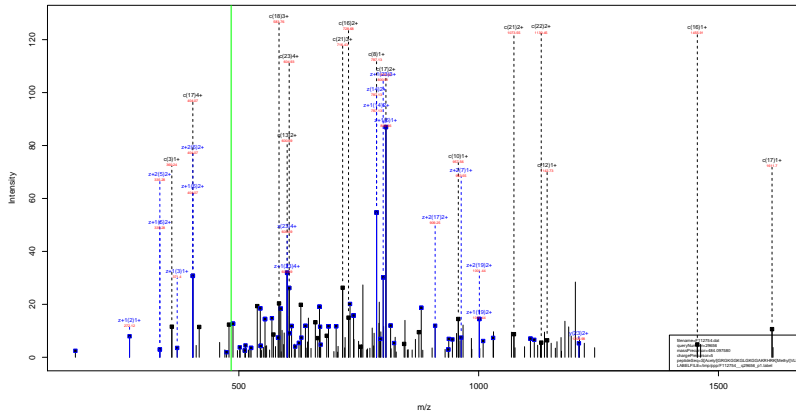
DNKKTRIT^{Acetyl}PRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=33.58
- ▶ F112754.dat
- ▶ query=q27956.p1
- ▶ precursor=554.824760
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
D	1	45.025	739.429	734.090	0.672	733.754	D ¹⁸
N	2	83.039	701.007	695.747	695.083	695.412	N ¹⁷
K	3	123.936	613.373	557.723	653.959	637.397	K ¹⁶
K	4	168.436	620.374	615.035	615.371	614.699	K ¹⁵
T	5	202.119	577.676	572.336	572.672	572.001	T ¹⁴
R	6	254.152	543.994	538.654	538.990	538.318	R ¹³
I	7	291.847	491.960	486.620	486.956	486.284	I ¹²
T	8	339.533	454.265	448.925	449.261	448.590	T ¹¹
P	9	371.884	406.579	401.239	401.575	400.904	P ¹⁰
R	10	423.918	374.228	368.889	369.224	368.553	R ⁹
H	11	469.604	322.194	316.853	317.191	316.519	H ⁸
L	12	507.299	276.508	271.169	271.504	270.833	L ⁷
Q	13	549.983	238.813	233.474	233.810	233.136	Q ⁶
L	14	587.680	196.127	190.788	191.124	190.452	L ⁵
A	15	611.369	158.433	153.093	153.429	152.757	A ⁴
I	16	649.053	134.753	129.414	129.750	129.078	I ³
R	17	701.007	97.059	91.719	92.055	91.383	R ²
N	18	739.101	45.025	39.685	40.021	39.350	N ¹

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLR
14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLR
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.07
- ▶ F112754.dat
- ▶ query=q29656.p1
- ▶ precursor=484.097580
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2416.460	2400.441	0.000	2309.433	S[23]
G[2]	204.098	2287.417	2271.398	0.000	2270.390	G[22]
R[3]	360.199	2230.390	2214.377	2215.385	2213.369	R[21]
G[4]	417.220	2074.204	2058.276	2059.284	2057.268	G[20]
K[5]	545.315	2017.273	2001.254	2002.262	2000.246	K[19]
G[6]	552.339	1889.176	1873.150	1874.157	1872.151	G[18]
G[7]	659.358	1832.157	1816.138	1817.146	1815.130	G[17]
K[8]	787.453	1775.135	1759.116	1760.124	1758.109	K[16]
G[9]	844.475	1647.040	1631.021	1632.029	1630.014	G[15]
L[10]	957.559	1590.019	1574.000	1575.008	1572.992	L[14]
G[11]	1014.580	1476.935	1460.916	1461.924	1459.908	G[13]
K[12]	1142.675	1419.913	1403.894	1404.902	1402.887	K[12]
G[13]	1159.697	1361.814	1345.799	1346.807	1344.792	G[11]
G[14]	1256.718	1294.797	1278.778	1279.786	1277.770	G[10]
A[15]	1327.755	1177.775	1161.757	1162.764	1160.749	A[9]
K[16]	1455.850	1106.738	1090.719	1091.727	1089.712	K[8]
R[17]	1611.951	978.643	962.624	963.632	961.617	R[7]
H[18]	1749.010	822.542	806.523	807.531	806.515	H[6]
R[19]	1826.114	685.483	669.464	670.472	668.457	R[5]
K[20]	2047.222	529.382	513.363	514.371	512.355	K[4]
V[21]	2146.290	387.271	371.253	372.261	370.245	V[3]
L[22]	2259.374	288.203	272.184	273.192	271.176	L[2]
R[23]	2415.476	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

S^{Acetyl} GRGKGGKGLGKGGAKRHRK^{Methyl} VLR
42.01 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=55.07
- ▶ F112754.dat
- ▶ query=q29656_p1
- ▶ precursor=484.097580
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1208.733	1200.726	0.504	1200.220	S[23]
G[2]	102.553	1144.212	1136.203	0.504	1135.699	G[22]
R[3]	180.603	1115.701	1107.692	1108.196	1107.188	R[21]
G[4]	209.114	1037.657	1029.647	1030.145	1029.137	G[20]
K[5]	273.161	1009.140	1001.131	1001.635	1000.627	K[19]
G[6]	301.672	945.093	937.083	937.587	936.579	G[18]
G[7]	330.183	916.582	908.573	909.076	908.069	G[17]
K[8]	394.230	888.071	880.062	880.566	879.558	K[16]
G[9]	422.741	824.024	816.014	816.518	815.510	G[15]
L[10]	479.283	795.513	787.504	788.008	787.000	L[14]
G[11]	507.704	738.971	730.962	731.465	730.458	G[13]
R[12]	571.841	710.460	702.451	702.955	701.947	R[12]
G[13]	600.352	648.413	638.403	638.907	637.899	G[11]
G[14]	628.863	617.902	609.893	610.397	609.389	G[10]
A[15]	664.381	589.391	581.382	581.886	580.878	A[9]
R[16]	728.429	551.873	543.863	544.367	545.359	R[8]
R[17]	808.479	489.826	481.817	482.320	481.312	R[7]
R[18]	875.009	413.778	403.765	404.269	403.261	R[6]
R[19]	953.059	343.248	335.236	335.740	334.732	R[5]
K[20]	1024.115	265.195	257.185	257.689	256.681	K[4]
V[21]	1073.649	194.139	186.130	186.634	185.626	V[3]
L[22]	1130.191	144.605	136.596	137.100	136.092	L[2]
R[23]	1208.241	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

S^{Acetyl} 42.01 GRGKGGKGLGKGGAKRHRK^{Methyl} VLR 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=55.07
- ▶ F112754.dat
- ▶ query=q29656.p1
- ▶ precursor=484.097580
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	806.158	800.818	0.672	800.483	S[23]
G[2]	68.704	763.144	757.854	0.672	757.468	G[22]
R[3]	120.738	744.131	738.797	739.133	738.801	R[21]
G[4]	139.745	692.103	686.763	687.099	686.427	G[20]
K[5]	182.443	573.096	667.756	668.092	667.433	K[19]
G[6]	201.450	630.398	625.058	625.394	624.722	G[18]
G[7]	220.458	611.390	606.051	606.387	605.715	G[17]
K[8]	263.156	592.383	587.044	587.380	586.708	K[16]
G[9]	282.163	549.685	544.345	544.681	544.009	G[15]
L[10]	319.658	530.678	525.338	525.674	525.002	L[14]
G[11]	338.665	492.983	487.643	487.979	487.308	G[13]
K[12]	381.163	473.976	468.630	468.972	468.300	K[12]
G[13]	400.170	431.278	425.938	426.274	425.602	G[11]
G[14]	419.178	412.270	405.931	407.267	406.595	G[10]
A[15]	443.257	393.263	387.924	388.260	387.588	A[9]
K[16]	485.955	369.584	364.245	364.581	363.909	K[8]
R[17]	537.989	326.886	321.546	321.882	321.210	R[7]
H[18]	583.675	274.852	269.513	269.849	269.177	H[6]
R[19]	635.709	229.166	223.826	224.162	223.490	R[5]
K[20]	683.079	177.132	171.793	172.129	171.457	K[4]
V[21]	716.102	129.762	124.422	124.758	124.086	V[9]
L[22]	753.796	86.739	81.400	81.736	81.064	L[2]
R[23]	803.333	39.045	33.705	34.041	33.369	R[1]

sp | P62806 | H4_MOUSE

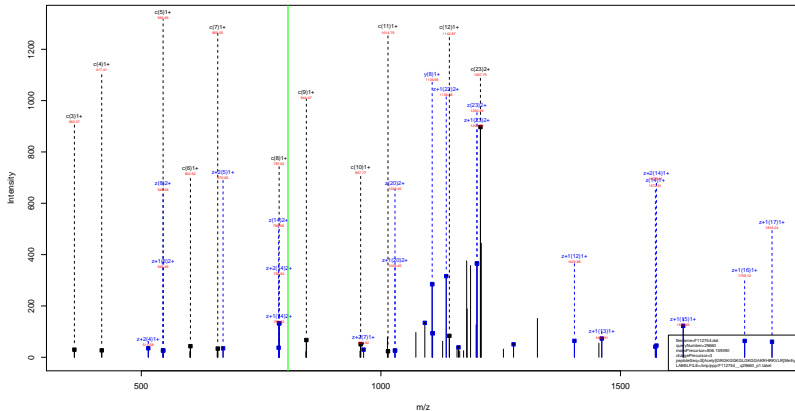
S^{Acetyl} 42.01 GRGKGGKGLGKGGAKRHRK^{Methyl} VLR 14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=55.07
- ▶ F112754.dat
- ▶ query=q29656.p1
- ▶ precursor=484.097580
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	37.525	604.870	600.866	0.755	600.614	S[23]
G	[2]	51.780	572.610	568.605	0.755	568.353	G[22]
R	[3]	60.805	558.394	554.350	554.602	554.098	R[21]
G	[4]	105.061	319.329	313.324	313.576	313.072	G[20]
K	[5]	137.084	505.074	501.069	501.321	500.817	K[19]
G	[6]	151.340	473.050	469.045	469.297	468.793	G[18]
G	[7]	165.595	458.795	454.790	455.042	454.538	G[17]
K	[8]	197.619	444.539	440.534	440.787	440.283	K[16]
G	[9]	211.874	412.515	408.511	408.763	408.259	G[15]
L	[10]	240.145	398.260	394.255	394.507	394.003	L[14]
G	[11]	254.401	369.989	365.984	366.236	365.732	G[13]
K	[12]	286.424	355.734	351.729	351.981	351.477	K[12]
G	[13]	300.680	323.710	319.705	319.957	319.453	G[11]
G	[14]	314.935	309.455	305.450	305.702	305.198	G[10]
A	[15]	332.694	295.199	291.194	291.447	290.943	A[9]
K	[16]	364.718	277.440	273.435	273.687	273.183	K[8]
R	[17]	403.743	245.416	241.412	241.664	241.160	R[7]
H	[18]	438.008	206.931	202.926	202.638	202.134	H[6]
R	[19]	477.033	172.126	168.122	168.374	167.870	R[5]
K	[20]	512.561	133.101	129.096	129.348	128.844	K[4]
V	[21]	537.328	97.573	93.569	93.821	93.317	V[9]
L	[22]	553.399	72.306	68.302	68.554	68.050	L[8]
R	[23]	604.624	44.535	40.531	40.782	40.279	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Methyl 14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Methyl
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.84
- ▶ F112754.dat
- ▶ query=q29660_p1
- ▶ precursor=806.159390
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	147.076	2416.460	2420.441	0.000	2399.431	S(2)	
G	2	294.098	2287.417	2271.398	0.000	2270.890	G(2)
R	3	360.199	2230.396	2214.377	2215.385	2213.369	R(2)
G	4	417.220	2074.294	2058.276	2059.284	2057.268	G(2)
K	5	545.315	2017.273	2001.254	2002.262	2000.246	K(1)
G	6	602.337	1859.170	1843.150	1844.159	1842.143	G(1)
G	7	659.358	1802.157	1816.138	1817.146	1815.130	G(1)
K	8	787.453	1745.135	1759.116	1760.124	1758.108	K(1)
G	9	844.475	1687.040	1631.021	1632.029	1630.014	G(1)
L	10	957.559	1590.019	1574.000	1575.008	1572.992	L(1)
G	11	1014.580	1478.935	1468.916	1469.924	1469.908	G(1)
K	12	1142.675	1419.913	1403.894	1404.902	1402.886	K(1)
G	13	1199.697	1291.818	1275.799	1276.807	1274.792	G(1)
G	14	1296.718	1234.797	1218.778	1219.786	1217.770	G(1)
A	15	1327.735	1177.775	1161.757	1162.764	1160.749	A(1)
K	16	1455.850	1106.738	1090.719	1091.727	1089.712	K(1)
R	17	1611.964	978.645	962.626	963.632	961.616	R(1)
H	18	1740.010	822.542	806.523	807.531	805.515	H(1)
R	19	1905.111	685.483	669.464	670.472	668.457	R(1)
K	20	2053.206	529.382	513.363	514.371	512.355	K(1)
V	21	2132.275	401.287	385.268	386.276	384.261	V(1)
L	22	2285.269	302.210	286.200	287.208	285.192	L(1)
R	23	2445.476	189.139	173.119	174.124	172.109	R(1)

sp | P62806 | H4_MOUSE

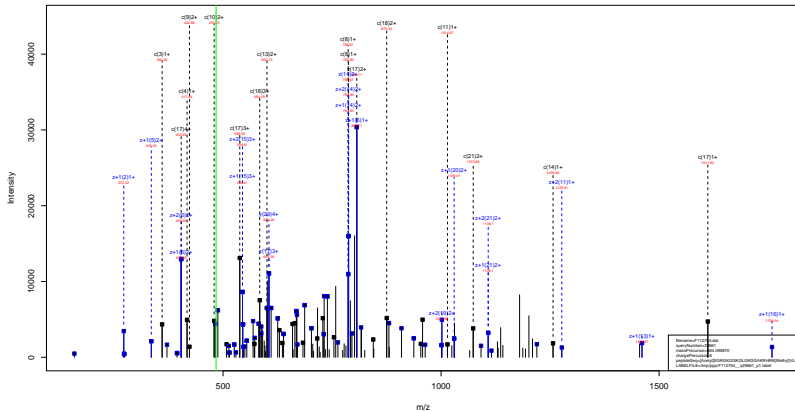
[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Methyl
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.84
- ▶ F112754.dat
- ▶ query=q29660_p1
- ▶ precursor=806.159390
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1208.733	1208.724	0.504	1200.220	S[23]
G[2]	102.553	1144.232	1136.203	0.504	1135.699	G[22]
R[3]	180.603	1115.701	1107.692	1108.196	1107.188	R[21]
G[4]	209.114	1037.051	1029.642	1030.145	1029.138	G[20]
K[5]	273.161	1009.140	1001.131	1001.635	1000.627	K[19]
G[6]	301.672	945.993	937.983	937.587	936.571	G[18]
G[7]	330.183	916.582	908.571	909.076	908.060	G[17]
K[8]	394.230	888.071	880.060	880.566	879.550	K[16]
G[9]	422.741	824.024	816.014	816.518	815.510	G[15]
L[10]	479.283	795.513	787.504	788.008	787.000	L[14]
G[11]	507.794	736.971	730.962	731.465	730.458	G[13]
R[12]	571.841	710.460	702.451	702.955	701.947	R[12]
G[13]	600.352	646.913	638.903	639.407	637.899	G[11]
G[14]	628.863	617.902	609.893	610.397	609.389	G[10]
A[15]	664.301	509.391	501.382	501.886	500.878	A[9]
K[16]	728.420	553.873	545.863	546.367	545.359	K[8]
R[17]	806.479	499.826	491.816	492.320	491.312	R[7]
R[18]	875.009	411.775	403.765	404.269	403.261	R[6]
R[19]	953.059	343.245	335.235	335.740	334.732	R[5]
K[20]	1017.107	265.195	257.185	257.689	256.681	K[4]
V[21]	1096.641	201.147	193.137	193.642	192.634	V[3]
L[22]	1173.183	151.613	143.604	144.108	143.100	L[2]
R[23]	1208.241	95.071	87.062	87.565	86.558	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLR
14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLR
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=95.37
- ▶ F112754.dat
- ▶ query=q29661_p1
- ▶ precursor=484.098870
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2416.465	2430.441	0.000	2389.431	S[23]
G[2]	304.068	2287.417	2271.398	0.000	2270.300	G[22]
R[3]	360.199	2230.396	2214.377	2215.385	2213.369	R[21]
G[4]	417.220	2074.294	2058.276	2059.284	2057.269	G[20]
K[5]	545.315	2017.272	2001.254	2002.262	2000.246	K[19]
G[6]	603.297	1889.176	1873.159	1874.167	1872.151	G[18]
G[7]	659.358	1832.157	1816.138	1817.146	1815.130	G[17]
K[8]	787.453	1775.135	1759.116	1760.124	1758.108	K[16]
G[9]	844.475	1647.040	1631.021	1632.029	1630.014	G[15]
L[10]	957.559	1590.019	1574.000	1575.008	1572.992	L[14]
G[11]	1014.580	1476.915	1460.916	1461.924	1459.908	G[13]
R[12]	1142.475	1419.913	1403.904	1404.902	1402.887	R[12]
G[13]	1199.597	1291.815	1275.799	1276.807	1274.792	G[11]
G[14]	1256.718	1234.797	1218.778	1219.786	1217.770	G[10]
A[15]	1327.795	1177.775	1161.757	1162.764	1160.749	A[0]
K[16]	1435.850	1106.738	1090.719	1091.727	1089.712	K[9]
R[17]	1611.951	978.643	962.624	963.632	961.617	R[7]
T[18]	1749.910	922.542	906.523	907.531	905.516	T[6]
R[19]	1905.111	895.483	880.464	870.472	868.457	R[5]
K[20]	2047.222	529.382	513.363	514.371	512.355	K[4]
V[21]	2146.290	387.271	371.253	372.261	370.245	V[3]
L[22]	2259.374	288.203	272.184	273.192	271.176	L[2]
R[23]	2415.476	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLR
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=95.37
- ▶ F112754.dat
- ▶ query=q29661_p1
- ▶ precursor=484.098870
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1208.753	1200.736	0.504	1200.220	S 21
G 2	102.553	1144.212	1136.203	0.504	1135.690	G 20
R 3	180.603	1115.701	1107.692	1108.196	1107.188	R 21
G 4	209.114	1037.651	1029.642	1030.145	1029.138	G 20
K 5	273.161	1059.140	1001.131	1001.635	1000.627	K 19
G 6	301.672	926.093	937.083	937.587	936.579	G 18
G 7	330.183	918.582	908.573	909.076	908.068	G 17
K 8	394.230	888.071	880.062	880.566	879.558	K 18
G 9	422.741	874.024	866.014	816.518	815.510	G 15
L 10	479.283	795.513	787.504	788.008	787.000	L 14
G 11	507.794	738.971	730.962	731.465	730.458	G 13
K 12	571.841	719.966	702.451	702.955	701.947	K 12
G 13	600.352	646.413	638.403	638.907	637.899	G 11
G 14	628.863	617.903	609.893	610.397	609.389	G 10
A 15	664.381	589.391	581.382	581.886	580.878	A 9
K 16	728.429	553.872	545.863	546.367	545.359	K 8
R 17	808.479	489.825	481.816	482.320	481.312	R 7
H 18	875.009	411.725	403.705	404.209	403.201	H 6
R 19	953.059	343.245	335.236	335.740	334.732	R 5
K 20	1024.115	265.195	257.185	257.689	256.681	K 4
V 21	1073.649	194.139	186.130	186.634	185.626	V 9
L 22	1130.191	144.065	136.055	137.060	136.052	L 3
R 23	1208.241	88.061	80.054	80.558	79.550	R 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLR
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=95.37
- ▶ F112754.dat
- ▶ query=q29661_p1
- ▶ precursor=484.098870
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	806.158	800.818	0.672	800.483	S[23]
G[2]	68.704	763.144	757.804	0.672	757.468	G[22]
R[3]	120.738	744.137	738.797	739.133	738.461	R[21]
G[4]	139.743	692.103	686.763	687.099	686.427	G[20]
K[5]	182.443	573.096	667.756	668.092	667.420	K[19]
G[6]	201.450	630.398	625.058	625.394	624.722	G[18]
G[7]	220.458	611.390	606.051	606.387	605.715	G[17]
K[8]	263.156	592.383	587.044	587.380	586.708	K[16]
G[9]	282.163	549.685	544.345	544.681	544.009	G[15]
L[10]	319.658	530.678	525.338	525.674	525.002	L[14]
G[11]	338.665	492.983	487.643	487.979	487.308	G[13]
K[12]	381.363	473.976	468.636	468.972	468.300	K[12]
G[13]	400.370	431.278	425.938	426.274	425.602	G[11]
G[14]	419.378	412.270	406.931	407.267	406.595	G[10]
A[15]	443.257	393.263	387.924	388.260	387.588	A[9]
K[16]	485.955	369.584	364.245	364.581	363.909	K[8]
R[17]	537.989	326.886	321.546	321.882	321.210	R[7]
H[18]	583.675	274.852	269.513	269.849	269.177	H[6]
R[19]	635.709	229.166	223.826	224.162	223.490	R[5]
K[20]	683.079	177.132	171.793	172.129	171.457	K[4]
V[21]	716.102	129.762	124.422	124.758	124.086	V[9]
L[22]	753.796	86.739	81.400	81.736	81.064	L[2]
R[23]	863.333	39.043	33.703	34.041	33.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLR
14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=95.37
- ▶ F112754.dat
- ▶ query=q29661_p1
- ▶ precursor=484.098870
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	37.525	604.870	600.866		0.755	600.614 S[2]
G	[2]	51.780	572.610	568.605		0.755	568.353 G[2]
R	[3]	60.805	558.394	554.350	554.602		554.098 R[2]
G	[4]	105.061	319.329	313.324	313.576		515.072 G[20]
K	[5]	137.084	505.074	501.069	501.321		500.017 K[19]
G	[6]	151.340	473.050	469.045	469.297		468.793 G[18]
G	[7]	165.595	458.795	454.790	455.042		454.538 G[17]
K	[8]	197.619	444.539	440.534	440.787		440.283 K[16]
G	[9]	211.874	412.515	408.511	408.763		408.259 G[15]
L	[10]	240.145	398.260	394.255	394.507		394.003 L[14]
G	[11]	254.401	369.989	365.984	366.236		365.732 G[13]
K	[12]	286.424	355.734	351.729	351.981		351.477 K[12]
G	[13]	300.680	323.710	319.705	319.957		319.453 G[11]
G	[14]	314.935	309.455	305.450	305.702		305.198 G[10]
A	[15]	332.694	295.199	291.194	291.447		290.943 A[9]
R	[16]	364.718	277.440	273.435	273.687		273.183 R[8]
R	[17]	403.743	245.416	241.412	241.664		241.160 R[7]
H	[18]	438.008	206.931	202.926	202.638		202.134 H[6]
R	[19]	477.033	172.126	168.122	168.374		167.870 R[5]
K	[20]	512.561	133.101	129.096	129.348		128.844 K[4]
V	[21]	537.328	97.573	93.569	93.821		93.317 V[9]
L	[22]	563.599	72.306	68.302	68.554		68.050 L[2]
R	[23]	604.624	44.535	40.531	40.782		40.279 R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl} K ^{Methyl} VLR
 14.02 14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.67
- ▶ F112754.dat
- ▶ query=q29801_p1
- ▶ precursor=405.918130
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2430.475	2414.457	0.000	2413.440	S[2]
G[2]	204.098	2301.433	2285.414	0.000	2284.406	G[2]
R[3]	360.199	2244.411	2228.392	2229.400	2227.385	R[2]
G[4]	417.220	2088.310	2072.291	2073.299	2071.284	G[2]
K[5]	545.315	2031.289	2015.270	2016.278	2014.262	K[10]
G[6]	602.337	1903.194	1887.175	1888.183	1886.167	G[18]
G[7]	659.358	1846.172	1830.153	1831.161	1829.146	G[17]
K[8]	787.453	1789.151	1773.132	1774.140	1772.124	K[10]
G[9]	844.475	1661.056	1645.037	1646.045	1644.029	G[13]
L[10]	957.559	1604.034	1588.016	1589.023	1587.008	L[14]
G[11]	1014.580	1490.950	1474.932	1475.939	1473.924	G[13]
R[12]	1142.676	1433.929	1417.910	1418.918	1416.902	R[12]
G[13]	1199.697	1305.834	1289.815	1290.823	1288.807	G[11]
G[14]	1256.718	1248.812	1232.794	1233.801	1231.786	G[10]
A[15]	1327.735	1191.791	1175.772	1176.780	1174.764	A[0]
K[16]	1455.830	1120.754	1104.735	1105.743	1103.727	K[8]
R[17]	1611.951	992.659	976.640	977.648	975.632	R[7]
H[18]	1740.030	836.555	820.536	821.544	819.528	H[0]
R[19]	1819.127	699.499	683.480	684.488	682.472	R[5]
K[20]	2061.236	529.382	513.363	514.371	512.355	K[4]
V[21]	2160.306	387.271	371.253	372.261	370.245	V[3]
L[22]	2273.390	288.203	272.184	273.192	271.176	L[2]
R[23]	2429.491	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl}14.02 K ^{Methyl}14.02 VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.67
- ▶ F112754.dat
- ▶ query=q29801_p1
- ▶ precursor=405.918130
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1215.741	1207.732	0.904	1207.228	S[23]
G[2]	102.553	1151.220	1143.211	0.904	1142.707	G[22]
R[3]	180.603	1122.709	1114.700	1115.204	1114.190	R[21]
G[4]	209.114	1044.659	1036.649	1037.153	1036.145	G[20]
K[5]	273.161	1016.148	1008.139	1009.643	1007.935	K[19]
G[6]	301.673	923.190	944.001	944.595	943.587	G[18]
G[7]	330.183	923.990	915.580	916.084	915.078	G[17]
K[8]	394.230	895.079	887.070	887.574	886.566	K[16]
G[9]	422.741	831.632	823.622	823.526	822.518	G[15]
L[10]	479.283	802.521	794.511	795.015	794.008	L[14]
G[11]	507.794	745.070	737.060	738.473	737.465	G[13]
R[12]	571.841	117.468	709.459	709.363	708.355	R[12]
G[13]	600.352	653.421	645.411	645.915	644.907	G[11]
G[14]	628.863	624.910	616.900	617.404	616.397	G[10]
A[15]	664.381	596.399	588.390	588.894	587.886	A[9]
K[16]	728.429	560.881	552.871	553.375	552.367	K[8]
R[17]	806.479	496.833	488.824	489.328	488.320	R[7]
H[18]	875.029	418.782	410.773	411.277	410.269	H[6]
R[19]	960.067	350.253	342.244	342.748	341.740	R[5]
K[20]	1031.122	265.195	257.185	257.689	256.681	K[4]
V[21]	1080.657	194.139	186.130	186.634	185.626	V[3]
L[22]	1137.199	144.605	136.596	137.100	136.092	L[2]
R[23]	1215.249	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl}K ^{Methyl}VLR
14.02 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=33.67
- ▶ F112754.dat
- ▶ query=q29801_p1
- ▶ precursor=405.918130
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	810.830	805.490	0.672	805.154	S[23]
G	[2]	68.704	767.816	762.476	0.672	762.140	G[22]
R	[3]	120.738	748.909	743.469	743.805	743.133	R[21]
G	[4]	139.743	696.775	693.435	691.771	691.099	G[20]
K	[5]	182.443	677.768	672.428	672.764	672.092	K[19]
G	[6]	201.450	635.069	629.730	630.066	629.394	G[18]
G	[7]	220.458	616.062	610.723	611.059	610.387	G[17]
K	[8]	263.156	597.055	591.716	592.051	591.380	K[16]
G	[9]	282.163	554.357	549.017	549.353	548.681	G[15]
L	[10]	319.658	535.350	530.010	530.346	529.674	L[14]
G	[11]	338.665	497.655	492.315	492.651	491.979	G[13]
K	[12]	381.563	478.648	473.308	473.644	472.972	K[12]
G	[13]	400.570	435.949	430.610	430.946	430.274	G[11]
G	[14]	419.578	416.942	411.603	411.939	411.267	G[10]
A	[15]	443.257	397.935	392.596	392.932	392.260	A[9]
K	[16]	485.955	374.256	368.917	369.252	368.581	K[8]
R	[17]	537.989	351.558	326.218	326.554	325.882	R[7]
H	[18]	583.675	279.524	274.185	274.520	273.849	H[6]
R	[19]	640.381	233.838	228.498	228.834	228.162	R[5]
K	[20]	687.751	177.132	171.793	172.129	171.457	K[4]
V	[21]	720.774	129.762	124.422	124.758	124.086	V[3]
L	[22]	758.468	96.739	91.400	91.736	91.064	L[2]
R	[23]	810.502	59.043	53.703	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl}K ^{Methyl}VLR
14.02 14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=33.67
- ▶ F112754.dat
- ▶ query=q29801_p1
- ▶ precursor=405.918130
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	37.525	608.374	604.370	0.755	604.118	S[23]
G	[2]	51.780	576.114	572.109	0.755	571.857	G[22]
R	[3]	60.805	561.898	557.854	558.106	557.602	R[21]
G	[4]	105.061	522.843	518.827	313.050	318.576	G[20]
K	[5]	137.084	508.578	504.573	504.825	504.321	K[19]
G	[6]	151.340	476.554	472.549	472.801	472.297	G[18]
G	[7]	165.595	462.299	458.294	458.546	458.042	G[17]
K	[8]	197.619	448.043	444.038	444.290	443.787	K[16]
G	[9]	211.874	416.019	412.015	412.267	411.763	G[15]
L	[10]	240.145	401.764	397.759	398.011	397.507	L[14]
G	[11]	254.401	373.493	369.488	369.740	369.236	G[13]
K	[12]	286.424	359.238	355.233	355.485	354.981	K[12]
G	[13]	303.680	327.214	323.209	323.461	322.957	G[11]
G	[14]	314.935	312.950	308.954	309.206	308.702	G[10]
A	[15]	332.694	298.703	294.699	294.950	294.447	A[9]
K	[16]	364.718	280.944	276.939	277.191	276.687	K[8]
R	[17]	403.743	248.920	244.915	245.167	244.664	R[7]
H	[18]	438.008	209.895	205.890	206.142	205.638	H[6]
R	[19]	480.537	175.630	171.625	171.877	171.374	R[5]
K	[20]	516.065	133.101	129.096	129.348	128.844	K[4]
V	[21]	540.832	97.573	93.569	93.821	93.317	V[3]
L	[22]	569.103	72.306	68.302	68.553	68.050	L[2]
R	[23]	608.128	44.535	40.531	40.782	40.279	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl}K ^{Methyl}VLR
 14.02 14.02

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=33.67
- ▶ F112754.dat
- ▶ query=q29801_p1
- ▶ precursor=405.918130
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	486.901	483.697	0.806	483.496	S[23]
G[2]	41.625	461.092	457.889	0.806	457.687	G[22]
R[3]	72.846	449.085	446.484	446.686	446.283	R[21]
G[4]	84.250	418.486	415.284	415.486	415.083	G[20]
K[5]	109.869	407.084	403.880	404.081	403.678	K[19]
G[6]	121.273	381.445	378.241	378.442	378.039	G[18]
G[7]	132.677	370.040	366.837	367.038	366.635	G[17]
K[8]	158.296	358.636	355.432	355.634	355.231	K[16]
G[9]	169.701	333.017	329.813	330.015	329.612	G[15]
L[10]	192.318	321.613	318.409	318.611	318.207	L[14]
G[11]	203.722	298.996	295.792	295.994	295.591	G[13]
K[12]	229.341	287.592	284.388	284.589	284.186	K[12]
G[13]	240.745	261.973	258.769	258.970	258.567	G[11]
G[14]	252.149	250.568	247.365	247.566	247.163	G[10]
A[15]	266.357	239.164	235.960	236.162	235.759	A[9]
K[16]	291.976	224.957	221.753	221.954	221.551	K[8]
R[17]	323.196	199.338	196.134	196.335	195.932	R[7]
H[18]	350.608	168.117	164.914	165.115	164.712	H[6]
R[19]	384.631	140.706	137.502	137.703	137.300	R[5]
K[20]	413.053	106.682	103.478	103.680	103.277	K[4]
V[21]	432.867	78.260	75.056	75.258	74.855	V[3]
L[22]	455.484	58.446	55.243	55.444	55.041	L[2]
R[23]	486.704	35.830	32.626	32.827	32.424	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.48
- ▶ F112754.dat
- ▶ query=q29994_p1
- ▶ precursor=815.502410
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2444.491	2426.472	0.000	2427.464	S[23]
G[2]	304.068	2315.448	2299.430	0.000	2298.422	G[22]
R[3]	374.215	2258.427	2242.408	2243.416	2241.400	R[21]
G[4]	431.236	2088.310	2072.291	2073.299	2071.284	G[20]
K[5]	559.331	2031.289	2015.270	2016.278	2014.263	K[19]
G[6]	616.353	1903.194	1887.175	1888.183	1886.167	G[18]
G[7]	673.374	1846.172	1830.153	1831.161	1829.146	G[17]
K[8]	801.469	1789.151	1773.132	1774.140	1772.124	K[16]
G[9]	858.490	1661.056	1645.037	1646.045	1644.029	G[15]
L[10]	971.574	1604.034	1588.015	1589.023	1587.008	L[14]
G[11]	1028.596	1490.950	1474.932	1475.939	1473.924	G[13]
R[12]	1156.691	1433.929	1417.910	1418.918	1416.902	R[12]
G[13]	1213.712	1305.834	1289.815	1290.823	1288.807	G[11]
G[14]	1270.734	1248.812	1232.794	1233.801	1231.786	G[10]
A[15]	1341.771	1191.791	1175.772	1176.780	1174.764	A[0]
K[16]	1409.806	1120.754	1104.735	1105.743	1103.727	K[6]
R[17]	1625.967	992.699	976.680	977.688	976.672	R[7]
T[18]	1763.026	836.596	820.578	821.587	819.571	T[6]
R[19]	1919.127	699.499	683.480	684.488	682.472	R[5]
K[20]	2075.263	543.398	527.379	528.387	526.371	K[4]
V[21]	2174.322	387.271	371.253	372.261	370.245	V[3]
L[22]	2287.406	288.203	272.184	273.192	271.176	L[2]
R[23]	2443.507	178.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

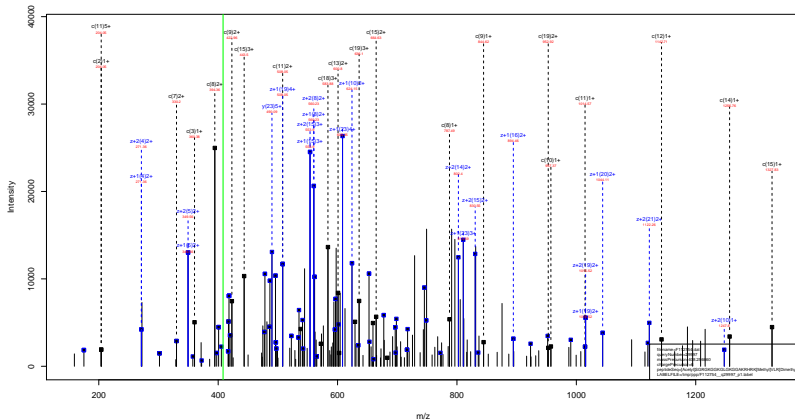
[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.48
- ▶ F112754.dat
- ▶ query=q29994_p1
- ▶ precursor=815.502410
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1222.749	1214.740	0.504	1214.236	S(2)
G	2	102.553	1158.228	1150.218	0.504	1149.715	G(2)
R	3	187.611	1120.717	1121.708	1122.212	1121.204	R(2)
G	4	218.122	1044.659	1036.649	1037.153	1036.143	G(2)
K	5	280.169	1016.148	1008.139	1008.643	1007.635	K(1)
G	6	388.680	892.200	948.001	944.505	943.589	G(1)
G	7	337.191	923.590	915.580	916.084	915.075	G(1)
K	8	401.238	895.079	887.070	887.574	886.566	K(1)
G	9	429.749	831.053	823.022	823.526	822.518	G(1)
L	10	486.291	802.521	794.511	795.015	794.008	L(1)
G	11	514.802	748.079	737.069	738.573	737.465	G(1)
K	12	578.599	717.485	709.459	709.963	708.955	K(1)
G	13	607.360	651.421	645.411	645.915	644.907	G(1)
G	14	635.871	624.910	616.900	617.404	616.397	G(1)
A	15	671.389	596.399	588.390	588.894	587.886	A(0)
K	16	735.437	560.881	552.871	553.375	552.367	K(0)
R	17	813.487	498.833	488.823	489.328	488.321	R(0)
H	18	882.017	418.782	410.773	411.277	410.269	H(0)
R	19	980.067	350.253	342.244	342.748	341.740	R(0)
K	20	1038.130	272.202	264.193	264.697	263.689	K(0)
V	21	1087.665	194.139	186.130	186.634	185.626	V(0)
L	22	1144.207	144.605	136.595	137.100	136.092	L(0)
R	23	1223.257	98.051	89.044	89.558	79.550	R(1)

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLR Dimethyl
14.02 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl}VLR ^{Dimethyl}28.03
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=98.36
- ▶ F112754.dat
- ▶ query=q29997_p1
- ▶ precursor=408.256660
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2444.491	2438.472	0.000	2427.464	S[23]
G[2]	204.098	2315.448	2299.430	0.000	2298.422	G[22]
R[3]	360.199	2258.427	2242.408	2243.416	2241.400	R[21]
G[4]	417.220	2102.326	2086.307	2087.315	2085.299	G[20]
K[5]	547.319	2046.304	2029.286	2030.293	2028.276	K[19]
G[6]	602.337	1917.209	1901.191	1902.198	1900.183	G[18]
G[7]	659.358	1860.188	1844.169	1845.177	1843.161	G[17]
K[8]	787.453	1803.168	1787.149	1788.156	1786.140	K[16]
G[9]	844.475	1675.071	1659.053	1660.061	1658.045	G[15]
L[10]	957.559	1618.050	1602.031	1603.039	1601.023	L[14]
G[11]	1014.580	1504.966	1488.947	1489.955	1487.939	G[13]
R[12]	1142.675	1447.844	1431.826	1432.834	1430.818	R[12]
G[13]	1199.697	1319.840	1303.831	1304.839	1302.823	G[11]
G[14]	1256.718	1262.828	1246.809	1247.817	1245.801	G[10]
A[15]	1327.755	1205.807	1189.788	1190.796	1188.780	A[9]
K[16]	1455.830	1134.769	1118.751	1119.759	1117.743	K[8]
R[17]	1611.951	1006.674	990.656	991.664	989.648	R[7]
R[18]	1740.030	890.573	881.565	835.562	833.547	R[6]
R[19]	1809.111	713.514	697.496	698.504	696.488	R[5]
K[20]	2047.222	557.413	541.395	542.402	540.387	K[4]
V[21]	2146.290	415.303	399.284	400.292	398.276	V[3]
L[22]	2259.374	316.234	300.216	301.223	299.208	L[2]
R[23]	2443.507	203.150	187.132	188.139	186.124	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLR ^{Dimethyl} 14.02 28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=98.36
- ▶ F112754.dat
- ▶ query=q29997_p1
- ▶ precursor=408.256660
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1222.740	1214.740	0.504	1214.236	S[23]
G[2]	102.553	1158.228	1150.210	0.504	1149.715	G[22]
R[3]	180.603	1129.717	1121.700	1122.212	1121.204	R[21]
G[4]	259.114	1051.667	1043.657	1044.161	1043.153	G[20]
K[5]	273.183	1023.156	1015.146	1015.650	1014.643	K[19]
G[6]	301.672	959.108	951.099	951.603	950.595	G[18]
G[7]	330.183	930.598	922.589	923.092	922.084	G[17]
K[8]	394.230	902.087	894.077	894.581	893.574	K[16]
G[9]	422.741	858.639	850.630	850.534	849.526	G[15]
L[10]	479.263	809.529	801.510	802.023	801.015	L[14]
G[11]	507.794	752.087	744.977	745.481	744.473	G[13]
R[12]	571.841	704.476	716.466	716.970	715.963	R[12]
G[13]	600.352	660.428	652.419	652.923	651.915	G[11]
G[14]	628.863	631.918	623.908	624.412	623.404	G[10]
A[15]	664.381	603.407	595.398	595.901	594.894	A[0]
K[16]	728.420	567.888	559.879	560.383	559.375	K[8]
R[17]	806.470	503.641	495.832	496.335	495.328	R[7]
T[18]	878.009	429.790	417.781	418.285	417.277	T[6]
R[19]	953.059	357.261	349.252	349.755	348.748	R[5]
K[20]	1024.115	279.210	271.201	271.705	270.697	K[4]
V[21]	1073.649	208.155	200.146	200.650	199.642	V[3]
L[22]	1130.191	158.621	150.611	151.115	150.108	L[2]
R[23]	1222.257	102.079	94.069	94.573	93.565	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl}VLR ^{Dimethyl}28.03
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=98.36
- ▶ F112754.dat
- ▶ query=q29997_p1
- ▶ precursor=408.256660
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	815.502	810.162	0.672	809.826	S[23]
G[2]	68.704	772.488	767.148	0.672	766.812	G[22]
R[3]	120.738	751.488	748.141	748.477	747.805	R[21]
G[4]	139.743	701.441	696.107	696.443	696.771	G[20]
K[5]	182.443	682.440	677.100	674.316	676.764	K[19]
G[6]	201.450	639.741	634.402	634.738	634.066	G[18]
G[7]	220.458	620.734	615.399	615.731	615.059	G[17]
K[8]	263.156	601.727	596.387	596.723	596.051	K[16]
G[9]	282.163	559.029	553.689	554.025	553.353	G[15]
L[10]	319.858	540.022	534.682	535.018	534.346	L[14]
G[11]	338.865	502.327	496.987	497.323	496.651	G[13]
K[12]	381.563	483.320	477.980	478.316	477.644	K[12]
G[13]	400.570	440.821	435.282	435.618	434.940	G[11]
G[14]	419.578	421.614	416.275	416.611	415.939	G[10]
A[15]	441.257	402.607	397.267	397.603	396.932	A[9]
K[16]	485.955	378.928	373.588	373.924	373.252	K[8]
R[17]	537.989	336.230	330.890	331.226	330.554	R[7]
H[18]	583.675	284.196	278.856	279.192	278.520	H[6]
R[19]	635.709	238.510	233.170	233.506	232.834	R[5]
K[20]	683.079	186.476	181.136	181.472	180.800	K[4]
V[21]	716.102	139.106	133.766	134.102	133.430	V[9]
L[22]	753.796	106.063	100.723	101.059	100.387	L[8]
R[23]	815.174	88.388	83.048	83.385	82.713	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLR ^{Dimethyl} 14.02 28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=98.36
- ▶ F112754.dat
- ▶ query=q29997.p1
- ▶ precursor=408.256660
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	611.878	607.874	0.755	607.622	S[2]
G[2]	51.780	579.618	575.613	0.755	575.361	G[22]
R[3]	60.805	565.362	561.357	561.609	561.106	R[21]
G[4]	105.091	526.337	522.332	522.584	522.380	G[20]
K[5]	137.084	512.082	508.077	508.329	507.825	K[19]
G[6]	151.340	480.058	476.053	476.305	475.801	G[18]
G[7]	165.595	465.802	461.798	462.050	461.546	G[17]
K[8]	197.619	451.547	447.542	447.794	447.290	K[16]
G[9]	211.874	419.523	415.519	415.771	415.267	G[15]
L[10]	240.145	405.268	401.263	401.515	401.011	L[14]
G[11]	254.401	376.997	372.992	373.244	372.740	G[13]
K[12]	286.424	362.742	358.737	358.989	358.485	K[12]
G[13]	300.680	330.718	326.713	326.965	326.461	G[11]
G[14]	314.935	316.462	312.458	312.710	312.206	G[10]
A[15]	332.694	302.207	298.202	298.454	297.950	A[9]
K[16]	364.718	284.448	280.443	280.695	280.191	K[8]
R[17]	403.743	252.424	248.419	248.671	248.167	R[7]
H[18]	438.008	213.399	209.394	209.646	209.142	H[6]
R[19]	477.033	179.134	175.129	175.381	174.877	R[5]
K[20]	512.561	140.109	136.104	136.356	135.852	K[4]
V[21]	537.528	104.581	100.576	100.828	100.325	V[9]
L[22]	565.599	79.814	75.809	76.061	75.557	L[2]
R[23]	611.632	51.543	47.538	47.790	47.286	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl}VLR ^{Dimethyl}14.02 28.03

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=98.36
- ▶ F112754.dat
- ▶ query=q29997.p1
- ▶ precursor=408.256660
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	409.704	406.500		406.299	S[2]
G[2]	41.625	463.895	460.692	0.806	460.490	G[22]
R[3]	72.846	432.491	443.287	449.889	449.289	R[21]
G[4]	84.250	421.271	418.067	418.269	417.866	G[20]
K[5]	109.869	409.867	405.663	405.554	405.461	K[19]
G[6]	121.273	394.248	381.044	381.246	380.842	G[18]
G[7]	132.677	372.843	369.640	369.541	369.438	G[17]
K[8]	158.296	361.439	358.235	358.437	358.034	K[16]
G[9]	169.701	339.620	332.616	332.818	332.415	G[15]
L[10]	192.318	324.616	321.212	321.414	321.011	L[14]
G[11]	203.722	301.799	298.595	298.797	298.394	G[13]
K[12]	229.341	290.395	287.191	287.393	286.989	K[12]
G[13]	249.748	284.776	281.572	281.774	281.370	G[11]
G[14]	252.149	253.371	250.168	250.369	249.966	G[10]
A[15]	256.357	241.967	238.763	238.965	238.562	A[9]
K[16]	291.976	227.760	224.556	224.758	224.354	K[8]
R[17]	323.196	202.141	198.937	199.139	198.735	R[7]
H[18]	350.608	170.920	167.717	167.918	167.515	H[6]
R[19]	381.828	143.509	140.305	140.507	140.103	R[5]
K[20]	410.250	112.288	109.083	109.286	108.883	K[4]
V[21]	430.064	83.866	80.663	80.864	80.461	V[9]
L[22]	432.881	64.053	60.849	61.051	60.647	L[8]
K[23]	489.507	41.430	38.227	38.434	38.031	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLR^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.85
- ▶ F112754.dat
- ▶ query=q30119_p1
- ▶ precursor=492.500570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2456.470	2442.451	0.000	2441.444	S[23]
G[2]	304.068	2329.428	2313.409	0.000	2312.401	G[22]
R[3]	360.199	2272.406	2256.387	2257.395	2255.389	R[21]
G[4]	417.220	2116.305	2100.286	2101.294	2099.279	G[20]
K[5]	543.315	2059.284	2043.265	2044.273	2042.257	K[19]
G[6]	602.137	1931.189	1915.170	1916.178	1914.162	G[18]
G[7]	659.358	1874.167	1858.148	1859.156	1857.141	G[17]
K[8]	787.453	1817.146	1801.127	1802.135	1800.119	K[16]
G[9]	844.475	1689.051	1673.032	1674.040	1672.024	G[15]
L[10]	957.559	1632.029	1616.011	1617.018	1615.003	L[14]
G[11]	1014.580	1518.945	1502.926	1503.934	1501.919	G[13]
R[12]	1142.675	1461.924	1445.905	1446.913	1444.897	R[12]
G[13]	1199.697	1333.829	1317.810	1318.818	1316.802	G[11]
G[14]	1256.718	1276.807	1260.789	1261.796	1259.781	G[10]
A[15]	1327.755	1219.786	1203.767	1204.775	1202.759	A[0]
K[16]	1497.801	1148.749	1132.730	1133.738	1131.722	K[8]
R[17]	1653.962	978.643	962.624	963.632	961.617	R[7]
T[18]	1793.924	922.545	906.523	907.531	905.516	T[6]
R[19]	1947.122	685.483	669.464	670.472	668.457	R[5]
K[20]	2089.231	529.382	513.363	514.371	512.355	K[4]
V[21]	2188.301	387.271	371.253	372.261	370.245	V[3]
L[22]	2301.395	288.203	272.184	273.192	271.176	L[2]
R[23]	2457.488	178.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLR^{14.02}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.85
- ▶ F112754.dat
- ▶ query=q30119_p1
- ▶ precursor=492.500570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1229.739	1221.739	0.904	1221.225	S[23]
G[2]	102.553	1165.217	1157.208	0.904	1156.704	G[22]
R[3]	189.603	1136.707	1128.697	1129.201	1128.193	R[21]
G[4]	269.114	1058.656	1050.647	1051.151	1050.143	G[20]
K[5]	273.181	1030.145	1022.136	1022.640	1021.632	K[19]
G[6]	301.672	966.096	958.089	958.593	957.585	G[18]
G[7]	330.183	937.587	929.578	930.082	929.074	G[17]
K[8]	394.230	909.076	901.067	901.571	900.563	K[16]
G[9]	422.741	845.029	837.020	837.524	836.511	G[15]
L[10]	479.283	816.518	808.509	809.013	808.009	L[14]
G[11]	507.794	750.016	742.007	752.471	751.463	G[13]
R[12]	571.841	731.465	723.456	723.960	722.952	R[12]
G[13]	600.352	597.415	589.409	589.913	588.905	G[11]
G[14]	628.863	638.907	630.898	631.402	630.394	G[10]
A[15]	664.381	610.397	602.387	602.891	601.883	A[0]
K[16]	749.434	574.878	566.869	567.373	566.369	K[9]
R[17]	827.485	489.825	481.816	482.320	481.312	R[7]
T[18]	898.014	413.775	403.765	404.269	403.261	T[6]
R[19]	974.065	343.245	335.236	335.740	334.732	R[5]
K[20]	1045.120	295.195	287.185	287.689	286.681	K[4]
V[21]	1094.654	194.139	186.130	186.634	185.626	V[3]
L[22]	1151.196	144.605	136.595	137.100	136.092	L[2]
R[23]	1229.247	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLR_{42.01 14.02}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=72.85
- ▶ F112754.dat
- ▶ query=q30119_p1
- ▶ precursor=492.500570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	820.162	814.822	0.672	814.486	S[23]
G	[2]	68.704	777.147	773.808	0.672	771.472	G[22]
R	[3]	120.738	758.140	752.801	753.137	752.465	R[21]
G	[4]	139.743	706.107	706.767	701.103	700.431	G[20]
K	[5]	182.443	687.099	681.760	682.096	681.424	K[19]
G	[6]	201.450	644.401	639.061	639.397	638.726	G[18]
G	[7]	220.458	625.394	620.054	620.390	619.718	G[17]
K	[8]	263.156	606.387	601.047	601.383	600.711	K[16]
G	[9]	282.163	563.688	558.349	558.685	558.013	G[15]
L	[10]	319.658	544.681	539.342	539.678	539.006	L[14]
G	[11]	338.665	506.987	501.647	501.983	501.311	G[13]
K	[12]	381.363	487.979	482.640	482.976	482.304	K[12]
G	[13]	400.370	448.281	439.942	440.277	439.609	G[11]
G	[14]	419.378	426.274	420.934	421.270	420.598	G[10]
A	[15]	443.257	407.267	401.927	402.263	401.591	A[9]
K	[16]	499.958	383.588	378.249	378.584	377.912	K[8]
R	[17]	551.992	326.886	321.546	321.882	321.210	R[7]
H	[18]	597.678	274.852	269.513	269.849	269.177	H[6]
R	[19]	649.712	229.166	223.826	224.162	223.490	R[5]
K	[20]	697.082	177.132	171.793	172.129	171.457	K[4]
V	[21]	730.105	129.762	124.422	124.758	124.086	V[3]
L	[22]	767.800	96.739	91.400	91.736	91.064	L[2]
R	[23]	819.834	59.043	53.703	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Methyl}VLR_{42.01 14.02}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=72.85
- ▶ F112754.dat
- ▶ query=q30119_p1
- ▶ precursor=492.500570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	615.373	611.368	0.755	611.116	S[2]
G[2]	51.760	583.112	579.108	0.733	578.856	G[2]
R[3]	60.809	598.897	564.852	565.104	564.600	R[2]
G[4]	105.061	529.832	525.827	526.079	525.576	G[20]
K[5]	137.084	515.576	511.572	511.824	511.320	K[19]
G[6]	151.340	483.593	479.548	479.800	479.296	G[18]
G[7]	165.595	469.297	465.293	465.545	465.041	G[17]
K[8]	197.619	456.042	451.037	451.289	450.785	K[16]
G[9]	211.874	423.018	419.013	419.265	418.761	G[15]
L[10]	240.145	408.763	404.758	405.010	404.506	L[14]
G[11]	254.401	380.492	376.487	376.739	376.235	G[13]
K[12]	286.424	366.236	362.232	362.484	361.980	K[12]
G[13]	300.680	334.213	330.208	330.460	329.956	G[11]
G[14]	318.938	319.997	315.993	316.245	315.701	G[10]
A[15]	332.694	305.702	301.697	301.949	301.445	A[9]
K[16]	378.221	287.943	283.938	284.190	283.686	K[8]
R[17]	414.246	245.416	241.412	241.664	241.160	R[7]
H[18]	448.511	206.391	202.386	202.638	202.134	H[6]
R[19]	487.536	172.126	168.122	168.374	167.870	R[5]
K[20]	523.064	133.101	129.096	129.348	128.844	K[4]
V[21]	547.811	97.573	93.569	93.821	93.317	V[3]
L[22]	576.102	72.806	68.802	69.053	68.550	L[2]
R[23]	615.127	44.535	40.531	40.782	40.279	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^(Dimethyl) K^(Methyl) VLR^(28.03) K^(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=96.05
- ▶ F112754.dat
- ▶ query=q30435.p1
- ▶ precursor=622.381060
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2486.501	2479.453	0.000	2469.475	S[23]
G[2]	304.098	2357.459	2341.440	0.000	2340.433	G[22]
R[3]	360.199	2300.437	2284.419	2265.427	2261.411	R[21]
G[4]	417.220	2144.339	2128.318	2129.325	2127.310	G[20]
K[5]	545.315	2087.315	2071.290	2072.304	2070.288	K[19]
G[6]	602.337	1959.220	1943.201	1944.209	1942.193	G[18]
G[7]	659.358	1902.190	1886.150	1887.188	1885.172	G[17]
K[8]	787.453	1845.177	1829.158	1830.166	1828.150	K[16]
G[9]	844.475	1717.082	1701.063	1702.071	1700.055	G[15]
L[10]	957.559	1660.061	1644.042	1645.050	1643.034	L[14]
G[11]	1014.580	1546.979	1530.958	1531.966	1529.950	G[13]
K[12]	1142.675	1490.955	1474.928	1474.944	1472.928	K[12]
G[13]	1199.697	1361.860	1345.841	1346.849	1344.833	G[11]
G[14]	1256.718	1304.839	1288.820	1289.828	1287.812	G[10]
A[15]	1327.755	1247.817	1231.798	1232.806	1230.791	A[9]
K[16]	1487.861	1176.780	1160.761	1161.769	1159.753	K[8]
R[17]	1653.962	1026.674	990.656	991.664	989.648	R[7]
H[18]	1791.621	890.573	834.555	835.562	833.547	H[6]
R[19]	1878.333	713.514	667.498	668.504	666.488	R[5]
K[20]	2117.204	628.382	582.363	514.371	512.355	K[4]
V[21]	2216.032	487.271	371.253	372.261	370.245	V[3]
L[22]	2320.416	288.203	272.184	273.192	271.176	L[2]
R[23]	2485.517	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^(Dimethyl) K^(Methyl) VLR^(14.02)
 42.01 (28.03)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=96.05
- ▶ F112754.dat
- ▶ query=q30435_p1
- ▶ precursor=622.381060
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S [1]	74.002	1243.754	1235.745	0.504	235.241	S[2]
G [2]	102.553	1179.233	1171.224	0.504	170.720	G[2]
R [3]	180.603	1150.722	1142.713	1143.217	1142.200	R[2]
G [4]	209.114	1072.072	1064.662	1065.166	1064.159	G[20]
K [5]	273.161	1044.161	1036.152	1036.656	1035.648	K[19]
G [6]	361.672	980.144	972.136	972.640	971.630	G[18]
G [7]	330.183	953.663	943.593	944.097	943.590	G[17]
K [8]	394.210	923.092	915.083	915.587	914.579	K[16]
G [9]	432.741	859.045	851.035	851.539	850.531	G[15]
L [10]	479.263	830.534	822.525	823.029	822.021	L[14]
G [11]	507.704	773.092	765.083	766.586	765.470	G[13]
T [12]	391.834	746.321	737.472	737.976	736.969	T[12]
G [13]	600.352	681.434	673.424	673.928	672.920	G[11]
G [14]	658.883	652.923	644.914	645.417	644.410	G[10]
A [15]	664.301	624.412	616.403	616.907	615.899	A[9]
K [16]	749.434	588.894	580.884	581.388	580.380	K[8]
R [17]	827.605	503.841	495.832	496.335	495.328	R[7]
T [18]	894.014	428.790	417.781	418.285	417.277	T[6]
R [19]	988.080	357.261	349.252	349.755	348.748	R[5]
K [20]	1059.136	265.195	257.185	257.689	256.681	K[4]
V [21]	1108.679	194.139	186.130	186.634	185.626	V[3]
L [22]	1165.212	144.605	136.596	137.100	136.092	L[1]
R [23]	1243.262	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^(Dimethyl) K^(Methyl) VLR^(14.02)
 42.01 (28.03)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=96.05
- ▶ F112754.dat
- ▶ query=q30435.p1
- ▶ precursor=622.381060
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	829.505	824.166	0.672	823.830	S[23]
G[2]	68.704	786.491	781.152	0.672	780.816	G[22]
R[3]	120.738	787.484	762.144	762.480	761.808	R[21]
G[4]	139.245	715.493	710.111	710.447	709.775	G[20]
K[5]	152.443	696.441	691.104	691.440	690.768	K[19]
G[6]	201.450	635.743	648.405	648.741	648.069	G[18]
G[7]	220.458	634.738	629.398	629.734	629.062	G[17]
R[8]	263.156	615.731	610.391	610.727	610.055	R[16]
G[9]	282.163	573.032	567.693	568.029	567.357	G[15]
L[10]	319.858	554.025	548.685	549.021	548.350	L[14]
G[11]	338.865	516.330	510.991	511.327	510.655	G[13]
R[12]	381.563	497.323	491.984	492.320	491.648	R[12]
G[13]	400.570	454.625	449.285	449.621	448.949	G[11]
G[14]	419.578	435.618	430.278	430.614	429.942	G[10]
A[15]	443.297	416.611	411.271	411.607	410.935	A[9]
R[16]	496.958	392.932	387.592	387.928	387.256	R[8]
R[17]	551.992	336.230	330.890	331.226	330.554	R[7]
H[18]	597.678	284.196	278.856	279.192	278.520	H[6]
R[19]	659.056	238.510	233.170	233.506	232.834	R[5]
K[20]	706.426	177.132	171.793	172.129	171.457	K[4]
V[21]	739.449	129.762	124.422	124.758	124.086	V[3]
L[22]	777.144	96.739	91.400	91.736	91.064	L[2]
R[23]	829.177	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Dimethyl) VLR^(Methyl)
 42.01 (28.03) (14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.15
- ▶ F112754.dat
- ▶ query=q30437.p1
- ▶ precursor=829.506080
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2386.501	2478.483	0.000	2465.475	S[23]
G[2]	204.098	2357.459	2341.440	0.000	2340.432	G[22]
R[3]	300.199	2300.437	2394.419	2395.427	2383.411	R[21]
G[4]	417.230	2144.336	2128.318	2129.325	2127.310	G[20]
K[5]	545.315	2087.315	2071.296	2072.304	2070.288	K[19]
G[6]	602.337	1959.220	1943.201	1944.209	1942.193	G[18]
G[7]	659.358	1902.198	1886.180	1887.188	1885.172	G[17]
K[8]	787.453	1845.177	1829.158	1830.166	1828.150	K[16]
G[9]	844.475	1717.082	1701.063	1702.071	1700.055	G[15]
L[10]	957.559	1660.061	1644.042	1645.050	1643.034	L[14]
G[11]	1014.588	1546.976	1530.958	1531.966	1529.950	G[13]
K[12]	1142.675	1489.955	1473.937	1474.944	1472.928	K[12]
G[13]	1199.697	1381.860	1345.841	1346.849	1344.833	G[11]
G[14]	1256.718	1304.839	1288.820	1289.828	1287.812	G[10]
A[15]	1327.755	1247.817	1231.798	1232.806	1230.791	A[10]
K[16]	1407.801	1176.780	1160.761	1161.769	1159.753	K[8]
R[17]	1553.962	1006.674	990.656	991.664	989.648	R[7]
R[18]	1791.021	850.572	834.553	835.562	833.547	R[6]
R[19]	1847.122	713.514	697.495	698.504	696.488	R[5]
K[20]	2103.248	557.413	541.395	542.402	540.387	K[4]
V[21]	2202.317	401.287	385.268	386.276	384.261	V[3]
L[22]	2315.401	302.219	286.200	287.208	285.192	L[2]
R[23]	2485.517	189.135	173.116	174.124	172.108	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Dimethyl) VLR^(Methyl)
 42.01 (28.03) (14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.15
- ▶ F112754.dat
- ▶ query=q30437_p1
- ▶ precursor=829.506080
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA	
S	1	74.082	1243.754	1235.745	0.504	1235.241	S(2)
G	2	102.553	1179.233	1171.224	0.504	1170.720	G(2)
R	3	180.600	1150.722	1142.713	1143.217	1142.209	R(2)
G	4	209.114	1072.672	1064.662	1065.166	1064.150	G(2)
K	5	273.161	1044.161	1036.152	1036.656	1035.648	K(2)
G	6	301.672	980.114	972.104	972.608	971.600	G(2)
G	7	330.183	951.603	943.593	944.097	943.090	G(2)
K	8	394.230	923.092	915.081	915.585	914.579	K(2)
G	9	422.741	859.045	851.035	851.539	850.531	G(2)
L	10	479.293	830.534	822.525	823.028	822.021	L(2)
G	11	507.794	773.992	765.981	766.486	765.479	G(2)
K	12	571.841	746.481	738.471	737.976	736.969	K(2)
G	13	600.352	681.434	673.424	673.928	672.920	G(2)
G	14	628.863	652.923	644.914	645.417	644.410	G(2)
A	15	664.381	624.412	616.401	616.907	615.899	A(2)
R	16	749.434	598.894	590.884	591.388	590.380	R(2)
R	17	827.485	561.841	495.832	496.335	495.328	R(2)
H	18	886.034	426.790	417.781	418.285	417.277	H(2)
R	19	974.085	357.261	349.252	349.755	348.748	R(2)
K	20	1052.138	279.210	271.201	271.705	270.697	K(2)
V	21	1101.689	201.147	193.138	193.642	192.634	V(2)
L	22	1158.204	151.613	143.604	144.108	143.100	L(2)
R	23	1243.262	95.071	87.062	87.565	86.558	R(2)

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GS Acetyl 42.01 KKAVT Acetyl 42.01 KAQKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.51
- ▶ F112754.dat
- ▶ query=q31533.p1
- ▶ precursor=651.132060
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	115.087	2601.509	2585.490	0.000	2584.463	P[24]
E	2	244.129	2504.456	2488.437	0.000	2487.429	E[23]
P	3	341.162	2375.413	2359.395	0.000	2358.387	P[22]
A	4	412.219	2278.361	2262.342	0.000	2261.334	A[21]
R	5	540.314	2207.323	2191.305	2302.313	2190.297	R[20]
S	6	627.346	2079.238	2063.219	2064.218	2062.202	S[19]
A	7	698.383	1992.196	1976.178	1977.186	1975.170	A[18]
P	8	795.436	1921.159	1905.141	1905.140	1904.133	P[17]
A	9	829.473	1824.107	1808.088	1809.096	1807.080	A[16]
P	10	963.526	1763.069	1747.051	1748.059	1746.044	P[15]
R	11	1091.621	1656.017	1639.998	1641.006	1638.990	R[14]
K	12	1261.726	1527.922	1511.903	1512.911	1510.895	K[13]
G	13	1318.748	1357.818	1341.797	1342.805	1340.790	G[12]
S	14	1447.790	1300.795	1284.776	1285.784	1283.768	S[11]
R	15	1575.885	1171.753	1155.734	1156.741	1154.726	R[10]
K	16	1703.930	1043.657	1027.638	1028.646	1026.631	K[9]
A	17	1775.017	915.562	899.543	900.551	898.536	A[8]
V	18	1874.088	844.525	828.506	829.514	827.499	V[7]
T	19	2017.144	745.457	729.438	730.446	728.430	T[6]
R	20	2145.239	602.388	586.369	587.388	585.372	R[5]
A	21	2216.276	474.303	458.285	459.293	457.277	A[4]
Q	22	2344.335	403.296	387.248	388.255	386.240	Q[3]
K	23	2472.430	275.208	259.189	260.197	258.181	K[2]
K	24	2600.525	147.113	131.094	132.102	130.086	K[1]

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GS Acetyl 42.01 KKAIVT Acetyl 42.01 KAQQK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.51
- ▶ F112754.dat
- ▶ query=q31533.p1
- ▶ precursor=651.132060
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F 1	58.047	1301.258	1291.249	0.504	1292.745	P 20
E 2	122.568	1252.732	1244.722	0.504	1244.218	E 23
F 3	171.095	1188.210	1180.201	0.504	1179.697	F 22
A 4	258.611	1139.684	1131.675	0.504	1131.171	A 21
R 5	270.693	1104.165	1096.156	1096.660	1095.652	R 24
S 6	314.177	1040.118	1032.109	1032.612	1031.605	S 19
A 7	349.695	996.602	988.592	989.696	988.089	A 18
F 8	398.222	951.083	953.074	953.578	952.570	F 17
A 9	433.740	912.567	904.548	905.051	904.044	A 16
T 10	482.287	877.036	869.027	869.533	868.525	T 15
R 11	546.314	828.512	820.503	821.007	819.999	R 14
K 12	631.367	764.464	756.455	756.959	755.951	K 13
G 13	659.678	679.412	671.402	671.906	670.898	G 12
S 14	728.699	650.901	642.892	643.396	642.388	S 11
R 15	788.446	596.380	592.371	592.874	591.866	R 10
K 16	852.494	522.332	514.323	514.827	513.819	K 9
A 17	888.012	458.285	450.276	450.779	449.771	A 8
V 18	937.547	422.766	414.757	415.261	414.253	V 7
T 19	1009.076	373.232	365.223	365.727	364.719	T 6
K 20	1073.123	301.703	293.693	294.197	293.189	K 5
A 21	1108.642	237.655	229.646	230.150	229.142	A 4
Q 22	1172.671	202.137	194.127	194.631	193.623	Q 3
K 23	1236.718	138.108	130.098	130.602	129.594	K 2
K 24	1300.756	74.060	66.051	66.555	65.547	K 1

sp | Q6ZWH9 | H2B1C_MOUSE

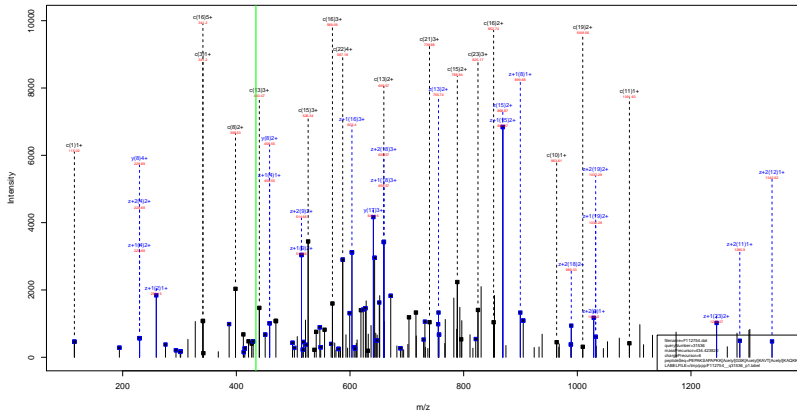
PEPAKSAPAPKK Acetyl 42.01 GS Acetyl 42.01 KKAVT Acetyl 42.01 KAQQK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=52.51
- ▶ F112754.dat
- ▶ query=q31533.p1
- ▶ precursor=651.132060
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	567.841	862.501	0.672	862.166	P[24]
E[2]	62.048	835.490	830.151	0.672	829.815	E[23]
P[3]	114.999	792.476	787.136	0.672	786.800	P[22]
A[4]	138.078	760.125	754.785	0.672	754.450	A[21]
K[5]	180.776	736.446	731.106	731.442	730.770	K[20]
S[6]	209.787	693.748	688.408	688.744	688.072	S[19]
A[7]	233.466	664.737	659.397	659.733	659.061	A[18]
F[8]	265.817	641.058	635.718	636.054	635.382	F[17]
A[9]	289.896	608.791	603.451	603.787	603.122	A[16]
P[10]	321.847	585.028	579.688	580.024	579.352	P[15]
K[11]	364.545	552.677	547.337	547.673	547.002	K[14]
K[12]	421.247	509.979	504.639	504.975	504.303	K[13]
G[13]	440.284	453.277	447.937	448.273	447.601	G[12]
S[14]	483.268	434.270	428.930	429.266	428.594	S[11]
K[15]	525.967	391.256	385.916	386.252	385.580	K[10]
K[16]	568.665	348.557	343.218	343.554	342.882	K[9]
A[17]	592.344	305.859	300.519	300.855	300.183	A[8]
V[18]	625.367	282.180	276.840	277.176	276.504	V[7]
T[19]	673.053	249.157	243.817	244.153	243.482	T[6]
K[20]	715.751	201.471	196.131	196.467	195.795	K[5]
A[21]	739.430	158.773	153.433	153.769	153.097	A[4]
Q[22]	782.116	115.994	110.654	110.990	110.318	Q[3]
K[23]	824.815	92.407	87.068	87.404	86.732	K[2]
K[24]	867.513	49.709	44.370	44.705	44.034	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl GSK Acetyl KAVT Acetyl KAQKK
42.01 42.01 42.01



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQQK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=73.39
- ▶ F112754.dat
- ▶ query=q31536.p1
- ▶ precursor=434.423820
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	2001.509	2585.490	0.000	2584.462	P[24]
E[2]	244.129	2504.456	2488.437	0.000	2487.429	E[23]
P[3]	341.182	2278.413	2359.399	0.000	2358.367	P[22]
A[4]	412.219	2278.363	2262.342	0.000	2261.334	A[21]
K[5]	540.314	2207.325	2191.305	2102.313	2100.291	K[20]
S[6]	627.346	2079.228	2063.210	2064.218	2062.202	S[19]
A[7]	698.383	1992.156	1976.170	1977.186	1975.170	A[18]
P[8]	795.436	1921.159	1905.141	1906.148	1904.133	P[17]
A[9]	869.473	1834.107	1808.080	1809.096	1807.080	A[16]
P[10]	953.526	1753.069	1737.051	1738.059	1736.041	P[15]
K[11]	1091.621	1656.017	1639.998	1641.006	1638.990	K[14]
K[12]	1261.726	1527.922	1511.903	1512.911	1510.895	K[13]
G[13]	1316.748	1357.816	1341.797	1342.805	1340.790	G[12]
S[14]	1405.780	1300.795	1284.776	1285.784	1283.768	S[11]
K[15]	1575.885	1212.763	1197.744	1198.752	1196.736	K[10]
K[16]	1763.880	1043.657	1027.638	1028.646	1026.631	K[9]
A[17]	1775.017	915.582	895.543	890.551	898.536	A[6]
V[18]	1874.086	844.525	828.506	829.514	827.499	V[7]
T[19]	2017.144	745.457	729.438	730.446	728.430	T[0]
K[20]	2145.239	602.398	586.380	587.388	585.372	K[5]
A[21]	2216.276	474.303	458.285	459.293	457.277	A[4]
Q[22]	2344.335	308.205	307.246	308.255	306.240	Q[3]
K[23]	2472.430	275.208	259.189	260.197	258.181	K[2]
K[24]	2600.525	147.113	131.094	132.102	130.088	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=73.39
- ▶ F112754.dat
- ▶ query=q31536_p1
- ▶ precursor=434.423820
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	58.047	1301.258	1293.249	0.504	1292.745	P24
E2	122.568	1252.732	1244.722	0.504	1244.218	E23
P3	171.095	1188.210	1180.201	0.504	1179.697	P22
A4	208.013	1139.684	1131.675	0.504	1131.171	A21
K5	270.661	1104.165	1096.156	1096.660	1095.652	K20
S6	314.177	1040.118	1032.109	1032.612	1031.605	S19
A7	349.695	996.602	988.592	989.096	988.089	A18
P8	398.222	961.083	953.074	953.578	952.570	P17
A9	431.740	912.597	904.548	905.051	904.044	A16
P10	482.287	877.036	869.029	869.533	868.525	P15
K11	546.314	828.512	820.503	821.007	819.999	K14
K12	631.367	784.464	756.455	756.959	755.951	K13
G13	659.878	679.412	671.402	671.906	670.898	G12
S14	703.394	650.901	642.892	643.395	642.388	S11
K15	788.446	607.385	599.376	599.880	598.872	K10
K16	832.494	522.332	514.323	514.827	513.819	K9
A17	888.012	458.285	450.275	450.779	449.771	A8
V18	937.547	422.766	414.757	415.261	414.253	V7
T19	1009.076	373.232	365.223	365.727	364.719	T6
K20	1073.123	301.703	293.693	294.197	293.190	K5
A21	1108.642	237.655	229.646	230.150	229.142	A4
Q22	1172.874	202.137	194.127	194.631	193.624	Q3
K23	1236.718	138.108	130.098	130.602	129.594	K2
K24	1300.766	74.060	66.051	66.555	65.547	K1

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSK ^{Acetyl}_{42.01} KAVT ^{Acetyl}_{42.01} KAQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=73.39
- ▶ F112754.dat
- ▶ query=q31536.p1
- ▶ precursor=434.423820
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	867.841	862.501	0.672	862.166	P[24]
E[2]	82.048	135.490	830.151	0.672	829.815	E[23]
P[3]	114.399	792.476	787.136	0.672	786.800	P[22]
A[4]	138.078	760.125	754.785	0.672	754.450	A[21]
K[5]	180.776	736.446	733.106	731.442	730.770	K[20]
S[6]	209.767	693.748	688.408	688.744	688.072	S[19]
A[7]	233.466	664.737	659.397	659.733	659.061	A[18]
F[8]	265.817	641.058	635.718	636.054	635.389	F[17]
A[9]	289.896	608.707	603.367	603.703	603.035	A[16]
P[10]	321.947	605.026	579.608	580.024	579.352	P[15]
K[11]	364.545	552.677	547.337	547.673	547.002	K[14]
K[12]	421.247	509.979	504.639	504.975	504.303	K[13]
G[13]	440.254	453.277	447.937	448.273	447.601	G[12]
S[14]	469.265	434.270	428.930	429.266	428.594	S[11]
K[15]	525.967	405.259	399.920	400.255	399.584	K[10]
K[16]	568.665	348.557	343.218	343.554	342.882	K[9]
A[17]	592.544	305.856	300.519	300.855	300.183	A[8]
V[18]	625.367	282.180	276.840	277.176	276.504	V[7]
T[19]	673.053	249.157	243.817	244.153	243.482	T[6]
K[20]	715.751	201.471	196.131	196.467	195.795	K[5]
A[21]	739.430	158.773	153.433	153.769	153.097	A[4]
Q[22]	782.116	135.094	129.754	130.090	129.418	Q[3]
K[23]	824.815	92.407	87.068	87.404	86.732	K[2]
K[24]	867.513	49.709	44.370	44.705	44.034	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=73.39
- ▶ F112754.dat
- ▶ query=q31536.p1
- ▶ precursor=434.423820
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.527	651.133	647.128	0.755	646.876	P[24]
E[2]	61.788	626.805	622.865	0.755	622.613	E[23]
P[3]	96.051	594.605	590.604	0.755	590.352	P[22]
A[4]	103.810	570.346	566.341	0.755	566.089	A[21]
K[5]	135.834	552.586	548.582	548.834	548.330	K[20]
S[6]	157.592	520.563	516.558	516.810	516.306	S[19]
A[7]	175.351	498.805	494.800	495.052	494.548	A[18]
F[8]	199.614	481.045	477.041	477.293	476.789	F[17]
A[9]	217.374	456.782	452.777	453.029	452.525	A[16]
P[10]	241.637	439.023	435.021	435.270	434.766	P[15]
K[11]	273.661	414.760	410.755	411.007	410.503	K[14]
K[12]	316.187	382.730	378.731	378.983	378.479	K[13]
G[13]	330.442	340.210	336.205	336.457	335.953	G[12]
S[14]	352.200	325.954	321.949	322.201	321.697	S[11]
K[15]	394.727	304.196	300.191	300.443	299.939	K[10]
K[16]	426.751	261.670	257.665	257.917	257.413	K[9]
A[17]	444.510	229.546	225.541	225.893	225.389	A[8]
V[18]	469.277	211.887	207.882	208.134	207.630	V[7]
T[19]	495.041	187.120	183.113	183.367	182.863	T[6]
K[20]	537.065	151.355	147.350	147.602	147.098	K[5]
A[21]	554.824	119.331	115.327	115.579	115.075	A[4]
Q[22]	586.839	101.572	97.567	97.819	97.315	Q[3]
K[23]	618.863	69.557	65.553	65.805	65.301	K[2]
K[24]	650.887	37.534	33.529	33.781	33.277	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=73.39
- ▶ F112754.dat
- ▶ query=q31536.p1
- ▶ precursor=434.423820
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	23.923	921.108	517.904	0.806	517.702	P[24]
E[2]	49.632	501.697	498.493	0.806	498.292	E[23]
P[3]	69.042	475.888	472.685	0.806	472.483	P[22]
A[4]	83.250	456.478	453.274	0.806	453.073	A[21]
K[5]	108.869	442.271	439.067	439.268	438.865	K[20]
S[6]	126.275	416.052	413.448	413.649	413.246	S[19]
A[7]	140.482	399.245	396.041	396.243	395.840	A[18]
P[8]	159.893	385.038	381.834	382.036	381.632	P[17]
A[9]	174.100	368.827	365.623	365.825	365.222	A[16]
P[10]	193.311	351.425	348.219	348.418	348.014	P[15]
K[11]	219.130	332.050	328.805	329.007	328.604	K[14]
K[12]	253.151	306.390	303.196	303.388	302.985	K[13]
G[13]	284.555	272.369	269.165	269.367	268.964	G[12]
S[14]	281.962	260.965	257.761	257.963	257.559	S[11]
K[15]	315.983	243.558	240.355	240.556	240.153	K[10]
K[16]	341.602	209.537	206.334	206.535	206.132	K[9]
A[17]	395.809	183.918	180.715	180.916	180.513	A[8]
V[18]	375.623	169.711	166.507	166.709	166.306	V[7]
T[19]	404.235	149.897	146.693	146.895	146.492	T[6]
K[20]	429.854	121.286	118.082	118.283	117.880	K[5]
A[21]	444.051	95.667	92.463	92.664	92.261	A[4]
Q[22]	469.673	81.459	78.255	78.457	78.054	Q[3]
K[23]	495.292	55.847	52.644	52.845	52.442	K[2]
K[24]	520.911	30.228	27.025	27.226	26.823	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^(Dimethyl)_(28.03) VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.98
- ▶ F112754.dat
- ▶ query=q31623.p1
- ▶ precursor=653.889510
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2612.533	2596.514	0.000	2595.507	S[23]
G[2]	304.098	2481.491	2467.472	0.000	2466.464	G[22]
R[3]	374.215	2626.469	2410.450	2411.458	2609.443	R[21]
G[4]	431.236	2256.352	2240.334	2241.341	2239.326	G[20]
K[5]	601.342	2199.331	2183.312	2184.320	2182.304	K[19]
G[6]	658.363	2029.225	2013.207	2014.214	2012.199	G[18]
G[7]	715.385	1972.204	1956.185	1957.193	1955.177	G[17]
K[8]	885.490	1915.182	1899.164	1900.172	1898.156	K[16]
G[9]	942.512	1745.077	1729.058	1730.066	1728.050	G[15]
L[10]	1055.596	1688.055	1672.037	1673.045	1671.029	L[14]
G[11]	1112.617	1574.971	1558.953	1559.960	1557.945	G[13]
K[12]	1222.723	1517.950	1501.931	1502.939	1500.923	K[12]
G[13]	1339.744	1347.844	1331.826	1332.833	1330.818	G[11]
G[14]	1396.766	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1467.803	1233.801	1217.783	1218.791	1216.775	A[9]
K[16]	1637.808	1162.764	1146.746	1147.753	1145.738	K[8]
R[17]	1794.059	992.659	976.640	977.648	975.632	R[7]
H[18]	1931.068	836.558	820.539	821.547	819.531	H[6]
R[19]	2087.189	699.499	683.480	684.488	682.472	R[5]
K[20]	2243.290	543.399	527.379	528.387	526.371	K[4]
V[21]	2342.994	387.271	371.253	372.261	370.245	V[3]
L[22]	2455.448	288.203	272.184	273.192	271.176	L[2]
R[23]	2611.549	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR ^{Methyl} 14.02 GK ^{Acetyl} 42.01 GGK ^{Acetyl} 42.01 GLGK ^{Acetyl} 42.01 GGAK ^{Acetyl} 42.01 RHRK ^(Dimethyl) 28.03 VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.98
- ▶ F112754.dat
- ▶ query=q31623_p1
- ▶ precursor=653.889510
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1306.770	1298.761	0.504	1298.257	S(2)
G	2	102.553	1242.240	1234.240	0.504	1233.736	G(2)
R	3	187.611	1213.738	1206.739	1206.233	1205.225	R(2)
G	4	216.122	1128.686	1120.670	1121.174	1120.167	G(2)
K	5	301.174	1100.169	1092.160	1092.664	1091.656	K(2)
G	6	339.685	1015.117	1007.107	1007.611	1006.603	G(2)
G	7	358.196	986.606	978.596	979.100	978.092	G(2)
K	8	443.249	950.095	950.095	950.589	949.582	K(2)
G	9	471.759	873.042	865.033	865.537	864.529	G(2)
L	10	528.301	844.531	836.522	837.026	836.018	L(2)
G	11	556.812	787.069	779.060	780.484	779.476	G(2)
K	12	641.866	759.476	751.469	751.973	750.965	K(2)
G	13	670.376	674.426	666.416	666.920	665.913	G(2)
G	14	698.886	645.915	637.906	638.410	637.402	G(2)
A	15	734.405	617.404	609.395	609.899	608.891	A(2)
R	16	819.458	581.898	573.876	574.380	573.373	R(2)
R	17	897.508	496.833	488.824	489.328	488.320	R(2)
T	18	956.936	418.782	410.773	411.277	410.269	T(2)
R	19	1044.088	350.253	342.244	342.748	341.740	R(2)
K	20	1122.151	272.202	264.193	264.697	263.689	K(2)
V	21	1171.686	194.139	186.130	186.634	185.626	V(2)
L	22	1228.228	144.609	136.596	137.100	136.092	L(2)
R	23	1306.278	88.083	80.054	80.558	79.550	R(2)

sp | P62806 | H4_MOUSE

[Acetyl]SGR ^{Methyl} 14.02 GK ^{Acetyl} 42.01 GGK ^{Acetyl} 42.01 GLGK ^{Acetyl} 42.01 GGAK ^{Acetyl} 42.01 RHRK (Dimethyl) VLR (28.03)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.98
- ▶ F112754.dat
- ▶ query=q31623.p1
- ▶ precursor=653.889510
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	871.516	866.176	0.672	865.840	S 23
G 2	68.704	828.502	823.162	0.672	822.826	G 22
R 3	125.410	809.495	804.155	804.491	803.819	R 21
G 4	144.817	792.789	747.449	747.789	747.113	G 20
K 5	201.119	733.782	728.442	728.778	728.106	K 19
G 6	220.126	677.080	671.740	672.076	671.404	G 18
G 7	239.133	658.073	652.733	653.069	652.397	G 17
K 8	295.835	639.066	633.726	634.062	633.390	K 16
G 9	314.842	582.364	577.024	577.360	576.688	G 15
L 10	352.537	563.357	558.017	558.353	557.681	L 14
G 11	371.544	525.662	520.322	520.658	519.986	G 13
K 12	428.246	506.655	501.315	501.651	500.979	K 12
G 13	447.253	449.953	444.613	444.949	444.277	G 11
G 14	499.260	430.946	425.606	425.942	425.270	G 10
A 15	489.939	411.939	406.599	406.935	406.263	A 9
K 16	546.641	388.260	382.920	383.256	382.584	K 8
R 17	598.675	331.558	326.218	326.554	325.882	R 7
H 18	644.361	279.524	274.184	274.520	273.849	H 6
R 19	696.395	233.838	228.498	228.834	228.162	R 5
K 20	748.437	181.804	176.464	176.800	176.129	K 4
V 21	781.460	129.762	124.422	124.758	124.086	V 3
L 22	819.154	98.739	91.400	91.736	91.064	L 2
R 23	871.188	39.045	31.705	34.041	33.369	R 1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKS ^{Acetyl} 42.01 APAPKK ^{Acetyl} 42.01 GSK ^{Acetyl} 42.01 K ^{Acetyl} 42.01 AVTK ^{Acetyl} 42.01 AQKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.47
- ▶ F112754.dat
- ▶ query=q32169_p1
- ▶ precursor=672.138750
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.007	2605.530	2660.511	0.000	2668.503	P24
E2	244.129	2588.477	2572.458	0.000	2571.450	E23
P3	341.182	2450.434	2443.415	0.000	2442.406	P22
A4	412.219	2302.392	2346.383	0.000	2345.355	A21
K5	540.314	2291.345	2275.326	2276.334	2274.318	K20
S6	669.357	2163.250	2147.231	2148.239	2146.223	S19
A7	740.394	2034.207	2016.188	2019.196	2017.180	A18
P8	837.446	1963.170	1947.151	1948.159	1946.143	P17
A9	859.484	1898.117	1850.098	1851.106	1849.091	A16
P10	1005.536	1795.080	1779.061	1780.069	1778.053	P15
K11	1133.631	1698.027	1682.009	1683.016	1681.001	K14
K12	1303.737	1569.932	1553.914	1554.921	1552.906	K13
G13	1360.758	1399.827	1383.808	1384.816	1382.800	G12
S14	1447.790	1342.805	1326.787	1327.794	1325.779	S11
K15	1617.896	1258.772	1229.755	1240.762	1238.747	K10
K16	1738.913	1205.648	1169.649	1170.657	1168.641	K9
A17	1859.039	915.562	890.543	900.551	895.536	A8
V18	1958.107	844.525	828.506	829.514	827.499	V7
T19	2059.155	745.457	729.438	730.446	728.430	T6
K20	2229.260	644.409	628.390	629.398	627.382	K5
A21	2300.297	474.303	455.285	456.293	454.277	A4
Q22	2428.356	403.296	387.248	388.256	386.240	Q3
K23	2556.451	275.208	259.189	260.197	258.181	K2
K24	2684.546	147.113	131.004	132.102	130.986	K1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKS Acetyl 42.01 APAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 AQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.47
- ▶ F112754.dat
- ▶ query=q32169_p1
- ▶ precursor=672.138750
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	58.047	1343.269	1335.259	0.504	1334.755	P 24
E 2	122.568	1294.742	1286.733	0.504	1286.229	E 23
P 3	171.095	1230.221	1222.211	0.504	1221.706	P 22
A 4	206.613	1181.694	1173.685	0.504	1173.181	A 21
K 5	270.561	1146.176	1138.167	1138.670	1137.662	K 20
S 6	335.182	1082.128	1074.119	1074.623	1073.615	S 19
A 7	370.701	1017.607	1009.598	1010.102	1009.094	A 18
P 8	419.227	982.089	974.079	974.583	973.575	P 17
A 9	454.745	933.562	925.553	926.057	925.049	A 16
T 10	503.272	898.044	890.034	890.538	889.530	T 15
K 11	507.319	849.517	841.508	842.012	841.004	K 14
K 12	652.372	785.470	777.460	777.964	776.956	K 13
G 13	680.883	700.417	692.408	692.912	691.904	G 12
S 14	724.399	673.000	663.897	664.401	663.393	S 11
K 15	809.452	628.300	620.301	620.885	619.877	K 10
K 16	804.904	543.337	535.338	535.839	534.840	K 9
A 17	930.023	458.285	450.275	450.779	449.771	A 8
V 18	979.557	422.768	414.757	415.261	414.253	V 7
T 19	1030.081	373.232	365.223	365.727	364.719	T 6
K 20	1115.134	322.708	314.699	315.203	314.195	K 5
A 21	1157.652	297.655	289.646	290.150	289.142	A 4
Q 22	1214.682	202.137	194.127	194.631	193.623	Q 3
K 23	1278.729	138.108	130.098	130.602	129.594	K 2
K 24	1342.777	74.060	66.051	66.555	65.547	K 1

sp | Q6ZWY9 | H2B1C_MOUSE

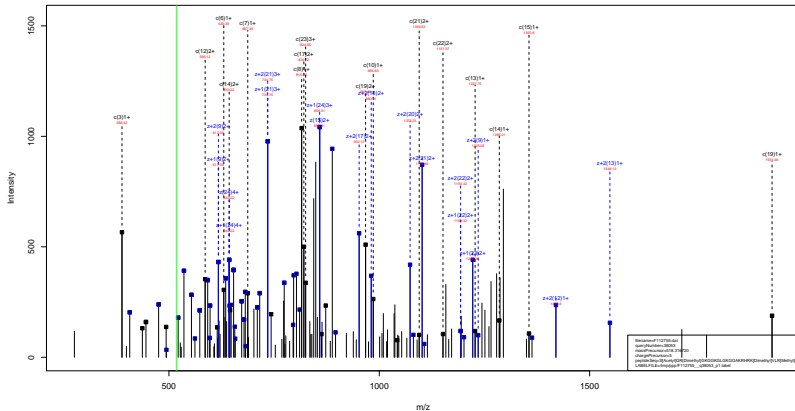
PEPAKS Acetyl 42.01 APAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 AQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.47
- ▶ F112754.dat
- ▶ query=q32169_p1
- ▶ precursor=672.138750
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	895.848	890.509	0.672	890.173	P[24]
E[2]	82.048	863.497	858.158	0.672	857.822	E[23]
P[3]	114.999	820.483	815.143	0.672	814.807	P[22]
A[4]	138.078	788.132	782.792	0.672	782.457	A[21]
K[5]	180.776	764.453	759.113	759.449	758.778	K[20]
S[6]	223.790	721.755	716.415	716.751	716.079	S[19]
A[7]	247.469	678.741	673.401	673.737	673.065	A[18]
P[8]	279.820	655.061	649.722	650.058	649.386	P[17]
A[9]	303.999	622.711	617.371	617.707	617.035	A[16]
P[10]	338.890	599.032	593.692	594.028	593.356	P[15]
K[11]	378.549	566.681	561.341	561.677	561.005	K[14]
K[12]	435.250	523.982	518.643	518.979	518.307	K[13]
G[13]	454.258	467.280	461.941	462.277	461.605	G[12]
S[14]	483.268	448.273	442.934	443.270	442.598	S[11]
K[15]	539.970	419.263	413.923	414.259	413.587	K[10]
K[16]	596.672	382.561	377.221	377.557	376.885	K[9]
A[17]	620.351	305.859	300.519	300.855	300.183	A[8]
V[18]	653.374	282.180	276.840	277.176	276.504	V[7]
T[19]	687.056	249.157	243.817	244.153	243.482	T[6]
K[20]	743.758	215.475	210.135	210.471	209.799	K[5]
A[21]	767.437	158.773	153.433	153.769	153.097	A[4]
Q[22]	810.123	135.094	129.754	130.090	129.418	Q[3]
K[23]	852.822	92.407	87.068	87.404	86.732	K[2]
K[24]	895.520	49.709	44.370	44.705	44.034	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl}_{28.03} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLR^{Methyl}_{14.02} D



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl}_{28.03} GKGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLR^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=98.62
- ▶ F112755.dat
- ▶ query=q38053.p1
- ▶ precursor=518.316720
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2587.549	2571.530	0.000	2570.523	S[24]
Q	2	204.098	2438.507	2442.488	0.000	2441.480	Q[23]
T	3	308.230	2302.485	2308.468	2309.474	2304.459	T[22]
G	4	445.252	2217.353	2201.134	2202.342	2200.325	G[21]
K	5	573.147	2160.311	2144.311	2145.120	2143.305	K[20]
G	6	630.368	2032.238	2016.218	2017.225	2015.210	G[19]
G	7	687.390	1975.215	1959.190	1960.204	1958.189	G[18]
K	8	815.485	1918.193	1902.173	1903.182	1901.167	K[17]
G	9	872.506	1790.098	1774.080	1775.087	1773.072	G[16]
L	10	935.590	1733.071	1717.059	1718.066	1716.056	L[15]
G	11	1042.612	1619.993	1603.974	1604.982	1602.968	G[14]
K	12	1170.707	1562.971	1546.953	1547.960	1545.945	K[13]
G	13	1227.728	1434.878	1418.859	1419.866	1417.850	G[12]
G	14	1284.749	1377.855	1361.830	1362.844	1360.828	G[11]
A	15	1355.787	1320.833	1304.813	1305.823	1303.807	A[10]
K	16	1483.882	1249.795	1233.773	1234.785	1232.770	K[9]
R	17	1639.983	1171.701	1155.683	1156.691	1154.675	R[8]
H	18	1777.042	995.008	949.582	950.589	948.574	H[7]
R	19	1933.143	828.541	812.523	813.530	811.515	R[6]
K	20	2069.209	672.440	656.422	657.429	655.414	K[5]
V	21	2188.337	516.314	500.295	501.303	499.287	V[4]
L	22	2301.421	417.246	401.227	402.235	400.219	L[3]
I	23	2473.538	304.162	288.143	289.151	287.135	I[2]
D	24	2586.565	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl}_{28.03} GKGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLR^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=98.62
- ▶ F112755.dat
- ▶ query=q38053.p1
- ▶ precursor=518.316720
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.219	1296.269	0.504	1295.765	S[24]
G[2]	102.553	1220.757	1221.748	0.504	1221.244	G[23]
R[3]	194.619	1201.246	1193.237	1193.741	1192.733	R[22]
G[4]	223.330	1179.193	1181.177	1101.875	1100.667	G[21]
K[5]	287.177	1080.669	1072.680	1073.164	1072.156	K[20]
G[6]	315.688	1016.622	1008.612	1000.116	1008.108	G[19]
G[7]	344.196	968.111	960.100	980.606	979.596	G[18]
K[8]	408.246	959.600	951.591	952.095	951.087	K[17]
G[9]	436.757	895.553	887.543	888.047	887.040	G[16]
L[10]	493.299	887.042	879.033	879.537	858.529	L[15]
G[11]	521.809	810.500	802.491	802.995	801.987	G[14]
K[12]	585.857	781.989	773.980	774.484	773.476	K[13]
G[13]	614.368	717.942	709.932	710.436	709.429	G[12]
G[14]	642.878	689.431	681.422	681.926	680.918	G[11]
A[15]	678.397	660.920	652.911	653.415	652.407	A[10]
R[16]	742.444	565.902	617.392	617.896	616.889	R[9]
R[17]	820.495	561.354	553.345	553.849	552.841	R[8]
H[18]	880.024	483.304	475.294	475.798	474.791	H[7]
R[19]	967.075	414.774	406.765	407.269	406.261	R[6]
K[20]	1045.138	336.724	328.714	320.218	328.211	K[5]
V[21]	1094.672	250.663	242.653	251.155	250.147	V[4]
L[22]	1151.214	269.128	261.117	261.621	260.613	L[3]
R[23]	1238.273	152.584	144.575	145.079	144.071	R[2]
D[24]	1293.786	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl}_{28.03} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLR^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=98.62
- ▶ F112755.dat
- ▶ query=q38053.p1
- ▶ precursor=518.316720
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	883.188	857.848	0.672	857.512	S[24]
G[2]	58.704	820.174	814.834	0.672	814.498	G[23]
R[3]	130.082	801.167	795.827	796.163	795.491	R[22]
G[4]	149.089	739.789	734.450	734.785	734.114	G[21]
K[5]	191.787	720.782	715.442	715.778	715.106	K[20]
G[6]	210.794	678.084	672.744	673.080	672.408	G[19]
G[7]	229.801	659.076	653.737	654.073	653.401	G[18]
K[8]	272.500	640.069	634.730	635.066	634.394	K[17]
G[9]	291.507	597.371	592.031	592.367	591.695	G[16]
L[10]	329.202	578.364	573.024	573.360	572.688	L[15]
G[11]	348.209	540.669	535.330	535.666	534.994	G[14]
K[12]	390.907	521.662	516.322	516.658	515.986	K[13]
G[13]	409.914	478.964	473.624	473.960	473.288	G[12]
G[14]	428.921	459.957	454.617	454.953	454.281	G[11]
A[15]	452.600	440.949	435.610	435.946	435.274	A[10]
K[16]	495.299	417.270	411.931	412.267	411.595	K[9]
R[17]	547.132	374.572	369.232	369.568	368.896	R[8]
H[18]	593.019	322.538	317.199	317.535	316.863	H[7]
R[19]	645.052	276.852	271.512	271.848	271.176	R[6]
K[20]	697.059	224.818	219.478	219.815	219.143	K[5]
V[21]	730.117	172.776	167.437	167.773	167.101	V[4]
L[22]	767.812	130.753	134.414	134.750	134.078	L[3]
R[23]	824.518	102.059	96.719	97.055	96.383	R[2]
D[24]	862.860	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

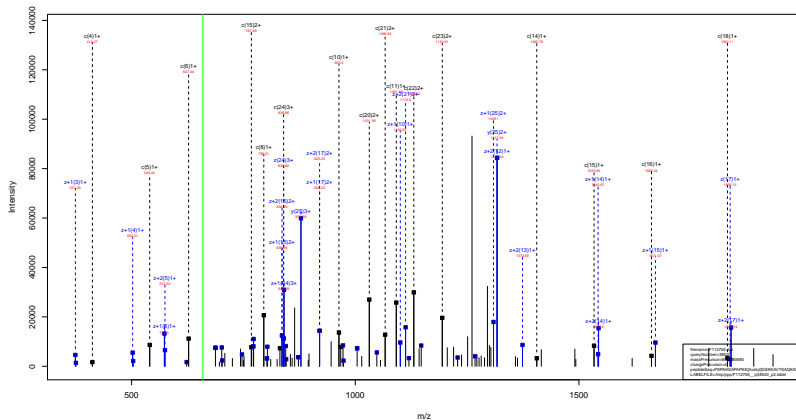
[Acetyl]SGR^{Dimethyl}_{28.03} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLR^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=98.62
- ▶ F112755.dat
- ▶ query=q38053.p1
- ▶ precursor=518.316720
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.643	643.638	0.755	643.186	S[24]
G[2]	51.780	615.382	611.377	0.755	611.125	G[23]
R[3]	97.813	601.127	597.122	597.374	596.870	R[22]
G[4]	112.068	555.094	551.089	551.341	550.837	G[21]
K[5]	144.092	540.838	536.834	537.086	536.582	K[20]
G[6]	158.348	508.615	504.610	505.062	504.558	G[19]
G[7]	172.603	494.559	490.554	490.806	490.303	G[18]
K[8]	204.627	480.304	476.299	476.551	476.047	K[17]
G[9]	218.882	448.280	445.275	445.527	444.923	G[16]
L[10]	287.153	434.025	430.020	430.272	429.768	L[15]
G[11]	351.408	405.754	401.749	402.001	401.497	G[14]
K[12]	293.432	391.498	387.494	387.746	387.242	K[13]
G[13]	307.687	359.475	355.470	355.722	355.218	G[12]
G[14]	321.943	345.219	341.215	341.466	340.963	G[11]
A[15]	339.702	330.964	326.959	327.211	326.707	A[10]
K[16]	371.726	313.205	309.200	309.452	308.948	K[9]
R[17]	410.751	281.181	277.176	277.428	276.924	R[8]
H[18]	445.016	262.156	258.151	258.403	257.899	H[7]
R[19]	484.041	207.891	203.886	204.138	203.634	R[6]
K[20]	523.073	158.866	154.861	155.113	154.609	K[5]
V[21]	547.840	129.834	125.829	126.081	125.577	V[4]
L[22]	576.111	105.067	101.062	101.314	100.810	L[3]
R[23]	618.640	76.796	72.791	73.043	72.539	R[2]
D[24]	647.397	34.267	30.262	30.514	30.010	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl GSKKAVTKAQKKD
42.01



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.88
- ▶ F112755.dat
- ▶ query=q38520_p2
- ▶ precursor=658.880680
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA	
P	1	115.087	2832.514	2816.490	0.000	2815.466	P[25]
E	2	244.229	2335.468	2319.443	0.000	2318.420	E[24]
P	3	341.182	2406.419	2390.400	0.000	2389.381	P[23]
A	4	412.219	2309.366	2293.348	0.000	2292.340	A[22]
K	5	540.314	2238.329	2222.311	2221.318	2221.301	K[21]
S	6	627.346	2110.234	2094.216	2093.213	2093.208	S[20]
A	7	697.363	2023.202	2007.184	2006.191	2006.176	A[19]
P	8	795.436	1962.166	1946.148	1945.154	1945.139	P[18]
A	9	866.473	1855.112	1839.094	1840.101	1838.086	A[17]
P	10	963.526	1784.075	1768.057	1769.064	1767.049	P[16]
K	11	1091.621	1687.022	1671.004	1672.012	1669.996	K[15]
K	12	1261.726	1558.928	1542.909	1543.917	1541.901	K[14]
Q	13	1318.749	1386.822	1372.803	1373.811	1371.795	Q[13]
S	14	1405.780	1331.801	1315.782	1316.790	1314.774	S[12]
K	15	1533.875	1244.768	1228.750	1229.758	1227.742	K[11]
K	16	1661.970	1116.674	1100.655	1101.663	1099.647	K[10]
A	17	1733.007	988.579	972.560	973.568	971.552	A[9]
V	18	1832.075	917.541	901.523	902.531	900.515	V[8]
T	19	1833.123	816.472	802.454	803.462	801.446	T[7]
K	20	2001.218	717.425	701.407	702.414	700.399	K[6]
A	21	2132.255	589.330	573.312	574.320	572.304	A[5]
Q	22	2280.314	518.293	502.275	503.282	501.267	Q[4]
K	23	2388.409	409.235	374.216	375.224	373.209	K[3]
K	24	2516.504	362.140	246.121	247.129	245.113	K[2]
D	25	2831.530	134.045	118.026	119.034	117.018	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.88
- ▶ F112755.dat
- ▶ query=q38520_p2
- ▶ precursor=658.880680
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	1316.761	1308.752	0.504	1308.246	P[25]
E[3]	132.588	1366.234	1290.225	0.504	1290.721	E[24]
P[3]	171.095	1333.713	1195.704	0.504	1195.200	P[23]
A[4]	206.613	1155.187	1147.177	0.504	1146.674	A[22]
K[5]	270.661	1119.668	1111.659	1112.163	1111.155	K[21]
S[6]	314.177	1055.621	1047.611	1048.115	1047.107	S[20]
A[7]	349.695	1012.105	1004.095	1004.599	1003.591	A[19]
F[8]	389.222	976.589	968.579	969.083	968.074	F[18]
A[9]	433.740	928.062	920.050	920.554	919.547	A[17]
P[10]	482.267	892.541	884.532	885.036	884.028	P[16]
K[11]	526.114	844.015	836.006	836.509	835.500	K[15]
K[12]	631.367	779.967	771.958	772.462	771.454	K[14]
Q[13]	659.376	804.913	806.905	807.409	806.401	Q[13]
S[14]	703.104	666.404	658.395	658.899	657.891	S[12]
K[15]	767.441	622.888	614.879	615.382	614.375	K[11]
K[16]	831.488	558.840	550.831	551.335	550.327	K[10]
A[17]	897.007	694.797	686.788	687.292	686.284	A[9]
V[18]	917.541	459.274	451.265	451.769	450.761	V[9]
T[19]	967.065	409.740	401.731	402.235	401.227	T[17]
K[20]	1031.113	359.210	351.201	351.711	350.703	K[6]
A[21]	1066.631	295.160	287.150	287.661	286.656	A[5]
Q[22]	1130.660	259.650	251.641	252.145	251.137	Q[4]
K[23]	1194.708	195.621	187.612	188.116	187.108	K[3]
K[24]	1258.755	131.574	123.564	124.068	123.060	K[2]
E[25]	1316.289	87.528	89.517	90.021	89.013	E[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=66.88
- ▶ F112755.dat
- ▶ query=q38520.p2
- ▶ precursor=658.880680
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[5]	39.034	878.176	872.837	0.672	872.501	P[25]
E[2]	82.048	845.825	840.486	0.672	840.150	E[24]
P[3]	114.399	802.811	797.472	0.672	797.135	P[23]
A[4]	138.078	770.460	765.121	0.672	764.785	A[22]
K[5]	180.776	746.781	741.442	741.778	741.156	K[21]
S[6]	209.737	704.583	699.743	699.079	698.407	S[20]
A[7]	233.466	675.072	669.733	670.069	669.397	A[19]
P[8]	265.817	651.393	646.054	646.390	645.718	P[18]
A[9]	289.496	619.042	613.703	614.039	613.367	A[17]
P[10]	321.847	595.363	590.024	590.360	589.688	P[16]
K[11]	364.545	563.012	557.673	558.009	557.337	K[15]
K[12]	421.247	520.314	514.974	515.310	514.639	K[14]
G[13]	440.254	493.612	488.273	488.609	487.937	G[13]
S[14]	469.265	444.605	439.265	439.601	438.930	S[12]
K[15]	511.963	415.594	410.255	410.591	409.919	K[11]
K[16]	554.051	372.896	367.556	367.892	367.221	K[10]
A[17]	578.140	330.196	324.856	325.194	324.522	A[9]
V[18]	611.363	306.519	301.179	301.515	300.843	V[8]
T[19]	645.046	273.496	268.156	268.492	267.820	T[7]
K[20]	687.744	239.813	234.474	234.810	234.138	K[6]
A[21]	711.423	197.113	191.773	192.111	191.439	A[5]
Q[22]	754.109	173.436	168.096	168.432	167.760	Q[4]
K[23]	796.808	130.750	125.410	125.746	125.074	K[3]
K[24]	839.506	88.051	82.712	83.048	82.376	K[2]
D[25]	877.848	45.353	40.014	40.349	39.678	D[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Acetyl}_{42.01} LLGK^{Methyl}_{14.02} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.31
- ▶ F112755.dat
- ▶ query=q41779_p1
- ▶ precursor=778.725030
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3111.887	3095.888	0.000	3094.889	L 29
N 2	345.161	2998.803	2982.794	2963.793	2961.778	N 28
K 3	415.206	2884.760	2866.741	2859.749	2867.733	K 27
L 4	528.350	2714.654	2698.636	2699.643	2697.629	L 26
L 5	641.434	2601.570	2585.551	2586.559	2584.544	L 25
Q 6	698.458	2488.486	2472.467	2473.475	2471.460	Q 24
K 7	840.597	2331.465	2315.446	2316.454	2314.438	K 23
V 8	939.635	2289.354	2273.335	2274.343	2272.327	V 22
T 9	1040.683	2190.288	2174.269	2175.275	2173.259	T 21
I 10	1153.767	2089.238	2073.219	2074.227	2072.211	I 20
A 11	1224.804	1978.154	1962.135	1963.143	1961.127	A 19
Q 12	1352.862	1895.111	1889.094	1890.106	1888.090	Q 18
G 13	1408.904	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1466.905	1720.937	1704.918	1705.926	1703.910	G 16
V 15	1565.974	1663.015	1646.997	1646.004	1645.989	V 15
L 16	1679.058	1563.947	1547.928	1548.936	1546.920	L 14
F 17	1778.111	1450.893	1434.864	1435.872	1433.856	F 13
TW 18	1899.133	1383.810	1367.791	1368.799	1366.783	TW 12
I 19	2003.238	1239.767	1223.748	1224.756	1222.741	I 11
Q 20	2131.296	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2202.331	998.624	982.606	983.614	981.598	A 9
V 22	2301.402	927.587	911.569	912.576	910.561	V 8
L 23	2414.486	828.519	812.500	813.508	811.492	L 7
L 24	2527.570	715.435	699.415	700.424	698.408	L 6
P 25	2624.623	602.351	586.332	587.340	585.324	P 5
K 26	2752.718	505.298	489.279	490.287	488.271	K 4
K 27	3880.812	377.203	361.184	362.192	360.177	K 3
T 28	2981.850	249.138	233.089	234.097	232.082	T 2
E 29	3110.903	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Acetyl}_{42.01} LLGK^{Methyl}_{14.02} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.31
- ▶ F112755.dat
- ▶ query=q41779_p1
- ▶ precursor=778.725030
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
L	1	66.053	1556.447	1548.438	8.504	1547.934	L126
N	2	123.054	1699.905	1491.896	1492.400	1491.392	N020
K	3	208.137	1442.884	1434.874	1435.378	1434.370	K027
L	4	294.679	1337.811	1349.823	1350.326	1346.317	L126
L	5	321.221	1300.269	1293.279	1293.783	1292.775	L125
G	6	389.752	1244.747	1236.737	1237.241	1235.233	G04
K	7	420.787	1216.230	1208.227	1208.731	1207.723	K023
V	8	470.321	1145.181	1137.171	1137.675	1136.667	V022
T	9	520.845	1095.646	1087.637	1088.141	1087.133	T021
T	10	577.387	1045.123	1037.113	1037.617	1036.609	T020
A	11	622.866	1008.583	998.571	998.075	998.067	A019
Q	12	678.939	953.062	945.053	945.557	944.549	Q018
G	13	705.446	899.033	891.023	891.527	890.519	G017
G	14	733.956	860.522	852.513	853.017	852.009	G016
V	15	783.491	832.011	824.002	824.506	823.498	V015
L	16	840.033	782.477	774.468	774.972	773.964	L114
T	17	888.559	728.935	721.926	722.430	721.422	T013
N	18	945.580	677.400	669.390	669.893	668.885	N012
I	19	1002.122	620.867	612.858	612.862	611.874	I011
Q	20	1066.152	563.845	555.836	556.340	555.332	Q010
A	21	1101.670	499.816	491.807	492.310	491.303	A010
V	22	1151.204	484.297	476.288	476.792	475.784	V009
L	23	1207.747	414.763	406.754	407.258	406.250	L111
L	24	1264.289	358.221	350.212	350.716	349.708	L104
P	25	1312.815	301.679	293.670	294.174	293.166	P009
K	26	1376.862	253.153	245.143	245.647	244.639	K04
K	27	1440.910	189.105	181.096	181.600	180.592	K03
T	28	1481.434	125.058	117.048	117.552	116.544	T02
E	29	1555.955	74.534	66.524	67.028	66.021	E01

sp | Q6GSS7 | H2A2A_MOUSE

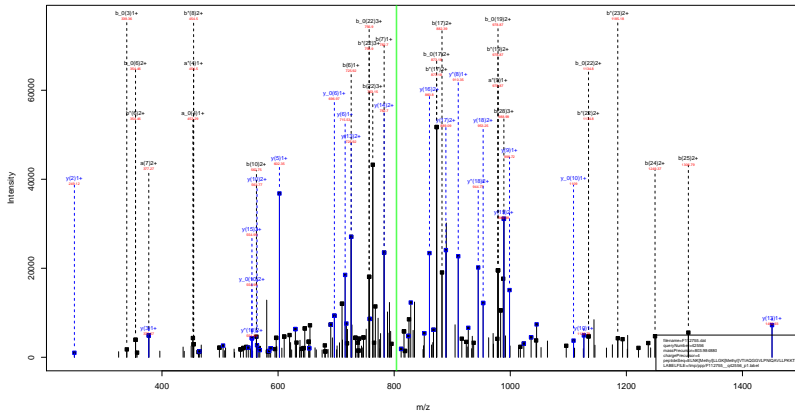
LNK^{Acetyl}42.01 LLGK^{Methyl}14.02 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.31
- ▶ F112755.dat
- ▶ query=q41779_p1
- ▶ precursor=778.725030
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1037.967	1032.628	0.672	1032.292	L29
N2	62.302	1000.272	994.933	995.269	994.597	N28
K3	139.094	962.258	956.919	957.254	956.583	K27
L4	176.768	905.556	900.217	900.553	899.881	L26
L5	214.483	867.862	862.523	862.858	862.182	L25
Q6	233.490	830.167	824.827	825.163	824.491	Q24
K7	280.860	811.160	805.820	806.156	805.484	K23
V8	313.883	763.790	758.450	758.786	758.114	V22
T9	347.566	730.767	725.427	725.763	725.091	T21
I10	385.260	697.084	691.745	692.081	691.409	I20
A11	468.039	659.389	654.050	654.386	653.714	A19
Q12	493.606	626.710	621.371	621.707	621.035	Q18
Q13	470.633	593.024	587.685	588.021	587.349	Q17
Q14	489.640	574.017	568.678	569.013	568.342	Q16
V15	522.603	555.010	549.670	550.006	549.334	V15
L16	560.357	521.987	516.648	516.984	516.312	L14
P17	562.708	484.292	478.953	479.289	478.617	P13
N18	630.723	451.942	446.602	446.938	446.266	N12
I19	668.417	413.927	408.588	408.924	408.252	I11
Q20	711.104	376.233	370.893	371.229	370.557	Q10
A21	734.783	333.546	328.207	328.543	327.871	A9
V22	767.805	309.867	304.528	304.864	304.192	V8
L23	805.500	276.844	271.505	271.841	271.169	L7
L24	843.195	239.150	233.810	234.146	233.474	L6
T25	875.949	201.455	196.116	196.453	195.781	T5
K26	918.244	169.100	163.760	164.101	163.429	K4
K27	960.942	136.406	131.066	131.402	130.730	K3
T28	994.625	83.708	78.368	78.704	78.032	T2
E29	1037.639	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

ELNK ^{Methyl} 14.02 LLGK ^{Methyl} 14.02 VTIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

ELNK ^{Methyl} 14.02 LLGK ^{Methyl} 14.02 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=50.82
- ▶ F112755.dat
- ▶ query=q42556.p1
- ▶ precursor=803.984880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a,Δ	b	b ⁺	b,Δ	y	y ⁺	y,Δ	AA	
L1	3000000	0	0	0	0	0	0	0	0	L130	
L2	215130	0	0	0	0	0	0	0	0	L129	
N3	37810	0	0	0	0	0	0	0	0	N28	
N4	171000	454,268	453,283	499,287	482,284	482,284	0	0	0	N27	
L5	594,377	551,353	550,366	432,357	505,365	594,381	274,354	297,325	288,644	L26	
L6	697,461	680,434	678,433	725,456	708,439	707,439	361,433	374,444	361,503	L25	
N7	724302	737,458	736,474	762,477	765,451	764,451	284,450	297,460	297,500	N24	
N8	706700	819,493	818,506	824,508	807,503	806,503	305,502	303,501	294,500	N23	
V9	805001	978,635	977,651	1023,656	1006,639	1005,639	348,634	372,631	371,541	V22	
T10	1096,709	1079,682	1078,688	1124,708	1120,677	1120,673	318,673	314,283	2174,299	2172,275	T21
L11	1200000	1300,700	1299,702	1337,708	1320,701	1320,697	328,702	329,219	2172,271	2172,272	L20
A12	1300000	1301,800	1292,810	1300,800	1300,800	1300,800	1970,814	1870,154	1893,127	1898,141	A19
Q13	1400000	1301,800	1300,810	1430,804	1419,807	1418,813	1865,817	1888,800	1887,128	Q18	
Q14	1500000	1302,800	1294,808	1439,809	1428,812	1427,818	1777,823	1829,806	1828,820	Q17	
Q15	1522000	1305,808	1298,822	1450,809	1433,800	1434,810	1740,821	1761,810	1762,508	Q16	
V16	1622000	1304,800	1292,808	1459,808	1432,808	1431,808	1611,808	1661,811	1645,808	V15	
L17	1722000	1311,800	1297,810	1471,810	1456,804	1455,810	1501,804	1549,810	1549,810	L14	
F18	1822137	1315,130	1284,125	1480,123	1463,108	1464,123	1450,803	1443,826	2437,827	F13	
N19	1948100	1309,100	1298,108	1474,113	1457,148	1456,148	1333,829	1339,783	1335,789	N12	
N20	2000000	1302,800	1294,808	1479,809	1461,804	1462,809	1232,810	1222,791	1221,807	N11	
Q21	2107700	1310,200	1299,212	1475,811	1458,201	1459,207	1126,803	1109,800	1108,872	Q19	
A22	2200000	1311,800	1296,804	1468,804	1450,802	1451,802	1008,802	981,808	981,514	A18	
V23	2317428	1290,800	1286,412	1438,412	1430,396	1431,412	927,587	910,581	908,577	V18	
L24	2411113	1291,400	1282,704	1428,704	1421,400	1422,400	826,519	811,492	808,708	L17	
L25	2511304	1290,100	1285,304	1411,301	1404,304	1403,304	715,435	707,424	707,424	L16	
P26	2603049	1281,600	1282,630	1378,644	1361,617	1362,633	602,351	585,324	584,340	P15	
K27	2700000	1280,000	1280,000	1368,000	1353,000	1353,000	505,308	488,319	487,300	K14	
R28	2800000	1281,812	1281,828	1354,834	1347,807	1346,813	377,203	365,174	362,181	R13	
T29	2917000	1281,800	1278,778	1355,811	1346,800	1347,800	249,108	235,000	235,000	T12	
E30	3000000	1280,000	1280,000	1344,824	1337,800	1337,800	148,800	0,000	130,000	E11	

sp | Q6GSS7 | H2A2A_MOUSE

ELNK^{Methyl}_{14.02} LLGK^{Methyl}_{14.02} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=50.82
- ▶ F112755.dat
- ▶ query=q42556.p1
- ▶ precursor=803.984880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	i	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
L1	1	106193	1	106193	44	106193	1	106193	106193	106193	L120
L2	1	106193	1	106193	106193	1	106193	106193	106193	106193	L120
N3	1	106193	106193	106193	1	106193	1	106193	106193	106193	N120
L4	1	106193	106193	106193	106193	1	106193	106193	106193	106193	L120
L5	1	106193	106193	106193	106193	106193	1	106193	106193	106193	L120
L6	1	106193	106193	106193	106193	106193	106193	1	106193	106193	L120
L7	1	106193	106193	106193	106193	106193	106193	106193	1	106193	L120
N8	1	106193	106193	106193	106193	106193	106193	106193	106193	106193	N120
V9	1	106193	106193	106193	106193	106193	106193	106193	106193	106193	V120
T101	1	548856	548345	539853	562836	554343	551352	1087133	1087133	1088046	T121
L11	1	548856	539857	536355	618338	618384	618382	1045123	1045123	1046036	L121
A121	1	648919	631431	631913	654916	646403	645911	988581	988581	989591	A119
Q13	1	688437	685433	685843	718945	718432	706940	951082	944549	944357	Q118
Q14	1	715468	698368	698883	747456	738943	738451	889331	889331	889841	Q117
Q15	1	761359	751452	762364	776385	767454	766385	868522	862369	861517	Q116
V16	1	811504	801599	802498	825501	816988	816496	881211	874466	873588	V115
L17	1	868048	868362	868676	882643	873530	873038	782417	773564	773472	L114
F118	1	916372	908359	907587	936368	927356	926368	725935	717422	716530	F113
N119	1	971301	968388	964388	987591	978078	978586	677469	668889	668411	N112
N120	1	988748	988262	988176	1044133	1035620	1035128	628767	613276	612386	N111
Q121	1	1016708	1016624	1016540	1141381	1134676	1134184	489316	481301	480811	Q110
A22	1	1108281	1108197	1108113	1191215	1184702	1184210	464287	458784	458282	A18
V23	1	1179238	1179154	1179070	1248317	1241712	1241220	416719	408266	407774	V18
L24	1	1202308	1202224	1202140	1268399	1261794	1261302	348738	340285	339793	L18
P25	1	1340330	1339246	1338162	1394815	1388210	1387718	301874	293321	292829	P18
R26	1	1404916	1403832	1402748	1468899	1462294	1461802	248893	240340	239848	R18
R27	1	1458513	1458429	1458345	1524942	1518337	1517845	189155	180602	180110	R13
L28	1	1512417	1512333	1512249	1578446	1571841	1571349	148488	140035	139543	L12
L29	1	1613488	1613404	1613320	1679487	1672882	1672390	74314	70361	70310	L11

sp | Q6GSS7 | H2A2A_MOUSE

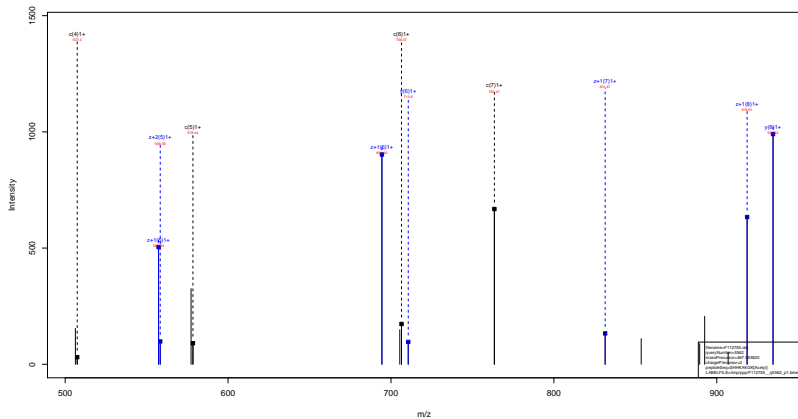
ELNK^{Methyl} 14.02 LLGK^{Methyl} 14.02 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=50.82
- ▶ F112755.dat
- ▶ query=q42556.p1
- ▶ precursor=803.984880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	r	r'	r ₀	AA
E1	34.600	0.677	28.920	44.001	0.672	38.310	1071.650	1100.974	1205.046	E10
L1	72.380	0.677	66.381	81.716	0.672	76.119	1620.613	1022.960	1102.512	L20
K	112.599	104.721	104.395	119.730	114.055	113.727	960.343	680.200	104.637	K20
R	137.800	120.584	109.700	160.010	131.426	131.000	952.926	640.250	104.637	R20
L	136.404	109.700	109.400	104.790	100.120	100.700	900.500	600.000	100.551	L20
L	113.133	107.400	107.133	102.660	98.013	100.407	867.862	600.100	101.070	L20
G	102.500	100.000	100.000	100.000	100.000	100.000	800.100	600.000	100.000	G20
R	100.500	100.500	100.500	100.500	100.500	100.500	800.500	600.500	100.500	R20
V	112.600	106.600	106.500	104.800	100.410	100.000	780.700	758.114	757.786	V20
T	100.241	100.500	100.210	100.510	100.000	100.000	800.000	720.000	100.000	T20
I	100.000	100.000	100.000	100.000	100.000	100.000	800.000	600.000	600.000	I20
A	107.610	101.000	101.000	101.000	101.000	101.000	800.000	653.714	653.386	A10
Q	110.300	664.626	664.700	110.000	110.000	110.000	800.000	630.010	629.707	Q10
G	100.000	100.000	100.000	100.000	100.000	100.000	800.000	600.000	600.000	G10
Q	100.000	100.000	100.000	100.000	100.000	100.000	800.000	587.340	587.021	Q10
V	111.000	535.663	535.310	110.000	544.904	100.000	555.010	500.100	549.006	V10
L	109.010	100.000	100.000	100.000	100.000	100.000	800.000	600.000	100.000	L10
P	111.000	100.000	100.000	100.000	100.000	100.000	800.000	600.000	100.000	P10
N	100.000	643.723	643.395	100.000	653.054	652.726	400.000	400.000	441.000	N10
D	100.000	681.417	681.089	100.000	690.740	690.421	410.000	400.000	400.000	D10
Q	110.000	100.000	100.000	110.000	110.000	110.000	800.000	600.000	100.000	Q10
A	100.000	100.000	100.000	100.000	100.000	100.000	800.000	600.000	100.000	A10
V	110.000	100.000	100.000	110.000	110.000	110.000	800.000	600.000	100.000	V10
L	824.175	810.500	818.172	820.000	820.000	820.000	200.000	200.000	200.000	L10
L	100.000	100.000	100.000	100.000	100.000	100.000	800.000	600.000	100.000	L10
P	100.000	100.000	100.000	100.000	100.000	100.000	800.000	600.000	100.000	P10
K	816.919	800.000	800.000	800.000	800.000	800.000	100.000	100.000	100.000	K10
R	100.000	100.000	100.000	100.000	100.000	100.000	800.000	600.000	100.000	R10
T	100.000	100.000	100.000	100.000	100.000	100.000	800.000	600.000	100.000	T10
E	100.000	100.000	100.000	100.000	100.000	100.000	800.000	600.000	100.000	E10

sp | P22752 | H2A1_MOUSE

SHHKAKGK Acetyl
42.01



sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.71
- ▶ F112755.dat
- ▶ query=q5562.p1
- ▶ precursor=467.763820
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	108.066	934.522	918.503	0.000	917.495	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	673.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
K[6]	706.411	374.240	358.221	359.229	357.213	K[3]
G[7]	763.432	246.145	230.126	231.134	229.118	G[2]
K[8]	933.538	189.123	173.105	174.112	172.097	K[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.19
- ▶ F112755.dat
- ▶ query=q5563.p1
- ▶ precursor=467.764230
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	934.522	916.503	0.000	917.495	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
K[6]	706.411	374.240	358.221	359.229	357.213	K[3]
G[7]	763.432	246.145	230.126	231.134	229.118	G[2]
K[8]	933.538	189.123	173.105	174.112	172.097	K[1]

sp | P22752 | H2A1_MOUSE

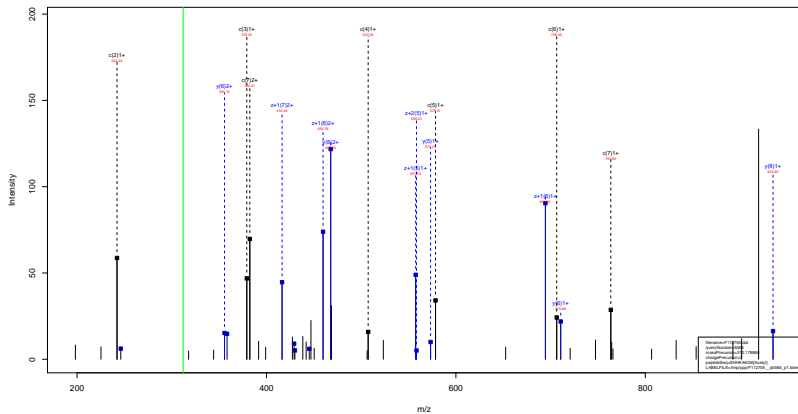
SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.41
- ▶ F112755.dat
- ▶ query=q5564.p1
- ▶ precursor=467.764340
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	934.522	916.503	0.000	917.495	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
K[6]	706.411	374.240	358.221	359.229	357.213	K[3]
G[7]	763.432	246.145	230.126	231.134	229.118	G[2]
K[8]	933.538	189.123	173.105	174.112	172.097	K[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK ^{Acetyl}
42.01



sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.29
- ▶ F112755.dat
- ▶ query=q5565.p1
- ▶ precursor=312.178860
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	109.066	934.522	918.503	0.000	917.495	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
K[6]	706.411	374.240	358.221	359.229	357.213	K[3]
G[7]	763.432	246.145	230.126	231.134	229.118	G[2]
K[8]	933.538	189.123	173.105	174.112	172.097	K[1]

sp | P22752 | H2A1_MOUSE

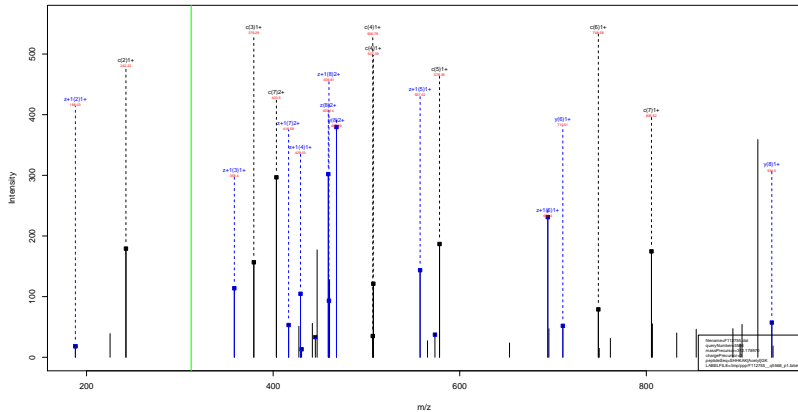
SHHKAKGK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.29
- ▶ F112755.dat
- ▶ query=q5565_p1
- ▶ precursor=312.178860
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	467.765	459.755	0.504	459.251	S[8]
H[2]	121.566	424.248	416.239	0.504	415.735	H[7]
H[3]	190.095	355.719	347.710	0.504	347.206	H[6]
K[4]	254.143	287.190	279.180	279.684	278.676	K[5]
A[5]	289.662	223.142	215.133	215.637	214.629	A[4]
K[6]	353.709	187.624	179.614	180.118	179.110	K[3]
G[7]	382.220	123.576	115.567	116.071	115.063	G[2]
K[8]	467.272	95.063	87.056	87.560	86.552	K[1]

sp | P22752 | H2A1_MOUSE

SHHKAK Acetyl GK
42.01



sp | P22752 | H2A1_MOUSE

SHHKAK^{Acetyl} GK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.59
- ▶ F112755.dat
- ▶ query=q5566.p1
- ▶ precursor=312.178970
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	109.066	934.522	918.503	0.000	917.495	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
K[6]	748.421	374.240	358.221	359.229	357.213	K[3]
G[7]	805.443	204.134	188.116	189.123	187.108	G[2]
K[8]	933.538	147.113	131.094	132.102	130.086	K[1]

sp | P22752 | H2A1_MOUSE

SHHKAK^{Acetyl} GK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.59
- ▶ F112755.dat
- ▶ query=q5566.p1
- ▶ precursor=312.178970
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	467.765	459.755	0.504	459.251	S[8]
H[2]	121.566	424.248	416.239	0.504	415.735	H[7]
H[3]	190.095	355.719	347.710	0.504	347.206	H[6]
K[4]	254.143	287.190	279.180	279.684	278.676	K[5]
A[5]	289.662	223.142	215.133	215.637	214.629	A[4]
K[6]	374.714	187.624	179.614	190.118	179.110	K[3]
G[7]	403.225	102.571	94.561	95.065	94.057	G[2]
K[8]	467.272	74.060	66.051	66.555	65.547	K[1]

sp | P15864 | H12_MOUSE

LITKAVAASK ^{Methyl} E
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.83
- ▶ F112758.dat
- ▶ query=q18812.p1
- ▶ precursor=382.235220
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 3	131.118	1144.694	1128.675	0.000	1127.067	L 11
T 2	244.202	1031.610	1015.501	0.000	1014.583	T 10
T 3	345.250	918.525	902.507	0.000	901.490	T 9
K 4	473.345	817.433	801.459	802.467	800.451	K 8
A 5	544.392	699.383	673.364	674.372	672.366	A 7
V 6	643.450	618.340	602.327	603.335	601.319	V 6
A 7	714.487	519.277	503.259	504.266	502.251	A 5
A 8	785.524	448.240	432.221	433.229	431.214	A 4
S 9	872.556	377.203	361.184	362.192	360.177	S 3
R 10	1014.667	290.171	274.152	275.160	273.144	R 2
E 11	1143.710	148.060	132.042	133.050	131.034	E 1

sp | P15864 | H12_MOUSE

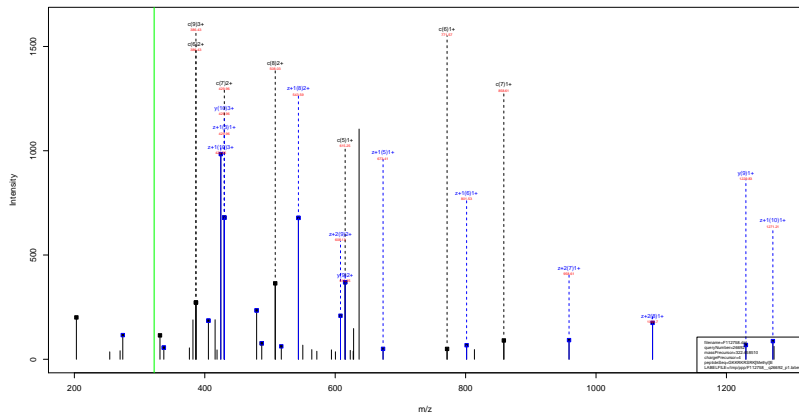
LITKAVAASK ^{Methyl}E
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=55.83
- ▶ F112758.dat
- ▶ query=q18812_p1
- ▶ precursor=382.235220
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L [1]	66.063	572.850	564.841	0.504	564.337	L [11]
T [2]	122.605	516.308	508.299	0.504	507.795	T [10]
T [3]	173.128	459.766	451.757	0.504	451.253	T [9]
K [4]	237.116	409.243	401.233	401.737	400.729	K [8]
A [5]	272.694	345.195	337.186	337.690	336.682	A [7]
V [6]	322.229	309.676	301.667	302.171	301.163	V [6]
A [7]	357.747	260.142	252.133	252.637	251.629	A [5]
A [8]	393.266	224.624	216.614	217.118	216.110	A [4]
S [9]	436.782	189.105	181.096	181.600	180.592	S [3]
K [10]	507.837	145.589	137.580	138.084	137.076	K [2]
E [11]	572.358	74.534	66.524	67.028	66.021	E [1]

sp | Q64475 | H2B1B_MOUSE

GKKRKRSRK ^{Methyl}E
14.02



sp | Q64475 | H2B1B_MOUSE

GKKRKRSRK ^{Methyl} E
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.11
- ▶ F112758.dat
- ▶ query=q26692_p1
- ▶ precursor=322.458510
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
C[1]	75.035	1286.813	1270.794	0.000	1269.788	C[10]
K[2]	201.150	1229.791	1213.773	1214.780	1212.765	K[9]
K[3]	331.245	1101.660	1085.618	1086.685	1084.670	K[8]
R[4]	487.346	973.601	957.583	958.590	956.575	R[7]
K[5]	615.441	817.500	801.462	802.489	800.474	K[6]
R[6]	771.542	689.405	673.387	674.394	672.379	R[5]
S[7]	858.574	553.304	517.285	518.292	516.276	S[4]
R[8]	1014.673	448.272	430.253	431.261	429.246	R[3]
K[9]	1158.788	390.171	274.152	275.160	273.144	K[2]
E[10]	1285.829	148.060	132.042	133.050	131.034	E[1]

sp | Q64475 | H2B1B_MOUSE

GKKRKRSRK ^{Methyl} E
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.11
- ▶ F112758.dat
- ▶ query=q26692.p1
- ▶ precursor=322.458510
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G[1]	58.031	643.910	635.901	0.504	635.397	G[10]
K[2]	102.079	615.399	607.390	607.894	606.885	K[9]
K[3]	166.126	551.352	543.342	543.846	542.839	K[8]
R[4]	244.177	487.304	479.295	479.799	478.791	R[7]
K[5]	308.224	409.254	401.244	401.748	400.740	K[6]
R[6]	386.275	345.206	337.197	337.701	336.693	R[5]
S[7]	429.791	267.156	259.146	259.650	258.642	S[4]
R[8]	507.841	223.040	215.030	215.534	215.126	R[3]
K[9]	918.897	148.599	139.589	138.684	137.676	K[2]
E[10]	643.418	74.534	66.524	67.028	66.021	E[1]

sp | Q64475 | H2B1B_MOUSE

GKKRKRSRK ^{Methyl} E
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=34.11
- ▶ F112758.dat
- ▶ query=q26692.p1
- ▶ precursor=322.458510
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
G	[1]	25.690	429.609	424.270	0.672	423.934	G[10]
K	[2]	68.388	410.602	405.262	405.598	404.926	K[9]
K	[3]	111.087	367.904	362.564	362.900	362.228	K[8]
R	[4]	163.120	325.205	319.866	320.202	319.530	R[7]
K	[5]	205.819	273.172	267.832	268.168	267.496	K[6]
R	[6]	257.852	230.473	225.134	225.470	224.798	R[5]
S	[7]	286.863	178.440	173.100	173.436	172.764	S[4]
R	[8]	338.897	149.426	144.089	144.425	143.753	R[3]
K	[9]	388.267	97.395	92.055	92.392	91.720	K[2]
E	[10]	429.201	50.025	44.685	45.021	44.349	E[1]

sp | Q64475 | H2B1B_MOUSE

GKKRKRSRK ^{Methyl} E
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.81
- ▶ F112758.dat
- ▶ query=q26694.p1
- ▶ precursor=429.608950
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
C	75.925	1298.211	1273.794	1309	1299.786	C[10]
R	203.150	1229.791	1213.771	1214.780	1212.765	R[9]
K	331.245	1101.699	1085.678	1086.685	1084.670	K[8]
R	487.346	973.601	957.583	958.590	956.575	R[7]
K	615.441	817.500	801.482	802.489	800.474	K[6]
R	771.542	689.405	673.387	674.394	672.379	R[5]
S	858.574	533.305	517.285	518.293	518.278	S[4]
R	1014.676	446.277	430.253	431.261	429.240	R[3]
K	1156.788	290.171	274.152	275.160	273.144	K[2]
E	1285.829	148.050	132.042	133.050	131.034	E[1]

sp | Q64475 | H2B1B_MOUSE

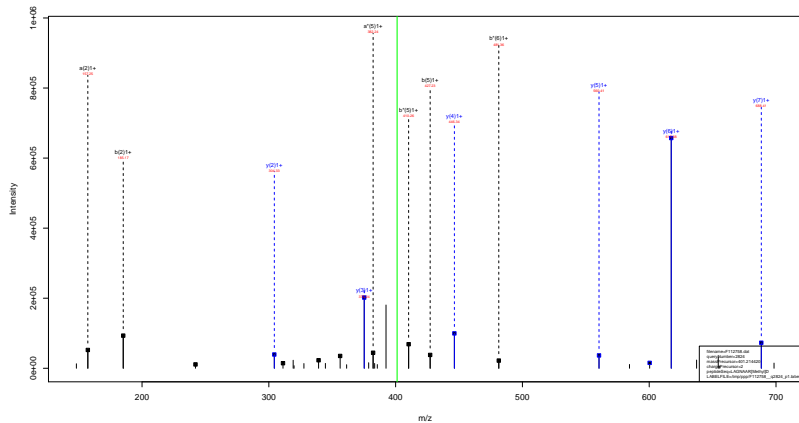
GKKRKRSRK ^{Methyl} E
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.81
- ▶ F112758.dat
- ▶ query=q26694.p1
- ▶ precursor=429.608950
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G[1]	38.031	643.910	635.901	0.504	635.397	G[10]
K[2]	102.079	615.399	607.390	607.894	606.886	K[9]
K[3]	166.126	551.352	543.342	543.846	542.839	K[8]
R[4]	244.177	487.304	479.295	479.799	478.791	R[7]
K[5]	308.224	409.254	401.244	401.748	400.740	K[6]
R[6]	386.275	345.206	337.197	337.701	336.693	R[5]
S[7]	429.791	-267.156	259.146	259.650	258.642	S[4]
R[8]	507.841	223.640	215.630	216.134	215.126	R[3]
K[9]	918.897	145.595	137.585	138.084	137.076	K[2]
E[10]	643.418	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

LAGNAAR^{Methyl}D
14.02



sp | Q8CGP5 | H2A1F_MOUSE

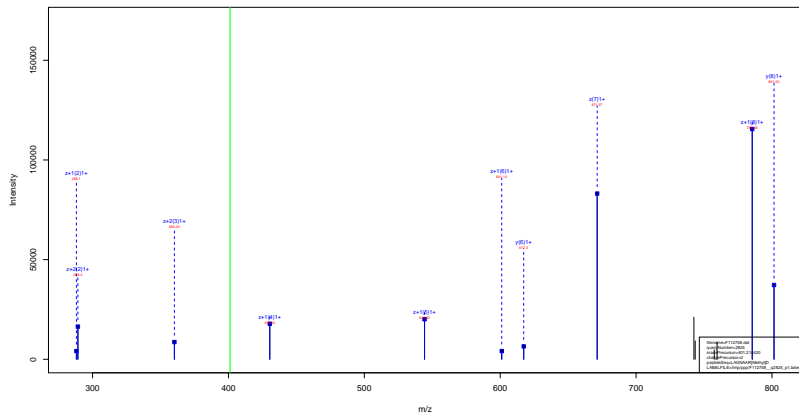
LAGNAAR^{Methyl D}
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=47.08
- ▶ F112758.dat
- ▶ query=q2824_p1
- ▶ precursor=401.214420
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
L1	86.998	0.000	0.000	114.073	0.000	0.000	401.214	168.199	163.341	L10
A1	157.134	0.000	0.000	185.128	0.000	0.000	608.337	671.311	670.327	A17
G1	214.155	0.000	0.000	242.150	0.000	0.000	617.300	600.274	589.260	G69
N1	228.189	311.171	0.000	356.193	239.166	0.000	560.279	543.252	542.269	N15
A1	289.235	382.208	0.000	437.230	410.203	0.000	446.236	430.210	430.235	A14
A1	419.272	613.248	0.000	498.267	481.241	0.000	375.199	369.173	357.186	A13
R1	640.389	823.362	0.000	668.384	651.357	0.000	304.182	287.155	286.151	R12
G1	735.416	738.389	737.405	703.411	706.384	705.400	134.069	0.000	116.034	G11

sp | Q8CGP5 | H2A1F_MOUSE

LAGNAAR Methyl D
14.02

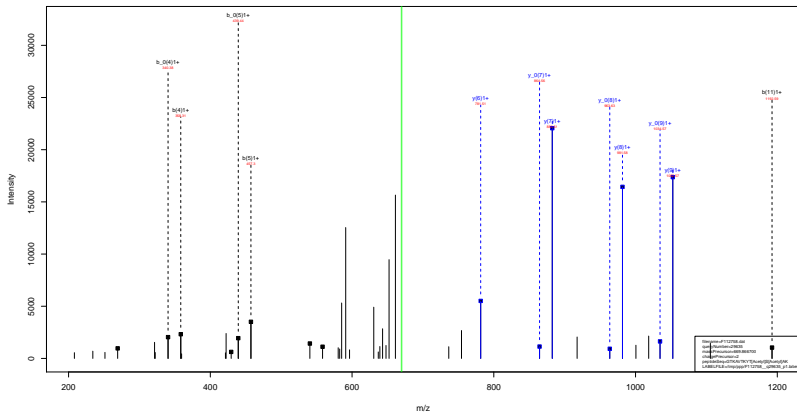


- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.37
- ▶ F112758.dat
- ▶ query=q2825_p1
- ▶ precursor=401.214420
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	801.421	785.403	0.000	784.395	L[8]
A[2]	202.155	688.337	672.319	0.000	671.311	A[7]
G[3]	259.176	617.300	601.281	0.000	600.274	G[6]
N[4]	371.219	560.279	544.260	545.268	543.252	N[5]
A[5]	444.257	446.235	430.217	431.225	429.209	A[4]
A[6]	515.294	375.199	359.180	360.188	358.172	A[3]
R[7]	685.410	304.162	288.143	289.151	287.135	R[2]
D[8]	800.437	134.045	118.026	119.034	117.018	D[1]

sp | Q8CGP1 | H2B1K_MOUSE

GTKAVTKYT Acetyl S (Acetyl) AK
42.01 (42.01)



sp | Q8CGP1 | H2B1K_MOUSE

GTKAVTKYT Acetyl S (Acetyl) AK
42.01 (42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=35.12
- ▶ F112758.dat
- ▶ query=q29635_p1
- ▶ precursor=669.866700
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA
G 1	303.079	3.030	313.089	36.309	0.309	0.309	1158.721	1151.788	1028.709	G12
T 2	131.060	0.060	113.091	189.090	0.060	0.060	1181.710	1284.078	1263.094	T11
K 3	258.110	262.110	244.109	289.110	293.110	269.101	1189.050	1153.011	1102.049	K10
R 4	109.014	111.014	112.014	158.208	161.014	160.108	1027.580	1079.589	1034.552	R16
V 5	429.282	433.283	415.281	457.277	459.282	439.268	1081.525	1094.499	1043.515	V18
I 6	339.030	343.031	314.018	358.325	341.028	340.318	1027.437	1059.410	104.446	I17
K 7	358.425	361.700	340.414	388.420	389.393	382.403	781.409	784.382	783.386	K19
V 8	221.400	224.401	225.417	246.401	252.406	231.417	1043.312	1036.288	1026.304	V19
I 9	304.598	307.510	348.510	360.541	378.510	374.511	1001.251	1073.224	1112.240	I14
S10	1193.589	1078.582	1078.578	1092.584	1104.587	1101.571	147.101	130.100	130.102	S13
R11	1184.628	1187.599	1184.613	1182.621	1178.624	1178.601	118.101	109.101	109.101	R15
R12	1394.711	1275.694	1274.710	1335.708	1303.699	1302.705	147.111	130.088	0.000	R14

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=116.98
- ▶ F112758.dat
- ▶ query=q55689.p1
- ▶ precursor=633.626600
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	167.076	2531.487	2515.468	0.000	2514.460	S[24]
G[2]	254.598	2402.444	2386.425	0.000	2385.417	G[23]
T[3]	306.199	2348.423	2332.404	2330.412	2328.396	T[22]
G[4]	417.220	2189.321	2174.303	2174.310	2172.295	G[21]
K[5]	545.115	2132.300	2116.281	2117.289	2115.273	K[20]
G[6]	602.137	2004.205	1988.186	1989.194	1987.178	G[19]
G[7]	659.158	1947.184	1931.165	1932.173	1930.157	G[18]
K[8]	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G[9]	844.475	1782.067	1766.048	1767.056	1765.041	G[16]
L[10]	957.559	1725.046	1699.027	1699.035	1698.019	L[15]
G[11]	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K[12]	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G[13]	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G[14]	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A[15]	1327.735	1292.802	1276.783	1277.791	1275.776	A[10]
K[16]	1435.850	1224.705	1208.686	1209.694	1204.678	K[9]
R[17]	1511.951	1093.630	1077.611	1078.659	1076.644	R[8]
H[18]	1749.010	937.569	921.550	922.558	920.542	H[7]
R[19]	1905.111	800.510	784.491	785.499	783.484	R[6]
K[20]	2047.222	644.400	628.390	629.398	627.382	K[5]
V[21]	2146.290	502.298	486.280	487.287	485.272	V[4]
L[22]	2269.374	403.216	387.211	388.219	386.203	L[3]
D[23]	2419.476	290.140	274.127	275.135	273.119	D[2]
D[24]	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=116.98
- ▶ F112758.dat
- ▶ query=q55689_p1
- ▶ precursor=633.626600
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1206.247	1258.238	0.504	1257.736	S[24]
G	2	102.553	1201.726	1193.716	0.504	1193.212	G[23]
R	3	180.603	1173.215	1165.206	1165.709	1164.703	R[22]
G	4	259.114	1098.164	1087.155	1087.659	1086.651	G[21]
K	5	273.163	1066.654	1055.644	1059.148	1055.141	K[20]
G	6	303.672	1002.606	994.597	995.101	994.093	G[19]
G	7	330.183	974.095	966.086	966.590	965.582	G[18]
K	8	394.230	945.585	937.575	938.079	937.071	K[17]
G	9	422.741	881.537	873.528	874.032	873.024	G[16]
L	10	479.289	853.026	843.017	845.521	844.513	L[15]
G	11	507.794	796.484	788.475	788.979	787.971	G[14]
K	12	571.841	767.974	759.964	760.468	759.460	K[13]
G	13	600.352	703.926	695.917	696.421	695.413	G[12]
G	14	628.863	675.415	667.406	667.910	666.902	G[11]
A	15	694.361	646.905	638.895	639.399	638.391	A[10]
R	16	728.429	611.396	603.377	603.881	602.873	R[9]
R	17	806.479	547.339	539.329	539.833	538.825	R[8]
H	18	875.009	469.288	461.270	461.783	460.775	H[7]
R	19	953.059	400.759	392.740	393.253	392.245	R[6]
K	20	1024.117	322.706	314.689	315.203	314.195	K[5]
V	21	1073.649	254.653	246.633	247.147	246.140	V[4]
L	22	1130.191	202.119	194.100	194.613	193.605	L[3]
R	23	1208.241	145.577	137.557	138.071	137.063	R[2]
D	24	1266.755	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

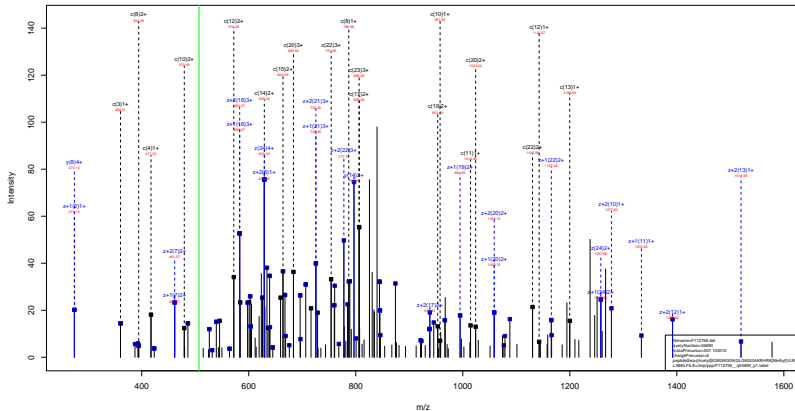
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=116.98
- ▶ F112758.dat
- ▶ query=q55689.p1
- ▶ precursor=633.626600
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.101	0.672	838.826	S[24]
G[2]	68.704	801.486	796.147	0.672	795.811	G[23]
R[3]	120.738	782.479	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	661.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	608.027	602.687	603.024	602.352	G[16]
L[10]	319.258	569.020	563.680	564.016	563.345	L[15]
G[11]	338.265	531.325	525.986	526.322	525.650	G[14]
K[12]	381.563	512.318	506.979	507.315	506.643	K[13]
G[13]	400.570	469.620	464.280	464.616	463.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.297	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.228	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	635.709	267.508	262.169	262.505	261.833	R[6]
K[20]	683.079	215.475	210.135	210.471	209.799	K[5]
V[21]	716.102	188.194	182.795	183.101	182.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLRLD
14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=104.86
- ▶ F112758.dat
- ▶ query=q55690_p1
- ▶ precursor=507.103010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2531.487	2515.469	0.000	2514.469	S[24]
G	2	204.098	2402.444	2386.425	0.000	2385.417	G[23]
R	3	360.199	2345.423	2329.404	2330.412	2328.396	R[22]
G	4	417.220	2189.321	2173.303	2174.310	2172.295	G[21]
K	5	545.115	2132.300	2116.281	2117.289	2115.273	K[20]
G	6	602.337	2004.205	1988.186	1989.194	1987.178	G[19]
G	7	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K	8	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G	9	844.475	1752.067	1746.048	1747.056	1745.041	G[16]
L	10	927.559	1705.046	1689.027	1690.035	1688.019	L[15]
G	11	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K	12	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G	13	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G	14	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A	15	1327.735	1292.802	1276.783	1277.791	1275.776	A[10]
R	16	1405.829	1221.765	1205.746	1206.754	1204.739	R[9]
R	17	1611.951	1093.670	1077.651	1078.659	1076.644	R[8]
H	18	1740.010	937.569	921.550	922.558	920.542	H[7]
R	19	1905.111	800.510	784.491	785.499	783.484	R[6]
K	20	2047.222	644.409	628.390	629.398	627.382	K[5]
V	21	2146.290	502.290	486.280	487.287	485.272	V[4]
L	22	2299.374	403.170	387.211	388.219	386.203	L[3]
R	23	2415.476	290.140	274.127	275.135	273.119	R[2]
D	24	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=104.86
- ▶ F112758.dat
- ▶ query=q55690_p1
- ▶ precursor=507.103010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1256.247	1258.238	8.504	1257.734	S[24]
G[2]	102.553	1201.726	1193.730	8.504	1193.212	G[23]
R[3]	180.603	1173.215	1165.206	1165.709	1164.702	R[22]
G[4]	269.114	1095.164	1087.157	1087.659	1086.651	G[21]
K[5]	273.161	1058.694	1058.644	1059.148	1055.140	K[20]
G[6]	301.672	1002.606	994.597	995.101	994.093	G[19]
G[7]	330.183	974.095	966.086	966.590	965.582	G[18]
K[8]	394.230	945.585	937.575	938.079	937.071	K[17]
G[9]	427.741	891.537	883.530	874.832	873.026	G[16]
L[10]	479.283	853.026	845.017	845.521	844.513	L[15]
G[11]	507.794	796.484	788.475	788.979	787.971	G[14]
K[12]	571.841	767.974	759.964	760.468	759.460	K[13]
G[13]	600.352	703.926	695.917	696.421	695.413	G[12]
G[14]	628.863	675.415	667.406	667.910	666.902	G[11]
A[15]	664.381	646.905	638.895	639.399	638.391	A[10]
R[16]	728.429	611.366	603.377	603.881	602.873	R[9]
R[17]	806.479	547.139	539.329	539.833	538.825	R[8]
H[18]	875.009	469.288	461.279	461.783	460.775	H[7]
R[19]	953.059	400.759	392.749	393.253	392.245	R[6]
K[20]	1024.115	322.708	314.690	315.203	314.195	K[5]
V[21]	1077.669	251.692	243.643	244.147	243.140	V[4]
L[22]	1130.191	202.119	194.100	194.613	193.605	L[3]
R[23]	1208.241	145.577	137.567	138.071	137.063	R[2]
D[24]	1265.755	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=104.86
- ▶ F112758.dat
- ▶ query=q55690.p1
- ▶ precursor=507.103010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.101	0.672	838.826	S[24]
G[2]	68.704	801.488	796.147	0.672	795.811	G[23]
R[3]	120.738	782.479	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	661.400	663.736	661.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
C[9]	282.163	608.027	582.688	583.024	582.352	C[16]
L[10]	319.258	589.020	561.680	564.016	561.348	L[15]
G[11]	338.265	531.325	525.986	526.322	525.650	G[14]
K[12]	381.563	512.318	505.979	507.315	506.643	K[13]
G[13]	400.570	499.620	494.280	494.616	493.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.257	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.228	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	635.709	267.508	262.169	262.505	261.833	R[6]
K[20]	683.079	215.475	210.135	210.471	209.799	K[5]
V[21]	716.102	168.194	162.795	163.101	162.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

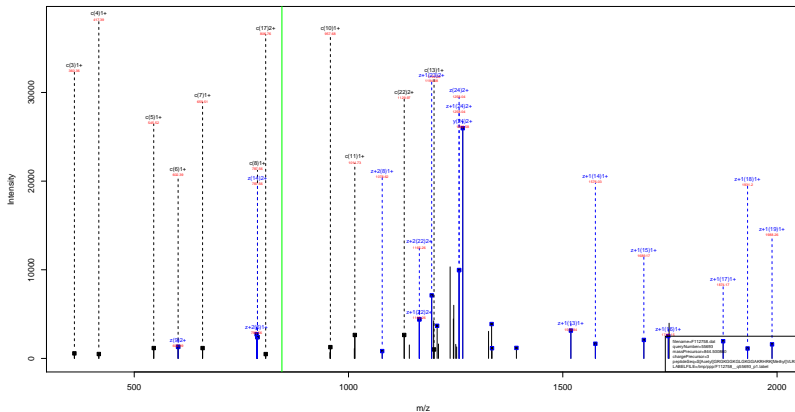
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=104.86
- ▶ F112758.dat
- ▶ query=q55690.p1
- ▶ precursor=507.103010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	633.627	629.627	0.755	629.370	S[24]
G[2]	51.780	601.965	597.362	0.755	597.110	G[23]
R[3]	90.805	587.111	583.106	583.358	582.854	R[22]
G[4]	105.061	548.086	544.081	544.333	543.829	G[21]
K[5]	137.084	533.830	529.826	530.078	529.574	K[20]
G[6]	151.340	501.807	497.802	498.054	497.550	G[19]
G[7]	165.595	487.551	483.547	483.799	483.295	G[18]
K[8]	197.619	473.296	469.291	469.543	469.039	K[17]
G[9]	211.874	461.272	457.268	457.520	457.016	G[16]
L[10]	240.145	427.017	423.012	423.264	422.760	L[15]
G[11]	254.401	398.745	394.741	394.993	394.489	G[14]
K[12]	286.424	384.490	380.486	380.738	380.234	K[13]
G[13]	300.680	352.467	348.462	348.714	348.210	G[12]
G[14]	314.935	338.211	334.207	334.459	333.955	G[11]
A[15]	332.694	323.956	319.951	320.203	319.699	A[10]
K[16]	364.718	306.197	302.192	302.444	301.940	K[9]
R[17]	403.743	274.173	270.168	270.420	269.916	R[8]
H[18]	438.008	235.148	231.143	231.395	230.891	H[7]
R[19]	477.033	200.883	196.878	197.130	196.626	R[6]
K[20]	512.561	163.858	159.853	160.105	159.601	K[5]
V[21]	537.328	138.530	132.525	132.577	132.073	V[4]
L[22]	565.599	101.563	97.558	97.810	97.306	L[3]
R[23]	604.624	73.292	69.287	69.539	69.035	R[2]
D[24]	633.381	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK (Methyl) VLRD
(14.02)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Methyl)VLRD
(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.58
- ▶ F112758.dat
- ▶ query=q55693_p1
- ▶ precursor=844.500860
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2531.487	2515.488	0.000	2514.460	S[24]
G	2	204.098	2402.444	2386.425	0.000	2385.417	G[23]
R	3	360.199	2348.423	2329.404	2330.412	2328.396	R[22]
G	4	417.220	2389.321	2378.303	2374.310	2372.295	G[21]
K	5	545.315	2152.930	2138.261	2117.280	2115.273	K[20]
G	6	602.337	2004.205	1980.180	1980.194	1987.178	G[19]
G	7	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K	8	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G	9	844.475	1762.067	1746.048	1747.056	1745.041	G[16]
L	10	937.550	1705.046	1689.027	1690.035	1688.019	L[15]
G	11	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
R	12	1142.675	1534.940	1518.921	1519.929	1517.914	R[13]
G	13	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G	14	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A	15	1327.755	1292.802	1276.783	1277.791	1275.776	A[10]
R	16	1405.850	1221.780	1200.760	1206.754	1204.739	R[9]
R	17	1611.951	1093.676	1077.651	1078.659	1076.644	R[8]
H	18	1749.010	937.569	921.539	922.558	920.542	H[7]
R	19	1905.111	800.510	784.481	785.499	783.484	R[6]
R	20	2047.222	644.409	628.380	629.398	627.382	R[5]
V	21	2146.290	502.298	486.269	487.287	485.272	V[4]
L	22	2259.374	403.230	387.211	388.219	386.203	L[3]
D	23	2415.476	260.146	254.127	278.136	273.119	D[2]
D	24	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK (Methyl) VLRD
(14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.58
- ▶ F112758.dat
- ▶ query=q55693.p1
- ▶ precursor=844.500860
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.092	1266.247	1256.238	0.504	1257.734	S[24]
G[2]	102.553	1201.726	1193.716	0.504	1193.212	G[23]
R[3]	180.603	1173.215	1165.206	1165.709	1164.702	R[22]
G[4]	209.114	1095.164	1087.155	1087.659	1086.651	G[21]
K[5]	273.163	1056.654	1056.644	1059.148	1059.141	K[20]
G[6]	301.672	1002.605	994.597	995.101	994.593	G[19]
G[7]	330.183	974.095	966.086	966.590	965.582	G[18]
K[8]	394.230	945.585	937.575	938.079	937.071	K[17]
G[9]	422.741	881.537	873.528	874.032	873.024	G[16]
L[10]	479.283	853.026	845.017	845.521	844.513	L[15]
G[11]	507.794	796.484	788.475	788.979	787.971	G[14]
K[12]	571.841	767.974	759.964	760.468	759.460	K[13]
G[13]	600.352	703.926	695.917	696.421	695.413	G[12]
G[14]	628.863	675.415	667.405	667.910	666.902	G[11]
A[15]	664.361	646.905	638.895	639.399	638.391	A[10]
R[16]	728.429	613.396	603.377	603.881	602.873	R[9]
R[17]	806.479	547.335	539.326	539.833	538.825	R[6]
H[18]	875.009	469.288	461.279	461.783	460.775	H[7]
R[19]	953.059	400.759	392.749	393.253	392.245	R[6]
K[20]	1026.115	322.708	314.699	315.203	314.195	K[5]
V[21]	1073.669	251.163	243.153	244.147	243.140	V[4]
L[22]	1136.191	202.119	194.109	194.613	193.605	L[1]
R[23]	1208.241	145.577	137.567	138.071	137.063	R[2]
D[24]	1266.755	87.526	59.537	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLRD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=92.42
- ▶ F112758.dat
- ▶ query=q55695_p1
- ▶ precursor=507.103490
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2531.487	2515.468	0.000	2514.460	S[24]
G[2]	204.008	2402.444	2386.425	0.000	2385.417	G[23]
R[3]	368.199	2346.421	2329.404	2130.412	2328.396	R[22]
G[4]	417.230	2189.321	2173.303	2174.310	2172.295	G[21]
K[5]	545.315	2132.300	2116.281	2117.289	2115.273	K[20]
G[6]	602.337	2084.205	2068.186	2069.194	2067.178	G[19]
G[7]	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K[8]	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G[9]	844.475	1782.067	1766.048	1747.056	1745.041	G[16]
L[10]	957.559	1705.046	1689.027	1690.035	1688.019	L[15]
G[11]	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K[12]	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G[13]	1199.697	1406.945	1390.926	1391.934	1389.919	G[12]
G[14]	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A[15]	1327.795	1292.802	1276.783	1277.791	1275.776	A[10]
R[16]	1459.850	1221.765	1205.746	1206.754	1204.739	R[9]
R[17]	1611.951	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1749.010	937.569	921.550	922.558	920.543	H[7]
R[19]	1905.111	800.510	784.491	785.499	783.484	R[6]
K[20]	2047.222	644.409	628.390	629.398	627.382	K[5]
V[21]	2146.290	502.298	486.280	487.287	485.272	V[4]
L[22]	2259.374	403.230	387.211	388.219	386.203	L[3]
R[23]	2415.476	280.146	274.127	275.135	273.119	R[2]
D[24]	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=92.42
- ▶ F112758.dat
- ▶ query=q55695_p1
- ▶ precursor=507.103490
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1206.347	1258.238	0.504	1257.734	S[24]
G[2]	102.553	1201.729	1193.716	0.504	1193.212	G[23]
R[3]	180.603	1173.215	1165.206	1165.709	1164.702	R[22]
G[4]	269.114	1079.194	1087.155	1087.659	1089.651	G[21]
K[5]	273.161	1066.054	1058.044	1059.148	1055.140	K[20]
G[6]	301.672	1002.608	954.597	995.101	994.093	G[19]
G[7]	330.183	974.095	966.086	966.590	965.582	G[18]
K[8]	394.230	945.587	937.575	938.079	937.071	K[17]
G[9]	422.741	881.537	873.529	874.032	873.024	G[16]
L[10]	479.283	853.028	845.017	846.511	844.513	L[15]
G[11]	507.794	796.484	788.475	788.979	787.971	G[14]
K[12]	571.841	767.974	759.964	760.468	759.460	K[13]
G[13]	600.352	703.928	695.917	696.421	695.413	G[12]
G[14]	628.863	675.415	667.406	667.910	666.902	G[11]
A[15]	664.381	649.905	638.895	639.399	638.391	A[16]
R[16]	728.429	611.380	603.377	603.881	602.873	R[19]
R[17]	806.479	547.359	539.329	539.833	538.825	R[18]
H[18]	875.009	469.288	461.279	461.783	460.775	H[17]
R[19]	953.059	400.759	392.749	393.253	392.245	R[16]
K[20]	1024.115	322.700	314.699	315.203	314.195	K[15]
V[21]	1077.669	251.663	243.643	244.147	243.140	V[14]
L[22]	1130.191	202.132	194.108	194.613	193.605	L[13]
R[23]	1208.241	148.577	137.567	138.071	137.063	R[12]
D[24]	1265.755	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=92.42
- ▶ F112758.dat
- ▶ query=q55695.p1
- ▶ precursor=507.103490
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.825	S[24]
G[2]	58.704	801.485	796.147	0.672	795.811	G[23]
R[3]	150.738	782.479	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	588.021	582.681	583.017	582.345	G[16]
L[10]	319.958	569.020	563.680	564.016	563.345	L[15]
G[11]	338.965	531.325	525.986	526.322	525.650	G[14]
K[12]	381.563	512.318	506.979	507.315	506.643	K[13]
G[13]	400.570	469.620	464.280	464.616	463.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.257	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.226	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	635.709	297.508	292.169	292.505	291.833	R[6]
K[20]	663.079	275.475	270.135	270.471	269.799	K[5]
V[21]	716.102	168.104	162.765	163.101	162.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

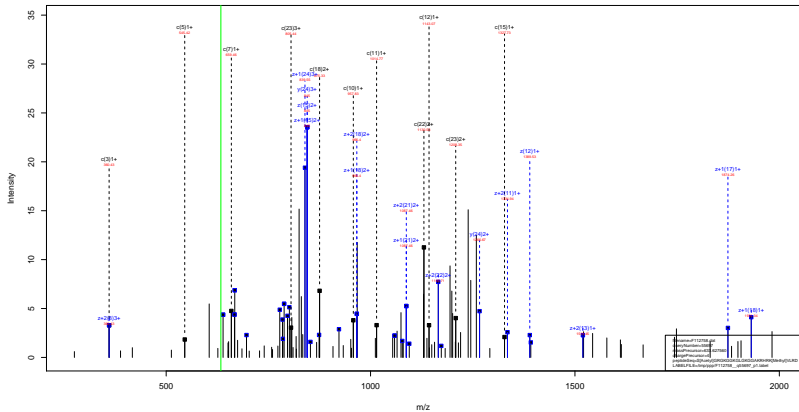
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=92.42
- ▶ F112758.dat
- ▶ query=q55695.p1
- ▶ precursor=507.103490
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	633.627	629.627	0.755	629.170	S[24]
G[2]	51.780	501.365	507.362	0.755	507.110	G[23]
R[3]	90.805	507.111	583.106	583.350	582.854	R[22]
G[4]	105.061	548.086	544.081	544.333	543.829	G[21]
K[5]	137.084	533.830	529.826	530.078	529.574	K[20]
G[6]	151.340	501.807	497.802	498.054	497.550	G[19]
G[7]	165.595	487.551	483.547	483.799	483.295	G[18]
K[8]	197.619	473.296	469.291	469.543	469.039	K[17]
G[9]	211.874	441.272	437.268	437.520	437.016	G[16]
L[10]	380.148	427.017	423.012	423.264	422.760	L[15]
G[11]	254.401	398.740	394.741	394.993	394.489	G[14]
K[12]	286.424	384.490	380.488	380.738	380.234	K[13]
G[13]	300.680	352.467	348.462	348.714	348.210	G[12]
G[14]	314.935	338.211	334.207	334.459	333.955	G[11]
A[15]	332.694	323.956	319.951	320.203	319.699	A[10]
K[16]	364.718	306.197	302.192	302.444	301.940	K[9]
R[17]	403.743	274.173	270.168	270.420	269.916	R[8]
H[18]	438.008	235.148	231.143	231.395	230.891	H[7]
R[19]	477.033	200.883	196.878	197.130	196.626	R[6]
K[20]	512.561	161.858	157.853	158.105	157.601	K[5]
V[21]	537.328	126.330	122.325	122.577	122.073	V[4]
L[22]	565.599	101.563	97.558	97.810	97.306	L[3]
R[23]	604.624	73.292	69.287	69.539	69.035	R[2]
D[24]	633.381	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK (Methyl) VLRD
(14.02)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Methyl)VLRD
(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.10
- ▶ F112758.dat
- ▶ query=q55697.p1
- ▶ precursor=633.627560
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2531.487	2515.469	0.000	2514.460	S[24]
G[2]	204.008	2402.444	2386.425	0.000	2385.417	G[23]
R[3]	360.199	2345.423	2329.404	2130.412	2328.396	R[22]
G[4]	417.220	2189.321	2173.303	2174.310	2172.295	G[21]
K[5]	545.315	2132.300	2116.281	2117.289	2115.271	K[20]
G[6]	602.337	2004.265	1988.246	1989.104	1987.178	G[19]
G[7]	609.358	1947.184	1931.165	1932.173	1930.157	G[18]
K[8]	727.453	1890.162	1874.143	1875.151	1873.135	K[17]
G[9]	844.475	1762.067	1746.048	1747.056	1745.041	G[16]
L[10]	937.559	1705.046	1689.027	1690.035	1688.019	L[15]
G[11]	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K[12]	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G[13]	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G[14]	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A[15]	1327.755	1292.802	1276.783	1277.791	1275.776	A[10]
R[16]	1403.850	1221.769	1205.750	1206.758	1204.743	R[9]
R[17]	1611.951	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1749.010	937.569	921.550	922.558	920.542	H[7]
R[19]	1905.111	800.510	784.491	785.499	783.484	R[0]
K[20]	2047.222	644.409	628.390	629.398	627.382	K[5]
V[21]	2146.290	502.298	486.280	487.287	485.272	V[4]
L[22]	2289.374	403.230	387.211	388.219	386.203	L[3]
R[23]	2415.476	300.140	274.121	275.129	273.113	R[2]
D[24]	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Methyl) VLRD
(14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.10
- ▶ F112758.dat
- ▶ query=q55697.p1
- ▶ precursor=633.627560
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1266.247	1258.238	0.504	1257.734	S[24]
G[2]	102.553	1201.728	1193.716	0.504	1193.212	G[23]
R[3]	180.603	1173.215	1165.206	1165.709	1164.702	R[22]
G[4]	208.114	1095.164	1087.155	1087.659	1086.651	G[21]
K[5]	274.164	1056.594	1054.644	1059.148	1058.140	K[20]
G[6]	301.672	1002.066	994.597	995.101	994.093	G[19]
G[7]	330.183	974.095	966.086	966.590	965.582	G[18]
K[8]	394.230	945.585	937.575	938.079	937.071	K[17]
G[9]	422.741	881.117	873.109	874.032	873.024	G[16]
L[10]	479.203	853.026	845.017	845.521	844.513	L[15]
G[11]	507.794	796.484	788.475	788.979	787.971	G[14]
K[12]	571.844	767.974	759.964	760.468	759.460	K[13]
G[13]	600.352	703.920	695.911	696.421	695.413	G[12]
G[14]	628.863	675.413	667.406	667.910	666.902	G[11]
A[15]	664.361	646.905	638.895	639.399	638.391	A[10]
R[16]	728.429	613.386	605.377	605.881	604.873	R[9]
R[17]	806.479	547.330	539.320	539.823	538.820	R[8]
H[18]	875.009	489.288	481.279	481.783	480.775	H[7]
R[19]	953.059	400.759	392.749	393.253	392.245	R[0]
K[20]	1024.115	322.708	314.699	315.203	314.195	K[5]
V[21]	1073.649	251.653	243.643	244.147	243.140	V[4]
L[22]	1130.191	202.119	194.109	194.613	193.605	L[3]
R[23]	1208.241	145.577	137.567	138.071	137.063	R[2]
D[24]	1265.755	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Methyl)VLRD
(14.02)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.10
- ▶ F112758.dat
- ▶ query=q55697.p1
- ▶ precursor=633.627560
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.825	S[24]
G[2]	68.704	801.486	796.147	0.572	795.811	G[23]
R[3]	120.738	782.479	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	588.027	582.688	583.024	582.352	G[16]
L[10]	319.858	569.020	563.680	564.016	563.345	L[15]
G[11]	338.865	531.325	525.985	526.322	525.650	G[14]
K[12]	381.563	512.318	506.979	507.315	506.643	K[13]
G[13]	400.570	469.620	464.280	464.616	463.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.257	431.606	426.266	426.602	425.930	A[10]
K[16]	468.955	402.927	402.587	402.923	402.251	K[9]
R[17]	537.989	385.228	389.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	635.769	267.508	262.168	262.505	261.833	R[6]
K[20]	683.079	235.475	230.135	230.471	229.799	K[5]
V[21]	718.102	188.104	182.764	183.101	182.429	V[4]
L[22]	753.196	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl)
(14.02) KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=92.14
- ▶ F112758.dat
- ▶ query=q55700.p1
- ▶ precursor=507.104110
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2531.487	2515.468	0.000	2514.460	S[24]
G[2]	204.098	2402.444	2386.425	0.000	2385.417	G[23]
R[3]	368.199	2348.423	2329.404	2330.412	2328.396	R[22]
G[4]	417.220	2189.321	2178.303	2174.310	2172.295	G[21]
K[5]	545.315	2132.830	2116.281	2117.289	2115.273	K[20]
G[6]	602.337	2004.205	1988.186	1989.194	1987.178	G[19]
G[7]	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K[8]	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G[9]	844.475	1762.067	1746.048	1747.056	1745.041	G[16]
L[10]	937.559	1705.046	1689.027	1690.035	1688.019	L[15]
G[11]	1014.580	1581.962	1575.943	1576.951	1574.935	G[14]
K[12]	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G[13]	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G[14]	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A[15]	1327.755	1292.802	1276.783	1277.791	1275.776	A[10]
R[16]	1435.850	1221.765	1205.746	1206.754	1204.739	R[9]
R[17]	1631.953	1093.620	1077.601	1078.609	1076.594	R[8]
H[18]	1749.010	937.569	921.550	922.558	920.542	H[7]
R[19]	1919.127	800.510	784.491	785.499	783.484	R[6]
K[20]	2047.222	630.393	634.375	635.382	633.367	K[5]
V[21]	2146.290	502.298	486.280	487.287	485.272	V[4]
L[22]	2259.374	403.230	387.211	388.219	386.203	L[3]
D[23]	2415.476	280.146	274.127	275.135	273.119	D[2]
D[24]	2530.503	134.045	138.026	139.034	137.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl)
(14.02) KVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=92.14
- ▶ F112758.dat
- ▶ query=q55700.p1
- ▶ precursor=507.104110
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1266.247	1258.238	0.504	1257.734	S 24
G 2	102.553	1201.726	1193.716	0.504	1193.212	G 23
R 3	180.603	1173.215	1165.206	1165.709	1164.702	R 22
G 4	269.114	1095.194	1087.183	1087.559	1086.551	G 21
K 5	273.163	1066.654	1058.644	1058.148	1058.140	K 20
G 6	301.672	1002.608	994.597	995.101	994.093	G 19
G 7	330.183	974.095	966.086	966.590	965.582	G 18
K 8	394.230	945.585	937.575	938.079	937.071	K 17
G 9	422.741	888.537	873.528	874.032	873.024	G 16
L 10	479.283	853.026	845.017	845.521	844.513	L 15
G 11	507.794	796.484	788.475	788.979	787.971	G 14
R 12	571.841	767.974	759.964	760.468	759.460	R 13
G 13	600.352	703.926	695.917	696.421	695.413	G 12
G 14	628.863	675.415	667.406	667.910	666.902	G 11
A 15	664.381	646.905	638.895	639.399	638.391	A 10
R 16	728.429	611.366	603.377	603.881	602.873	R 9
R 17	806.479	547.539	539.329	539.833	538.825	R 8
H 18	875.009	509.288	461.279	461.783	460.775	H 7
R 19	960.067	400.759	392.749	393.253	392.245	R 6
R 20	1024.115	315.700	307.691	308.195	307.187	R 5
V 21	1073.649	251.653	243.643	244.147	243.140	V 4
L 22	1138.191	202.119	194.109	194.613	193.605	L 3
D 23	1288.441	148.571	137.562	138.066	137.058	D 2
D 24	1265.755	87.525	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl) KVLRD
(14.02)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=92.14
- ▶ F112758.dat
- ▶ query=q55700.p1
- ▶ precursor=507.104110
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.526	S[24]
G[2]	68.704	801.486	796.147	0.672	795.511	G[23]
R[3]	120.738	782.479	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	588.027	582.688	583.024	582.352	G[16]
L[10]	319.858	569.020	563.580	564.016	563.345	L[15]
G[11]	338.865	531.325	525.986	526.322	525.650	G[14]
K[12]	381.563	512.318	506.973	507.315	506.643	K[13]
G[13]	400.570	499.620	494.280	494.616	493.944	G[12]
G[14]	419.578	480.613	445.273	445.609	444.937	G[11]
A[15]	443.297	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	395.228	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.853	308.191	307.519	H[7]
R[19]	667.391	287.508	282.168	282.505	281.833	R[6]
K[20]	683.079	210.803	205.463	205.799	205.127	K[5]
V[21]	718.102	188.104	182.764	183.101	182.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

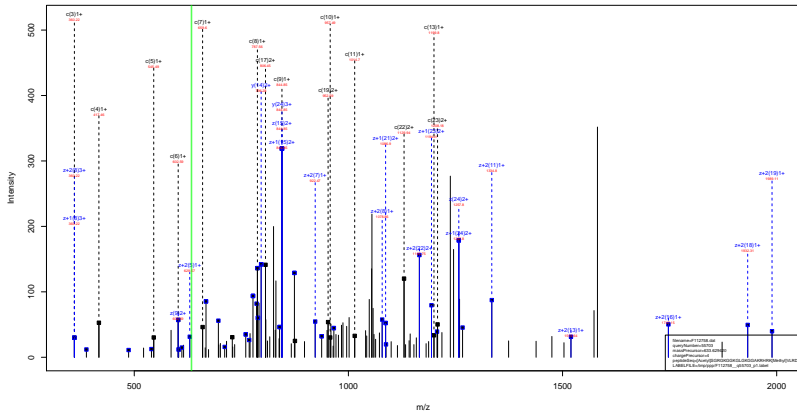
[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl)
(14.02) KVLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=92.14
- ▶ F112758.dat
- ▶ query=q55700.p1
- ▶ precursor=507.104110
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	633.027	629.622	0.755	629.370	S[24]
G[2]	51.780	601.366	599.267	0.755	597.110	G[23]
R[3]	90.305	587.111	583.106	583.358	582.854	R[22]
G[4]	105.061	548.086	544.081	544.333	543.829	G[21]
K[5]	137.084	533.830	529.826	530.078	529.574	K[20]
G[6]	151.340	501.807	497.802	498.054	497.550	G[19]
G[7]	165.595	467.551	463.547	463.799	463.295	G[18]
K[8]	197.619	473.296	469.291	469.543	469.039	K[17]
G[9]	211.874	441.272	437.268	437.520	437.016	G[16]
L[10]	240.140	427.017	423.012	423.264	422.760	L[15]
G[11]	254.401	398.746	394.741	394.993	394.489	G[14]
K[12]	286.424	384.490	380.486	380.738	380.234	K[13]
G[13]	300.680	352.467	348.462	348.714	348.210	G[12]
G[14]	314.935	338.211	334.207	334.459	333.955	G[11]
A[15]	332.694	423.956	319.951	320.203	319.699	A[10]
K[16]	364.718	306.197	302.192	302.444	301.940	K[9]
R[17]	403.743	274.173	270.168	270.420	269.916	R[8]
H[18]	438.008	235.148	231.143	231.395	230.891	H[7]
R[19]	480.537	200.883	196.878	197.130	196.626	R[6]
K[20]	512.561	138.354	134.349	134.601	134.097	K[5]
V[21]	537.328	126.130	122.125	122.377	122.073	V[4]
L[22]	565.599	101.563	97.558	97.810	97.306	L[3]
R[23]	604.624	73.292	69.287	69.539	69.035	R[2]
D[24]	633.381	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLRD
14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.80
- ▶ F112758.dat
- ▶ query=q55703.p1
- ▶ precursor=633.629420
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	167.076	2531.487	2515.468	0.000	2514.460	S[24]
G[2]	224.598	2402.444	2386.425	0.000	2385.417	G[23]
T[3]	306.199	2348.423	2332.404	2330.412	2328.396	T[22]
G[4]	417.220	2189.321	2174.303	2174.310	2172.295	G[21]
K[5]	545.115	2132.300	2116.281	2117.289	2115.273	K[20]
G[6]	602.337	2004.205	1988.186	1989.194	1987.178	G[19]
G[7]	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K[8]	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G[9]	844.475	1782.067	1746.048	1747.056	1745.041	G[16]
L[10]	957.559	1725.046	1689.027	1693.035	1688.013	L[15]
G[11]	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K[12]	1142.075	1534.940	1518.921	1519.929	1517.914	K[13]
G[13]	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G[14]	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A[15]	1327.735	1292.802	1276.783	1277.791	1275.776	A[10]
K[16]	1405.850	1224.705	1205.748	1206.754	1204.739	K[9]
R[17]	1611.951	1093.630	1077.651	1078.659	1076.644	R[8]
H[18]	1748.010	937.568	921.550	922.558	920.542	H[7]
R[19]	1905.111	800.510	784.491	785.499	783.484	R[6]
K[20]	2047.222	644.409	628.390	629.398	627.382	K[5]
V[21]	2146.290	502.298	486.280	487.287	485.272	V[4]
L[22]	2289.374	403.216	387.211	388.219	386.203	L[3]
L[23]	2419.476	290.140	274.127	275.135	273.119	L[2]
D[24]	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.80
- ▶ F112758.dat
- ▶ query=q55703.p1
- ▶ precursor=633.629420
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1266.247	1258.238	0.504	1257.734	S 24
G 2	102.553	1201.726	1193.716	0.504	1193.212	G 23
R 3	180.603	1173.215	1165.206	1165.709	1164.702	R 22
G 4	259.114	1095.164	1087.155	1087.559	1086.551	G 21
K 5	273.153	1058.654	1058.654	1059.148	1055.141	K 20
G 6	303.672	1002.606	994.597	995.101	994.093	G 19
G 7	330.183	974.095	966.086	966.590	965.582	G 18
K 8	394.230	945.585	937.575	938.079	937.071	K 17
G 9	422.741	881.537	873.528	874.032	873.025	G 16
L 10	479.283	853.026	845.017	845.521	844.513	L 15
G 11	507.794	796.484	788.475	788.979	787.971	G 14
K 12	571.841	767.974	759.964	760.468	759.460	K 13
G 13	600.352	703.926	695.917	696.421	695.413	G 12
G 14	628.863	675.415	667.406	667.910	666.902	G 11
A 15	694.384	646.905	638.895	639.399	638.391	A 10
R 16	728.429	611.386	603.377	603.881	602.873	R 9
R 17	806.479	547.339	539.329	539.833	538.825	R 8
H 18	875.009	469.288	461.279	461.783	460.775	H 7
R 19	953.059	400.759	392.749	393.253	392.245	R 6
K 20	1028.115	322.708	314.699	315.203	314.195	K 5
V 21	1073.669	253.653	245.643	246.147	245.140	V 4
L 22	1130.191	202.110	194.100	194.613	193.605	L 3
R 23	1208.241	145.577	137.567	138.071	137.063	R 2
D 24	1265.755	67.526	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

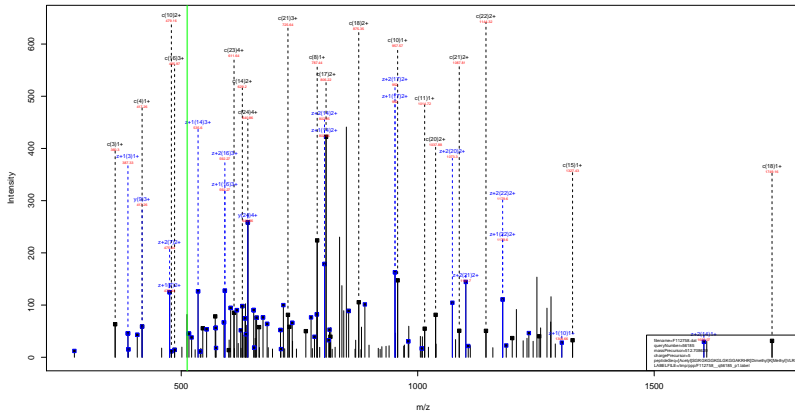
[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.80
- ▶ F112758.dat
- ▶ query=q55703.p1
- ▶ precursor=633.629420
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.825	S[24]
G[2]	68.704	801.486	796.147	0.672	795.811	G[23]
R[3]	120.738	782.479	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	588.027	582.688	583.024	582.352	G[16]
L[10]	319.858	569.020	563.680	564.016	563.345	L[15]
G[11]	338.865	531.525	525.986	526.322	525.650	G[14]
K[12]	381.563	512.518	506.979	507.315	506.643	K[13]
G[13]	400.570	469.620	464.280	464.616	463.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.257	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	395.238	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	635.709	287.508	282.168	282.505	281.833	R[6]
K[20]	683.079	215.875	210.535	210.871	209.999	K[5]
V[21]	716.102	188.104	182.764	183.101	182.429	V[4]
L[22]	753.796	135.982	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl} K ^{Methyl} VLRD
 28.03 14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl}K ^{Methyl}VLRD
28.03 14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=73.95
- ▶ F112758.dat
- ▶ query=q56185_p1
- ▶ precursor=512.708620
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2509.518	2541.499	0.000	2542.491	S[24]
G	2	204.098	2430.475	2414.457	0.000	2413.449	G[23]
R	3	368.199	2373.454	2367.435	2358.443	2366.427	R[22]
G	4	417.230	2217.953	2201.934	2202.942	2200.926	G[21]
K	5	545.315	2160.931	2144.913	2145.920	2143.905	K[20]
G	6	602.357	2032.930	2016.918	2017.925	2015.910	G[19]
G	7	659.358	1975.915	1959.899	1960.904	1958.889	G[18]
K	8	787.453	1918.893	1902.875	1903.882	1901.867	K[17]
G	9	814.975	1790.896	1774.880	1775.887	1773.872	G[16]
L	10	957.559	1733.877	1717.860	1718.866	1716.850	L[15]
G	11	1014.580	1619.953	1603.974	1604.982	1602.966	G[14]
K	12	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G	13	1199.697	1434.976	1418.958	1419.966	1417.950	G[12]
G	14	1256.718	1377.955	1361.938	1362.944	1360.928	G[11]
A	15	1327.795	1320.933	1304.915	1305.923	1303.907	A[10]
R	16	1459.850	1249.996	1233.978	1234.985	1232.970	R[9]
R	17	1611.951	1121.991	1105.983	1106.991	1104.975	R[8]
H	18	1749.010	995.000	989.582	990.589	988.574	H[7]
R	19	1933.143	826.941	812.533	813.530	811.515	R[6]
K	20	2075.253	644.409	628.993	629.998	627.982	K[5]
V	21	2174.322	502.298	486.280	487.287	485.272	V[4]
L	22	2287.406	403.232	387.211	388.219	386.203	L[3]
R	23	2443.507	280.146	274.127	-75.135	273.119	R[2]
D	24	2558.534	134.045	118.020	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl}K ^{Methyl}VLRD
28.03 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=73.95
- ▶ F112758.dat
- ▶ query=q56185.p1
- ▶ precursor=512.708620
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1280.263	1272.253	0.504	1271.749	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.228	G[23]
R[3]	180.603	1187.231	1179.221	1179.725	1178.717	R[22]
G[4]	269.114	1109.181	1101.173	1101.675	1100.667	G[21]
K[5]	273.161	1080.060	1072.050	1073.164	1072.156	K[20]
G[6]	351.672	1016.625	1008.612	1009.116	1008.108	G[19]
G[7]	330.193	988.111	980.102	980.606	979.598	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	427.741	895.513	887.503	888.047	887.040	G[16]
L[10]	479.283	867.042	859.033	859.537	858.529	L[15]
G[11]	507.794	810.500	802.491	802.995	801.987	G[14]
K[12]	571.841	781.989	773.980	774.484	773.476	K[13]
G[13]	600.352	717.042	709.032	710.436	709.429	G[12]
G[14]	628.863	689.431	681.422	681.926	680.918	G[11]
A[15]	664.381	669.920	652.911	653.415	652.407	A[10]
R[16]	728.429	625.402	617.392	617.896	616.889	R[9]
R[17]	866.479	561.354	553.345	553.849	552.841	R[8]
R[18]	875.009	483.304	475.294	475.798	474.791	R[7]
R[19]	967.075	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.130	322.700	314.690	315.203	314.195	K[5]
V[21]	1087.865	251.653	243.643	244.147	243.140	V[4]
L[22]	1144.207	202.119	194.109	194.613	193.606	L[3]
R[23]	1222.257	145.577	137.567	138.071	137.063	R[2]
D[24]	1276.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl} K ^{Methyl} VLRD
28.03 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=73.95
- ▶ F112758.dat
- ▶ query=q56185.p1
- ▶ precursor=512.708620
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.169	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	120.738	791.821	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	599.371	592.031	592.367	591.695	G[16]
L[10]	319.958	578.364	573.024	573.360	572.688	L[15]
G[11]	338.965	540.669	535.330	535.666	534.994	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	643.052	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	215.475	210.135	210.471	209.799	K[5]
V[21]	725.445	168.104	162.765	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl} K ^{Methyl} VLRD
28.03 14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=73.95
- ▶ F112758.dat
- ▶ query=q56185.p1
- ▶ precursor=512.708620
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	640.635	636.630	0.755	636.378	S[24]
G[2]	51.780	508.374	604.370	0.755	604.118	G[23]
R[3]	90.805	594.119	590.114	590.366	589.862	R[22]
G[4]	105.061	555.094	551.089	551.341	550.837	G[21]
K[5]	137.084	540.838	536.834	537.086	536.582	K[20]
G[6]	151.340	508.815	504.810	505.062	504.558	G[19]
G[7]	165.595	494.559	490.554	490.806	490.303	G[18]
K[8]	197.619	480.304	476.299	476.551	476.047	K[17]
G[9]	211.874	448.280	445.275	445.527	444.023	G[16]
L[10]	280.148	434.025	430.020	430.272	429.768	L[15]
G[11]	254.403	405.754	401.749	402.001	401.497	G[14]
K[12]	286.424	391.498	387.494	387.746	387.242	K[13]
G[13]	300.680	359.475	355.470	355.722	355.218	G[12]
G[14]	314.935	345.219	341.215	341.466	340.963	G[11]
A[15]	332.694	330.964	326.959	327.211	326.707	A[10]
K[16]	364.718	313.205	309.200	309.452	308.948	K[9]
R[17]	403.743	281.181	277.176	277.428	276.924	R[8]
H[18]	438.008	242.156	238.151	238.403	237.899	H[7]
R[19]	484.041	207.891	203.886	204.138	203.634	R[6]
K[20]	519.569	161.858	157.853	158.105	157.601	K[5]
V[21]	544.336	126.330	122.325	122.577	122.073	V[4]
L[22]	572.607	101.563	97.558	97.810	97.306	L[3]
R[23]	611.632	73.292	69.287	69.539	69.035	R[2]
D[24]	640.389	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=94.29
- ▶ F112758.dat
- ▶ query=q56186.p1
- ▶ precursor=512.708690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2559.518	2543.490	0.000	2542.491	S[24]
G	2	204.598	2430.475	2414.457	0.000	2413.449	G[23]
H	3	374.215	2379.454	2357.438	2354.443	2356.427	H[22]
G	4	431.236	2203.537	2187.518	2188.526	2186.510	G[21]
K	5	559.331	2146.516	2130.500	2131.505	2129.288	K[20]
G	6	616.353	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	673.374	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	801.469	1904.179	1888.159	1889.167	1887.151	K[17]
G	9	858.490	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	915.514	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1028.596	1665.977	1589.958	1590.966	1588.951	G[14]
K	12	1156.691	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1213.712	1420.961	1404.942	1405.950	1403.934	G[12]
G	14	1270.734	1363.939	1347.921	1348.928	1346.913	G[11]
A	15	1341.771	1306.918	1290.900	1291.907	1289.891	A[10]
K	16	1469.866	1250.897	1234.878	1235.886	1233.870	K[9]
R	17	1625.957	1197.886	1181.867	1182.875	1180.859	R[8]
H	18	1763.026	1051.985	935.566	936.574	934.558	H[7]
R	19	1919.127	814.526	798.507	799.515	797.499	R[6]
K	20	2075.253	658.425	642.406	643.414	641.398	K[5]
V	21	2174.322	502.298	486.280	487.287	485.272	V[4]
L	22	2287.406	403.236	387.211	388.219	386.203	L[3]
L	23	2453.587	290.140	274.127	275.135	273.119	L[2]
D	24	2558.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=94.29
- ▶ F112758.dat
- ▶ query=q56186.p1
- ▶ precursor=512.708690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.642	1200.263	1272.253	0.504	1271.749	S 24
G 2	102.553	1215.741	1207.732	0.504	1207.239	G 23
R 3	187.611	1180.231	1179.221	1179.725	1178.717	R 22
G 4	216.722	1102.172	1099.163	1094.667	1093.659	G 21
K 5	280.109	1073.661	1065.652	1066.156	1065.148	K 20
G 6	308.680	1008.614	1001.605	1002.108	1001.101	G 19
G 7	337.191	981.103	973.094	973.598	972.590	G 18
K 8	401.218	952.592	944.583	945.087	944.079	K 17
G 9	429.749	888.545	880.536	881.040	880.032	G 16
L 10	458.291	860.934	857.925	853.920	851.921	L 15
G 11	514.802	803.482	795.483	795.987	794.979	G 14
K 12	578.849	774.982	766.972	767.476	766.468	K 13
G 13	607.360	710.934	702.925	703.429	702.421	G 12
G 14	635.871	682.423	674.414	674.918	673.910	G 11
A 15	671.389	653.912	645.903	646.407	645.399	A 10
R 16	735.437	618.394	610.385	610.889	609.881	R 9
R 17	813.487	554.347	546.337	546.841	545.833	R 8
H 18	882.017	476.290	468.289	468.791	467.783	H 7
R 19	960.067	407.707	399.757	400.261	399.253	R 6
K 20	1038.130	329.716	321.707	322.211	321.203	K 5
V 21	1087.665	251.653	243.643	244.147	243.140	V 4
L 22	1144.207	202.119	194.109	194.613	193.605	L 3
R 23	1222.257	148.577	137.567	138.071	137.063	R 2
D 24	1279.771	67.528	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=94.29
- ▶ F112758.dat
- ▶ query=q56186.p1
- ▶ precursor=512.708690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.507	0.672	848.199	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	125.410	791.823	786.483	786.819	786.147	R[22]
G[4]	144.417	735.117	729.778	730.114	729.442	G[21]
K[5]	187.115	716.110	710.770	711.106	710.435	K[20]
G[6]	206.122	673.412	668.072	668.408	667.736	G[19]
G[7]	225.130	654.405	649.065	649.401	648.729	G[18]
K[8]	267.828	635.397	630.058	630.394	629.722	K[17]
G[9]	286.835	592.699	587.359	587.695	587.024	G[16]
L[10]	324.930	573.692	568.352	568.688	568.016	L[15]
G[11]	343.937	558.997	530.658	530.994	530.322	G[14]
K[12]	386.235	516.990	511.651	511.986	511.315	K[13]
G[13]	405.242	474.292	468.952	469.288	468.616	G[12]
G[14]	424.249	455.285	449.945	450.281	449.609	G[11]
A[15]	447.959	436.277	430.938	431.274	430.602	A[10]
K[16]	490.627	412.598	407.259	407.595	406.923	K[9]
R[17]	542.661	369.900	364.561	364.896	364.225	R[8]
H[18]	588.347	317.866	312.527	312.863	312.191	H[7]
R[19]	630.331	272.180	266.841	267.176	266.505	R[6]
K[20]	692.423	220.140	214.807	215.143	214.471	K[5]
V[21]	725.445	168.104	162.765	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=94.29
- ▶ F112758.dat
- ▶ query=q56186.p1
- ▶ precursor=512.708690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	640.635	636.630	0.755	636.378	S[24]
G[2]	51.780	508.374	604.370	0.755	604.118	G[23]
R[3]	94.309	594.119	590.114	590.366	589.862	R[22]
G[4]	108.564	551.590	547.585	547.837	547.333	G[21]
K[5]	140.588	537.334	533.330	533.582	533.078	K[20]
G[6]	154.844	505.311	501.306	501.558	501.054	G[19]
G[7]	169.099	491.055	487.051	487.303	486.799	G[18]
K[8]	201.123	476.800	472.795	473.047	472.543	K[17]
G[9]	215.378	454.776	449.771	449.923	449.520	G[16]
L[10]	283.049	430.521	426.516	426.768	426.264	L[15]
G[11]	257.904	402.250	398.245	398.497	397.993	G[14]
K[12]	289.928	387.994	383.989	384.242	383.738	K[13]
G[13]	304.184	355.971	351.966	352.218	351.714	G[12]
G[14]	318.439	341.715	337.711	337.963	337.459	G[11]
A[15]	336.198	327.460	323.455	323.707	323.203	A[10]
K[16]	368.222	309.701	305.696	305.948	305.444	K[9]
R[17]	407.247	277.677	273.672	273.924	273.420	R[8]
H[18]	441.512	238.652	234.647	234.899	234.395	H[7]
R[19]	480.537	204.397	200.392	200.644	200.140	R[6]
K[20]	519.569	165.362	161.357	161.609	161.105	K[5]
V[21]	544.336	126.330	122.325	122.577	122.073	V[4]
L[22]	572.607	101.563	97.558	97.810	97.306	L[3]
R[23]	611.632	73.292	69.287	69.539	69.035	R[2]
D[24]	640.389	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK (Dimethyl)_(28.03) VLR (Methyl)_(14.02) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.89
- ▶ F112758.dat
- ▶ query=q56193_p1
- ▶ precursor=853.844030
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2559.518	2543.499	0.000	2542.491	S[24]
G[2]	204.098	2430.475	2414.457	0.000	2413.449	G[23]
R[3]	380.199	2373.454	2357.435	2358.443	2356.427	R[22]
G[4]	417.220	2217.383	2201.364	2202.342	2200.326	G[21]
K[5]	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G[6]	602.337	2032.298	2016.279	2017.295	2015.270	G[19]
G[7]	659.358	1975.215	1959.196	1960.204	1958.188	G[18]
K[8]	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G[9]	844.475	1790.098	1774.080	1775.087	1773.072	G[16]
L[10]	937.559	1733.077	1717.058	1718.066	1716.050	L[15]
G[11]	1014.580	1619.993	1603.974	1604.982	1602.966	G[14]
R[12]	1142.675	1562.971	1546.953	1547.960	1545.945	R[13]
G[13]	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G[14]	1256.718	1377.855	1361.836	1362.844	1360.829	G[11]
A[15]	1327.755	1320.833	1304.815	1305.823	1303.807	A[10]
R[16]	1405.850	1249.799	1233.778	1234.785	1232.770	R[9]
R[17]	1611.951	1171.701	1155.683	1106.691	1104.675	R[8]
H[18]	1749.010	995.600	949.582	950.589	948.574	H[7]
R[19]	1906.111	828.541	812.523	813.530	811.515	R[6]
R[20]	2061.238	672.440	656.422	657.429	655.414	R[5]
V[21]	2180.306	516.314	500.295	501.303	499.287	V[4]
L[22]	2273.390	417.246	401.227	402.235	400.219	L[3]
D[23]	2443.507	304.162	288.143	289.151	287.135	D[2]
D[24]	2558.534	194.045	178.026	179.034	177.018	D[1]

sp | P62806 | H4_MOUSE

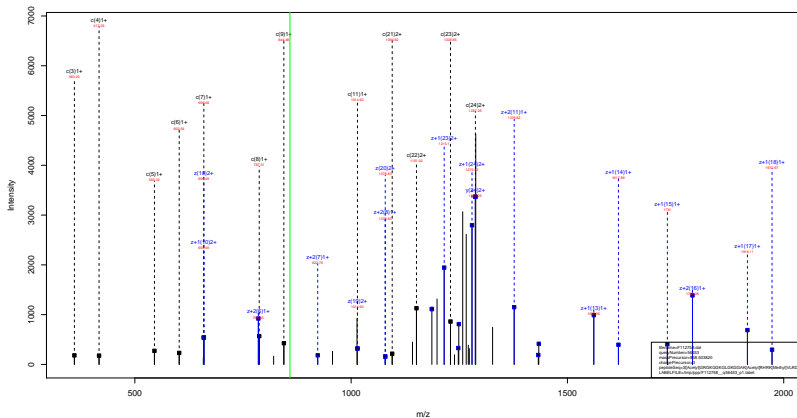
[Acetyl]SGRGKGGKGLGKGGAKRHRK ^(Dimethyl)_(28.03) VLR ^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.89
- ▶ F112758.dat
- ▶ query=q56193_p1
- ▶ precursor=853.844030
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1280.263	1272.253	0.504	1271.749	S[2]
G[2]	102.553	1215.741	1207.732	0.504	1207.228	G[23]
R[3]	180.053	1187.231	1179.221	1179.725	1178.717	R[22]
G[4]	209.114	1159.380	1101.171	1101.675	1100.667	G[21]
K[5]	271.161	1080.669	1072.660	1073.164	1072.156	K[20]
G[6]	301.672	1016.622	1008.612	1009.116	1008.108	G[19]
G[7]	330.183	988.111	980.102	980.606	979.598	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	895.553	887.543	888.047	887.040	G[16]
L[10]	439.283	887.042	889.033	890.537	889.529	L[15]
G[11]	507.794	816.500	807.491	807.995	807.987	G[14]
R[12]	571.841	781.989	773.980	774.484	773.476	R[13]
G[13]	600.352	717.943	709.932	710.436	709.429	G[12]
G[14]	628.863	689.431	681.422	681.926	680.918	G[11]
A[15]	664.381	660.920	652.911	653.415	652.407	A[10]
R[16]	728.439	625.402	617.392	617.896	616.889	R[9]
R[17]	806.478	563.354	553.345	553.849	552.841	R[8]
H[18]	875.009	483.304	475.294	475.798	474.791	H[7]
R[19]	953.059	414.774	406.765	407.269	406.261	R[6]
R[20]	1031.125	336.724	328.714	329.218	328.211	R[5]
V[21]	1080.657	258.661	250.651	251.155	250.147	V[4]
L[22]	1137.199	209.136	201.127	201.631	200.623	L[3]
D[23]	1222.297	132.584	144.573	145.078	144.071	D[2]
D[24]	1279.771	87.525	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl RHRK (Methyl) VLRD
42.01 (14.02)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Methyl) VLRD^(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.60
- ▶ F112758.dat
- ▶ query=q56453_p1
- ▶ precursor=858.503820
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2573.497	2557.478	0.000	2556.471	S[24]
G	2	204.098	2444.455	2428.436	0.000	2427.429	G[23]
R	3	360.199	2307.413	2291.414	2272.422	2310.407	R[22]
G	4	417.220	2213.312	2213.313	2216.321	2214.305	G[21]
K	5	545.315	2174.310	2158.292	2159.300	2157.284	K[20]
G	6	602.337	2046.216	2030.197	2031.205	2029.189	G[19]
G	7	659.358	1989.194	1973.175	1974.183	1972.168	G[18]
K	8	787.453	1932.173	1916.154	1917.162	1915.146	K[17]
G	9	844.475	1804.078	1788.059	1789.067	1787.051	G[16]
L	10	897.556	1747.056	1731.037	1732.045	1730.030	L[15]
G	11	1014.580	1633.972	1617.953	1618.961	1616.946	G[14]
K	12	1142.675	1576.951	1560.932	1561.940	1559.924	K[13]
G	13	1199.697	1448.856	1432.837	1433.845	1431.829	G[12]
G	14	1256.718	1391.834	1375.815	1376.823	1374.808	G[11]
A	15	1327.755	1334.813	1318.794	1319.802	1317.786	A[10]
R	16	1407.801	1283.791	1247.757	1248.765	1246.749	R[9]
R	17	1653.962	1203.670	1187.651	1076.659	1076.644	R[8]
H	18	1791.021	937.569	921.550	922.558	920.542	H[7]
R	19	1947.122	900.510	784.491	785.499	783.484	R[6]
K	20	2089.233	644.409	628.390	629.398	627.382	K[5]
V	21	2188.301	502.298	486.280	487.287	485.272	V[4]
L	22	2401.386	403.230	387.211	388.219	386.203	L[3]
D	23	2674.486	300.140	274.121	275.128	273.112	D[2]
D	24	2572.513	194.045	178.026	179.034	177.018	D[1]

sp | P62806 | H4_MOUSE

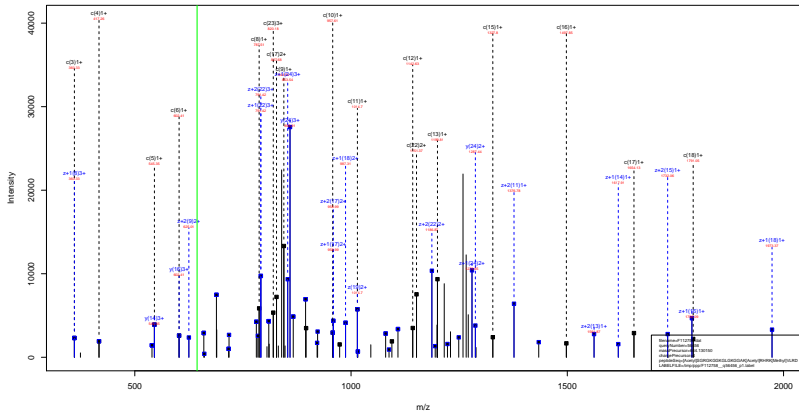
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Methyl) VLRD^(14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.60
- ▶ F112758.dat
- ▶ query=q56453.p1
- ▶ precursor=858.503820
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.092	1287.252	1279.243	0.504	1278.739	S[24]
G[2]	102.553	1222.731	1214.722	0.504	1214.218	G[23]
R[3]	180.603	1194.220	1186.211	1186.715	1185.707	R[22]
G[4]	269.114	1118.170	1108.160	1108.664	1107.656	G[21]
R[5]	373.163	1037.659	1029.649	1030.153	1079.146	R[20]
G[6]	501.672	1023.611	1015.600	1016.106	1015.098	G[19]
G[7]	330.183	995.101	987.091	987.595	988.587	G[18]
K[8]	394.230	956.590	956.581	959.084	958.077	K[17]
G[9]	422.741	902.542	894.533	895.037	894.029	G[16]
L[10]	479.289	874.132	866.122	866.626	865.618	L[15]
G[11]	507.794	817.490	809.480	809.984	808.976	G[14]
K[12]	571.841	789.079	789.070	781.474	780.466	K[13]
G[13]	600.352	724.911	716.902	717.406	716.418	G[12]
G[14]	628.863	696.421	688.411	688.915	687.907	G[11]
A[15]	664.361	667.910	659.901	660.405	659.397	A[10]
R[16]	749.434	632.391	624.382	624.886	623.878	R[9]
R[17]	827.485	547.339	539.329	539.833	538.825	R[6]
H[18]	896.014	469.288	461.279	461.783	460.775	H[7]
R[19]	974.065	400.759	392.749	393.253	392.245	R[6]
K[20]	1046.120	322.708	314.699	315.203	314.195	K[5]
V[21]	1094.654	251.053	243.043	244.547	243.540	V[4]
L[22]	1151.196	202.119	194.109	194.613	193.605	L[1]
R[23]	1229.247	145.577	137.567	138.071	137.063	R[2]
D[24]	1286.760	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Methyl 14.02 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLRD^{14.02}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=135.55
- ▶ F112758.dat
- ▶ query=q56456_p1
- ▶ precursor=644.130150
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.676	2573.497	2557.478	0.000	2556.471	S[24]
G	2	204.098	2444.455	2428.436	0.000	2427.429	G[23]
R	3	350.199	2387.433	2371.414	2372.432	2310.407	R[22]
G	4	417.230	2213.332	2215.313	2216.321	2214.309	G[21]
K	5	545.315	2174.310	2158.292	2159.300	2157.284	K[20]
G	6	602.337	2046.216	2030.197	2031.205	2029.189	G[19]
G	7	659.358	1989.194	1973.175	1974.183	1972.168	G[18]
K	8	787.453	1932.173	1916.154	1917.162	1915.146	K[17]
G	9	844.475	1894.078	1788.059	1789.067	1787.051	G[16]
L	10	927.559	1747.056	1731.037	1732.045	1730.030	L[15]
G	11	1014.580	1633.972	1617.953	1618.961	1616.946	G[14]
K	12	1142.675	1576.951	1560.932	1561.940	1559.924	K[13]
G	13	1199.697	1448.856	1432.837	1433.845	1431.829	G[12]
G	14	1256.718	1391.834	1375.815	1376.823	1374.808	G[11]
A	15	1327.756	1334.812	1318.794	1319.802	1317.786	A[10]
R	16	1497.861	1283.776	1247.757	1248.765	1246.749	R[9]
R	17	1653.962	1093.670	1077.651	1078.659	1076.644	R[8]
H	18	1791.021	937.569	921.550	922.558	920.542	H[7]
R	19	1947.122	800.510	784.491	785.499	783.484	R[6]
K	20	2089.233	644.409	628.390	629.398	627.382	K[5]
V	21	2188.301	502.298	486.280	487.287	485.272	V[4]
L	22	2301.388	403.230	387.211	388.219	386.203	L[3]
R	23	2437.488	290.146	274.127	275.135	273.119	R[2]
D	24	2572.513	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Methyl}VLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=135.55
- ▶ F112758.dat
- ▶ query=q56456.p1
- ▶ precursor=644.130150
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1287.252	1279.243	0.504	1278.739	S[24]
G[2]	102.553	1222.731	1214.722	0.504	1214.218	G[23]
R[3]	180.603	1194.220	1186.211	1186.715	1185.707	R[22]
G[4]	259.114	1129.710	1108.160	1108.654	1107.650	G[21]
K[5]	273.153	1087.659	1079.650	1080.153	1079.149	K[20]
G[6]	301.672	1023.611	1015.602	1016.106	1015.098	G[19]
G[7]	330.183	995.101	987.091	987.595	986.587	G[18]
K[8]	394.230	956.590	958.581	959.084	958.077	K[17]
G[9]	422.741	902.542	894.533	895.037	894.030	G[16]
L[10]	479.293	874.032	866.022	866.526	865.521	L[15]
G[11]	507.794	817.490	809.480	809.984	808.979	G[14]
K[12]	571.841	788.979	780.970	781.474	780.466	K[13]
G[13]	600.352	724.931	716.922	717.426	716.418	G[12]
G[14]	628.863	696.421	688.411	688.915	687.907	G[11]
A[15]	684.381	667.910	659.901	660.405	659.397	A[10]
R[16]	749.438	632.391	624.382	624.886	623.878	R[9]
R[17]	827.485	547.339	539.329	539.833	538.825	R[8]
H[18]	896.014	469.289	461.279	461.783	460.775	H[7]
R[19]	974.065	400.759	392.749	393.253	392.245	R[6]
K[20]	1042.129	322.708	314.699	315.203	314.195	K[5]
V[21]	1094.654	254.653	246.643	247.147	246.140	V[4]
L[22]	1151.196	202.139	194.130	194.633	193.625	L[3]
R[23]	1226.247	145.577	137.567	138.071	137.063	R[2]
D[24]	1286.700	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

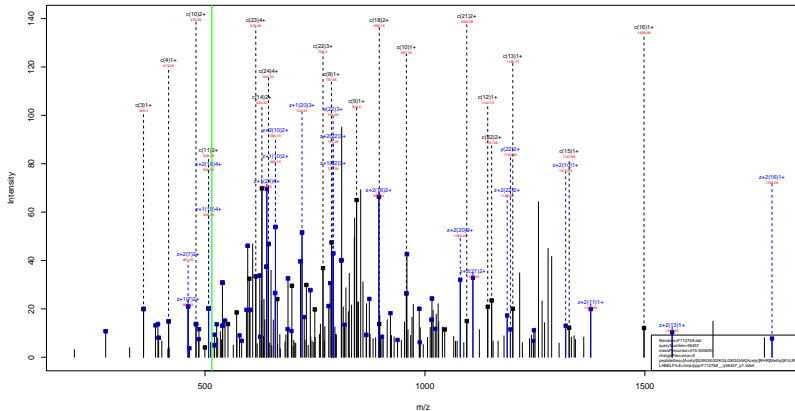
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=135.55
- ▶ F112758.dat
- ▶ query=q56456.p1
- ▶ precursor=644.130150
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	858.504	853.164	0.672	852.838	S[24]
G[2]	58.704	815.490	810.150	0.672	809.814	G[23]
R[3]	150.738	796.481	791.143	791.479	790.807	R[22]
G[4]	139.745	784.449	739.109	739.445	738.773	G[21]
K[5]	182.443	725.442	720.102	720.438	719.766	K[20]
G[6]	201.450	682.743	677.404	677.740	677.068	G[19]
G[7]	220.458	663.736	658.397	658.733	658.061	G[18]
K[8]	263.156	644.729	639.389	639.725	639.054	K[17]
G[9]	282.163	602.031	596.691	597.027	596.355	G[16]
L[10]	319.958	584.024	577.684	578.020	577.348	L[15]
G[11]	338.965	545.329	539.989	540.325	539.653	G[14]
K[12]	381.563	526.322	520.982	521.318	520.646	K[13]
G[13]	400.570	483.623	478.284	478.620	477.948	G[12]
G[14]	419.578	464.616	459.277	459.613	458.941	G[11]
A[15]	443.257	445.609	440.270	440.605	439.934	A[10]
K[16]	469.958	421.930	416.590	416.926	416.255	K[9]
R[17]	551.992	365.226	359.889	360.225	359.553	R[8]
H[18]	597.678	313.195	307.855	308.191	307.519	H[7]
R[19]	649.712	297.508	262.169	262.505	261.833	R[6]
K[20]	697.082	215.475	210.137	210.471	209.799	K[5]
V[21]	730.105	168.104	162.765	163.101	162.429	V[4]
L[22]	767.800	135.082	129.742	130.078	129.406	L[3]
R[23]	819.834	97.387	92.047	92.383	91.711	R[2]
D[24]	858.176	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHR ^{Methyl}14.02 KVLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Methyl} KVLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.02
- ▶ F112758.dat
- ▶ query=q56457_p1
- ▶ precursor=515.505690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	257.3497	257.478	0.000	256.471	S[24]
G[2]	204.008	2444.455	2428.430	0.000	2427.428	G[23]
R[3]	360.199	2387.433	2371.411	2472.422	2370.407	R[22]
G[4]	417.220	2331.328	2315.313	2218.221	2214.205	G[21]
K[5]	545.315	2174.310	2158.290	2159.300	2157.284	K[20]
G[6]	602.337	2046.216	2030.197	2031.205	2029.189	G[19]
G[7]	659.358	1989.104	1973.175	1974.183	1972.166	G[18]
K[8]	787.453	1932.173	1916.154	1917.162	1915.146	K[17]
G[9]	844.475	1804.078	1788.050	1789.067	1787.051	G[16]
L[10]	927.559	1747.056	1731.037	1732.045	1730.028	L[15]
Q[11]	1014.580	1633.972	1617.953	1618.961	1616.944	Q[14]
K[12]	1142.675	1576.951	1560.932	1561.940	1559.924	K[13]
G[13]	1199.697	1448.856	1432.837	1433.845	1431.829	G[12]
G[14]	1256.718	1391.834	1375.810	1376.823	1374.800	G[11]
A[15]	1327.755	1334.813	1318.789	1319.802	1317.785	A[10]
R[16]	1407.861	1293.798	1247.757	1248.765	1246.749	R[9]
R[17]	1653.962	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1791.021	937.569	921.550	922.558	920.542	H[7]
R[19]	1961.128	800.510	784.491	785.499	783.484	R[6]
K[20]	2089.233	630.393	614.375	615.382	613.367	K[5]
V[21]	2188.301	602.298	486.280	487.287	485.272	V[4]
L[22]	2301.388	493.170	387.211	388.219	386.204	L[3]
R[23]	2457.486	390.148	274.127	275.135	273.119	R[2]
D[24]	2572.513	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Methyl} KVLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.02
- ▶ F112758.dat
- ▶ query=q56457_p1
- ▶ precursor=515.505690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1087.252	1270.243	0.504	1278.739	S[24]
G[2]	102.553	8222.731	1214.722	0.504	1214.218	G[23]
R[3]	180.603	1194.220	1186.211	1186.715	1185.707	R[22]
G[4]	339.114	1158.170	1108.160	1108.664	1107.656	G[21]
K[5]	274.163	1087.655	1079.650	1080.153	1079.148	K[20]
G[6]	301.672	1023.611	1015.602	1016.106	1015.098	G[19]
G[7]	330.183	895.101	987.091	987.595	986.587	G[18]
K[8]	394.230	956.590	958.581	959.084	958.077	K[17]
G[9]	627.711	892.542	894.533	895.037	894.030	G[16]
L[10]	479.283	874.032	866.022	866.526	865.521	L[15]
G[11]	507.794	817.490	809.480	809.984	808.979	G[14]
K[12]	571.841	788.979	780.970	781.474	780.466	K[13]
G[13]	600.352	724.931	716.922	717.426	716.418	G[12]
G[14]	628.863	696.421	688.411	688.915	687.907	G[11]
A[15]	604.381	687.910	655.901	668.905	659.397	A[10]
R[16]	749.434	632.391	624.382	624.886	623.877	R[9]
R[17]	827.485	547.339	539.329	539.833	538.825	R[6]
H[18]	896.014	469.288	461.279	461.783	460.775	H[7]
R[19]	981.072	400.759	392.749	393.253	392.245	R[6]
K[20]	1045.120	315.700	307.691	308.195	307.187	K[5]
V[21]	1094.654	252.653	244.643	244.147	243.140	V[4]
L[22]	1151.196	202.119	194.109	194.613	193.605	L[3]
R[23]	1226.247	148.577	137.567	138.071	137.063	R[2]
D[24]	1286.700	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Methyl} KVLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.02
- ▶ F112758.dat
- ▶ query=q56457.p1
- ▶ precursor=515.505690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	858.504	853.164	0.672	852.828	S[24]
G[2]	58.704	915.490	810.150	0.672	809.814	G[23]
R[3]	120.738	796.483	791.143	791.479	790.807	R[22]
G[4]	139.745	784.449	739.109	739.445	738.773	G[21]
K[5]	182.443	725.442	720.102	720.438	719.766	K[20]
G[6]	201.450	682.743	677.404	677.740	677.068	G[19]
G[7]	220.458	663.736	658.397	658.733	658.061	G[18]
K[8]	253.156	644.729	639.389	639.725	639.054	K[17]
G[9]	282.183	602.031	596.691	597.027	596.355	G[16]
L[10]	319.958	583.024	577.687	578.020	577.348	L[15]
G[11]	338.965	545.329	539.989	540.325	539.653	G[14]
K[12]	381.563	526.322	520.982	521.318	520.646	K[13]
G[13]	400.570	483.623	478.284	478.620	477.948	G[12]
G[14]	419.578	464.616	459.277	459.613	458.941	G[11]
A[15]	443.257	445.609	440.270	440.605	439.934	A[10]
K[16]	499.958	421.930	416.590	416.926	416.255	K[9]
R[17]	551.992	365.226	359.889	360.225	359.553	R[8]
H[18]	597.678	313.195	307.855	308.191	307.519	H[7]
R[19]	634.384	297.508	292.169	292.505	291.833	R[6]
K[20]	697.082	210.803	205.464	205.799	205.127	K[5]
V[21]	730.105	168.104	162.765	163.101	162.429	V[4]
L[22]	767.800	135.082	129.742	130.078	129.406	L[3]
R[23]	819.834	97.387	92.047	92.383	91.711	R[2]
D[24]	858.176	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Methyl} KVLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=76.02
- ▶ F112758.dat
- ▶ query=q56457.p1
- ▶ precursor=515.505690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	644.130	640.125	0.755	639.073	S[24]
G[2]	51.780	511.850	607.854	0.755	607.612	G[23]
R[3]	90.805	597.614	593.609	593.861	593.352	R[22]
G[4]	105.061	558.588	554.584	554.836	554.332	G[21]
K[5]	137.084	544.333	540.328	540.580	540.076	K[20]
G[6]	151.340	512.309	508.305	508.557	508.053	G[19]
G[7]	165.595	498.054	494.049	494.301	493.797	G[18]
K[8]	197.619	483.799	479.794	480.046	479.542	K[17]
G[9]	211.874	451.775	447.770	448.022	447.518	G[16]
L[10]	280.148	437.520	433.515	433.767	433.263	L[15]
G[11]	254.403	409.245	405.244	405.496	404.992	G[14]
K[12]	286.424	394.993	390.988	391.240	390.736	K[13]
G[13]	300.680	362.969	358.965	359.217	358.713	G[12]
G[14]	314.935	348.714	344.709	344.961	344.457	G[11]
A[15]	332.694	334.459	330.454	330.706	330.202	A[10]
K[16]	375.221	316.699	312.695	312.947	312.443	K[9]
R[17]	414.246	274.173	270.168	270.420	269.916	R[8]
H[18]	448.511	235.148	231.143	231.395	230.891	H[7]
R[19]	491.040	200.883	196.878	197.130	196.626	R[6]
K[20]	523.054	158.354	154.349	154.601	154.097	K[5]
V[21]	547.831	126.330	122.325	122.577	122.073	V[4]
L[22]	576.102	101.563	97.558	97.810	97.306	L[3]
R[23]	615.127	73.292	69.287	69.539	69.035	R[2]
D[24]	643.884	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

SGR ^{Methyl} 14.02 GKGGK ^{Acetyl} 42.01 GLGKGGAKRHR ^{Methyl} 14.02 KVLK ^{Dimethyl} 28.03 D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.22
- ▶ F112758.dat
- ▶ query=q56466_p1
- ▶ precursor=515.512830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	2573.534	2557.515	0.000	2556.507	S[24]
G[2]	102.087	2486.501	2470.483	0.000	2469.475	G[23]
R[3]	102.204	2629.480	2613.461	2614.469	2612.453	R[22]
G[4]	899.228	2259.361	2243.345	2244.352	2242.337	G[21]
K[5]	517.321	2202.342	2186.323	2187.331	2185.315	K[20]
G[6]	574.342	2074.347	2058.328	2059.336	2057.320	G[19]
G[7]	631.363	2017.325	2001.307	2002.314	2000.300	G[18]
K[8]	801.469	1960.304	1944.285	1945.293	1943.277	K[17]
G[9]	858.490	1790.289	1774.280	1775.287	1773.272	G[16]
L[10]	913.514	1733.077	1717.058	1718.066	1716.050	L[15]
Q[11]	1028.596	1619.993	1601.974	1604.982	1602.966	Q[14]
K[12]	1156.691	1562.971	1546.953	1547.960	1545.945	K[13]
G[13]	1213.712	1434.878	1418.859	1419.866	1417.850	G[12]
G[14]	1270.734	1377.855	1361.836	1362.844	1360.828	G[11]
A[15]	1341.771	1240.813	1224.795	1305.823	1203.806	A[10]
R[16]	1469.868	1202.795	1223.776	1234.785	1232.770	R[9]
R[17]	1625.967	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1763.026	965.600	949.582	950.589	948.574	H[7]
R[19]	1933.143	828.541	812.523	813.530	811.515	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.399	K[5]
V[21]	2160.306	439.340	514.311	515.319	513.303	V[4]
L[22]	2273.399	431.261	415.243	416.250	414.235	L[3]
R[23]	2467.523	318.177	302.158	303.166	301.151	R[2]
D[24]	2572.550	134.045	138.026	139.034	137.018	D[1]

sp | P62806 | H4_MOUSE

SGR ^{Methyl} 14.02 GKGGK ^{Acetyl} 42.01 GLGKGGAKRHR ^{Methyl} 14.02 KVLRL ^{Dimethyl} 28.03 D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=38.22
- ▶ F112758.dat
- ▶ query=q56466.p1
- ▶ precursor=515.512830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	1297.230	1279.263	0.504	1278.757	S[24]
G[2]	81.547	1243.754	1235.745	0.504	1235.241	G[23]
R[3]	166.656	1215.244	1207.238	1207.738	1206.730	R[22]
G[4]	195.119	1130.185	1122.176	1122.689	1121.672	G[21]
K[5]	259.194	1051.675	1093.665	1094.169	1093.161	K[20]
G[6]	287.675	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	316.185	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	401.238	980.606	972.596	973.100	972.092	K[17]
G[9]	429.742	895.551	887.543	888.047	887.040	G[16]
L[10]	485.291	887.042	859.033	859.537	858.529	L[15]
G[11]	514.804	810.500	802.491	802.995	801.987	G[14]
K[12]	578.849	781.989	773.980	774.484	773.476	K[13]
G[13]	607.360	717.042	709.932	710.436	709.429	G[12]
G[14]	635.871	689.431	681.422	681.926	680.918	G[11]
A[15]	671.389	680.920	652.911	653.415	652.407	A[10]
R[16]	715.437	682.402	617.392	617.896	616.889	R[9]
R[17]	813.487	561.354	553.345	553.849	552.841	R[8]
H[18]	882.017	483.304	475.294	475.798	474.791	H[7]
R[19]	967.015	414.774	406.765	407.269	406.261	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.667	285.660	287.650	288.153	287.145	V[4]
L[22]	1137.199	218.134	209.125	209.629	208.621	L[3]
R[23]	1259.285	159.592	151.583	152.087	151.079	R[2]
D[24]	1286.778	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGR ^{Methyl} 14.02 GKGGK ^{Acetyl} 42.01 GLGKGGAKRHR ^{Methyl} 14.02 KVLK ^{Dimethyl} 28.03 D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=38.22
- ▶ F112758.dat
- ▶ query=q56466.p1
- ▶ precursor=515.512830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	858.516	853.170	0.672	852.841	S[24]
G[2]	54.701	829.505	824.166	0.672	823.830	G[23]
R[3]	111.406	810.498	805.159	805.495	804.823	R[22]
G[4]	130.413	753.793	748.453	748.789	748.117	G[21]
K[5]	173.112	734.785	729.446	729.446	729.110	K[20]
G[6]	192.119	692.087	686.748	687.083	686.412	G[19]
G[7]	211.126	673.080	667.740	668.076	667.404	G[18]
K[8]	267.828	654.073	648.733	649.069	648.397	K[17]
G[9]	286.835	597.371	592.031	592.367	591.691	G[16]
L[10]	324.930	578.364	573.024	573.360	572.688	L[15]
G[11]	363.537	540.660	535.330	535.666	534.994	G[14]
K[12]	386.235	521.662	516.322	516.658	515.986	K[13]
G[13]	405.242	478.964	473.624	473.960	473.288	G[12]
G[14]	424.249	459.957	454.617	454.953	454.281	G[11]
A[15]	447.959	440.949	435.610	435.946	435.274	A[10]
K[16]	490.627	417.270	411.931	412.267	411.595	K[9]
R[17]	542.661	374.572	369.232	369.568	368.896	R[8]
H[18]	568.347	322.538	317.199	317.535	316.863	H[7]
R[19]	645.052	276.852	271.512	271.848	271.176	R[6]
K[20]	667.751	220.146	214.807	215.143	214.471	K[5]
V[21]	720.774	177.448	172.109	172.444	171.773	V[4]
L[22]	758.468	144.425	139.086	139.422	138.750	L[3]
R[23]	819.846	106.731	101.391	101.727	101.055	R[2]
D[24]	858.188	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGR ^{Methyl} 14.02 GKGGK ^{Acetyl} 42.01 GLGKGGAKRHR ^{Methyl} 14.02 KVLK ^{Dimethyl} 28.03 D

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=38.22
- ▶ F112758.dat
- ▶ query=q56466.p1
- ▶ precursor=515.512830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	27.022	644.139	640.134	0.755	639.882	S[24]
G[2]	41.277	527.381	618.376	0.755	618.124	G[23]
R[3]	83.806	608.125	604.121	604.373	603.869	R[22]
G[4]	98.062	565.596	561.592	561.844	561.340	G[21]
K[5]	130.086	551.341	547.336	547.588	547.084	K[20]
G[6]	144.341	519.317	515.312	515.564	515.061	G[19]
G[7]	158.596	505.062	501.057	501.309	500.805	G[18]
K[8]	201.123	490.806	486.802	487.054	486.550	K[17]
G[9]	215.378	476.550	472.545	472.797	472.293	G[16]
L[10]	283.049	434.025	430.020	430.272	429.768	L[15]
G[11]	257.904	405.754	401.749	402.001	401.497	G[14]
K[12]	289.928	391.498	387.494	387.746	387.242	K[13]
G[13]	304.184	359.475	355.470	355.722	355.218	G[12]
G[14]	318.439	345.219	341.215	341.466	340.963	G[11]
A[15]	336.198	330.964	326.959	327.211	326.707	A[10]
K[16]	368.222	313.205	309.200	309.452	308.948	K[9]
R[17]	407.247	-81.181	277.178	277.428	-76.924	R[8]
H[18]	441.512	242.156	238.151	238.403	237.899	H[7]
R[19]	484.041	207.891	203.886	204.138	203.634	R[6]
K[20]	516.065	195.362	191.357	191.609	191.105	K[5]
V[21]	540.832	133.338	129.333	129.585	129.081	V[4]
L[22]	569.103	108.571	104.566	104.818	104.314	L[3]
R[23]	615.136	80.300	76.295	76.547	76.043	R[2]
D[24]	643.893	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^(Methyl)_(14.02) VLR^{Dimethyl}_{28.03} D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.20
- ▶ F112758.dat
- ▶ query=q56896.p1
- ▶ precursor=521.111010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2601.528	2385.510	0.000	2584.502	S[24]
G	2	204.998	2472.489	2456.467	0.000	2455.459	G[23]
R	3	360.199	2415.464	2399.440	2400.453	2398.438	R[22]
G	4	417.220	2259.363	2241.346	2244.352	2242.337	G[21]
K	5	545.315	2202.342	2185.323	2187.331	2185.315	K[20]
G	6	602.337	2074.247	2058.228	2059.236	2057.220	G[19]
G	7	659.358	2017.225	2001.207	2002.214	2000.199	G[18]
K	8	787.453	1960.204	1944.185	1945.193	1943.177	K[17]
G	9	844.475	1832.109	1816.090	1817.098	1815.082	G[16]
L	10	937.559	1775.087	1759.069	1760.077	1758.061	L[15]
G	11	1014.580	1662.093	1645.965	1646.993	1644.977	G[14]
K	12	1142.675	1604.082	1588.963	1589.971	1587.955	K[13]
G	13	1199.697	1476.887	1460.868	1461.876	1459.860	G[12]
G	14	1256.718	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1327.755	1362.844	1346.825	1347.833	1345.819	A[10]
K	16	1497.861	1291.807	1275.788	1276.796	1274.780	K[9]
R	17	1653.862	1124.701	1108.683	1109.691	1104.675	R[8]
H	18	1791.021	985.600	949.582	950.589	948.574	H[7]
R	19	1947.122	828.541	812.523	813.530	811.515	R[6]
K	20	2089.233	672.440	656.422	657.429	655.414	K[5]
V	21	2188.301	530.330	514.311	515.319	513.303	V[4]
L	22	2301.385	431.263	415.243	416.250	414.235	L[3]
R	23	2486.537	338.177	302.158	303.166	301.151	R[2]
D	24	2600.544	194.045	118.020	119.034	117.015	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Methyl) VLR^{Dimethyl} D
 42.01 (14.02) 28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.20
- ▶ F112758.dat
- ▶ query=q56896.p1
- ▶ precursor=521.111010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1301.268	1293.258	0.304	1292.755	S[24]
G	2	102.553	1236.747	1228.737	0.304	1228.233	G[23]
R	3	180.601	1208.236	1200.226	1200.730	1199.723	R[22]
G	4	259.114	1130.389	1122.176	1122.680	1121.672	G[21]
K	5	273.161	1101.675	1093.665	1094.169	1093.161	K[20]
G	6	301.672	1037.027	1029.618	1030.122	1029.114	G[19]
G	7	330.183	1008.116	1001.107	1001.611	1000.603	G[18]
K	8	394.230	980.006	972.595	973.100	972.092	K[17]
G	9	422.741	916.558	908.548	909.053	908.045	G[16]
L	10	479.203	888.047	880.037	880.542	879.535	L[15]
G	11	507.794	831.505	823.495	824.000	823.992	G[14]
R	12	571.841	802.095	794.985	795.489	794.481	R[13]
G	13	600.352	738.047	730.938	731.443	730.434	G[12]
G	14	628.863	710.436	702.427	702.931	701.923	G[11]
A	15	664.381	681.926	673.916	674.420	673.412	A[10]
R	16	749.434	646.407	638.398	638.902	637.895	R[9]
R	17	827.485	593.354	585.345	585.849	584.841	R[8]
H	18	896.014	483.304	475.294	475.798	474.791	H[7]
R	19	974.065	414.774	406.765	407.269	406.261	R[6]
R	20	1045.120	336.724	328.714	329.218	328.211	R[5]
V	21	1094.654	265.668	257.658	258.163	257.155	V[4]
L	22	1151.196	216.134	208.125	208.629	207.621	L[3]
D	23	1243.262	159.592	151.583	152.087	151.079	D[2]
D	24	1300.776	87.525	89.517	90.021	89.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Methyl) VLR^{Dimethyl} D
 42.01 (14.02) 28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=75.20
- ▶ F112758.dat
- ▶ query=q56896.p1
- ▶ precursor=521.111010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	867.848	862.908	0.672	862.172	S[24]
G[2]	68.704	824.833	819.494	0.672	819.156	G[23]
R[3]	120.738	805.826	800.487	800.823	800.151	R[22]
G[4]	139.745	753.793	748.453	748.789	748.117	G[21]
K[5]	182.443	734.785	729.446	729.782	729.110	K[20]
G[6]	201.450	692.087	686.748	687.083	686.412	G[19]
G[7]	220.458	673.080	667.740	668.076	667.404	G[18]
K[8]	263.156	654.073	648.733	649.069	648.397	K[17]
G[9]	282.163	611.374	606.035	606.371	605.699	G[16]
L[10]	319.858	592.367	587.028	587.364	586.692	L[15]
G[11]	338.866	554.871	549.533	549.869	549.197	G[14]
K[12]	381.563	535.866	530.526	530.862	529.990	K[13]
G[13]	400.570	492.967	487.628	487.964	487.292	G[12]
G[14]	419.578	473.960	468.620	468.956	468.285	G[11]
A[15]	443.257	454.953	449.613	449.949	449.277	A[10]
K[16]	499.958	431.274	425.934	426.270	425.598	K[9]
R[17]	551.992	374.572	369.232	369.568	368.896	R[8]
H[18]	597.676	322.538	317.199	317.535	316.863	H[7]
R[19]	649.712	276.852	271.512	271.848	271.176	R[6]
K[20]	697.062	234.818	219.479	219.815	219.143	K[5]
V[21]	730.105	177.448	172.109	172.444	171.773	V[4]
L[22]	767.597	144.425	139.086	139.422	138.750	L[1]
R[23]	829.177	108.731	103.391	103.727	103.055	R[2]
D[24]	867.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Methyl) VLR^{Dimethyl} D
 42.01 (14.02) 28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=75.20
- ▶ F112758.dat
- ▶ query=q56896.p1
- ▶ precursor=521.111010
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	651.138	547.133	0.755	646.981	S[24]
G[2]	51.780	618.877	514.872	0.755	614.620	G[23]
R[3]	90.805	694.622	600.617	600.869	600.965	R[22]
G[4]	105.061	565.596	561.592	561.844	561.340	G[21]
K[5]	137.084	351.341	547.336	547.588	547.084	K[20]
G[6]	151.340	819.317	515.312	515.564	515.061	G[19]
G[7]	165.595	505.062	501.057	501.309	500.805	G[18]
K[8]	197.619	490.806	486.802	487.054	486.550	K[17]
G[9]	211.874	458.783	454.778	455.030	454.526	G[16]
L[10]	240.145	444.527	440.523	440.775	440.271	L[15]
G[11]	254.403	418.256	412.252	412.504	412.000	G[14]
K[12]	266.424	402.001	397.996	398.248	397.744	K[13]
G[13]	300.680	359.977	355.973	356.224	355.721	G[12]
G[14]	314.935	355.722	351.717	351.969	351.465	G[11]
A[15]	332.694	341.466	337.462	337.714	337.210	A[10]
K[16]	375.221	323.707	319.703	319.954	319.451	K[9]
R[17]	414.246	281.181	277.176	277.428	276.924	R[8]
H[18]	448.511	242.156	238.151	238.403	237.899	H[7]
R[19]	487.535	207.891	203.886	204.138	203.634	R[6]
K[20]	523.064	168.866	164.861	165.113	164.609	K[5]
V[21]	547.831	133.338	129.333	129.585	129.081	V[4]
L[22]	576.102	108.571	104.566	104.818	104.314	L[3]
R[23]	622.135	80.300	76.295	76.547	76.043	R[2]
D[24]	650.802	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Dimethyl) VLR^(Methyl) D^(28.03) ^(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.78
- ▶ F112758.dat
- ▶ query=q56908_p1
- ▶ precursor=867.849110
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2001.528	2585.510	0.000	2584.502	S[24]
G	2	204.098	2472.488	2456.467	0.000	2455.459	G[23]
R	3	380.199	3415.464	2399.446	2400.453	2398.438	R[22]
G	4	417.220	2259.363	2243.385	2244.362	2242.337	G[21]
K	5	545.315	2202.342	2186.323	2187.331	2185.315	K[20]
G	6	602.337	2074.247	2058.228	2059.236	2057.220	G[19]
G	7	659.358	2017.225	2001.207	2002.214	2000.199	G[18]
K	8	787.453	1960.204	1944.185	1945.193	1943.177	K[17]
G	9	844.475	1832.109	1816.090	1817.098	1815.082	G[16]
L	10	937.559	1775.087	1759.069	1760.077	1758.061	L[15]
G	11	1014.580	1682.003	1645.985	1646.993	1644.977	G[14]
K	12	1142.675	1604.082	1588.063	1589.971	1587.955	K[13]
G	13	1199.697	1476.887	1460.868	1461.876	1459.860	G[12]
G	14	1256.718	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1327.755	1362.844	1346.825	1347.833	1345.818	A[10]
R	16	1407.803	1291.807	1275.788	1276.796	1274.780	R[9]
R	17	1653.982	1123.701	1105.683	1106.691	1104.675	R[8]
H	18	1791.021	965.600	949.582	950.589	948.574	H[7]
R	19	1947.122	828.541	812.523	813.530	811.515	R[6]
R	20	2103.248	672.440	656.422	657.429	655.414	R[5]
V	21	2202.317	516.314	500.295	501.303	499.287	V[4]
L	22	2435.401	417.246	401.227	402.235	400.219	L[3]
D	23	2489.517	304.162	288.143	289.151	287.135	D[2]
D	24	2600.544	194.045	178.026	179.034	177.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Dimethyl) VLR^(Methyl) D^{42.01 (28.03) (14.02)}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.78
- ▶ F112758.dat
- ▶ query=q56908.p1
- ▶ precursor=867.849110
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1301.268	1293.258	0.504	1292.755	S[24]
G[2]	102.553	1236.747	1228.737	0.504	1228.233	G[23]
R[3]	180.603	1208.236	1200.226	1200.730	1199.723	R[22]
G[4]	208.114	1130.185	1122.176	1122.680	1121.672	G[21]
K[5]	273.193	1101.675	1093.665	1094.169	1093.161	K[20]
G[6]	301.672	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	330.183	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	394.230	980.606	972.596	973.100	972.092	K[17]
G[9]	422.741	916.558	908.549	909.053	908.045	G[16]
L[10]	479.203	838.047	830.038	830.542	829.534	L[15]
G[11]	507.794	811.505	803.496	804.000	802.992	G[14]
K[12]	571.841	802.995	794.985	795.489	794.481	K[13]
G[13]	600.352	738.947	730.938	731.442	730.434	G[12]
G[14]	628.863	710.436	702.427	702.931	701.923	G[11]
A[15]	664.361	681.926	673.916	674.420	673.412	A[10]
R[16]	769.434	646.407	638.398	638.902	637.894	R[9]
R[17]	827.468	551.384	553.385	553.889	552.881	R[6]
H[18]	896.014	483.304	475.294	475.798	474.791	H[7]
R[19]	974.065	414.774	406.765	407.269	406.261	R[0]
K[20]	1052.128	336.724	328.714	329.218	328.211	K[5]
V[21]	1101.662	258.661	250.651	251.155	250.147	V[4]
L[22]	1188.204	209.126	201.117	201.621	200.613	L[1]
R[23]	1243.262	152.584	144.575	145.079	144.071	R[2]
D[24]	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^(Dimethyl)_(28.03) R^(Methyl)_(14.02) HRK^(Dimethyl)_(28.03) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.68
- ▶ F112758.dat
- ▶ query=q56910.p1
- ▶ precursor=867.862400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2001.505	2585.546	0.000	2584.538	S[24]
G	2	204.098	2472.522	2456.503	0.000	2455.496	G[23]
R	3	374.215	2415.501	2399.482	2400.490	2398.474	R[22]
G	4	431.236	2345.504	2229.383	2230.373	2228.361	G[21]
K	5	559.331	2188.365	2173.344	2173.352	2171.336	K[20]
G	6	616.353	2090.268	2044.249	2045.257	2043.241	G[19]
G	7	673.374	2003.246	1987.227	1988.235	1986.220	G[18]
K	8	801.469	1946.225	1930.206	1931.214	1929.198	K[17]
G	9	858.490	1818.130	1802.111	1803.119	1801.103	G[16]
L	10	873.374	1781.108	1745.089	1746.097	1744.082	L[15]
G	11	1028.596	1648.024	1632.005	1633.013	1630.996	G[14]
K	12	1156.491	1591.003	1574.984	1575.992	1573.976	K[13]
G	13	1213.712	1462.908	1446.889	1447.897	1445.881	G[12]
G	14	1270.734	1405.889	1389.868	1390.875	1388.860	G[11]
A	15	1341.771	1348.805	1332.846	1333.854	1331.839	A[10]
R	16	1407.807	1277.828	1261.809	1262.817	1260.801	R[9]
R	17	1668.014	1121.701	1105.663	1106.661	1104.675	R[8]
H	18	1805.073	951.585	935.508	936.574	934.558	H[7]
R	19	1961.174	814.526	798.507	799.515	797.499	R[6]
R	20	2117.300	658.425	642.405	643.414	641.399	R[5]
V	21	2216.369	502.298	486.280	487.287	485.272	V[4]
L	22	2429.451	403.230	387.211	388.219	386.203	L[3]
D	23	2469.454	260.146	254.127	278.136	273.119	D[2]
D	24	2600.581	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^(Dimethyl)_(28.03) R^(Methyl)_(14.02) HRK^(Dimethyl)_(28.03) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.68
- ▶ F112758.dat
- ▶ query=q56910.p1
- ▶ precursor=867.862400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.092	1301.286	1293.277	0.504	1292.773	S[24]
G[2]	102.553	1236.765	1228.755	0.504	1228.251	G[23]
R[3]	187.611	1208.254	1200.245	1200.749	1199.741	R[22]
G[4]	236.122	1123.196	1115.185	1115.690	1114.682	G[21]
K[5]	280.169	1094.685	1086.673	1087.179	1086.171	K[20]
G[6]	338.680	1030.637	1022.626	1023.132	1022.124	G[19]
G[7]	337.191	1002.127	994.117	994.621	993.613	G[18]
K[8]	401.238	973.616	965.607	966.111	965.101	K[17]
G[9]	420.749	909.588	901.559	902.063	901.055	G[16]
L[10]	489.291	881.058	873.048	873.552	872.544	L[15]
G[11]	514.802	824.510	816.500	817.010	816.002	G[14]
K[12]	578.848	796.025	787.996	788.500	787.492	K[13]
G[13]	607.360	731.958	723.948	724.452	723.444	G[12]
G[14]	635.871	703.447	695.437	695.941	694.933	G[11]
A[15]	671.389	674.936	666.927	667.431	666.423	A[10]
R[16]	749.432	639.417	631.408	631.912	630.904	R[9]
R[17]	834.511	581.354	553.345	553.849	552.841	R[6]
H[18]	903.040	476.296	468.287	468.791	467.783	H[7]
R[19]	961.091	407.767	399.757	400.261	399.253	R[6]
K[20]	1059.154	329.716	321.707	322.211	321.203	K[5]
V[21]	1108.688	251.053	243.043	244.547	243.540	V[4]
L[22]	1165.730	202.119	194.109	194.613	193.605	L[1]
R[23]	1243.281	145.577	137.567	138.071	137.063	R[2]
D[24]	1380.794	87.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

S Acetyl 42.01 GRGKGGKGLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK (Methyl) 14.02 VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=70.50
- ▶ F112758.dat
- ▶ query=q57122_p1
- ▶ precursor=872.510110
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2815.508	2599.489	0.000	2598.481	G[24]
G	2	204.098	2406.465	2470.446	0.000	2469.439	G[23]
R	3	380.199	3420.444	2413.425	2414.433	2412.417	R[22]
G	4	417.220	2273.343	2297.324	2236.302	2256.310	G[21]
K	5	545.315	2216.321	2200.302	2201.310	2199.295	K[20]
G	6	602.337	2088.228	2072.207	2073.215	2071.200	G[19]
G	7	659.358	2031.205	2015.186	2016.194	2014.178	G[18]
K	8	787.453	1974.183	1958.164	1959.172	1957.157	K[17]
G	9	844.475	1846.088	1830.069	1831.077	1829.062	G[16]
L	10	897.556	1789.067	1773.048	1774.056	1772.040	L[15]
G	11	1014.580	1675.963	1659.944	1660.952	1658.936	G[14]
K	12	1184.686	1618.961	1602.942	1603.950	1601.935	K[13]
G	13	1241.707	1448.856	1432.837	1433.845	1431.829	G[12]
G	14	1298.729	1391.834	1375.815	1376.823	1374.808	G[11]
A	15	1369.766	1334.813	1318.794	1319.802	1317.786	A[10]
K	16	1539.872	1283.791	1247.757	1248.765	1246.749	K[9]
R	17	1608.973	1203.670	1077.653	1078.659	1076.644	R[8]
H	18	1833.031	937.569	621.530	622.538	620.542	H[7]
R	19	1989.153	900.510	784.491	785.499	783.484	R[6]
K	20	2131.243	644.409	628.390	629.398	627.382	K[5]
V	21	2230.312	502.298	486.280	487.287	485.272	V[4]
L	22	2443.396	403.230	387.213	388.219	386.203	L[3]
D	23	2699.487	306.146	294.127	278.136	273.119	D[2]
D	24	2814.524	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

S^{Acetyl}_{42.01} GRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=70.50
- ▶ F112758.dat
- ▶ query=q57122.p1
- ▶ precursor=872.510110
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.092	1308.257	1300.248	0.504	1299.744	S[24]
G[2]	102.553	1243.736	1235.727	0.504	1235.223	G[23]
R[3]	180.603	1215.225	1207.216	1207.720	1206.712	R[22]
G[4]	209.114	1137.175	1129.165	1129.669	1128.662	G[21]
R[5]	273.163	1108.664	1100.655	1101.159	1099.151	R[20]
G[6]	301.672	1044.617	1036.607	1037.111	1035.103	G[19]
G[7]	330.183	1016.106	1008.097	1008.601	1007.593	G[18]
K[8]	394.230	987.595	979.586	980.090	979.082	K[17]
G[9]	422.741	923.548	915.538	916.042	915.034	G[16]
L[10]	479.289	894.037	887.028	887.532	886.524	L[15]
G[11]	507.794	838.490	830.480	830.984	829.976	G[14]
K[12]	592.847	809.984	801.975	802.479	801.471	K[13]
G[13]	621.357	724.931	716.922	717.426	716.418	G[12]
G[14]	649.868	696.421	688.411	688.915	687.907	G[11]
A[15]	685.367	667.910	659.901	660.405	659.397	A[10]
R[16]	770.419	632.391	624.382	624.886	623.878	R[9]
R[17]	848.490	547.339	539.329	539.833	538.825	R[6]
H[18]	917.019	469.288	461.279	461.783	460.775	H[7]
R[19]	995.070	400.759	392.749	393.253	392.245	R[6]
K[20]	1096.125	322.708	314.699	315.203	314.195	K[5]
V[21]	1115.659	251.653	243.643	244.147	243.140	V[4]
L[22]	1172.501	202.110	194.100	194.613	193.605	L[3]
R[23]	1250.252	145.577	137.567	138.071	137.063	R[2]
D[24]	1387.705	87.526	79.517	80.021	79.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 **GGAK** ^{Acetyl}42.01 **RHRK** ^{Methyl}14.02 **VLR** ^{Dimethyl}28.03 **D**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.84
- ▶ F112758.dat
- ▶ query=q57612.p1
- ▶ precursor=881.853410
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2643.539	2627.520	0.000	2626.512	S[24]
G	2	204.098	2514.496	2498.478	0.000	2497.470	G[23]
R	3	360.199	2457.475	2441.456	2442.464	2440.448	R[22]
G	4	417.220	2301.474	2285.455	2286.463	2284.447	G[21]
K	5	945.315	2244.352	2228.334	2229.341	2227.325	K[20]
G	6	602.337	2118.257	2102.239	2101.247	2099.231	G[19]
G	7	659.358	2059.236	2043.217	2044.225	2042.209	G[18]
K	8	787.453	2002.214	1986.195	1987.204	1985.188	K[17]
G	9	844.475	1874.120	1858.101	1859.109	1857.093	G[16]
L	10	927.559	1817.098	1801.079	1802.087	1800.071	L[15]
G	11	1014.580	1760.014	1857.995	1858.003	1856.987	G[14]
K	12	1184.686	1846.993	1830.974	1831.982	1829.966	K[13]
G	13	1241.707	1476.887	1460.869	1461.876	1459.860	G[12]
G	14	1298.729	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1359.796	1362.844	1346.825	1347.833	1345.816	A[10]
R	16	1378.814	1291.809	1275.790	1276.796	1274.780	R[9]
R	17	1695.873	1121.701	1105.683	1106.691	1104.675	R[8]
H	18	1833.031	965.600	949.582	950.589	948.574	H[7]
R	19	1969.133	828.541	812.523	813.530	811.515	R[6]
K	20	2131.243	672.440	656.422	657.429	655.414	K[5]
V	21	2230.312	530.380	514.361	515.369	513.353	V[4]
L	22	2463.368	433.261	417.243	418.250	416.235	L[3]
R	23	2527.528	318.177	302.158	303.166	301.151	R[2]
D	24	2642.585	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

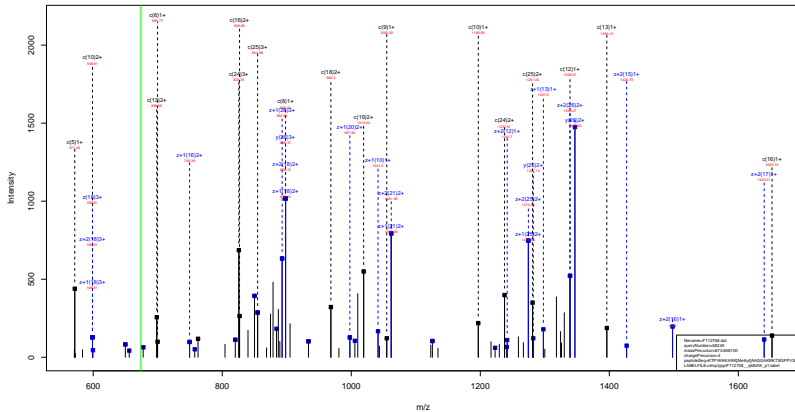
[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLR^{Dimethyl}_{28.03} D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.84
- ▶ F112758.dat
- ▶ query=q57612.p1
- ▶ precursor=881.853410
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.612	1322.273	1314.264	0.504	1313.760	S[24]
G[2]	102.553	1257.752	1249.742	0.504	1249.239	G[23]
R[3]	180.603	1230.241	1221.232	1221.736	1220.726	R[22]
G[4]	259.114	1151.191	1143.181	1143.685	1142.677	G[21]
K[5]	273.153	1122.680	1114.670	1115.174	1114.167	K[20]
G[6]	301.672	1058.632	1050.623	1051.127	1050.119	G[19]
G[7]	330.183	1030.122	1022.112	1022.616	1021.608	G[18]
K[8]	394.230	1001.611	993.602	994.105	993.097	K[17]
G[9]	422.741	937.563	929.554	930.058	929.050	G[16]
L[10]	479.283	909.053	901.043	901.547	900.539	L[15]
G[11]	507.794	852.511	844.501	845.005	843.997	G[14]
K[12]	502.847	824.000	815.991	816.494	815.487	K[13]
G[13]	621.357	738.947	730.938	731.442	730.434	G[12]
G[14]	649.868	710.436	702.427	702.931	701.923	G[11]
A[15]	685.389	681.926	673.917	674.420	673.412	A[10]
R[16]	770.439	646.407	638.398	638.902	637.894	R[9]
R[17]	848.490	561.354	553.345	553.849	552.841	R[6]
H[18]	917.019	483.304	475.294	475.798	474.791	H[7]
R[19]	995.070	414.774	406.765	407.269	406.261	R[6]
K[20]	1059.125	336.724	328.714	329.218	328.211	K[5]
V[21]	1115.659	258.668	250.659	251.163	250.155	V[4]
L[22]	1172.201	216.134	208.125	208.629	207.621	L[3]
R[23]	1264.268	159.592	151.583	152.087	151.079	R[2]
D[24]	1321.781	67.526	59.517	60.021	59.013	D[1]

sp | P43274 | H14_MOUSE

KTPVKKKARK ^{Methyl} AAGAKRKTSGPPVSE
14.02



sp | P43274 | H14_MOUSE

KTPVKKKARK ^{Methyl} AAGGAKRKTSGPPVSE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.08
- ▶ F112758.dat
- ▶ query=q58245.p1
- ▶ precursor=673.658100
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
R	1	146.129	2091.610	2676.592	2676.600	2674.584	K[20]
T	2	247.176	2563.515	2547.497	2548.505	2546.489	T[25]
P	3	344.229	2462.668	2446.449	2447.457	2445.441	P[24]
V	4	441.288	2365.415	2349.395	2350.404	2348.389	V[23]
K	5	571.393	2266.347	2250.328	2251.336	2249.320	K[22]
K	6	699.488	2156.262	2142.243	2143.251	2141.235	K[21]
K	7	827.583	2030.157	1994.138	1995.146	1993.130	K[20]
A	8	898.620	1882.062	1866.043	1867.051	1865.035	A[19]
R	9	1054.721	1811.025	1795.006	1796.014	1793.998	R[18]
K	10	1196.831	1654.923	1638.905	1639.913	1637.897	K[17]
A	11	1267.868	1512.812	1496.794	1497.802	1495.786	A[16]
A	12	1338.906	1444.776	1428.757	1429.765	1428.749	A[15]
G	13	1395.927	1370.739	1354.720	1355.728	1353.712	G[14]
G	14	1452.949	1313.717	1297.698	1298.706	1296.691	G[13]
A	15	1521.886	1256.699	1240.677	1241.685	1239.669	A[12]
K	16	1652.081	1185.659	1169.640	1170.648	1168.632	K[11]
K	17	1808.182	1057.564	1041.545	1042.553	1040.537	K[10]
R	18	1936.277	901.463	885.444	886.452	884.436	R[9]
T	19	2037.324	773.385	757.349	758.357	756.341	T[8]
S	20	2124.356	672.320	656.301	657.309	655.293	S[7]
G	21	2181.378	585.288	569.269	570.277	568.261	G[6]
P	22	2278.431	528.266	512.248	513.256	511.240	P[5]
P	23	2375.483	431.214	415.195	416.203	414.187	P[4]
V	24	2474.532	334.161	318.142	319.150	317.134	V[3]
S	25	2561.584	235.092	219.074	220.082	218.066	S[2]
E	26	2660.626	148.060	132.042	133.050	131.034	E[1]

sp | P43274 | H14_MOUSE

KTPVKKKARK ^{Methyl} AAGGAKRKTSGPPVSE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.08
- ▶ F112758.dat
- ▶ query=q58245.p1
- ▶ precursor=673.658100
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
R 1	73.568	1346.309	1158.390	1338.803	1337.796	R 26
T 2	154.002	1282.261	1274.252	1274.156	1273.740	T 25
F 3	172.618	1231.738	1223.728	1224.232	1223.224	F 24
V 4	222.152	1183.211	1175.202	1175.706	1174.696	V 23
K 5	286.200	1133.677	1125.668	1126.171	1125.164	K 22
K 6	350.237	1088.820	1061.820	1062.124	1061.115	K 21
K 7	414.295	1005.582	997.573	998.077	997.069	K 20
A 8	449.813	941.534	933.525	934.029	933.021	A 10
R 9	527.864	906.016	898.007	898.510	897.503	R 18
K 10	598.919	827.965	819.956	820.460	819.452	K 17
A 11	634.436	756.910	748.901	748.405	748.399	A 16
A 12	669.856	723.362	715.353	715.856	715.850	A 15
G 13	698.467	685.873	677.864	678.368	677.360	G 14
G 14	736.978	657.363	649.353	649.857	648.849	G 13
A 15	762.496	628.852	620.842	621.346	620.338	A 12
K 16	826.544	593.333	585.324	585.827	584.820	K 11
R 17	873.574	529.285	521.276	521.780	520.772	R 10
K 18	968.642	453.235	443.226	443.729	442.722	K 9
T 19	1019.166	387.187	379.178	379.682	378.674	T 8
S 20	1062.682	336.664	328.654	329.158	328.150	S 7
G 21	1091.193	293.149	285.138	285.642	284.634	G 6
F 22	1139.719	264.637	256.627	257.131	256.124	F 5
F 23	1189.248	216.110	208.101	208.605	207.597	F 4
V 24	1237.780	167.584	159.575	160.079	159.071	V 3
S 25	1281.296	118.050	110.041	110.544	109.537	S 2
E 26	1345.817	74.534	66.524	67.028	66.021	E 1

sp | P43274 | H14_MOUSE

KTPVKKKARK ^{Methyl} AAGGAKRKTSGPPVSE
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.08
- ▶ F112758.dat
- ▶ query=q58245.p1
- ▶ precursor=673.658100
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
R	1	49.381	897.875	892.535	892.871	892.199	R	26
F	2	83.064	855.177	849.837	850.173	849.501	F	25
F	3	113.815	821.498	816.153	816.890	815.819	F	24
V	4	148.437	789.143	783.804	784.140	783.468	V	23
K	5	191.136	756.120	750.781	751.117	750.445	K	22
K	6	233.834	713.422	708.082	708.418	707.747	K	21
K	7	276.532	670.724	665.384	665.720	665.048	K	20
A	8	300.211	628.025	622.685	623.022	622.350	A	19
R	9	352.245	604.346	599.007	599.343	598.671	R	18
K	10	399.615	552.313	546.973	547.309	546.637	K	17
A	11	423.294	504.942	499.603	499.939	499.267	A	16
A	12	448.973	481.263	475.923	476.260	475.588	A	15
G	13	465.591	437.564	432.245	432.581	431.909	G	14
G	14	484.988	438.577	433.238	433.574	432.902	G	13
A	15	508.667	419.570	414.231	414.566	413.895	A	12
K	16	551.365	395.891	390.551	390.887	390.216	K	11
R	17	603.399	353.193	347.853	348.189	347.517	R	10
K	18	646.097	301.159	295.819	296.155	295.484	K	9
T	19	679.780	258.461	253.121	253.457	252.785	T	8
S	20	708.790	224.778	219.438	219.775	219.103	S	7
G	21	727.797	195.767	190.428	190.764	190.092	G	6
P	22	769.148	176.760	171.421	171.757	171.085	P	5
P	23	792.499	184.405	179.070	179.406	178.734	P	4
V	24	825.522	112.058	106.719	107.055	106.383	V	3
S	25	854.533	79.836	74.496	74.832	74.160	S	2
E	26	897.547	50.025	44.685	45.021	44.349	E	1

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPK ^{Dimethyl} 28.03 KGSKKAISK ^{Methyl} 14.02 AQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.33
- ▶ F112758.dat
- ▶ query=q68561.p1
- ▶ precursor=558.337890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	115.087	3002.325	3856.306	0.000	3855.286	P 35
E 2	244.129	3805.272	3789.254	0.000	3788.246	E 34
P 3	341.182	3676.238	3660.211	0.000	3659.203	P 33
S 4	428.214	3579.177	3563.158	0.000	3562.150	S 32
K 5	559.309	3492.145	3476.126	3477.134	3475.116	K 31
S 6	643.341	3384.095	3368.071	3349.039	3347.023	S 30
A 7	714.378	3277.018	3260.999	3262.007	3259.991	A 29
P 8	811.431	3205.981	3189.962	3190.970	3188.954	P 28
A 9	882.468	3108.929	3092.909	3093.917	3091.901	A 27
P 10	979.521	3037.891	3021.872	3022.880	3020.864	P 26
K 11	1135.847	2946.836	2924.819	2925.827	2923.812	K 25
K 12	1263.742	2784.712	2768.693	2769.701	2767.686	K 24
G 13	1320.763	2695.617	2640.598	2641.606	2639.590	G 23
S 14	1407.795	2599.595	2583.577	2584.585	2582.569	S 22
K 15	1534.890	2512.565	2466.545	2467.553	2465.537	K 21
K 16	1663.985	2384.468	2368.450	2369.458	2367.442	K 20
A 17	1735.022	2299.373	2240.354	2241.363	2239.347	A 19
I 18	1848.107	2185.338	2169.318	2170.326	2168.311	I 18
S 19	1935.139	2072.252	2056.234	2057.241	2055.226	S 17
K 20	2077.249	1985.220	1969.202	1970.209	1968.194	K 16
A 21	2149.286	1843.110	1827.091	1828.099	1826.083	A 15
Q 22	2276.345	1772.073	1756.054	1757.062	1755.046	Q 14
K 23	2404.440	1644.014	1627.995	1628.003	1626.987	K 13
R 24	2532.535	1515.915	1499.893	1500.900	1498.884	R 12
D 25	2647.562	1387.824	1371.805	1372.813	1370.798	D 11
G 26	2704.583	1272.797	1256.778	1257.786	1255.771	G 10
K 27	2812.678	1215.776	1199.757	1200.765	1198.749	K 9
K 28	2960.773	1087.681	1071.663	1072.670	1070.654	K 8
R 29	3118.874	959.588	943.567	944.575	942.559	R 7
K 30	3244.969	833.485	787.466	788.474	786.458	K 6
R 31	3401.070	675.390	659.371	660.379	658.363	R 5
S 32	3488.102	519.289	503.270	504.278	502.262	S 4
R 33	3644.203	432.257	416.238	417.246	415.230	R 3
K 34	3772.298	276.155	260.137	261.144	259.129	K 2
E 35	3901.341	148.060	132.042	133.050	131.034	E 1

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPK ^{Dimethyl} 28.03 KGSKKAISK ^{Methyl} 14.02 AQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.33
- ▶ F112758.dat
- ▶ query=q68561_p1
- ▶ precursor=558.337890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	#+1	#+2	z	AA	
F	1	58.047	1951.666	1943.657	0.504	1943.151	F(28)
E	2	122.508	1203.140	1895.130	0.504	1894.626	E(34)
F	3	171.095	1838.618	1830.609	0.504	1830.105	F(33)
S	4	234.611	1790.062	1782.053	0.504	1781.570	S(32)
K	5	278.658	1746.576	1738.567	1739.071	1739.063	K(31)
S	6	322.174	1692.529	1684.520	1675.503	1674.011	S(30)
A	7	357.693	1639.013	1631.003	1631.507	1630.499	A(29)
F	8	408.219	1603.494	1595.485	1595.989	1594.981	F(28)
A	9	441.738	1554.968	1546.958	1547.462	1546.454	A(27)
F	10	490.264	1519.449	1511.440	1511.944	1510.936	F(26)
K	11	568.327	1470.923	1462.913	1463.417	1462.409	K(25)
K	12	612.978	1392.866	1384.857	1385.361	1384.354	K(24)
G	13	660.505	1328.812	1320.803	1321.307	1320.299	G(23)
S	14	704.401	1300.301	1292.292	1292.796	1291.788	S(22)
K	15	768.449	1256.785	1248.776	1249.280	1248.272	K(21)
K	16	832.496	1192.738	1184.729	1185.232	1184.225	K(20)
A	17	888.014	1128.689	1120.681	1121.185	1120.177	A(19)
T	18	924.557	1093.172	1093.676	1094.180	1093.672	T(18)
S	19	968.073	1036.630	1028.620	1029.124	1028.117	S(17)
K	20	1039.128	993.114	993.618	994.122	994.601	K(16)
A	21	1074.647	922.058	924.049	914.553	913.545	A(15)
Q	22	1138.676	886.540	878.531	879.034	878.027	Q(14)
K	23	1202.724	822.511	814.503	815.005	813.997	K(13)
K	24	1266.771	758.463	750.454	750.958	749.950	K(12)
D	25	1334.285	694.416	686.406	686.910	685.902	D(11)
G	26	1392.795	636.902	628.893	629.397	628.389	G(10)
K	27	1418.843	608.391	600.382	600.886	599.878	K(9)
K	28	1480.890	544.344	536.335	536.839	535.831	K(8)
R	29	1558.641	480.296	472.287	472.791	471.783	R(7)
K	30	1622.688	402.246	394.237	394.740	393.733	K(6)
R	31	1701.639	338.198	330.189	330.693	329.685	R(5)
S	32	1744.535	260.149	252.139	252.642	251.635	S(4)
R	33	1822.695	216.632	208.623	209.126	208.119	R(3)
T	34	1886.663	138.561	130.552	131.056	130.048	T(2)
E	35	1951.174	74.534	66.524	67.028	66.021	E(1)

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPK ^{Dimethyl} 28.03 KGSKKAISK ^{Methyl} 14.02 AQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.33
- ▶ F112758.dat
- ▶ query=q68561.p1
- ▶ precursor=558.337890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	30.034	1301.447	1296.107	0.672	1295.771	P 35
E 2	62.048	1269.096	1261.756	0.672	1263.420	E 34
F 3	114.399	1226.081	1220.742	0.672	1220.406	F 33
S 4	143.410	1193.730	1188.391	0.672	1188.055	S 32
K 5	186.108	1164.720	1159.260	1159.716	1159.044	K 31
S 6	235.119	1122.021	1118.662	1117.018	1116.346	S 30
A 7	238.798	1091.011	1087.671	1088.007	1087.335	A 29
P 8	271.148	1069.332	1063.992	1064.328	1063.656	P 28
A 9	294.628	1036.981	1031.641	1031.977	1031.305	A 27
P 10	327.178	1013.302	1007.962	1008.298	1007.626	P 26
K 11	379.221	989.251	975.811	975.947	975.275	K 25
K 12	411.919	928.909	923.569	923.905	923.231	K 24
G 13	440.926	886.210	880.871	881.207	880.535	G 23
S 14	469.937	867.201	861.864	862.200	861.528	S 22
K 15	512.635	838.193	832.853	833.189	832.517	K 21
K 16	555.313	795.494	790.155	790.491	789.819	K 20
A 17	579.012	752.796	747.456	747.792	747.120	A 19
I 18	618.707	729.111	723.777	724.113	723.441	I 18
S 19	645.718	691.422	686.083	686.419	685.747	S 17
K 20	693.088	662.412	657.072	657.408	656.736	K 16
A 21	716.767	615.041	609.702	610.038	609.366	A 15
Q 22	759.453	591.362	586.023	586.359	585.687	Q 14
K 23	802.154	546.016	540.676	541.012	540.340	K 13
K 24	844.850	529.972	520.638	520.974	520.302	K 12
D 25	883.192	481.260	457.940	458.276	457.604	D 11
G 26	902.199	424.937	419.598	419.934	419.262	G 10
K 27	944.898	405.930	400.590	400.926	400.255	K 9
K 28	987.596	383.212	357.850	358.218	357.556	K 8
T 29	1039.630	320.521	315.184	315.520	314.858	T 7
K 30	1082.328	268.590	263.193	263.496	262.824	K 6
R 31	1134.362	225.801	220.462	220.798	220.126	R 5
S 32	1163.372	173.768	168.428	168.764	168.092	S 4
R 33	1215.406	144.757	139.417	139.753	139.082	R 3
K 34	1258.104	92.723	87.384	87.720	87.048	K 2
E 35	1301.119	50.029	44.685	45.021	44.349	E 1

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPK ^{Dimethyl} 28.03 KGSKKAISK ^{Methyl} 14.02 AQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=53.33
- ▶ F112758.dat
- ▶ query=q68561.p1
- ▶ precursor=558.337890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[3]	29.527	976.137	972.332	0.735	972.080	P[15]
E[2]	61.788	952.074	948.069	0.735	947.817	E[34]
P[3]	96.051	919.813	915.808	0.735	915.556	P[13]
S[4]	107.809	995.550	991.545	0.735	991.293	S[32]
K[5]	136.833	873.792	869.787	870.039	869.535	K[31]
S[6]	161.591	941.768	937.763	938.015	937.511	S[30]
A[7]	179.350	820.010	816.005	816.257	815.753	A[29]
P[8]	203.613	802.251	798.246	798.498	797.994	P[28]
A[9]	221.372	777.907	773.902	774.235	773.731	A[27]
P[10]	243.836	760.228	756.223	756.475	756.072	P[26]
K[11]	284.097	735.965	731.960	732.212	731.708	K[25]
K[12]	316.691	696.933	692.929	693.181	692.677	K[24]
G[13]	330.946	664.910	660.905	661.157	660.653	G[23]
S[14]	352.704	650.654	646.650	646.902	646.398	S[22]
K[15]	384.728	628.896	624.892	625.144	624.640	K[21]
K[16]	416.752	596.873	592.868	593.120	592.616	K[20]
A[17]	434.511	564.849	560.844	561.096	560.592	A[19]
I[18]	462.782	547.090	543.085	543.337	542.833	I[18]
S[19]	484.540	518.819	514.814	515.066	514.562	S[17]
K[20]	520.068	497.081	493.076	493.328	492.824	K[16]
A[21]	537.827	461.533	457.528	457.780	457.276	A[15]
Q[22]	569.842	443.774	439.769	440.021	439.517	Q[14]
K[23]	601.865	411.759	407.754	408.006	407.502	K[13]
K[24]	633.889	379.735	375.731	375.982	375.479	K[12]
D[25]	662.646	347.711	343.707	343.959	343.455	D[11]
G[26]	676.901	318.955	314.950	315.202	314.698	G[10]
K[27]	708.925	304.699	300.695	300.947	300.443	K[9]
K[28]	740.549	272.676	268.671	268.923	268.419	K[8]
K[29]	779.974	240.582	236.577	236.829	236.325	K[7]
K[30]	811.998	201.627	197.622	197.874	197.370	K[6]
R[31]	851.023	169.603	165.598	165.850	165.346	R[5]
S[32]	872.781	130.578	126.573	126.825	126.321	S[4]
R[33]	911.806	108.620	104.615	104.867	104.363	R[3]
K[34]	943.830	69.794	65.790	66.042	65.538	K[2]
E[35]	976.091	37.771	33.766	34.018	33.514	E[1]

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPK ^{Dimethyl}28.03 KGSKKAISK ^{Methyl}14.02 AQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=53.33
- ▶ F112758.dat
- ▶ query=q68561.p1
- ▶ precursor=558.337890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	23.823	781.271	778.067	0.806	777.866	P[15]
L[2]	49.032	761.860	758.657	0.806	758.455	L[34]
P[3]	69.042	138.052	732.848	0.806	732.646	P[13]
S[4]	90.449	716.641	713.437	0.806	713.236	S[32]
K[5]	112.068	699.235	696.031	696.233	695.829	K[31]
S[6]	129.474	673.616	670.412	670.614	670.210	S[30]
A[7]	143.681	656.209	653.006	653.207	652.804	A[29]
P[8]	163.092	642.002	638.798	639.000	638.597	P[28]
A[9]	177.299	622.591	619.388	619.589	619.186	A[27]
F[10]	186.710	608.384	605.180	605.382	604.979	F[26]
K[11]	227.938	588.974	585.770	585.971	585.568	K[25]
K[12]	253.554	557.748	554.544	554.746	554.343	K[24]
G[13]	264.959	532.159	528.926	529.127	528.724	G[23]
S[14]	282.365	520.725	517.521	517.723	517.320	S[22]
K[15]	307.984	503.319	500.115	500.316	499.913	K[21]
K[16]	333.603	477.700	474.496	474.697	474.294	K[20]
A[17]	347.810	452.081	448.877	449.078	448.675	A[19]
I[18]	370.427	437.873	434.669	434.871	434.468	I[18]
S[19]	397.834	413.256	410.053	410.254	410.051	S[17]
K[20]	416.256	397.836	394.646	394.848	394.445	K[16]
A[21]	430.463	369.438	366.234	366.435	366.032	A[15]
Q[22]	456.076	355.220	352.017	352.218	351.815	Q[14]
K[23]	481.694	329.609	326.405	326.606	326.203	K[13]
K[24]	507.313	303.990	300.786	300.987	300.584	K[12]
D[25]	530.318	278.371	275.167	275.368	274.965	D[11]
G[26]	541.722	255.365	252.161	252.363	251.960	G[10]
K[27]	567.341	243.961	240.757	240.959	240.556	K[9]
K[28]	592.560	218.342	215.138	215.340	214.937	K[8]
K[29]	624.181	192.723	189.519	189.721	189.318	K[7]
K[30]	649.800	161.503	158.299	158.501	158.097	K[6]
R[31]	681.020	135.884	132.680	132.882	132.479	R[5]
S[32]	698.426	104.664	101.460	101.661	101.258	S[4]
R[33]	726.647	87.257	84.053	84.255	83.852	R[3]
K[34]	755.266	56.037	52.833	53.035	52.632	K[2]
E[35]	781.074	30.418	27.214	27.416	27.013	E[1]

sp | Q64475 | H2B1B_MOUSE

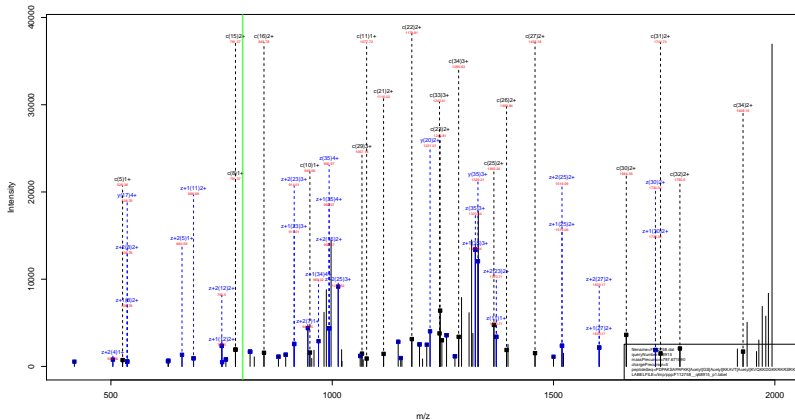
PEPSKSAPAPK ^{Dimethyl} 28.03 KGSKKAISK ^{Methyl} 14.02 AQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=53.33
- ▶ F112758.dat
- ▶ query=q68561.p1
- ▶ precursor=558.337890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
P	1	20.020	651.227	545.557	0.839	548.389	P	13
E	2	41.528	635.051	632.382	0.839	632.214	E	34
P	3	57.703	613.544	610.875	0.839	610.707	P	13
S	4	72.208	597.369	594.699	0.839	594.531	S	32
K	5	93.558	582.864	580.194	580.362	580.026	K	31
S	6	108.063	561.514	558.845	559.013	558.677	S	30
A	7	119.902	547.009	544.339	544.507	544.171	A	29
P	8	136.078	535.170	532.500	532.668	532.332	P	28
A	9	147.917	518.994	516.324	516.492	516.156	A	27
P	10	164.093	507.155	505.485	505.653	505.317	P	28
K	11	190.114	490.979	489.309	489.477	489.141	K	25
K	12	211.463	464.958	462.288	462.456	462.120	K	24
G	13	220.967	443.609	440.939	441.107	440.771	G	23
S	14	235.472	434.105	431.436	431.603	431.268	S	22
K	15	256.821	416.600	416.930	417.098	416.762	K	21
K	16	278.170	398.251	395.581	395.749	395.413	K	20
A	17	290.010	376.902	374.232	374.400	374.064	A	19
I	18	308.857	365.062	362.392	362.560	362.224	I	18
S	19	323.362	346.215	343.545	343.713	343.377	S	17
K	20	347.048	331.709	329.040	329.208	328.872	K	16
A	21	358.397	308.024	305.355	305.523	305.187	A	15
Q	22	380.230	296.185	293.515	293.683	293.347	Q	14
K	23	401.579	274.842	272.172	272.340	272.004	K	13
K	24	422.929	253.493	250.823	250.991	250.655	K	12
D	25	442.100	232.143	229.474	229.642	229.306	D	11
G	26	451.603	212.972	210.302	210.470	210.134	G	10
K	27	472.952	203.469	200.799	200.967	200.631	K	9
K	28	484.302	182.120	179.450	179.618	179.282	K	9
K	29	529.218	160.770	158.101	158.269	157.933	K	7
K	30	541.668	134.753	132.084	132.252	131.916	K	6
R	31	567.684	113.404	110.735	110.903	110.567	R	5
S	32	582.190	87.387	84.718	84.886	84.550	S	4
R	33	608.207	72.882	70.212	70.380	70.044	R	3
K	34	629.556	46.865	44.196	44.363	44.028	K	2
E	35	651.063	25.516	22.846	23.014	22.679	E	1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK (Acetyl) GS (Acetyl) KKAVT Acetyl KVQKKDGKKRKRSRKE
 (42.01) (42.01) 42.01



sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK (Acetyl) (42.01) GS (Acetyl) (42.01) KKAVT (Acetyl) (42.01) KVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.14
- ▶ F112758.dat
- ▶ query=q68915.p1
- ▶ precursor=797.671090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA
P 1	115.087	3054.331	3056.117	0.000	3057.301	P 58
Q 2	230.114	3887.278	3871.250	0.000	3870.251	Q 34
P 3	327.166	3772.251	3756.232	0.000	3755.234	P 33
A 4	398.203	3675.108	3659.170	0.000	3658.171	A 32
K 5	526.298	3604.161	3588.142	3589.150	3587.134	K 31
S 6	613.130	3476.060	3460.040	3461.055	3459.030	S 30
A 7	694.308	3399.034	3373.015	3374.023	3372.000	A 29
P 8	781.420	3317.997	3301.978	3302.986	3300.970	P 28
A 9	852.457	3220.944	3204.925	3205.933	3203.918	A 27
P 10	949.510	3149.007	3133.889	3134.896	3132.880	P 26
K 11	1077.605	3052.854	3036.835	3037.843	3035.826	K 25
K 12	1247.711	2924.799	2908.740	2909.748	2907.731	K 24
Q 13	1304.132	2794.654	2778.635	2779.643	2777.627	Q 23
S 14	1433.775	2697.632	2681.614	2682.621	2680.606	S 22
K 15	1561.870	2568.500	2552.571	2553.579	2551.563	K 21
K 16	1689.965	2440.405	2424.476	2425.484	2423.468	K 20
A 17	1761.002	2312.400	2296.381	2297.389	2295.373	A 19
V 18	1889.076	2241.363	2225.344	2226.352	2224.336	V 18
V 19	2003.128	2142.294	2126.275	2127.283	2125.267	V 17
K 20	2111.223	1999.230	1983.211	1984.225	1982.209	K 16
V 21	2230.292	1871.141	1855.122	1856.130	1854.114	V 15
Q 22	2358.350	1772.073	1756.054	1757.062	1755.046	Q 14
K 23	2486.445	1644.014	1627.995	1629.003	1626.987	K 13
P 24	2614.540	1515.919	1499.900	1500.908	1498.892	P 12
Q 25	2729.567	1387.824	1371.805	1372.813	1370.798	Q 11
G 26	2786.589	1272.797	1256.778	1257.786	1255.771	G 10
K 27	2914.684	1215.776	1199.757	1200.765	1198.749	K 9
K 28	3042.779	1087.681	1071.662	1072.670	1070.654	K 8
K 29	3168.860	959.586	943.567	944.575	942.559	K 7
R 30	3298.978	831.488	787.466	788.474	786.458	R 6
R 31	3483.076	675.390	659.371	660.379	658.363	R 5
S 32	3570.108	519.289	503.270	504.278	502.262	S 4
R 33	3726.209	432.257	416.238	417.246	415.230	R 3
K 34	3854.304	276.155	260.137	261.144	259.129	K 2
E 35	3983.346	148.060	132.042	133.050	131.034	E 1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK (Acetyl) (42.01) GS (Acetyl) (42.01) KKAVT (Acetyl) (42.01) KVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.14
- ▶ F112758.dat
- ▶ query=q68915.p1
- ▶ precursor=797.671090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA
P1	58.047	1092.666	1084.663	0.504	1084.150	P155
D1	115.506	1344.143	1339.133	0.504	1335.620	S124
F1	164.027	1886.628	1878.620	0.504	1878.110	P133
A1	199.605	1838.103	1830.093	0.504	1829.580	A132
K1	263.653	1802.584	1794.575	1795.079	1794.071	K131
S1	307.169	1738.517	1730.527	1731.031	1730.023	S130
A17	382.687	1699.024	1691.013	1687.515	1688.509	A129
F1	391.214	1659.502	1651.493	1651.997	1650.989	F128
A1	436.732	1610.976	1602.966	1603.470	1602.462	A127
P10	475.250	1575.451	1567.448	1567.952	1566.944	P126
K11	539.306	1526.931	1518.921	1519.425	1518.417	K125
K12	624.259	1469.883	1464.874	1465.378	1464.370	K124
G13	652.870	1377.830	1369.821	1370.325	1369.317	G123
S14	717.391	1349.320	1341.310	1341.814	1340.806	S122
K15	761.438	1284.798	1276.789	1277.293	1276.285	K121
K16	845.486	1220.751	1212.742	1213.246	1212.238	K120
A17	881.005	1156.703	1148.694	1149.198	1148.190	A119
V18	895.539	1121.195	1113.187	1113.679	1112.671	V118
T19	1002.068	1071.651	1063.641	1064.145	1063.137	T117
K20	1066.115	1000.122	992.112	992.616	991.608	K116
V21	1115.650	936.074	928.065	928.569	927.561	V115
Q22	1179.679	896.540	878.531	879.034	878.027	Q114
K23	1243.726	822.511	814.501	815.005	813.997	K113
K24	1307.874	758.463	750.454	750.958	749.950	K112
D25	1365.287	694.416	686.406	686.910	685.902	D111
G26	1393.798	636.902	628.893	629.397	628.389	G110
K27	1457.845	608.391	600.382	600.886	599.878	K109
K28	1521.893	544.344	536.335	536.839	535.831	K108
R29	1589.844	489.296	481.287	481.791	479.783	R107
K30	1663.991	402.245	394.237	394.740	393.732	K106
R31	1742.042	338.198	330.189	330.693	329.685	R105
S32	1785.558	260.148	252.139	252.642	251.634	S104
R33	1863.608	216.632	208.623	209.126	208.119	R103
K34	1927.656	148.581	140.572	141.076	139.068	K102
E35	1992.117	74.534	66.525	67.028	66.021	E101

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK (Acetyl) (42.01) GS (Acetyl) (42.01) KKAVT (Acetyl) (42.01) KVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.14
- ▶ F112758.dat
- ▶ query=q68915.p1
- ▶ precursor=797.671090
- ▶ chargePrecursor=5
- ▶ itol=0.5

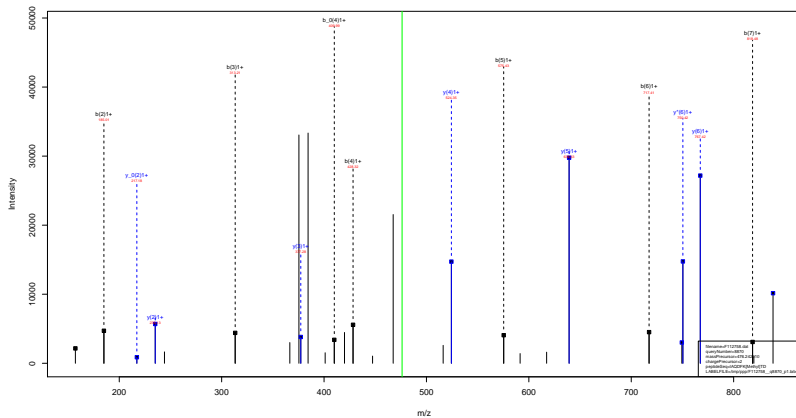
AA	c	y	a+1	a+2	z	AA
P1	38.034	1328.782	1323.442	0.072	1323.106	P15
D1	77.376	1269.441	1261.061	0.072	1266.755	S124
F1	109.727	1258.088	1252.749	0.072	1252.413	P133
A4	133.406	1225.738	1220.398	0.072	1220.062	A132
K1	178.104	1202.058	1196.719	1197.055	1196.383	K131
S1	205.115	1159.360	1154.021	1154.357	1153.885	S130
A17	228.904	1130.349	1125.010	1125.346	1124.874	A129
F1	251.145	1108.670	1103.331	1103.667	1103.002	P128
A1	284.824	1074.320	1068.980	1069.316	1068.644	A127
F10	317.175	1050.640	1045.301	1045.637	1044.965	P126
K11	359.873	1018.290	1012.950	1013.286	1012.614	K125
K12	418.575	975.591	970.252	970.588	969.916	K124
G13	435.502	918.889	913.550	913.886	913.214	G123
S14	478.596	899.882	894.543	894.879	894.207	S122
K15	521.295	856.868	851.528	851.864	851.193	K121
K16	583.993	814.170	808.830	809.166	808.494	K120
A17	587.672	771.471	766.132	766.468	765.796	A119
V18	630.665	747.792	742.453	742.789	742.117	V118
T19	688.581	714.770	709.430	709.766	709.094	T117
K10	711.079	667.083	661.744	662.080	661.408	K116
V21	744.102	624.385	619.046	619.382	618.710	V115
Q22	786.718	591.382	586.043	586.379	585.687	Q114
K13	828.487	548.076	542.737	543.073	542.401	K113
K14	872.135	505.975	500.636	500.974	500.302	K112
D25	910.527	463.280	457.940	458.276	457.604	D111
G10	926.534	424.937	419.598	419.934	419.262	G110
K27	972.233	405.930	400.590	400.926	400.253	K109
K18	1014.931	363.232	357.892	358.228	357.556	K108
R29	1026.565	328.533	323.194	323.530	322.857	R107
K10	1100.653	288.500	283.160	283.496	282.823	K106
R31	1181.697	225.801	220.462	220.798	220.126	R105
S12	1186.707	173.768	168.428	168.764	168.092	S104
R33	1242.741	144.757	139.417	139.753	139.082	R103
K134	1285.439	82.723	87.384	87.720	87.048	K102
E15	1328.454	50.025	44.685	45.021	44.350	E101

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK (Acetyl) (42.01) GS (Acetyl) (42.01) KKAFT (Acetyl) (42.01) KVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=59.14
- ▶ F112758.dat
- ▶ query=q68915.p1
- ▶ precursor=797.671090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.537	996.836	992.833	0.755	992.581	P[35]
D[2]	58.284	972.575	968.570	0.755	968.316	D[34]
P[3]	82.547	943.818	939.813	0.755	939.562	P[33]
A[4]	100.306	919.555	915.550	0.755	915.298	A[32]
K[5]	132.330	901.796	897.791	898.043	897.539	K[31]
S[6]	154.088	899.772	895.767	896.019	895.515	S[30]
A[7]	171.847	848.014	844.009	844.261	843.757	A[29]
P[8]	196.111	830.255	826.250	826.502	825.998	P[28]
A[9]	213.870	805.991	801.987	802.239	801.735	A[27]
P[10]	238.133	788.232	784.228	784.479	783.976	P[26]
K[11]	210.157	683.969	759.964	760.216	759.712	K[25]
K[12]	312.683	731.945	727.941	728.193	727.689	K[24]
G[13]	326.938	689.413	685.414	685.666	685.162	G[23]
S[14]	359.199	675.164	671.159	671.411	670.907	S[22]
K[15]	391.223	642.903	638.898	639.150	638.646	K[21]
K[16]	423.247	610.879	606.874	607.126	606.622	K[20]
A[17]	441.006	578.855	574.851	575.103	574.599	A[19]
V[18]	465.773	561.096	557.091	557.343	556.839	V[18]
T[19]	501.538	536.329	532.324	532.576	532.072	T[17]
K[20]	533.561	500.564	496.560	496.812	496.308	K[16]
V[21]	558.328	468.341	464.336	464.588	464.084	V[15]
G[22]	590.343	433.774	429.769	430.021	429.517	G[14]
K[23]	622.367	411.759	407.754	408.006	407.502	K[13]
K[24]	654.391	379.735	375.731	375.982	375.479	K[12]
D[25]	683.147	347.711	343.707	343.959	343.455	D[11]
G[26]	697.403	318.955	314.950	315.202	314.698	G[10]
K[27]	729.426	304.699	300.695	300.947	300.443	K[9]
K[28]	761.450	272.676	268.671	268.923	268.419	K[8]
R[29]	800.475	240.652	236.647	236.899	236.395	R[7]
K[30]	832.499	201.627	197.622	197.874	197.370	K[6]
R[31]	871.524	169.603	165.598	165.850	165.346	R[5]
S[32]	893.262	130.578	126.573	126.825	126.321	S[4]
R[33]	932.288	108.550	104.545	104.797	104.293	R[3]
K[34]	964.311	69.594	65.589	65.842	65.338	K[2]
E[35]	996.592	37.771	33.766	34.018	33.514	E[1]



sp | P68433 | H31_MOUSE

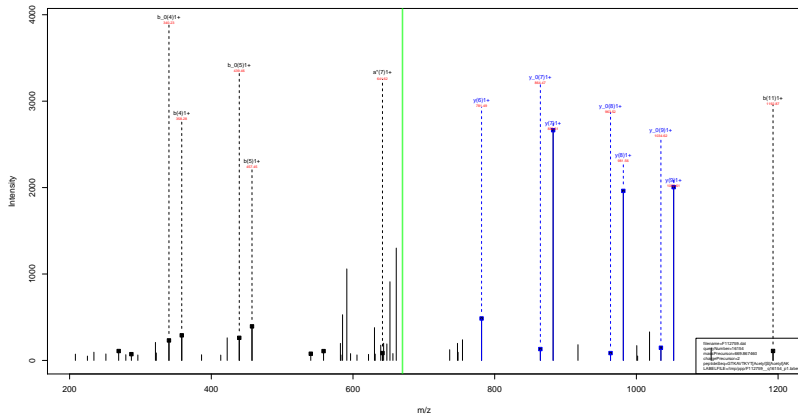
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=57.54
- ▶ F112758.dat
- ▶ query=q8870_p1
- ▶ precursor=476.242010
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA
T 1	86.096	0.000	0.000	114.191	0.000	0.000	361.416	319.464	623.880	T 1
A 2	157.134	0.000	0.000	185.126	0.000	0.000	838.304	821.368	1620.584	A 2
Q 3	286.192	286.186	0.000	313.187	296.180	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	383.193	382.209	426.214	411.197	0.000	410.203	639.296	622.272	D 4
F 5	547.287	530.261	529.277	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	689.356	672.332	671.348	717.363	700.366	699.332	377.303	360.177	359.193	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.448	887.464	913.468	916.441	915.457	138.040	0.000	116.034	G 8

sp | Q8CGP1 | H2B1K_MOUSE

GTKAVTKYT Acetyl S (Acetyl)
42.01 (42.01) AK



sp | Q8CGP1 | H2B1K_MOUSE

GTKAVTKYT Acetyl S (Acetyl) AK
42.01 (42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=34.92
- ▶ F112759.dat
- ▶ query=q16154_p1
- ▶ precursor=669.867460
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA
G 1	103.074	0.000	113.074	50.000	0.000	0.000	110.074	113.074	103.074	G10
T 2	131.080	0.000	141.080	100.000	0.000	0.000	128.080	131.080	131.080	T11
K 3	204.110	262.130	244.100	287.171	270.145	269.161	180.090	113.010	110.040	K10
R 4	330.114	311.131	312.200	358.200	341.145	340.180	100.240	310.090	103.252	R10
V 5	429.202	433.233	415.211	457.277	450.230	430.200	081.225	404.090	083.215	V10
I 6	530.230	513.203	514.210	538.325	541.200	540.314	082.437	469.090	084.446	I10
K 7	658.425	641.390	640.414	680.420	669.393	680.403	781.400	764.382	763.380	K10
V 8	811.400	814.400	809.411	840.403	832.400	831.411	669.310	636.280	626.304	V10
I 9	904.500	897.431	840.510	900.541	878.511	874.531	490.241	473.224	472.240	I10
S10	1093.580	1078.521	1078.570	1090.584	1104.557	1103.571	347.101	330.100	320.102	S10
R11	1184.620	1187.590	1184.611	1192.621	1176.594	1174.611	210.110	200.121	0.000	R10
R12	1304.711	1275.634	1274.710	1330.700	1303.660	1302.700	147.111	130.080	0.000	R10

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GS Acetyl 42.01 KKAVT Acetyl 42.01 KAQQKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.57
- ▶ F112759.dat
- ▶ query=q28914.p1
- ▶ precursor=544.112880
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P	115.087	2716.539	2700.517	0.000	2699.500	P[25]
E	244.159	2619.483	2603.464	0.000	2602.450	E[24]
P	341.182	2690.440	2474.432	0.000	2473.414	P[23]
A	412.219	2393.387	2377.369	0.000	2376.361	A[22]
K	540.314	2322.350	2306.332	2307.339	2305.324	K[21]
S	627.346	2194.257	2178.237	2179.244	2177.229	S[20]
A	698.283	2107.223	2091.205	2092.212	2090.197	A[19]
P	795.430	2036.186	2020.168	2021.176	2019.161	P[18]
A	866.473	1930.133	1923.115	1924.123	1922.107	A[17]
P	963.526	1868.096	1852.078	1853.085	1851.070	P[16]
K	1091.621	1771.044	1755.025	1756.033	1754.017	K[15]
K	1261.726	1642.949	1626.930	1627.938	1625.922	K[14]
G	1318.748	1472.843	1456.824	1457.832	1455.817	G[13]
S	1467.790	1315.822	1309.803	1310.811	1309.795	S[12]
K	1575.885	1288.779	1270.760	1271.768	1269.753	K[11]
K	1703.980	1158.684	1142.665	1143.673	1141.658	K[10]
A	1775.017	1030.589	1014.570	1015.578	1013.563	A[9]
V	1874.086	950.552	943.533	944.541	942.525	V[8]
T	2017.144	860.484	844.465	845.472	843.457	T[7]
R	2156.239	773.425	767.407	768.414	760.399	R[6]
A	2216.276	689.330	573.312	574.320	572.304	A[5]
Q	2244.335	618.293	502.275	503.282	501.267	Q[4]
K	2472.430	600.235	374.216	375.224	373.208	K[3]
K	2600.525	262.140	246.121	247.129	245.113	K[2]
D	2715.552	134.045	118.028	119.034	117.018	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GS ^{Acetyl}42.01 KKA^{Acetyl}42.01 VTKA^{Acetyl}42.01 QKQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.57
- ▶ F112759.dat
- ▶ query=q28914.p1
- ▶ precursor=544.112880
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	58.647	1358.771	1350.762	0.504	1350.256	P 25
E 2	122.586	1310.245	1302.236	0.504	1301.730	E 24
P 3	171.095	1245.724	1237.714	0.504	1237.210	P 23
A 4	206.613	1197.197	1189.188	0.504	1188.684	A 22
K 5	270.661	1101.679	1153.669	1154.173	1153.166	K 21
S 6	314.177	1007.631	1089.622	1090.126	1089.118	S 20
A 7	349.695	1054.135	1046.100	1046.610	1045.602	A 19
F 8	389.222	1018.567	1010.557	1011.071	1010.062	F 18
A 9	433.740	970.070	962.051	962.565	961.552	A 17
P 10	482.267	934.552	926.542	927.046	926.039	P 16
K 11	546.314	886.025	878.016	878.520	877.512	K 15
K 12	631.367	821.978	813.969	814.473	813.465	K 14
Q 13	659.876	736.925	728.916	729.420	728.412	Q 13
S 14	724.399	708.414	700.405	700.909	699.901	S 12
K 15	788.446	643.893	635.884	636.388	635.380	K 11
K 16	852.494	579.846	571.836	572.340	571.332	K 10
A 17	888.012	515.798	507.789	508.293	507.285	A 9
V 18	937.547	480.280	472.270	472.774	471.766	V 9
T 19	1009.076	430.740	422.730	423.240	422.232	T 7
K 20	1074.619	359.216	351.207	351.711	350.703	K 6
A 21	1108.642	295.169	287.159	287.663	286.656	A 5
Q 22	1172.671	269.650	251.641	252.145	251.137	Q 4
K 23	1236.718	195.621	187.612	188.116	187.108	K 3
K 24	1300.766	131.574	123.564	124.068	123.060	K 2
D 25	1358.279	87.528	89.537	89.021	89.013	D 1

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GS Acetyl 42.01 KKAVT Acetyl 42.01 KAQQKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.57
- ▶ F112759.dat
- ▶ query=q28914.p1
- ▶ precursor=544.112880
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	38.034	906.183	900.844	0.672	900.508	P[25]
E[2]	82.048	873.832	868.493	0.672	868.157	E[24]
P[3]	114.399	830.818	825.479	0.672	825.143	P[23]
A[4]	138.078	798.467	793.128	0.672	792.792	A[22]
K[5]	180.776	774.788	769.449	769.785	769.113	K[21]
S[6]	209.187	732.095	726.752	727.096	726.418	S[20]
A[7]	233.468	703.079	697.740	698.076	697.404	A[19]
P[8]	265.817	679.480	674.061	674.397	673.725	P[18]
A[9]	289.496	647.049	641.710	642.046	641.374	A[17]
P[10]	321.847	623.370	618.031	618.367	617.695	P[16]
K[11]	364.545	591.019	585.680	586.016	585.344	K[15]
K[12]	421.247	548.321	542.981	543.317	542.646	K[14]
G[13]	440.254	491.619	486.280	486.616	485.944	G[13]
S[14]	483.268	472.612	467.272	467.608	466.937	S[12]
K[15]	525.987	429.598	424.258	424.594	423.922	K[11]
K[16]	588.695	386.940	381.560	381.896	381.224	K[10]
A[17]	592.344	344.203	338.862	339.198	338.526	A[9]
V[18]	625.367	320.522	315.181	315.519	314.847	V[8]
T[19]	673.053	287.499	282.160	282.496	281.824	T[7]
K[20]	715.751	239.813	234.474	234.810	234.138	K[6]
A[21]	739.430	197.115	191.775	192.111	191.439	A[5]
Q[22]	782.116	173.436	168.096	168.432	167.760	Q[4]
K[23]	824.815	130.750	125.410	125.746	125.074	K[3]
K[24]	867.513	88.061	82.722	83.048	82.376	K[2]
D[25]	905.255	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GS Acetyl 42.01 KKAVT Acetyl 42.01 KAQQKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=59.57
- ▶ F112759.dat
- ▶ query=q28914.p1
- ▶ precursor=544.112880
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	29.527	679.889	675.885	0.755	675.633	P25
E2	61.788	655.626	651.621	0.755	651.370	E24
P3	86.051	623.366	619.361	0.755	619.109	P23
A4	103.810	599.102	595.098	0.755	594.846	A22
K5	135.834	581.343	577.338	577.590	577.086	K21
S6	187.892	549.319	545.315	545.567	545.063	S20
A7	175.351	527.561	523.557	523.809	523.305	A19
P8	199.614	509.802	505.797	506.049	505.545	P18
A9	217.374	485.539	481.534	481.786	481.282	A17
P10	241.637	467.780	463.775	464.027	463.523	P16
K11	273.661	443.516	439.512	439.764	439.260	K15
K12	316.187	411.493	407.488	407.740	407.236	K14
G13	330.442	368.966	364.962	365.214	364.710	G13
S14	362.703	354.711	350.706	350.958	350.454	S12
R15	394.727	322.450	318.446	318.697	318.194	K11
K16	426.751	290.426	286.422	286.674	286.170	K10
A17	448.510	258.403	254.398	254.650	254.146	A9
V18	469.277	240.643	236.639	236.891	236.387	V8
T19	505.041	215.875	211.872	212.124	211.620	T17
K20	537.065	180.112	176.107	176.359	175.855	K6
A21	554.824	148.088	144.083	144.335	143.831	A5
Q22	586.839	130.529	126.524	126.576	126.072	Q4
K23	618.863	98.314	94.309	94.561	94.057	K3
K24	650.887	66.290	62.285	62.538	62.034	K2
D25	679.643	34.267	30.262	30.514	30.010	D1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.51
- ▶ F112760.dat
- ▶ query=q47457_p1
- ▶ precursor=507.101790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2531.487	2515.468	0.000	2514.460	S[24]
G[2]	204.098	2402.444	2386.425	0.000	2385.417	G[23]
R[3]	368.199	2346.421	2329.404	2130.412	2328.396	R[22]
G[4]	417.230	2389.321	2373.303	2174.310	2372.295	G[21]
K[5]	545.315	2132.300	2116.281	2117.289	2115.273	K[20]
G[6]	602.337	2084.205	1988.186	1989.194	1987.178	G[19]
G[7]	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K[8]	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G[9]	814.475	1782.087	1766.068	1747.056	1745.041	G[16]
L[10]	957.559	1705.046	1689.027	1690.035	1688.019	L[15]
G[11]	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K[12]	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G[13]	1199.697	1406.945	1390.926	1391.934	1389.919	G[12]
G[14]	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A[15]	1329.798	1292.802	1276.783	1277.791	1275.776	A[10]
R[16]	1435.850	1221.765	1205.746	1206.754	1204.739	R[9]
R[17]	1611.951	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1749.010	937.569	921.550	922.558	920.543	H[7]
R[19]	1905.111	800.510	784.491	785.499	783.484	R[6]
K[20]	2047.222	644.409	628.390	629.398	627.382	K[5]
V[21]	2146.290	502.298	486.280	487.287	485.272	V[4]
L[22]	2259.374	403.230	387.211	388.219	386.203	L[3]
R[23]	2415.476	280.146	274.127	275.135	273.119	R[2]
D[24]	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl}VLRD
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.51
- ▶ F112760.dat
- ▶ query=q47457_p1
- ▶ precursor=507.101790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1256.247	1256.239	0.504	1257.734	S[24]
G[2]	102.553	1201.726	1193.738	0.504	1193.212	G[23]
R[3]	180.603	1173.215	1165.206	1165.709	1164.702	R[22]
G[4]	209.114	1095.164	1097.155	1097.659	1099.051	G[21]
K[5]	273.163	1058.694	1058.644	1059.148	1055.140	K[20]
G[6]	301.672	1002.606	994.597	995.101	994.093	G[19]
G[7]	330.183	974.695	966.086	966.590	965.582	G[18]
K[8]	394.230	945.985	937.575	938.079	937.071	K[17]
G[9]	422.741	881.537	873.528	874.032	873.024	G[16]
L[10]	479.283	853.996	845.017	845.521	844.513	L[15]
G[11]	507.794	796.484	788.475	788.979	787.971	G[14]
K[12]	571.841	767.974	759.964	760.468	759.460	K[13]
G[13]	600.352	703.926	695.917	696.421	695.413	G[12]
G[14]	628.863	675.415	667.406	667.910	666.902	G[11]
A[15]	664.381	646.905	638.895	639.399	638.391	A[10]
R[16]	728.429	611.386	603.377	603.881	602.873	R[9]
R[17]	806.479	547.139	539.329	539.833	538.825	R[8]
H[18]	875.009	469.288	461.279	461.783	460.775	H[7]
R[19]	953.059	400.759	392.749	393.253	392.245	R[6]
K[20]	1034.115	322.708	314.699	315.203	314.195	K[5]
V[21]	1073.649	251.692	243.683	244.187	243.180	V[4]
L[22]	1110.191	202.119	194.109	194.613	193.605	L[3]
R[23]	1208.241	145.577	137.567	138.071	137.063	R[2]
D[24]	1265.755	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.51
- ▶ F112760.dat
- ▶ query=q47457.p1
- ▶ precursor=507.101790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.825	S[24]
G[2]	58.704	301.485	796.147	0.672	795.811	G[23]
R[3]	120.738	782.476	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	598.027	582.688	583.024	582.352	G[16]
L[10]	319.858	569.020	563.680	564.016	563.346	L[15]
G[11]	338.865	531.325	525.986	526.322	525.650	G[14]
K[12]	381.563	512.318	505.979	507.315	506.643	K[13]
G[13]	400.570	469.620	464.280	464.616	463.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.257	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.226	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	639.709	297.508	292.168	292.504	291.833	R[6]
K[20]	683.079	275.475	270.135	270.471	269.799	K[5]
V[21]	716.102	168.104	162.764	163.101	162.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

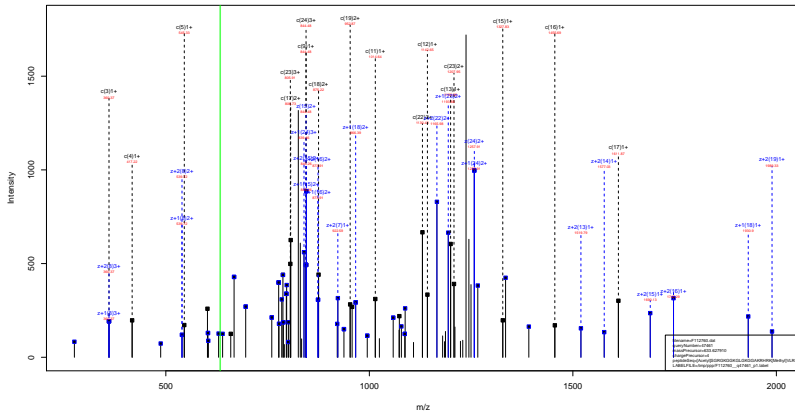
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=50.51
- ▶ F112760.dat
- ▶ query=q47457.p1
- ▶ precursor=507.101790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	633.627	629.622	0.755	629.170	S[24]
G[2]	51.780	501.365	507.352	0.755	507.110	G[23]
R[3]	90.805	507.111	583.106	583.358	582.854	R[22]
G[4]	105.061	548.086	544.081	544.333	543.829	G[21]
K[5]	137.084	533.830	529.826	530.078	529.574	K[20]
G[6]	151.340	501.807	497.802	498.054	497.550	G[19]
G[7]	165.595	487.551	483.547	483.799	483.295	G[18]
K[8]	197.619	473.296	469.291	469.543	469.039	K[17]
G[9]	211.874	461.272	457.268	457.520	457.016	G[16]
L[10]	380.148	427.017	423.012	423.264	422.760	L[15]
G[11]	254.403	398.740	394.741	394.993	394.489	G[14]
K[12]	286.424	384.490	380.488	380.738	380.234	K[13]
G[13]	300.680	352.467	348.462	348.714	348.210	G[12]
G[14]	314.935	338.211	334.207	334.459	333.955	G[11]
A[15]	332.694	323.956	319.951	320.203	319.699	A[10]
K[16]	364.718	306.197	302.192	302.444	301.940	K[9]
R[17]	403.743	274.173	270.168	270.420	269.916	R[8]
H[18]	488.008	235.148	231.143	231.395	230.891	H[7]
R[19]	477.033	220.883	196.873	197.130	196.626	R[6]
K[20]	512.561	161.858	157.853	158.105	157.601	K[5]
V[21]	537.328	126.330	122.325	122.577	122.073	V[4]
L[22]	565.599	101.563	97.558	97.810	97.306	L[3]
R[23]	604.624	73.292	69.287	69.539	69.035	R[2]
D[24]	653.381	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Methyl VLRD
14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=118.82
- ▶ F112760.dat
- ▶ query=q47461_p1
- ▶ precursor=633.627910
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2531.487	2515.468	0.000	2514.460	S[24]
G[2]	204.008	2402.444	2386.425	0.000	2385.417	G[23]
R[3]	368.199	2346.421	2329.404	2130.412	2328.396	R[22]
G[4]	417.230	2189.321	2173.303	2174.310	2172.295	G[21]
K[5]	545.315	2132.300	2116.281	2117.289	2115.273	K[20]
G[6]	602.337	2084.205	2068.186	1989.194	1987.178	G[19]
G[7]	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K[8]	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G[9]	844.475	1782.087	1766.068	1747.856	1745.841	G[16]
L[10]	937.559	1705.046	1689.027	1690.035	1688.019	L[15]
G[11]	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K[12]	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G[13]	1199.697	1406.945	1390.926	1391.834	1389.819	G[12]
G[14]	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A[15]	1327.795	1292.802	1276.783	1277.791	1275.776	A[10]
R[16]	1435.850	1221.765	1205.746	1206.754	1204.739	R[9]
R[17]	1611.951	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1749.030	937.569	921.550	922.558	920.542	H[7]
R[19]	1905.111	800.510	784.491	785.499	783.484	R[6]
K[20]	2047.222	644.409	628.390	629.398	627.382	K[5]
V[21]	2146.290	502.298	486.280	487.287	485.272	V[4]
L[22]	2259.374	403.230	387.211	388.219	386.203	L[3]
R[23]	2415.476	290.146	274.127	275.135	273.119	R[2]
D[24]	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=118.82
- ▶ F112760.dat
- ▶ query=q47461_p1
- ▶ precursor=633.627910
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1266.247	1258.238	0.504	1257.734	S 24
G 2	102.551	1201.726	1193.716	0.504	1193.212	G 23
R 3	180.603	1173.215	1165.206	1165.709	1164.703	R 22
G 4	259.114	1095.164	1087.155	1087.559	1086.551	G 21
K 5	273.151	1056.654	1055.644	1059.148	1058.140	K 20
G 6	301.672	1002.606	994.597	995.101	994.093	G 19
G 7	330.183	974.095	966.086	966.590	965.582	G 18
K 8	394.230	945.585	937.575	938.079	937.071	K 17
G 9	422.741	881.517	873.528	874.032	873.024	G 16
L 10	479.283	853.026	845.017	845.521	844.513	L 15
G 11	507.794	796.484	788.475	788.979	787.971	G 14
K 12	571.841	767.974	759.964	760.468	759.460	K 13
G 13	600.352	703.926	695.917	696.421	695.413	G 12
G 14	628.863	675.415	667.406	667.910	666.902	G 11
A 15	664.381	646.905	638.895	639.399	638.391	A 10
R 16	729.439	611.386	603.377	603.881	602.873	R 9
R 17	806.479	547.339	539.329	539.833	538.825	R 8
H 18	875.009	469.288	461.279	461.783	460.775	H 7
R 19	953.059	400.759	392.749	393.253	392.245	R 6
K 20	1024.117	322.706	314.696	315.200	314.192	K 5
V 21	1073.649	254.653	246.643	247.147	246.140	V 4
L 22	1130.191	202.119	194.109	194.613	193.605	L 3
R 23	1208.241	145.577	137.567	138.071	137.063	R 2
D 24	1265.755	67.526	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

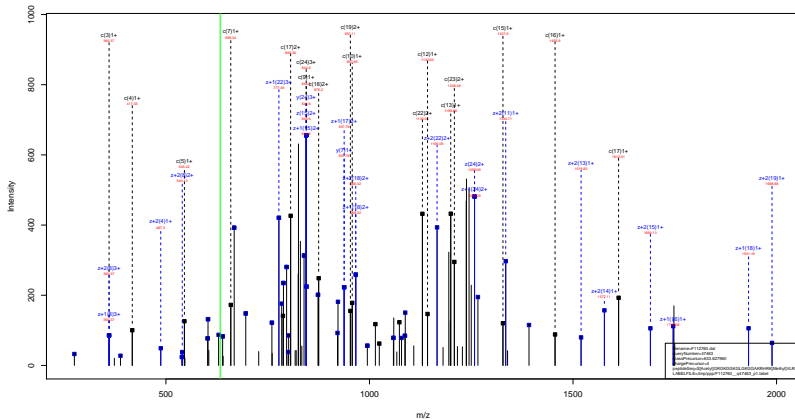
[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Methyl} VLRD
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=118.82
- ▶ F112760.dat
- ▶ query=q47461_p1
- ▶ precursor=633.627910
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.825	S[24]
G[2]	58.704	801.486	796.147	0.672	795.811	G[23]
R[3]	150.738	782.476	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	588.021	582.681	583.024	582.352	G[16]
L[10]	319.858	569.020	563.680	564.016	563.345	L[15]
G[11]	338.865	531.325	525.985	526.322	525.650	G[14]
K[12]	381.563	512.318	506.979	507.315	506.643	K[13]
G[13]	400.570	469.620	464.280	464.616	463.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.257	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.226	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	635.709	297.508	292.169	292.505	291.833	R[6]
K[20]	663.079	215.475	210.135	210.471	209.799	K[5]
V[21]	716.102	168.104	162.765	163.101	162.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK (Methyl) VLRD
(14.02)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Methyl)VLRD
(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=101.41
- ▶ F112760.dat
- ▶ query=q47463_p1
- ▶ precursor=633.627960
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2531.487	2515.468	0.000	2514.460	S(24)
G	2	204.098	2402.444	2386.425	0.000	2385.417	G(23)
R	3	360.199	2348.423	2329.404	2330.412	2328.396	R(22)
G	4	417.220	2189.321	2173.303	2174.310	2172.295	G(21)
K	5	545.315	2132.300	2116.281	2117.289	2115.273	K(20)
G	6	602.337	2004.205	1988.186	1989.194	1987.178	G(19)
G	7	659.358	1947.184	1931.165	1932.173	1930.157	G(18)
K	8	787.453	1890.162	1874.143	1875.151	1873.135	K(17)
G	9	844.475	1762.067	1746.048	1747.056	1745.041	G(16)
L	10	937.559	1705.046	1689.027	1690.035	1688.019	L(15)
G	11	1014.580	1591.962	1575.943	1576.951	1574.935	G(14)
K	12	1142.675	1534.940	1518.921	1519.929	1517.914	K(13)
G	13	1199.697	1406.845	1390.826	1391.834	1389.819	G(12)
G	14	1256.718	1349.824	1331.805	1334.813	1332.797	G(11)
A	15	1327.755	1292.802	1276.783	1277.791	1275.776	A(10)
R	16	1435.850	1231.780	1205.760	1206.768	1204.753	R(9)
R	17	1811.951	1093.674	1077.653	1078.659	1076.644	R(8)
H	18	1749.010	937.569	921.550	922.558	920.542	H(7)
R	19	1005.111	800.510	784.491	785.499	783.484	R(6)
K	20	2047.222	644.409	628.390	629.398	627.382	K(5)
V	21	2146.290	502.298	486.280	487.287	485.272	V(4)
L	22	2259.374	403.230	387.211	388.219	386.203	L(3)
D	23	2415.476	260.146	244.127	275.135	273.119	D(2)
D	24	2530.503	134.045	118.026	119.034	117.018	D(1)

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Methyl) VLRD
(14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=101.41
- ▶ F112760.dat
- ▶ query=q47463.p1
- ▶ precursor=633.627960
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.092	1266.247	1256.238	0.504	1257.734	S 24
G 2	102.553	1201.726	1193.716	0.504	1193.212	G 23
R 3	180.603	1173.215	1165.206	1165.709	1164.702	R 22
G 4	209.114	1095.164	1087.155	1087.659	1086.651	G 21
K 5	273.163	1066.654	1058.644	1059.148	1059.144	K 20
G 6	301.672	1002.605	994.597	995.101	994.595	G 19
G 7	330.183	974.095	966.086	966.590	965.582	G 18
K 8	394.230	945.585	937.575	938.079	937.071	K 17
G 9	422.741	881.537	873.528	874.032	873.024	G 16
L 10	499.283	853.028	845.017	845.521	844.513	L 15
G 11	507.794	796.484	788.475	788.979	787.971	G 14
K 12	571.841	767.074	759.964	760.468	759.460	K 13
G 13	600.352	703.026	695.917	696.421	695.413	G 12
G 14	628.863	675.415	667.406	667.910	666.902	G 11
A 15	664.361	646.905	638.895	639.399	638.391	A 10
R 16	728.426	613.396	603.377	603.881	602.873	R 9
R 17	806.479	547.335	539.329	539.833	538.825	R 8
H 18	875.009	469.288	461.279	461.783	460.775	H 7
R 19	953.059	400.759	392.749	393.253	392.245	R 6
K 20	1024.115	322.708	314.699	315.203	314.195	K 5
V 21	1073.669	254.053	246.043	246.547	245.540	V 4
L 22	1130.191	202.119	194.109	194.613	193.605	L 3
R 23	1208.241	145.577	137.567	138.071	137.063	R 2
D 24	1266.755	87.526	59.537	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

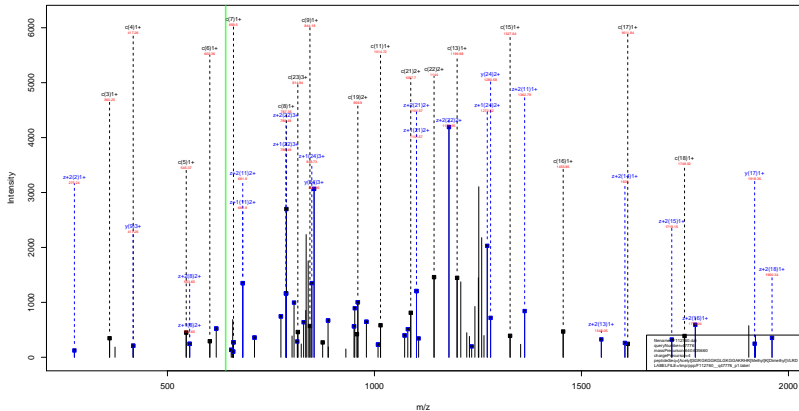
[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Methyl) VLRD
(14.02)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=101.41
- ▶ F112760.dat
- ▶ query=q47463.p1
- ▶ precursor=633.627960
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.825	S[24]
G[2]	68.704	801.486	796.147	0.672	776.811	G[23]
R[3]	120.738	782.479	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	588.027	582.688	583.024	582.352	G[16]
L[10]	319.858	569.020	563.680	564.016	563.345	L[15]
G[11]	338.865	531.325	525.985	526.322	525.650	G[14]
K[12]	381.563	512.318	506.979	507.315	506.643	K[13]
G[13]	400.570	499.620	494.280	494.616	493.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.297	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.228	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	635.709	267.508	262.168	262.505	261.833	R[6]
K[20]	683.079	215.475	210.135	210.471	209.799	K[5]
V[21]	716.102	168.104	162.764	163.101	162.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR Methy K Dimethyl VLRD
14.02 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl}K ^{Dimethyl}VLRD
14.02 28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=95.00
- ▶ F112760.dat
- ▶ query=q47776_p1
- ▶ precursor=640.635660
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.676	2556.518	2541.489	0.000	2542.491	S[24]
G	2	204.088	2430.475	2414.457	0.000	2413.449	G[23]
R	3	368.199	2371.464	2357.435	2358.443	2366.427	R[22]
G	4	417.230	2217.351	2200.334	2202.342	2206.328	G[21]
K	5	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G	6	602.337	2032.239	2016.218	2017.225	2015.210	G[19]
G	7	659.358	1975.215	1959.196	1960.204	1958.188	G[18]
K	8	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G	9	844.475	1795.098	1774.080	1775.087	1773.072	G[16]
L	10	957.559	1733.977	1717.958	1718.966	1716.950	L[15]
G	11	1014.580	1619.963	1603.974	1604.982	1602.966	G[14]
K	12	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G	13	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G	14	1256.718	1377.855	1361.836	1362.844	1360.828	G[11]
A	15	1327.795	1326.833	1304.815	1305.823	1303.807	A[10]
R	16	1455.850	1249.789	1233.778	1234.785	1232.770	R[9]
R	17	1611.951	1127.761	1105.683	1106.691	1104.675	R[8]
H	18	1749.010	995.600	949.582	950.589	948.574	H[7]
R	19	1919.127	828.541	812.533	813.530	811.515	R[6]
K	20	2075.253	658.425	642.408	643.414	641.399	K[5]
V	21	2174.322	502.298	486.280	487.287	485.272	V[4]
L	22	2287.406	403.239	387.211	388.219	386.203	L[3]
R	23	2443.507	290.140	274.127	275.135	273.119	R[2]
D	24	2598.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl} K ^{Dimethyl} VLRD
 14.02 28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=95.00
- ▶ F112760.dat
- ▶ query=q47776_p1
- ▶ precursor=640.635660
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1280.263	1272.253	0.504	1271.449	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.238	G[23]
R[3]	180.603	1187.233	1179.222	1179.725	1178.717	R[22]
G[4]	269.114	1159.185	1161.171	1161.675	1160.666	G[21]
K[5]	273.161	1080.669	1072.660	1073.164	1072.156	K[20]
G[6]	351.672	1016.625	1058.612	1059.116	1058.108	G[19]
G[7]	330.193	988.111	980.102	980.606	979.599	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	895.515	887.543	888.047	887.040	G[16]
L[10]	479.283	867.042	859.033	859.537	858.529	L[15]
G[11]	507.794	818.500	802.491	802.995	801.987	G[14]
K[12]	571.841	781.989	773.980	774.484	773.476	K[13]
G[13]	600.352	717.942	709.932	710.436	709.429	G[12]
G[14]	628.863	689.431	681.422	681.926	680.918	G[11]
A[15]	664.381	660.920	652.911	653.415	652.407	A[10]
R[16]	708.409	629.402	617.392	617.896	616.889	R[9]
R[17]	806.479	561.354	553.345	553.849	552.841	R[8]
H[18]	875.009	483.304	475.294	475.798	474.791	H[7]
R[19]	960.067	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.130	329.716	321.707	322.211	321.203	K[5]
V[21]	1087.665	251.663	243.653	244.147	243.140	V[4]
L[22]	1144.207	202.132	194.123	194.617	193.609	L[3]
R[23]	1222.257	145.577	137.567	138.071	137.063	R[2]
D[24]	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

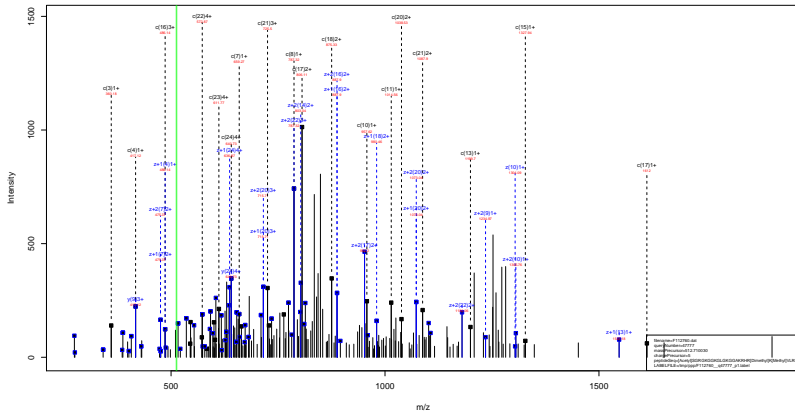
[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl}K ^{Dimethyl}VLRD
14.02 28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=95.00
- ▶ F112760.dat
- ▶ query=q47776.p1
- ▶ precursor=640.635660
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	648.505	0.672	848.199	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	150.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	678.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.660	535.320	535.656	534.984	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	640.381	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	220.146	214.807	215.143	214.471	K[5]
V[21]	725.445	168.104	162.765	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl} K ^{Methyl} VLRD
 28.03 14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl} K ^{Methyl} VLRD
28.03 14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.33
- ▶ F112760.dat
- ▶ query=q47777_p1
- ▶ precursor=512.710030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	259.518	254.469	0.000	254.469	S[24]
G[2]	204.008	2430.475	2414.457	0.000	2413.449	G[23]
R[3]	360.199	237.1454	2357.435	2358.441	2356.427	R[22]
G[4]	417.220	2317.383	2291.359	2292.342	2290.326	G[21]
K[5]	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G[6]	602.337	2032.236	2016.218	2017.225	2015.210	G[19]
G[7]	659.358	1975.215	1959.190	1960.204	1958.188	G[18]
K[8]	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G[9]	844.475	1790.098	1774.080	1775.087	1773.072	G[16]
L[10]	957.559	1733.077	1717.059	1718.066	1716.050	L[15]
Q[11]	1014.580	1619.993	1603.974	1604.982	1602.965	Q[14]
K[12]	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
L[13]	1199.697	1434.876	1418.859	1419.866	1417.850	L[12]
G[14]	1256.718	1377.855	1361.838	1362.844	1360.828	G[11]
A[15]	1327.755	1320.833	1304.815	1305.823	1303.807	A[10]
R[16]	1405.850	1249.766	1233.749	1234.765	1232.749	R[9]
R[17]	1611.951	1121.701	1105.683	1106.691	1104.675	R[8]
H[18]	1740.010	965.600	949.582	950.589	948.574	H[7]
R[19]	1931.143	828.541	812.523	813.530	811.515	R[6]
K[20]	2075.253	644.400	628.380	629.398	627.382	K[5]
V[21]	2174.220	502.298	486.280	487.287	485.272	V[4]
L[22]	2297.408	403.230	387.211	388.219	386.203	L[3]
R[23]	2443.507	290.148	274.127	275.135	273.119	R[2]
D[24]	2558.534	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl} K ^{Methyl} VLRD
28.03 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.33
- ▶ F112760.dat
- ▶ query=q47777_p1
- ▶ precursor=512.710030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1200.263	1272.253	0.904	1271.749	S[24]
G	2	102.553	1215.741	1207.732	0.904	1207.230	G[23]
R	3	180.603	1187.231	1179.221	1179.725	1178.717	R[22]
G	4	259.114	1109.180	1101.171	1101.675	1100.569	G[21]
K	5	273.101	1080.669	1072.660	1073.164	1072.158	K[20]
G	6	301.672	1018.622	1008.612	1009.116	1008.108	G[19]
G	7	330.183	998.111	980.102	980.606	979.599	G[18]
K	8	394.230	959.600	951.591	952.095	951.087	K[17]
G	9	422.741	895.553	887.543	888.047	887.040	G[16]
L	10	479.283	857.042	850.033	850.537	849.529	L[15]
G	11	507.794	810.500	802.491	802.995	801.987	G[14]
K	12	571.841	781.989	773.980	774.484	773.476	K[13]
G	13	600.352	717.942	709.932	710.436	709.429	G[12]
G	14	628.863	689.431	681.422	681.926	680.918	G[11]
A	15	664.381	660.920	652.911	653.415	652.407	A[10]
R	16	728.429	629.402	617.392	617.896	616.889	R[9]
R	17	806.479	561.354	553.345	553.849	552.841	R[8]
H	18	875.009	483.304	475.294	475.798	474.791	H[7]
R	19	967.075	414.774	406.765	407.269	406.261	R[6]
K	20	1038.130	322.708	314.699	315.203	314.195	K[5]
V	21	1087.665	251.653	243.643	244.147	243.140	V[4]
L	22	1144.207	202.119	194.109	194.613	193.605	L[3]
R	23	1222.257	148.577	137.567	138.071	137.063	R[2]
D	24	1279.771	67.528	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl} K ^{Methyl} VLRD
28.03 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.33
- ▶ F112760.dat
- ▶ query=q47777.p1
- ▶ precursor=512.710030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.507	0.672	848.169	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	120.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.699	G[16]
L[10]	319.858	578.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.050	535.330	535.666	534.994	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.669	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	645.052	278.852	273.512	273.848	273.176	R[6]
K[20]	692.423	235.475	230.135	230.471	229.799	K[5]
V[21]	725.445	188.104	182.765	183.101	182.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	863.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

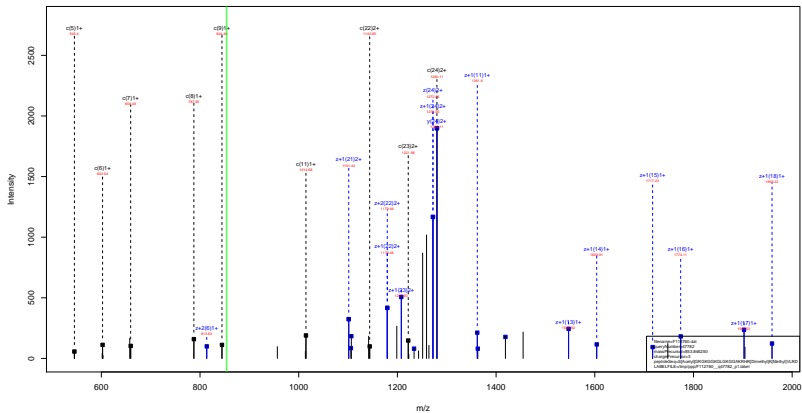
[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl} K ^{Methyl} VLRD
28.03 14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=53.33
- ▶ F112760.dat
- ▶ query=q47777.p1
- ▶ precursor=512.710030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	640.635	636.630		0.755	636.378 S[24]
G[2]	51.780	508.374	604.370		0.755	604.118 G[23]
R[3]	90.805	594.119	590.114	590.366	589.862	R[22]
G[4]	105.061	555.094	551.089	551.341	550.837	G[21]
K[5]	137.084	540.838	536.834	537.086	536.582	K[20]
G[6]	151.340	508.815	504.810	505.062	504.558	G[19]
G[7]	165.595	494.559	490.554	490.806	490.303	G[18]
K[8]	197.619	480.304	476.299	476.551	476.047	K[17]
G[9]	211.874	446.280	442.275	442.527	442.023	G[16]
L[10]	380.148	434.025	430.020	430.272	429.768	L[15]
G[11]	354.403	405.754	401.749	402.001	401.497	G[14]
K[12]	286.424	391.498	387.494	387.746	387.242	K[13]
G[13]	300.680	359.475	355.470	355.722	355.218	G[12]
G[14]	314.935	345.219	341.215	341.466	340.963	G[11]
A[15]	332.694	330.964	326.959	327.211	326.707	A[10]
K[16]	364.718	313.205	309.200	309.452	308.948	K[9]
R[17]	403.743	281.181	277.176	277.428	276.924	R[8]
H[18]	438.008	242.156	238.151	238.403	237.899	H[7]
R[19]	484.041	207.891	203.886	204.138	203.634	R[6]
K[20]	519.569	161.858	157.853	158.105	157.601	K[5]
V[21]	544.336	126.330	122.325	122.577	122.073	V[4]
L[22]	572.607	101.563	97.558	97.810	97.306	L[3]
R[23]	611.632	73.292	69.287	69.539	69.035	R[2]
D[24]	640.389	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) K (Methyl) VLRD
 (28.03) (14.02)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) K (Methyl) VLRD
(28.03) (14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.26
- ▶ F112760.dat
- ▶ query=q47782_p1
- ▶ precursor=853.846250
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2559.518	2543.499	0.000	2542.491	S[24]
G	2	204.098	2430.475	2414.457	0.000	2413.449	G[23]
R	3	380.199	2373.454	2357.435	2358.443	2356.427	R[22]
G	4	417.220	2217.953	2201.934	2202.942	2200.926	G[21]
K	5	545.315	2160.931	2144.913	2145.920	2143.905	K[20]
G	6	602.337	2032.298	2016.279	2017.285	2015.270	G[19]
G	7	659.358	1975.215	1959.196	1960.204	1958.188	G[18]
K	8	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G	9	844.475	1790.598	1774.580	1775.587	1773.572	G[16]
L	10	897.596	1733.077	1717.058	1718.066	1716.050	L[15]
G	11	1014.580	1619.953	1603.934	1604.942	1602.926	G[14]
R	12	1142.675	1562.971	1546.953	1547.960	1545.945	R[13]
G	13	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G	14	1256.718	1377.895	1361.836	1362.844	1360.828	G[11]
A	15	1327.755	1320.833	1304.815	1305.823	1303.807	A[10]
R	16	1405.850	1249.799	1233.778	1234.785	1232.770	R[9]
R	17	1611.951	1179.701	1105.663	1106.691	1104.675	R[8]
H	18	1749.010	995.605	949.587	950.589	948.574	H[7]
R	19	1933.143	828.541	812.523	813.530	811.515	R[6]
R	20	2075.253	644.409	628.390	629.388	627.383	R[5]
V	21	2174.322	502.298	486.280	487.287	485.272	V[4]
L	22	2287.406	403.230	387.213	388.219	386.203	L[3]
D	23	2443.507	268.146	252.127	253.136	251.119	D[2]
D	24	2558.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

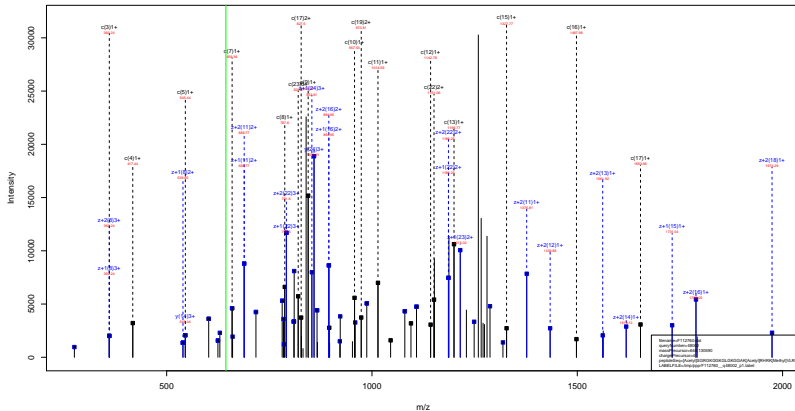
[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) K (Methyl) VLRD
(28.03) (14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.26
- ▶ F112760.dat
- ▶ query=q47782_p1
- ▶ precursor=853.846250
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.092	1280.263	1272.253	0.504	1271.749	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.228	G[23]
R[3]	180.603	1187.231	1179.221	1179.725	1179.717	R[22]
G[4]	209.114	1109.180	1101.171	1101.675	1100.667	G[21]
R[5]	273.183	1080.669	1072.660	1073.164	1072.156	R[20]
G[6]	301.672	1016.625	1008.612	1009.116	1008.108	G[19]
G[7]	330.183	988.111	980.102	980.606	979.598	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	895.553	887.543	888.047	887.040	G[16]
L[10]	479.283	867.042	859.033	859.537	858.529	L[15]
G[11]	507.794	810.500	802.491	802.995	801.987	G[14]
K[12]	571.841	781.989	773.980	774.484	773.476	K[13]
G[13]	600.352	717.942	709.932	710.436	709.429	G[12]
G[14]	628.863	689.431	681.422	681.926	680.918	G[11]
A[15]	664.361	660.920	652.911	653.415	652.407	A[10]
R[16]	728.429	628.402	619.392	619.896	618.888	R[9]
R[17]	806.479	561.354	553.345	553.849	552.841	R[6]
H[18]	875.009	483.304	475.294	475.798	474.791	H[7]
R[19]	967.075	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.130	322.708	314.699	315.203	314.195	K[5]
V[21]	1097.668	254.653	246.643	247.147	246.140	V[4]
L[22]	1144.207	202.110	194.100	194.613	193.605	L[3]
R[23]	1222.257	145.577	137.567	138.071	137.063	R[2]
D[24]	1279.771	87.526	79.517	80.021	79.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl}RHRK ^{Methyl}VLRD
42.01 14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLRD^{14.02}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=106.18
- ▶ F112760.dat
- ▶ query=q48002_p1
- ▶ precursor=644.130590
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.676	2573.497	2557.478	0.000	2556.471	S[24]
G	2	204.008	2444.455	2428.438	0.000	2427.420	G[23]
R	3	350.199	2387.433	2371.414	2372.432	2310.403	R[22]
G	4	417.230	2213.332	2215.313	2216.331	2214.309	G[21]
K	5	545.315	2174.310	2158.292	2159.300	2157.284	K[20]
G	6	602.337	2046.216	2030.197	2031.205	2029.189	G[19]
G	7	659.358	1909.194	1973.175	1974.183	1972.168	G[18]
K	8	787.453	1932.173	1916.154	1917.162	1915.146	K[17]
G	9	844.475	1804.078	1788.059	1789.067	1787.051	G[16]
L	10	927.559	1747.056	1731.037	1732.045	1730.030	L[15]
G	11	1014.580	1633.972	1617.953	1618.961	1616.946	G[14]
K	12	1142.675	1576.951	1560.932	1561.940	1559.924	K[13]
G	13	1199.697	1448.856	1432.837	1433.845	1431.829	G[12]
G	14	1256.718	1391.834	1375.815	1376.823	1374.808	G[11]
A	15	1327.756	1334.812	1318.794	1319.802	1317.786	A[10]
R	16	1407.801	1283.790	1247.771	1248.765	1246.749	R[9]
R	17	1653.962	1093.670	1077.651	1078.659	1076.644	R[8]
H	18	1791.021	937.569	921.550	922.558	920.542	H[7]
R	19	1947.122	800.510	784.491	785.499	783.484	R[6]
K	20	2089.233	644.409	628.390	629.398	627.382	K[5]
V	21	2188.301	502.298	486.280	487.287	485.272	V[4]
L	22	2301.388	403.230	387.211	388.219	386.203	L[3]
R	23	2437.488	290.140	274.127	275.135	273.119	R[2]
D	24	2572.513	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=106.18
- ▶ F112760.dat
- ▶ query=q48002_p1
- ▶ precursor=644.130590
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1287.252	1279.243	0.504	1278.739	S[24]
G[2]	102.553	1222.731	1214.722	0.504	1214.218	G[23]
R[3]	180.603	1194.220	1186.211	1186.715	1185.707	R[22]
G[4]	269.114	1116.170	1108.160	1108.664	1107.656	G[21]
K[5]	273.161	1087.659	1079.650	1080.153	1079.146	K[20]
G[6]	351.672	1023.611	1015.602	1016.106	1015.098	G[19]
G[7]	330.193	995.101	987.091	987.595	986.587	G[18]
K[8]	394.230	966.590	958.581	959.084	958.077	K[17]
G[9]	422.741	902.542	894.533	895.037	894.029	G[16]
L[10]	479.293	874.032	866.022	866.526	865.518	L[15]
Q[11]	507.794	817.490	809.480	809.984	808.976	Q[14]
K[12]	571.841	788.979	780.970	781.474	780.466	K[13]
G[13]	600.352	724.931	716.922	717.426	716.418	G[12]
G[14]	628.863	696.421	688.411	688.915	687.907	G[11]
A[15]	664.361	667.910	659.901	660.405	659.397	A[10]
R[16]	788.434	638.391	624.382	624.886	623.878	R[9]
R[17]	827.485	547.339	539.329	539.833	538.825	R[8]
H[18]	896.014	469.288	461.279	461.783	460.775	H[7]
R[19]	974.065	400.750	392.740	393.243	392.245	R[6]
K[20]	1045.120	322.700	314.690	315.203	314.195	K[5]
V[21]	1094.654	251.663	243.653	244.167	243.160	V[4]
L[22]	1151.196	180.119	184.109	184.613	183.605	L[3]
R[23]	1229.247	145.577	137.567	138.071	137.063	R[2]
D[24]	1386.760	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Methyl} VLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=106.18
- ▶ F112760.dat
- ▶ query=q48002.p1
- ▶ precursor=644.130590
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	858.504	853.164	0.672	852.838	S[24]
G[2]	58.704	815.490	810.150	0.672	809.814	G[23]
R[3]	150.738	796.481	791.143	791.479	790.807	R[22]
G[4]	139.745	784.449	739.109	739.445	738.773	G[21]
K[5]	182.443	725.442	720.102	720.438	719.766	K[20]
G[6]	201.450	682.743	677.404	677.740	677.068	G[19]
G[7]	220.458	663.736	658.397	658.733	658.061	G[18]
K[8]	263.156	644.729	639.389	639.725	639.054	K[17]
G[9]	282.163	602.031	596.691	597.027	596.355	G[16]
L[10]	319.958	584.024	577.684	578.020	577.348	L[15]
G[11]	338.965	545.329	539.989	540.325	539.653	G[14]
K[12]	381.563	526.322	520.982	521.318	520.646	K[13]
G[13]	400.570	483.623	478.284	478.620	477.948	G[12]
G[14]	419.578	464.616	459.277	459.613	458.941	G[11]
A[15]	443.257	445.609	440.270	440.605	439.934	A[10]
K[16]	499.958	421.930	416.590	416.926	416.255	K[9]
R[17]	551.992	365.226	359.889	360.225	359.553	R[8]
H[18]	597.678	313.195	307.855	308.191	307.519	H[7]
R[19]	649.712	297.508	262.169	262.505	261.833	R[6]
K[20]	697.082	215.475	210.137	210.471	209.799	K[5]
V[21]	730.105	168.104	162.765	163.101	162.429	V[4]
L[22]	767.800	135.082	129.742	130.078	129.406	L[3]
R[23]	819.834	97.387	92.047	92.383	91.711	R[2]
D[24]	858.176	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHR^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=73.23
- ▶ F112760.dat
- ▶ query=q48304_p1
- ▶ precursor=867.847920
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2601.528	2585.510	0.000	2584.502	S[24]
G[2]	204.098	2472.488	2456.467	0.000	2455.459	G[23]
R[3]	374.215	2415.484	2399.440	2400.451	2398.430	R[22]
G[4]	431.236	2345.348	2229.320	2230.337	2228.321	G[21]
K[5]	559.131	2188.320	2172.301	2173.315	2171.300	K[20]
G[6]	616.353	2060.231	2044.212	2045.220	2043.205	G[19]
G[7]	673.374	2003.210	1987.190	1988.199	1986.183	G[18]
K[8]	801.469	1946.188	1930.170	1931.177	1929.162	K[17]
G[9]	858.490	1818.091	1802.075	1803.082	1801.067	G[16]
L[10]	913.474	1791.072	1745.053	1746.061	1744.045	L[15]
Q[11]	1028.596	1647.988	1631.969	1632.977	1630.961	Q[14]
K[12]	1156.691	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1213.712	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1270.734	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1341.771	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1311.806	1277.914	1261.894	1262.780	1260.765	R[9]
R[17]	1667.878	1107.886	1091.867	1092.675	1090.659	R[8]
H[18]	1805.037	951.985	935.966	936.574	934.558	H[7]
R[19]	1969.109	814.826	798.807	799.515	797.499	R[6]
K[20]	2117.264	630.393	614.373	615.382	613.367	K[5]
V[21]	2216.132	602.298	486.280	487.287	485.272	V[4]
L[22]	2329.418	493.230	387.211	388.219	386.203	L[3]
R[23]	2485.517	390.148	274.127	275.135	273.119	R[2]
D[24]	2690.544	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAK^{Acetyl}_{42.01} RHR^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=73.23
- ▶ F112760.dat
- ▶ query=q48304.p1
- ▶ precursor=867.847920
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1301.268	1291.258	0.504	1292.755	S[24]
G	2	102.553	1236.747	1228.737	0.504	1228.231	G[23]
R	3	187.611	1208.236	1200.226	1200.730	1199.721	R[22]
G	4	238.322	1123.177	1115.168	1115.672	1114.666	G[21]
K	5	290.159	1094.567	1086.557	1087.061	1086.151	K[20]
G	6	308.680	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	337.191	1002.108	994.099	994.603	993.595	G[18]
K	8	401.218	973.590	965.588	966.092	965.084	K[17]
G	9	429.749	950.550	941.541	942.045	941.037	G[16]
L	10	489.293	893.040	873.030	873.534	872.526	L[15]
G	11	514.802	824.498	816.488	816.992	815.984	G[14]
K	12	578.849	795.987	787.977	788.481	787.474	K[13]
G	13	607.360	731.939	723.930	724.434	723.426	G[12]
G	14	635.871	703.429	695.419	695.923	694.915	G[11]
A	15	671.389	674.918	665.908	667.412	666.404	A[10]
R	16	736.442	639.390	631.380	631.884	630.876	R[9]
R	17	834.492	554.347	546.337	546.841	545.833	R[8]
H	18	963.022	476.290	468.280	468.784	467.776	H[7]
R	19	995.088	407.767	399.757	400.261	399.253	R[6]
K	20	1059.136	315.700	307.691	308.195	307.187	K[5]
V	21	1128.670	251.653	243.643	244.147	243.140	V[4]
L	22	1165.212	202.119	194.109	194.613	193.605	L[3]
R	23	1243.262	145.577	137.567	138.071	137.063	R[2]
D	24	1300.776	87.526	89.517	90.021	89.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} 42.01 GGAK^{Acetyl} 42.01 RHRK^{Methyl} 14.02 VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=86.33
- ▶ F112760.dat
- ▶ query=q48414_p1
- ▶ precursor=654.632530
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.676	2615.508	2599.489	0.000	2598.481	S[24]
G	2	204.008	2486.465	2470.446	0.000	2469.439	G[23]
R	3	368.199	2420.944	2413.425	2414.433	2412.417	R[22]
G	4	417.230	2373.943	2297.334	2298.332	2296.316	G[21]
K	5	545.315	2216.321	2200.302	2201.310	2199.295	K[20]
G	6	602.337	2088.226	2072.207	2073.215	2071.200	G[19]
G	7	659.358	2031.205	2015.186	2016.194	2014.178	G[18]
K	8	787.453	1974.183	1958.164	1959.172	1957.157	K[17]
G	9	814.875	1846.088	1838.069	1831.077	1829.062	G[16]
L	10	957.559	1789.067	1773.048	1774.056	1772.040	L[15]
K	11	1014.580	1675.963	1659.944	1660.972	1658.956	K[14]
K	12	1184.686	1618.961	1602.942	1603.950	1601.935	K[13]
G	13	1241.707	1446.956	1432.937	1433.945	1431.929	G[12]
G	14	1298.729	1391.934	1375.915	1376.923	1374.908	G[11]
A	15	1369.766	1334.912	1318.894	1319.902	1317.886	A[10]
R	16	1539.871	1283.896	1247.877	1248.765	1246.749	R[9]
R	17	1695.973	1093.870	1077.851	1078.659	1076.644	R[8]
H	18	1833.031	937.569	921.550	922.558	920.542	H[7]
R	19	1989.133	900.510	784.491	785.499	783.484	R[6]
K	20	2131.243	644.409	628.390	629.398	627.382	K[5]
V	21	2230.312	502.298	486.280	487.287	485.272	V[4]
L	22	2343.396	403.230	387.211	388.219	386.203	L[3]
R	23	2499.497	290.146	274.127	-75.135	273.110	R[2]
D	24	2614.524	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} 42.01 **GGAK**^{Acetyl} 42.01 **RHRK**^{Methyl} 14.02 **VLRD**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=86.33
- ▶ F112760.dat
- ▶ query=q48414.p1
- ▶ precursor=654.632530
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1308.257	1300.268	0.504	1299.746	S[24]
G[2]	102.553	1243.736	1235.727	0.504	1235.231	G[23]
R[3]	180.603	1215.225	1207.216	1207.720	1206.712	R[22]
G[4]	259.114	1137.375	1129.166	1119.669	1119.666	G[21]
K[5]	273.153	1108.664	1100.655	1101.159	1100.151	K[20]
G[6]	303.672	1044.617	1036.607	1037.111	1036.103	G[19]
G[7]	330.163	1016.106	1008.097	1008.601	1007.593	G[18]
K[8]	394.210	987.595	979.586	980.090	979.082	K[17]
G[9]	422.741	929.545	915.538	916.042	915.034	G[16]
L[10]	479.263	895.037	887.028	887.532	886.524	L[15]
G[11]	507.794	836.465	830.456	830.960	829.962	G[14]
K[12]	502.847	809.984	801.975	802.479	801.471	K[13]
G[13]	621.357	724.931	716.922	717.426	716.418	G[12]
G[14]	649.868	696.421	688.411	688.915	687.907	G[11]
A[15]	685.389	659.910	657.901	660.905	659.397	A[10]
R[16]	770.439	632.991	624.982	624.886	623.878	R[9]
R[17]	848.490	547.339	539.330	539.833	538.825	R[6]
H[18]	917.019	469.288	461.279	461.783	460.775	H[7]
R[19]	995.070	400.759	392.750	393.253	392.245	R[6]
K[20]	1069.125	322.708	314.699	315.203	314.195	K[5]
V[21]	1115.659	253.653	245.643	246.147	245.140	V[4]
L[22]	1172.201	202.119	194.109	194.613	193.605	L[3]
R[23]	1250.252	145.577	137.567	138.071	137.063	R[2]
D[24]	1307.705	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

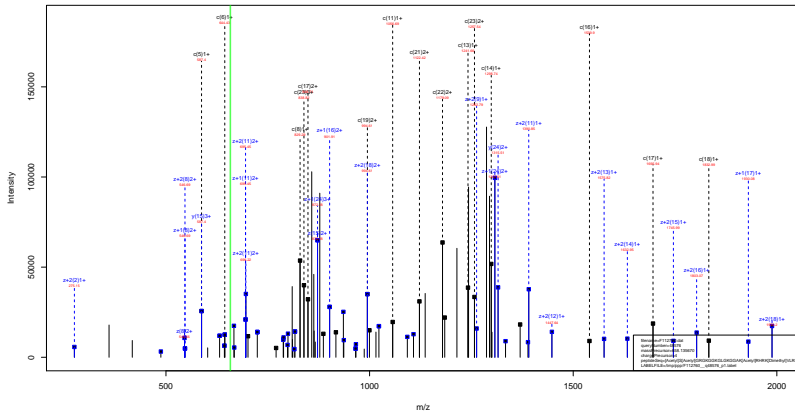
[Acetyl]SGRGKGGKGLGK^{Acetyl}42.01 GGAK^{Acetyl}42.01 RHRK^{Methyl}14.02 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=86.33
- ▶ F112760.dat
- ▶ query=q48414.p1
- ▶ precursor=654.632530
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	872.507	867.168	0.672	866.832	S[24]
G[2]	58.704	829.493	824.154	0.672	823.818	G[23]
R[3]	120.738	810.480	805.146	805.482	804.811	R[22]
G[4]	139.745	758.452	753.113	753.449	752.777	G[21]
K[5]	182.443	739.445	734.106	734.442	733.770	K[20]
G[6]	201.450	696.747	691.407	691.743	691.071	G[19]
G[7]	220.458	677.740	672.400	672.736	672.064	G[18]
K[8]	263.156	658.733	653.393	653.729	653.057	K[17]
G[9]	282.163	639.726	634.386	634.721	634.050	G[16]
L[10]	319.858	597.027	591.687	592.023	591.351	L[15]
G[11]	338.865	559.132	553.791	554.129	553.457	G[14]
K[12]	395.567	540.125	534.785	535.122	534.450	K[13]
G[13]	414.574	483.623	478.284	478.620	477.948	G[12]
G[14]	433.581	464.616	459.277	459.613	458.941	G[11]
A[15]	457.260	445.609	440.270	440.605	439.934	A[10]
K[16]	513.962	421.930	416.590	416.926	416.255	K[9]
R[17]	565.996	365.220	359.889	360.225	359.553	R[8]
H[18]	611.682	313.195	307.855	308.191	307.519	H[7]
R[19]	663.716	297.508	292.169	292.505	291.833	R[6]
K[20]	711.088	215.475	210.135	210.471	209.799	K[5]
V[21]	764.109	168.104	162.765	163.101	162.429	V[4]
L[22]	781.803	135.082	129.742	130.078	129.406	L[3]
R[23]	833.837	97.387	92.047	92.383	91.711	R[2]
D[24]	872.179	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S_{42.01} GRGKGGKGLGKGGAK Acetyl_{42.01} RHRK Dimethyl_{28.03} VLRD



sp | P62806 | H4_MOUSE

[Acetyl]S_{42.01} GRGKGGKGLGKGGAK Acetyl_{42.01} RHRK Dimethyl_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=104.34
- ▶ F112760.dat
- ▶ query=q48576_p1
- ▶ precursor=658.135670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	189.067	2029.923	2013.505	0.000	2012.497	S[24]
G	2	246.108	2438.470	2442.451	0.000	2441.444	G[23]
R	3	402.210	2401.449	2385.430	2386.438	2384.422	R[22]
G	4	459.251	2048.349	2229.329	2230.337	2229.321	G[21]
K	5	587.326	2188.325	2172.307	2173.315	2171.300	K[20]
G	6	644.347	2060.211	2044.212	2045.220	2043.205	G[19]
G	7	701.369	2003.210	1987.191	1988.199	1986.181	G[18]
K	8	829.464	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	886.485	1818.093	1802.075	1803.082	1801.066	G[16]
L	10	955.569	1763.072	1746.953	1748.061	1744.940	L[15]
G	11	1056.591	1647.988	1631.969	1632.977	1630.961	G[14]
K	12	1184.686	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1367.766	1348.829	1332.810	1333.818	1331.800	A[10]
R	16	1539.871	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1695.973	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1833.031	951.585	935.566	936.574	934.558	H[7]
R	19	1989.131	814.526	798.507	799.515	797.499	R[6]
K	20	2145.259	658.425	642.406	643.414	641.398	K[5]
V	21	2244.327	592.299	486.280	487.287	485.271	V[4]
L	22	2357.411	463.230	387.211	488.219	386.203	L[3]
R	23	2513.512	290.146	274.127	275.135	273.119	R[2]
D	24	2628.519	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S_{42.01} GRGKGGKGLGKGGAK Acetyl_{42.01} RHRK Dimethyl_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=104.34
- ▶ F112760.dat
- ▶ query=q48576_p1
- ▶ precursor=658.135670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	95.047	1315.265	1307.256	0.504	1306.752	S[24]
G	2	123.558	1229.739	1221.729	0.504	1221.225	G[23]
R	3	201.808	1201.226	1193.219	1.003.723	1192.715	R[22]
G	4	230.319	1223.177	1115.368	1.115.672	1114.666	G[21]
K	5	294.167	1094.067	1086.057	1.087.161	1085.153	K[20]
G	6	352.877	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	351.188	1002.108	994.099	994.603	993.599	G[18]
K	8	415.236	873.599	965.588	966.092	965.084	K[17]
G	9	443.746	909.550	901.541	902.045	901.037	G[16]
L	10	509.288	881.040	873.033	873.534	872.526	L[15]
G	11	528.799	824.498	816.488	816.992	815.984	G[14]
K	12	592.947	795.987	787.977	788.481	787.474	K[13]
G	13	621.357	731.939	723.930	724.434	723.426	G[12]
G	14	649.868	703.429	695.419	695.923	694.915	G[11]
A	15	687.367	674.918	666.908	667.412	666.404	A[10]
R	16	770.439	639.399	631.390	631.894	630.886	R[9]
R	17	848.490	554.341	546.337	546.841	545.833	R[8]
H	18	917.019	476.206	468.207	468.701	467.783	H[7]
R	19	995.070	407.767	399.757	400.261	399.253	R[6]
K	20	1073.133	329.716	321.707	322.211	321.203	K[5]
V	21	1122.867	251.663	243.653	244.147	243.140	V[4]
L	22	1178.799	202.119	194.108	194.613	193.605	L[3]
R	23	1257.260	145.577	137.567	138.071	137.063	R[2]
D	24	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S_{42.01} GRGKGGKGLGKGGAK_{42.01} RHRK_{28.03} [Dimethyl]VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=104.34
- ▶ F112760.dat
- ▶ query=q48576.p1
- ▶ precursor=658.135670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	63.701	877.179	871.840	0.672	871.904	S[24]
G[2]	92.708	920.162	814.822	0.672	814.486	G[23]
R[3]	134.741	801.154	795.815	796.151	795.479	R[22]
G[4]	153.749	749.121	743.781	744.117	743.445	G[21]
K[5]	196.447	730.114	724.774	725.110	724.438	K[20]
G[6]	215.454	687.415	682.076	682.412	681.740	G[19]
G[7]	234.461	668.408	663.069	663.404	662.733	G[18]
K[8]	277.159	649.401	644.061	644.397	643.725	K[17]
G[9]	296.167	630.793	602.363	603.699	601.047	G[16]
L[10]	313.681	587.695	582.356	582.692	582.020	L[15]
G[11]	352.868	530.001	544.661	544.997	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]
R[17]	565.996	369.900	364.561	364.896	364.225	R[8]
H[18]	611.682	317.896	312.527	312.863	312.191	H[7]
R[19]	663.716	272.180	266.941	267.176	266.505	R[6]
K[20]	715.758	220.140	214.807	215.143	214.471	K[5]
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=113.39
- ▶ F112760.dat
- ▶ query=q48966.p1
- ▶ precursor=532.310040
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2057.518	2041.500	0.000	2040.492	S[24]
G[2]	224.298	2528.476	2512.457	0.000	2511.449	G[23]
T[3]	300.199	2972.454	2956.435	2056.443	2054.425	T[22]
G[4]	417.220	2315.353	2299.334	2300.342	2298.327	G[21]
K[5]	545.115	2258.332	2242.313	2243.321	2241.305	K[20]
G[6]	602.337	2130.237	2114.218	2115.226	2113.210	G[19]
G[7]	659.358	2073.215	2057.196	2058.204	2056.189	G[18]
K[8]	829.464	2016.194	2000.175	2001.183	1999.167	K[17]
G[9]	886.485	1946.088	1930.069	1931.077	1929.062	G[16]
L[10]	959.549	1789.067	1773.048	1774.056	1772.041	L[15]
G[11]	1056.591	1675.983	1659.964	1660.972	1658.956	G[14]
K[12]	1226.696	1618.961	1602.942	1603.950	1601.935	K[13]
G[13]	1283.718	1448.856	1432.837	1433.845	1431.829	G[12]
G[14]	1340.739	1391.834	1375.816	1376.823	1374.808	G[11]
A[15]	1411.776	1334.813	1318.794	1319.802	1317.786	A[10]
K[16]	1501.862	1283.776	1267.757	1268.765	1266.749	K[9]
R[17]	1737.983	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1875.042	937.565	921.550	922.558	920.542	H[7]
R[19]	2031.143	800.510	784.491	785.499	783.484	R[6]
K[20]	2173.254	644.405	628.390	629.398	627.382	K[5]
V[21]	2272.322	502.298	486.280	487.287	485.272	V[4]
L[22]	2385.406	403.236	387.211	388.219	386.203	L[3]
D[23]	2541.507	290.140	274.127	275.135	273.119	D[2]
D[24]	2656.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=113.39
- ▶ F112760.dat
- ▶ query=q48966_p1
- ▶ precursor=532.310040
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1129.263	1121.263	0.504	1120.740	S[24]
G[2]	102.553	1264.741	1256.732	0.504	1256.228	G[23]
R[3]	180.603	1236.231	1228.231	1228.725	1227.717	R[22]
G[4]	209.114	1158.189	1158.171	1158.975	1149.666	G[21]
K[5]	273.163	1129.669	1121.660	1122.164	1121.155	K[20]
G[6]	301.672	1065.622	1057.613	1058.117	1057.109	G[19]
G[7]	330.183	1037.111	1029.102	1029.606	1028.599	G[18]
K[8]	415.236	1038.601	1000.591	1001.095	1000.087	K[17]
G[9]	443.746	921.548	915.538	916.042	915.034	G[16]
L[10]	509.288	899.037	887.029	887.533	886.524	L[15]
G[11]	528.799	838.495	830.486	830.990	829.982	G[14]
K[12]	613.852	809.984	801.975	802.479	801.471	K[13]
G[13]	642.363	724.931	716.922	717.426	716.418	G[12]
G[14]	670.873	696.421	688.411	688.915	687.907	G[11]
A[15]	708.382	689.910	655.901	660.405	659.397	A[10]
R[16]	791.445	632.391	624.382	624.886	623.877	R[9]
R[17]	869.495	547.339	539.329	539.833	538.825	R[8]
H[18]	938.025	469.288	461.279	461.783	460.775	H[7]
R[19]	1016.075	400.759	392.749	393.253	392.245	R[6]
K[20]	1087.130	322.708	314.699	315.203	314.195	K[5]
V[21]	1138.665	253.653	245.643	246.147	245.140	V[4]
L[22]	1193.207	202.119	194.109	194.613	193.605	L[3]
R[23]	1271.257	145.577	137.567	138.071	137.063	R[2]
D[24]	1328.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRLD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=113.39
- ▶ F112760.dat
- ▶ query=q48966.p1
- ▶ precursor=532.310040
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	886.511	881.171	0.672	880.835	S[24]
G[2]	58.704	843.497	838.157	0.672	837.821	G[23]
R[3]	120.738	824.460	819.150	819.486	818.814	R[22]
G[4]	139.745	772.456	767.116	767.452	766.780	G[21]
K[5]	182.443	793.449	748.109	748.445	747.773	K[20]
G[6]	201.450	710.750	705.411	705.747	705.075	G[19]
G[7]	220.458	691.743	686.404	686.740	686.068	G[18]
K[8]	277.159	672.736	667.397	667.732	667.061	K[17]
G[9]	296.167	616.034	616.695	611.031	610.399	G[16]
L[10]	313.681	597.027	591.668	592.023	591.362	L[15]
G[11]	352.868	559.132	553.993	554.329	553.657	G[14]
K[12]	409.570	540.325	534.988	535.322	534.650	K[13]
G[13]	428.577	483.623	478.284	478.620	477.948	G[12]
G[14]	447.585	464.616	459.277	459.613	458.941	G[11]
A[15]	471.264	445.609	440.270	440.605	439.934	A[10]
K[16]	527.966	421.930	416.590	416.926	416.255	K[9]
R[17]	579.999	365.226	359.869	360.225	359.553	R[8]
H[18]	625.686	313.195	307.855	308.191	307.519	H[7]
R[19]	677.719	297.508	292.169	292.505	291.833	R[6]
K[20]	725.089	215.475	210.135	210.471	209.799	K[5]
V[21]	758.112	168.104	162.765	163.101	162.429	V[4]
L[22]	795.807	135.082	129.742	130.078	129.406	L[3]
R[23]	847.841	97.387	92.047	92.383	91.711	R[2]
D[24]	886.183	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=113.39
- ▶ F112760.dat
- ▶ query=q48966.p1
- ▶ precursor=532.310040
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	665.135	663.130	0.755	660.878	S[24]
G[2]	51.780	532.874	626.870	0.755	626.618	G[23]
R[3]	90.805	618.619	614.614	614.866	614.362	R[22]
G[4]	105.061	579.594	575.589	575.841	575.337	G[21]
K[5]	137.084	565.338	561.334	561.586	561.082	K[20]
G[6]	151.340	533.315	529.310	529.562	529.058	G[19]
G[7]	165.595	519.059	515.055	515.307	514.803	G[18]
K[8]	208.121	504.804	500.799	501.051	500.547	K[17]
G[9]	222.377	492.278	488.273	488.525	488.021	G[16]
L[10]	250.048	448.022	444.017	444.269	443.766	L[15]
G[11]	264.303	419.751	415.746	415.998	415.494	G[14]
K[12]	307.430	405.496	401.491	401.743	401.239	K[13]
G[13]	321.685	362.969	358.965	359.217	358.713	G[12]
G[14]	335.940	348.714	344.709	344.961	344.457	G[11]
A[15]	353.700	334.459	330.454	330.706	330.202	A[10]
K[16]	396.226	316.699	312.695	312.947	312.443	K[9]
R[17]	435.251	274.173	270.168	270.420	269.916	R[8]
H[18]	469.516	235.148	231.143	231.395	230.891	H[7]
R[19]	503.541	200.883	196.878	197.130	196.626	R[6]
K[20]	544.069	161.858	157.853	158.105	157.601	K[5]
V[21]	568.836	126.330	122.325	122.577	122.073	V[4]
L[22]	597.107	101.563	97.558	97.810	97.306	L[3]
R[23]	636.132	73.292	69.287	69.539	69.035	R[2]
D[24]	664.889	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=86.58
- ▶ F112760.dat
- ▶ query=q49257_p1
- ▶ precursor=675.638920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2699.529	2683.510	0.000	2682.502	S[24]
G[2]	204.098	2570.488	2554.468	0.000	2553.460	G[23]
R[3]	358.199	2513.465	2497.445	2498.454	2496.438	R[22]
G[4]	417.220	2357.904	2341.883	2342.953	2340.337	G[21]
K[5]	587.326	2300.342	2284.333	2285.331	2283.318	K[20]
G[6]	644.347	2130.237	2114.218	2115.226	2113.210	G[19]
G[7]	701.369	2073.215	2057.196	2058.204	2056.189	G[18]
K[8]	871.474	2016.194	2000.175	2001.183	1999.167	K[17]
G[9]	928.496	1848.088	1830.069	1831.077	1829.062	G[16]
L[10]	1041.580	1789.067	1773.048	1774.056	1772.040	L[15]
G[11]	1098.601	1675.983	1659.964	1660.972	1658.956	G[14]
K[12]	1268.707	1618.961	1602.942	1603.950	1601.935	K[13]
G[13]	1325.728	1448.956	1432.937	1433.945	1431.929	G[12]
G[14]	1382.750	1391.834	1375.815	1376.823	1374.808	G[11]
A[15]	1453.787	1334.812	1318.794	1319.802	1317.786	A[10]
R[16]	1603.893	1283.796	1267.777	1268.765	1266.749	R[9]
R[17]	1779.994	1093.670	1077.651	1078.659	1076.644	R[8]
H[18]	1917.053	937.569	921.550	922.558	920.542	H[7]
R[19]	2073.194	800.510	784.491	785.499	783.484	R[6]
K[20]	2215.264	644.409	628.390	629.398	627.382	K[5]
V[21]	2314.333	502.298	486.280	487.287	485.272	V[4]
L[22]	2427.817	403.230	387.211	388.219	386.203	L[3]
R[23]	2583.518	298.146	274.127	275.135	273.119	R[2]
D[24]	2698.545	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{42.01}^{Acetyl} GGK_{42.01}^{Acetyl} GLGK_{42.01}^{Acetyl} GGAK_{42.01}^{Acetyl} RHRK_{14.02}^{Methyl} VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=86.58
- ▶ F112760.dat
- ▶ query=q49257_p1
- ▶ precursor=675.638920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1350.268	1342.259	0.504	1341.755	S[24]
G[2]	102.553	1285.747	1277.737	0.504	1277.233	G[23]
R[3]	180.603	1257.236	1249.227	1249.731	1248.723	R[22]
G[4]	209.114	1179.885	1171.176	1171.680	1170.677	G[21]
K[5]	294.167	1150.675	1142.665	1143.169	1142.161	K[20]
G[6]	322.677	1065.623	1057.613	1058.117	1057.109	G[19]
G[7]	351.188	1037.111	1029.102	1029.606	1028.598	G[18]
K[8]	435.241	1008.601	1000.591	1001.095	1000.087	K[17]
G[9]	464.752	923.549	915.538	916.042	915.034	G[16]
L[10]	511.294	895.037	887.028	887.532	886.524	L[15]
Q[11]	549.804	838.065	830.486	830.990	829.982	Q[14]
K[12]	634.857	809.984	801.975	802.479	801.471	K[13]
G[13]	663.368	724.931	716.922	717.426	716.418	G[12]
G[14]	691.879	696.421	688.411	688.915	687.907	G[11]
A[15]	727.391	667.910	659.901	660.405	659.397	A[10]
R[16]	812.450	632.901	624.887	624.886	623.879	R[9]
R[17]	890.500	547.139	539.129	539.833	538.825	R[8]
H[18]	959.030	469.288	461.279	461.783	460.775	H[7]
R[19]	1037.680	400.759	392.749	393.253	392.245	R[6]
K[20]	1108.136	322.708	314.699	315.203	314.195	K[5]
V[21]	1157.670	251.693	243.683	244.187	243.180	V[4]
L[22]	1214.212	202.119	194.109	194.613	193.605	L[3]
R[23]	1292.263	145.577	137.567	138.071	137.063	R[2]
D[24]	1349.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

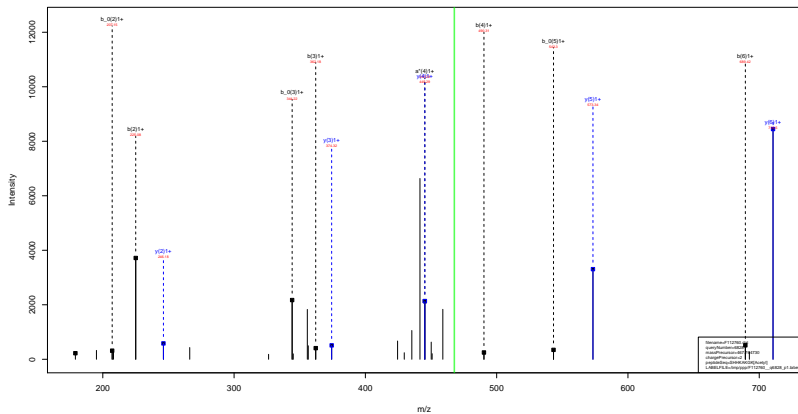
[Acetyl]SGRAcetyl
42.01GGKAcetyl
42.01GLGKAcetyl
42.01GGAKAcetyl
42.01RHRKMethyl
14.02VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=86.58
- ▶ F112760.dat
- ▶ query=q49257.p1
- ▶ precursor=675.638920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	900.514	895.175	0.572	594.839	S[24]
G[2]	58.704	857.502	852.151	0.572	851.825	G[23]
R[3]	120.738	838.493	833.154	833.489	832.818	R[22]
G[4]	139.745	786.459	781.120	781.456	780.784	G[21]
K[5]	196.447	767.452	762.113	762.449	761.777	K[20]
G[6]	215.454	710.750	705.411	705.747	705.075	G[19]
G[7]	234.461	691.743	686.404	686.740	686.068	G[18]
K[8]	291.163	672.736	667.397	667.732	667.061	K[17]
G[9]	310.170	616.034	610.695	611.031	610.359	G[16]
L[10]	347.895	597.027	591.688	592.023	591.352	L[15]
G[11]	366.872	559.332	553.993	554.329	553.657	G[14]
K[12]	423.574	540.325	534.986	535.322	534.650	K[13]
G[13]	442.581	483.623	478.284	478.620	477.948	G[12]
G[14]	461.588	464.616	459.277	459.613	458.941	G[11]
A[15]	485.267	445.609	440.270	440.605	439.934	A[10]
K[16]	541.969	421.930	416.590	416.926	416.255	K[9]
R[17]	594.003	365.228	359.889	360.225	359.553	R[8]
H[18]	639.689	313.195	307.855	308.191	307.519	H[7]
R[19]	691.723	267.508	262.169	262.505	261.833	R[6]
K[20]	739.093	215.475	210.135	210.471	209.799	K[5]
V[21]	772.116	168.194	162.855	163.191	162.519	V[4]
L[22]	820.810	135.082	129.742	130.078	129.406	L[3]
R[23]	861.844	97.387	92.047	92.383	91.711	R[2]
D[24]	900.186	45.353	40.014	40.349	39.678	D[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK Acetyl
42.01



sp | P22752 | H2A1_MOUSE

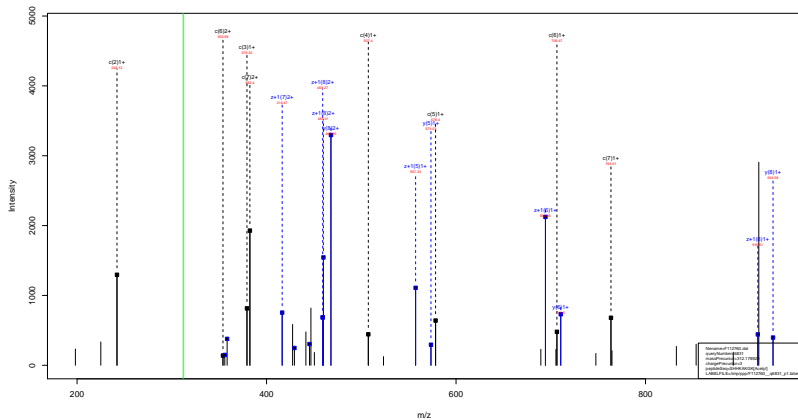
SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.68
- ▶ F112760.dat
- ▶ query=q6828.p1
- ▶ precursor=467.764730
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA
S 1	101.044	0.000	42.131	66.133	0.000	61.226	334.522	311.493	348.511	S 8
H 2	107.103	0.000	179.063	225.068	0.000	207.068	347.490	330.451	0.000	H 7
H 3	134.162	0.000	116.151	362.157	0.000	344.147	710.431	693.404	0.000	H 6
K 4	402.257	445.231	444.250	490.252	473.226	472.242	573.372	556.345	0.000	K 5
A 5	331.244	316.258	315.261	365.267	344.261	343.270	445.277	428.250	0.000	A 4
T 6	663.309	644.311	643.313	649.384	672.366	671.374	374.240	357.213	0.000	T 3
G 7	718.411	701.404	700.400	746.405	729.379	728.395	246.145	229.118	0.000	G 2
K 8	488.516	471.469	470.509	518.511	499.485	498.501	189.123	172.099	0.000	K 1

sp | P22752 | H2A1_MOUSE

SHHKAKGK Acetyl
42.01



sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.21
- ▶ F112760.dat
- ▶ query=q6831_p1
- ▶ precursor=312.178920
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	934.522	916.503	0.000	917.495	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
K[6]	706.411	374.340	358.221	359.229	357.213	K[3]
G[7]	763.432	246.143	230.126	231.134	229.118	G[2]
K[8]	933.538	189.123	173.105	174.112	172.097	K[1]

sp | P22752 | H2A1_MOUSE

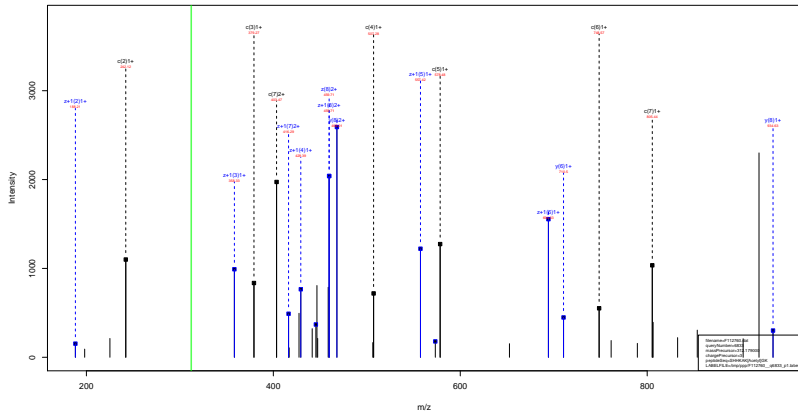
SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.21
- ▶ F112760.dat
- ▶ query=q6831_p1
- ▶ precursor=312.178920
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	93.037	467.765	459.755	0.504	459.251	S[8]
H[2]	121.566	424.248	416.239	0.504	415.735	H[7]
H[3]	190.095	355.719	347.710	0.504	347.206	H[6]
K[4]	254.143	287.190	279.180	279.684	278.676	K[5]
A[5]	289.662	223.142	215.133	215.637	214.629	A[4]
K[6]	353.709	187.624	179.614	180.118	179.110	K[3]
G[7]	382.220	123.576	115.567	116.071	115.063	G[2]
K[8]	467.272	95.065	87.056	87.560	86.552	K[1]

sp | P22752 | H2A1_MOUSE

SHHKAK Acetyl GK
42.01



sp | P22752 | H2A1_MOUSE

SHHKAK^{Acetyl} GK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.10
- ▶ F112760.dat
- ▶ query=q6833.p1
- ▶ precursor=312.179000
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	934.522	918.503	0.000	917.495	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
K[6]	748.421	374.240	358.221	359.229	357.213	K[3]
G[7]	805.443	204.134	188.116	189.123	187.108	G[2]
K[8]	933.538	147.113	131.094	132.102	130.086	K[1]

sp | P22752 | H2A1_MOUSE

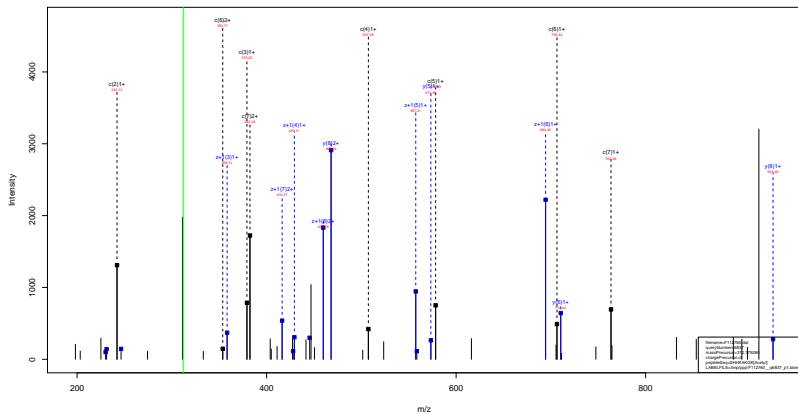
SHHKAK^{Acetyl} GK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.10
- ▶ F112760.dat
- ▶ query=q6833.p1
- ▶ precursor=312.179000
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	93.037	467.765	459.755	0.504	459.251	S[8]
H[2]	121.566	424.248	416.239	0.504	415.735	H[7]
H[3]	190.095	355.719	347.710	0.504	347.206	H[6]
K[4]	254.143	287.190	279.180	279.684	278.676	K[5]
A[5]	289.662	223.142	215.133	215.637	214.629	A[4]
K[6]	374.714	187.624	179.614	190.118	179.110	K[3]
G[7]	403.225	102.571	94.561	95.065	94.057	G[2]
K[8]	467.272	74.060	66.051	66.555	65.547	K[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK Acetyl
42.01



sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.09
- ▶ F112760.dat
- ▶ query=q6837.p1
- ▶ precursor=312.179280
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	934.522	918.503	0.000	917.400	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
R[6]	706.411	374.240	358.221	359.229	357.213	R[3]
G[7]	763.432	246.145	230.126	231.134	229.118	G[2]
R[8]	933.538	189.123	173.105	174.112	172.097	R[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.09
- ▶ F112760.dat
- ▶ query=q6837_p1
- ▶ precursor=312.179280
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	467.765	459.755	0.504	459.251	S[8]
H[2]	121.566	424.248	416.239	0.504	415.735	H[7]
H[3]	190.095	355.719	347.710	0.504	347.206	H[6]
K[4]	254.143	287.190	279.180	279.684	278.676	K[5]
A[5]	289.662	223.142	215.133	215.637	214.629	A[4]
K[6]	353.709	187.624	179.614	180.118	179.110	K[3]
G[7]	382.220	123.576	115.567	116.071	115.063	G[2]
K[8]	467.272	95.063	87.056	87.560	86.552	K[1]

sp | Q8CGP7 | H2A1K_MOUSE

THHKAK^{Acetyl} GK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.16
- ▶ F112760.dat
- ▶ query=q7417.p1
- ▶ precursor=316.850430
- ▶ chargePrecursor=3
- ▶ itol=0.5

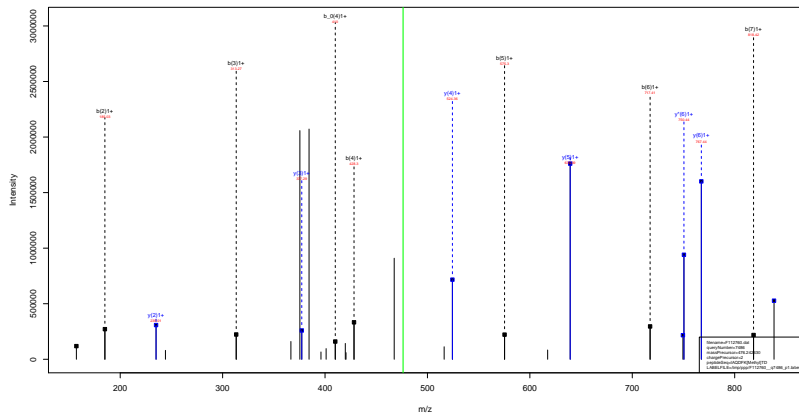
AA	c	y	z+1	z+2	z	AA
T[1]	159.082	948.537	932.519	0.000	931.511	T[8]
H[2]	256.140	847.490	831.471	0.000	830.463	H[7]
H[3]	393.199	710.431	694.412	0.000	693.404	H[6]
K[4]	521.294	573.372	557.353	558.361	556.345	K[5]
A[5]	592.331	445.277	429.258	430.266	428.250	A[4]
R[6]	762.437	374.240	358.221	359.229	357.213	R[3]
G[7]	819.458	204.134	188.116	189.123	187.108	G[2]
R[8]	947.553	147.113	131.094	132.102	130.086	R[1]

sp | Q8CGP7 | H2A1K_MOUSE

THHKAK^{Acetyl} GK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.16
- ▶ F112760.dat
- ▶ query=q7417.p1
- ▶ precursor=316.850430
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
T 1	60.044	474.772	466.763	0.504	466.259	T 8
H 2	128.574	424.248	416.239	0.504	415.735	H 7
H 3	197.103	355.719	347.710	0.504	347.206	H 6
K 4	261.151	287.190	279.180	279.684	278.676	K 5
A 5	298.669	223.142	215.133	215.637	214.629	A 4
K 6	381.722	187.624	179.614	190.118	179.110	K 3
G 7	410.233	102.571	94.561	95.065	94.057	G 2
K 8	474.280	74.060	66.051	66.555	65.547	K 1



sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=60.13
- ▶ F112760.dat
- ▶ query=q7486_p1
- ▶ precursor=476.242630
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	γ	γ*	γ ₀	AA
T 1	88.098	0.000	0.000	114.191	0.000	0.000	0.000	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	0.000	0.000	0.000	A 2
Q 3	285.192	286.186	0.000	313.187	286.186	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	393.193	392.209	426.214	411.197	0.000	410.203	639.298	622.272	D 4
F 5	547.287	540.261	529.271	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	689.356	672.372	671.368	717.363	700.366	699.352	377.303	360.177	359.183	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.446	887.462	913.468	916.441	915.457	138.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

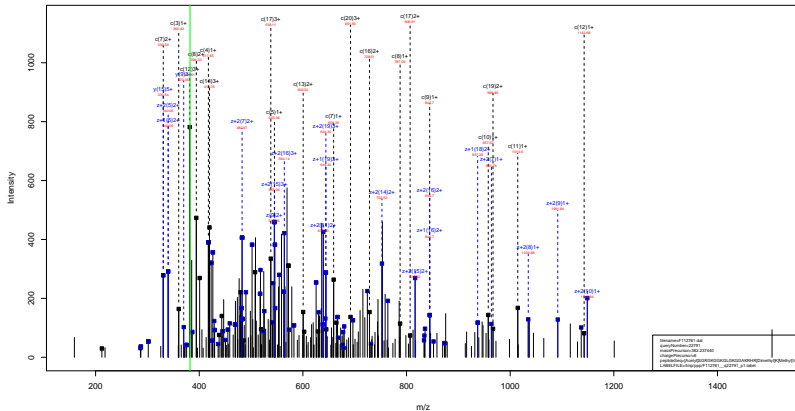
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=35.51
- ▶ F112760.dat
- ▶ query=q7488_p1
- ▶ precursor=476.242700
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
T 1	46.098	0.000	0.000	114.098	0.000	0.000	901.416	109.404	114.098	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.384	821.384	820.384	A 2
Q 3	286.192	286.186	0.000	313.187	296.160	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	362.209	428.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	540.261	529.277	575.282	558.256	557.272	524.271	507.245	496.257	F 5
R 6	689.356	672.332	671.366	717.363	700.369	699.382	377.263	360.177	359.193	R 6
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.449	887.462	933.468	916.441	915.457	134.040	0.000	116.034	G 8

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR Dimethyl K Methyl VL
28.03 14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl}K ^{Methyl}VL
28.03 14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.40
- ▶ F112761.dat
- ▶ query=q22791_p1
- ▶ precursor=382.237440
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2288.390	2272.171	0.000	2271.361	S[2]
G[2]	204.098	2159.347	2143.328	0.000	2142.321	G[2]
R[3]	360.199	2102.326	2086.307	2087.315	2085.299	R[20]
G[4]	417.220	1946.225	1930.206	1931.214	1929.198	G[19]
K[5]	545.315	1839.203	1873.184	1874.192	1872.177	K[18]
G[6]	602.337	1761.108	1745.089	1746.097	1744.082	G[17]
G[7]	659.358	1704.087	1688.068	1689.076	1687.060	G[16]
K[8]	787.453	1647.065	1631.047	1632.054	1630.039	K[15]
G[9]	844.475	1518.970	1502.952	1503.959	1501.944	G[14]
L[10]	957.559	1461.949	1445.930	1446.938	1444.923	L[13]
G[11]	1014.580	1348.865	1332.846	1333.854	1331.838	G[12]
K[12]	1142.675	1291.843	1275.825	1276.832	1274.817	K[11]
G[13]	1199.697	1163.748	1147.730	1148.737	1146.722	G[10]
G[14]	1256.718	1106.727	1090.708	1091.716	1089.701	G[9]
A[15]	1327.755	1049.705	1033.687	1034.695	1032.679	A[8]
K[16]	1455.830	979.668	963.650	963.657	961.642	K[7]
R[17]	1611.951	850.573	834.555	835.562	833.547	R[6]
H[18]	1749.010	694.472	678.454	679.461	677.446	H[5]
R[19]	1933.143	557.413	541.395	542.402	540.387	R[4]
K[20]	2075.253	373.281	387.262	388.270	386.254	K[3]
V[21]	2174.322	238.170	239.159	238.159	234.144	V[2]
L[22]	2287.406	132.102	138.081	137.091	135.075	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR Dimethyl K Methyl VL
28.03 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=38.40
- ▶ F112761.dat
- ▶ query=q22791_p1
- ▶ precursor=382.237440
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1144.099	1136.689	0.504	1136.185	S[2]
G[2]	102.553	1080.177	1072.188	0.504	1071.664	G[3]
R[3]	180.603	1051.667	1043.657	1044.161	1043.153	R[20]
G[4]	209.114	973.616	965.607	966.111	965.103	G[19]
K[5]	273.201	945.105	937.096	937.600	936.592	K[18]
G[6]	301.672	881.058	873.048	873.552	872.544	G[17]
G[7]	330.183	852.547	844.538	845.042	844.034	G[16]
K[8]	364.230	824.036	816.027	816.531	815.523	K[15]
G[9]	422.741	759.989	751.979	752.483	751.476	G[14]
L[10]	479.283	731.478	723.469	723.973	722.965	L[13]
G[11]	507.794	674.936	666.927	667.431	666.423	G[12]
K[12]	571.841	646.425	638.416	638.920	637.912	K[11]
G[13]	600.352	582.378	574.368	574.872	573.865	G[10]
G[14]	628.863	553.867	545.858	546.362	545.354	G[9]
A[15]	664.381	525.356	517.347	517.851	516.843	A[8]
K[16]	728.429	489.838	481.828	482.332	481.325	K[7]
R[17]	806.479	425.790	417.781	418.285	417.277	R[6]
H[18]	875.009	347.740	339.730	340.234	339.226	H[5]
R[19]	967.075	279.210	271.201	271.705	270.697	R[4]
K[20]	1038.130	187.144	179.135	179.639	178.631	K[3]
V[21]	1087.669	116.689	108.079	108.583	107.576	V[2]
L[22]	1144.207	66.355	58.345	58.849	58.341	L[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl}K ^{Methyl}VL
28.03 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=38.40
- ▶ F112761.dat
- ▶ query=q22791_p1
- ▶ precursor=382.237440
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	763.468	758.129	0.672	757.793	S 22
G 2	68.704	720.454	715.114	0.672	714.778	G 21
R 3	120.738	701.447	696.107	696.443	695.771	R 20
G 4	139.745	649.413	644.073	644.409	643.738	G 19
K 5	182.443	630.406	625.066	625.402	624.730	K 18
G 6	201.450	587.708	582.368	582.704	582.032	G 17
G 7	239.456	598.700	583.361	583.697	583.025	G 16
K 8	253.156	549.693	544.354	544.690	544.018	K 15
G 9	282.163	506.995	501.655	501.991	501.319	G 14
L 10	319.858	497.988	482.648	482.984	482.312	L 13
G 11	338.865	450.293	444.954	445.289	444.618	G 12
K 12	381.563	431.286	425.946	426.282	425.610	K 11
G 13	400.570	388.589	383.249	383.584	382.912	G 10
G 14	419.578	369.580	364.241	364.577	363.905	G 9
A 15	443.257	350.573	345.234	345.570	344.898	A 8
K 16	485.955	326.994	321.655	321.991	321.319	K 7
R 17	537.989	294.196	278.857	279.192	278.520	R 6
H 18	553.675	232.162	226.823	227.159	226.487	H 5
R 19	645.052	186.476	181.136	181.472	180.800	R 4
K 20	692.423	125.098	119.759	120.095	119.423	K 3
V 21	725.445	77.728	72.389	72.725	72.053	V 2
L 22	763.140	44.705	39.366	39.702	39.030	L 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl}K ^{Methyl}VL
28.03 14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=38.40
- ▶ F112761.dat
- ▶ query=q22791_p1
- ▶ precursor=382.237440
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.525	572.053	568.849	0.755	568.996	S 22
G 2	51.780	540.592	536.588	0.755	536.336	G 21
R 3	90.605	526.337	522.332	522.584	522.080	R 20
G 4	105.061	487.312	483.307	481.559	483.055	G 19
K 5	137.084	473.056	469.052	469.304	468.800	K 18
G 6	151.340	441.033	437.028	437.280	436.776	G 17
G 7	185.595	426.777	422.772	423.024	422.521	G 16
K 8	197.619	412.522	408.517	408.769	408.265	K 15
G 9	211.874	380.498	376.493	376.745	376.241	G 14
L 10	240.145	366.243	362.238	362.490	361.986	L 13
G 11	254.401	337.072	333.067	334.219	333.715	G 12
K 12	286.424	323.716	319.712	319.964	319.460	K 11
G 13	300.680	291.693	287.688	287.940	287.436	G 10
G 14	314.935	277.437	273.433	273.684	273.181	G 9
A 15	332.694	263.182	259.177	259.429	258.925	A 8
K 16	358.716	249.927	245.923	246.075	245.569	K 7
R 17	401.743	213.399	209.394	209.646	209.142	R 6
H 18	438.008	174.374	170.369	170.621	170.117	H 5
R 19	484.041	140.109	136.104	136.356	135.852	R 4
K 20	519.569	94.076	90.071	90.323	89.819	K 3
V 21	544.336	88.548	84.543	84.795	84.291	V 2
L 22	572.607	33.781	29.776	30.028	29.524	L 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Dimethyl} K ^{Methyl} VL
28.03 14.02

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=38.40
- ▶ F112761.dat
- ▶ query=q22791_p1
- ▶ precursor=382.237440
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	458.484	455.280	0.806	455.078	S[22]
G[2]	41.625	432.675	429.472	0.806	429.270	G[23]
R[3]	72.846	421.271	418.067	418.269	417.866	R[20]
G[4]	84.290	390.051	386.847	387.049	386.645	G[19]
K[5]	109.869	378.646	375.443	375.644	375.241	K[18]
G[6]	121.273	353.027	349.824	350.025	349.622	G[17]
G[7]	132.677	341.623	338.419	338.621	338.218	G[16]
K[8]	158.298	330.219	327.011	327.213	326.814	K[15]
G[9]	169.701	304.603	301.396	301.598	301.195	G[14]
L[10]	192.318	293.196	289.992	290.193	289.990	L[13]
G[11]	203.722	270.579	267.375	267.577	267.173	G[12]
K[12]	229.341	259.174	255.971	256.172	255.769	K[11]
G[13]	240.745	233.555	230.352	230.553	230.150	G[10]
G[14]	252.149	222.151	218.947	219.149	218.746	G[9]
A[15]	266.357	210.747	207.543	207.745	207.342	A[8]
K[16]	291.976	196.539	193.336	193.537	193.134	K[7]
R[17]	323.196	170.920	167.717	167.918	167.515	R[6]
H[18]	350.608	139.703	136.497	136.698	136.295	H[5]
R[19]	387.434	112.288	109.085	109.286	108.883	R[4]
K[20]	415.856	75.462	72.258	72.460	72.057	K[3]
V[21]	435.670	47.040	43.836	44.038	43.635	V[2]
L[22]	458.287	27.226	24.022	24.224	23.821	L[1]

sp | Q8CGP1 | H2B1K_MOUSE

GTKAVTK^{Acetyl}YTSAK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.09
- ▶ F113277.dat
- ▶ query=q14907_p1
- ▶ precursor=432.910320
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G [1]	75.055	1296.716	1280.697	0.000	1279.689	G [12]
T [2]	178.103	1230.695	1223.678	0.000	1222.660	T [11]
K [3]	304.198	1138.641	1122.628	1123.636	1121.620	K [10]
A [4]	378.235	1010.552	994.533	995.541	991.525	A [9]
V [5]	474.303	939.515	923.496	924.504	922.488	V [8]
Y [6]	575.351	840.446	824.427	825.435	823.420	Y [7]
K [7]	745.457	739.388	723.380	724.388	722.372	K [6]
V [8]	908.520	569.293	553.274	554.282	552.266	V [5]
Y [9]	1009.568	469.239	390.211	391.219	389.203	Y [4]
S [10]	1096.600	305.182	289.163	290.171	288.155	S [3]
A [11]	1167.637	218.150	202.131	203.139	201.123	A [2]
R [12]	1295.732	147.113	131.094	132.102	130.086	R [1]

sp | Q8CGP1 | H2B1K_MOUSE

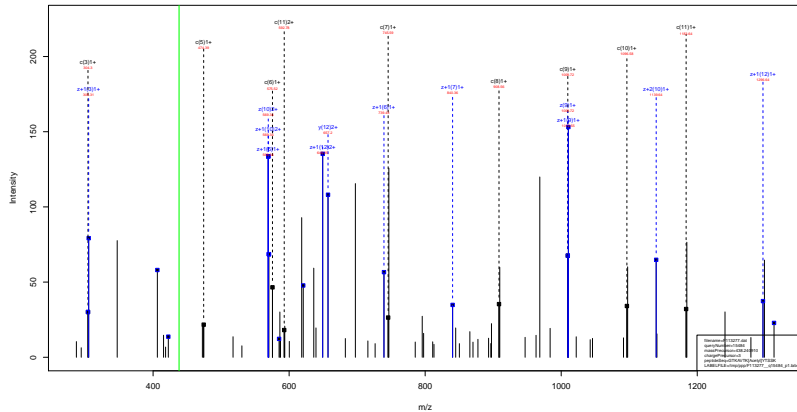
GTKAVTK^{Acetyl}Y TSAK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.09
- ▶ F113277.dat
- ▶ query=q14907_p1
- ▶ precursor=432.910320
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G[1]	86.031	648.862	640.852	0.504	640.348	G[12]
T[2]	88.555	620.351	612.341	0.504	611.838	T[11]
K[3]	152.603	569.827	561.818	562.322	561.314	K[10]
A[4]	188.121	505.779	497.770	498.274	497.266	A[9]
V[5]	237.695	470.261	462.250	462.755	461.748	V[8]
T[6]	288.179	420.727	412.717	413.221	412.213	T[7]
K[7]	373.232	370.203	362.194	362.697	361.690	K[6]
V[8]	454.764	385.150	277.141	277.645	276.637	V[5]
T[9]	305.287	301.618	305.609	306.113	305.105	T[4]
S[10]	648.803	153.995	145.085	145.589	144.581	S[3]
A[11]	584.322	109.570	101.560	102.073	101.065	A[2]
R[12]	648.370	74.060	66.051	66.555	65.547	R[1]

sp | P70696 | H2B1A_MOUSE

GTKAVTK ^{Acetyl} YTSSK
42.01



sp | P70696 | H2B1A_MOUSE

GTKAVTK^{Acetyl}YTSSK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.42
- ▶ F113277.dat
- ▶ query=q15484_p1
- ▶ precursor=438.240910
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	1312.711	1296.692	0.000	1295.681	G[12]
T[2]	119.183	1255.889	1239.671	0.000	1238.663	T[11]
R[3]	304.198	1154.642	1138.623	1119.631	1117.615	R[10]
A[4]	375.235	1026.547	1010.528	1011.536	1009.520	A[9]
V[5]	474.303	935.509	939.491	940.499	938.483	V[8]
T[6]	575.351	856.441	840.422	841.430	839.415	T[7]
K[7]	745.457	755.392	739.375	740.382	738.367	K[6]
V[8]	908.520	585.288	569.269	570.277	569.261	V[5]
T[9]	1009.508	422.225	406.206	407.214	405.198	T[4]
S[10]	1096.600	321.177	305.158	306.166	304.150	S[3]
S[11]	1183.632	234.145	218.126	219.134	217.116	S[2]
R[12]	1311.727	147.113	131.094	132.102	130.086	R[1]

sp | P70696 | H2B1A_MOUSE

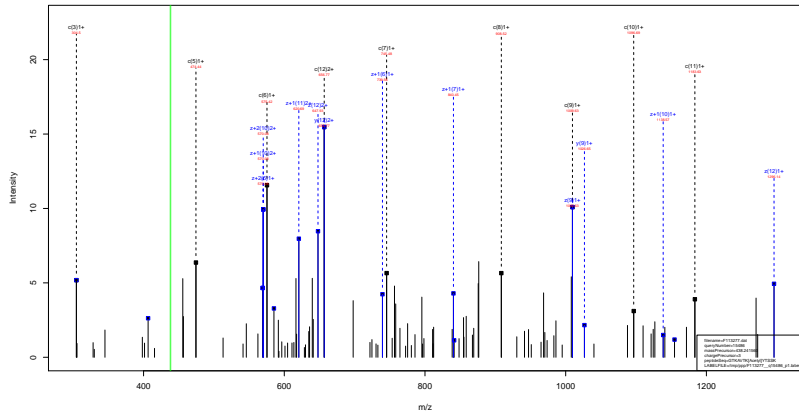
GTKAVTK ^{Acetyl}YTSSK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.42
- ▶ F113277.dat
- ▶ query=q15484_p1
- ▶ precursor=438.240910
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
C [1]	38.031	656.859	648.850	0.504	648.346	C[12]
T [2]	58.555	628.345	620.339	0.504	619.835	T[11]
K [3]	152.603	577.824	569.815	570.319	569.311	K[10]
A [4]	188.121	513.777	505.768	506.271	505.264	A[9]
V [5]	237.695	478.258	470.249	470.753	469.745	V[8]
T [6]	288.179	428.724	420.715	421.219	420.211	T[7]
K [7]	373.232	378.200	370.191	370.695	369.687	K[6]
V [8]	454.764	293.148	285.138	285.642	284.634	V[5]
T [9]	505.297	211.616	203.607	204.110	203.103	T[4]
S [10]	549.803	181.062	173.053	173.557	172.550	S[3]
S [11]	592.320	117.576	109.567	110.071	109.063	S[2]
K [12]	656.367	74.060	66.051	66.555	65.547	K[1]

sp | P70696 | H2B1A_MOUSE

GTKAVTK ^{Acetyl} YTSSK
42.01



sp | P70696 | H2B1A_MOUSE

GTKAVTK^{Acetyl}YTSSK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.68
- ▶ F113277.dat
- ▶ query=q15486.p1
- ▶ precursor=438.241560
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G [1]	75.055	1312.711	1296.692	0.000	1295.684	G [12]
T [2]	119.103	1175.692	1159.674	0.000	1158.663	T [11]
K [3]	304.198	1154.642	1138.623	1139.611	1137.613	K [10]
A [4]	378.235	1026.547	1010.528	1011.536	1009.520	A [9]
V [5]	474.303	955.509	939.491	940.499	938.483	V [8]
T [6]	575.351	856.441	840.422	841.430	839.415	T [7]
K [7]	745.457	755.393	739.375	740.382	738.367	K [6]
V [8]	908.520	585.268	569.259	570.277	568.261	V [5]
T [9]	1009.568	422.225	406.206	407.214	405.199	T [4]
S [10]	1096.600	321.177	305.158	306.166	304.150	S [3]
S [11]	1183.632	234.145	218.126	219.134	217.118	S [2]
R [12]	1311.727	147.113	131.094	132.102	130.086	R [1]

sp | P70696 | H2B1A_MOUSE

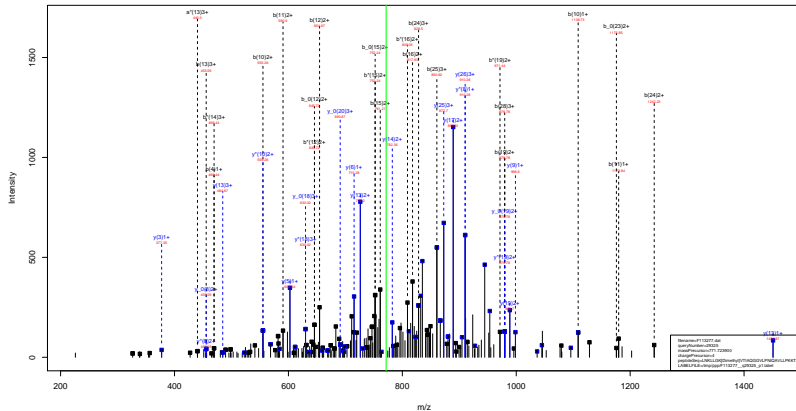
GTKAVTK ^{Acetyl} YTSSK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=55.68
- ▶ F113277.dat
- ▶ query=q15486.p1
- ▶ precursor=438.241560
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G [1]	38.031	656.859	648.859	0.504	648.346	G [2]
T [2]	58.555	628.345	620.339	0.504	619.835	T [1]
K [3]	152.603	577.824	569.815	570.319	569.311	K [10]
A [4]	188.121	513.777	505.768	506.271	505.264	A [9]
V [5]	237.695	478.258	470.249	470.753	469.745	V [8]
T [6]	288.179	428.724	420.715	421.219	420.211	T [7]
K [7]	373.232	378.200	370.191	370.695	369.687	K [6]
V [8]	454.764	293.148	285.138	285.642	284.634	V [5]
T [9]	505.287	211.616	203.607	204.110	203.103	T [4]
S [10]	548.803	181.962	173.953	174.457	173.450	S [3]
S [11]	592.320	117.576	109.567	110.071	109.063	S [2]
K [12]	656.367	74.060	66.051	66.555	65.547	K [1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=78.80
- ▶ F113277.dat
- ▶ query=q29325_p1
- ▶ precursor=771.723900
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
L1	380.080	0.000	0.000	114.080	0.000	0.000	368.000	0.000	0.000	L20	
R1	397.100	183.111	0.000	214.000	0.000	0.000	183.111	0.000	0.000	R20	
R2	338.254	331.200	0.000	356.229	338.203	0.000	388.765	2639.738	2638.784	R22	
L4	341.133	454.200	0.000	468.313	452.287	0.000	2726.870	2711.043	2710.039	L26	
L5	334.410	331.200	0.000	352.307	338.211	0.000	3435.500	3438.300	3439.700	L28	
Q1	811.424	384.310	0.000	630.419	320.300	0.000	2422.520	2488.475	2484.461	Q24	
R7	337.070	750.524	0.000	795.345	0.000	0.000	3445.481	2428.454	2427.410	R23	
V1	866.619	849.592	0.000	894.613	877.587	0.000	2280.280	2272.251	2271.248	V22	
L9	367.058	360.040	0.000	385.061	378.035	0.000	377.055	2130.250	2129.210	L22	
I10	388.308	381.290	1384.740	1108.745	381.210	1388.110	3888.210	2074.211	2073.207	I20	
A11	1151.100	1134.082	1133.777	1178.782	1162.766	1162.772	1836.154	1999.127	1998.143	A16	
Q12	1179.486	1170.470	1169.454	1164.474	1167.458	1167.464	1920.411	1988.060	1987.046	Q18	
Q13	1139.360	1130.344	1129.328	1124.344	1127.328	1127.334	1777.265	1760.022	1759.048	Q17	
Q14	1193.080	1184.064	1183.048	1178.064	1181.048	1181.054	1823.011	1703.010	1702.026	Q16	
V15	1483.077	1474.061	1474.045	1469.061	1472.045	1472.051	1881.040	1848.089	1847.095	V19	
L16	1306.041	1297.025	1296.009	1291.025	1294.009	1294.015	1616.020	1583.044	1582.050	L14	
P17	1013.024	1004.008	1003.992	998.008	1001.992	1001.998	1143.010	1450.863	1433.818	1432.824	P13
R18	1017.137	1008.121	1008.105	1003.121	1006.105	1006.111	1267.124	1263.814	1262.790	R12	
I19	1170.412	1161.396	1161.380	1156.396	1159.380	1159.386	1329.390	1322.343	1321.327	I11	
Q20	1058.280	1049.264	1049.248	1044.264	1047.248	1047.254	1128.264	1109.265	1108.672	Q10	
A21	1139.117	1130.101	1129.085	1124.101	1127.085	1127.091	1310.104	998.624	985.269	984.244	A10
V22	1228.300	1219.284	1219.268	1214.284	1217.268	1217.274	1228.310	921.581	910.561	909.536	V10
L23	1041.260	1032.244	1032.228	1027.244	1030.228	1030.234	1081.244	828.519	811.492	810.468	L17
L24	1054.300	1045.284	1045.268	1040.284	1043.268	1043.274	1084.284	715.435	698.408	697.426	L10
P25	1013.310	1004.294	1004.278	999.294	1002.278	1002.284	1053.294	682.351	668.291	667.297	P11
R26	1016.111	1007.095	1007.079	1002.095	1005.079	1005.085	1056.095	1053.095	1052.091	R10	
R27	1017.100	1008.084	1008.068	1003.084	1006.068	1006.074	1057.084	377.303	363.177	362.183	R15
K28	1017.080	1008.064	1008.048	1003.064	1006.048	1006.054	1058.064	1055.064	1054.060	K10	
L29	1017.080	1008.064	1008.048	1003.064	1006.048	1006.054	1058.064	1055.064	1054.060	L11	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=78.80
- ▶ F113277.dat
- ▶ query=q29325_p1
- ▶ precursor=771.723900
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA	
L1	43	352	0.504	0.504	57.949	0.504	0.504	1542.430	1531.930	1531.944	L29
R1	100	353	0.504	0.504	124.874	0.504	0.504	1449.309	1447.309	1447.302	R20
R1	104	352	1.000	0.504	122.618	1.000	0.504	1433.050	1420.371	1410.081	K27
L1	121	353	212.850	0.504	235.100	226.847	0.504	1384.833	1350.320	1350.833	L26
L1	127	353	289.330	0.504	301.100	300.303	0.504	1309.330	1299.780	1299.780	L25
G1	156	353	289.330	0.504	302.253	311.700	0.504	1351.935	1343.241	1342.740	G26
R1	164	353	336.100	0.504	369.276	389.703	0.504	1243.242	1218.730	1218.730	R23
V1	171	353	426.300	0.504	447.100	470.247	0.504	1143.041	1134.801	1134.801	V26
L1	484.317	476.823	629.331	498.134	489.821	480.320	1095.446	1087.233	1088.041	L21	
I10	548.879	532.366	511.874	554.876	546.369	540.871	1045.123	1036.609	1036.117	I21	
A11	576.397	567.884	551.382	590.395	581.882	581.380	988.581	988.087	979.575	A16	
G12	648.427	631.913	631.421	654.424	645.911	645.419	951.062	944.549	944.055	G10	
G13	668.937	660.424	650.932	682.935	674.422	673.930	889.633	880.519	880.027	G17	
G14	697.448	688.935	688.443	711.446	702.932	702.440	860.522	852.009	851.517	G16	
V13	746.983	738.469	737.977	760.990	752.467	751.974	832.011	823.498	823.006	V15	
L10	855.583	846.069	845.577	871.592	863.079	862.587	782.477	773.964	773.472	L14	
P12	874.308	843.537	843.045	888.048	879.535	879.043	725.935	717.422	716.930	P13	
T14	888.814	887.301	900.807	919.812	911.008	910.516	674.084	673.592	668.403	T12	
I16	908.814	897.301	900.807	919.812	911.008	910.516	630.537	631.874	631.382	I11	
G20	929.814	902.138	920.820	943.841	935.139	934.647	583.846	555.122	554.840	G19	
A21	959.814	958.844	958.351	1019.160	1010.646	1010.154	489.810	489.318	489.318	A18	
V22	1114.308	1110.813	1120.944	1132.864	1124.351	1123.859	454.247	455.784	455.292	V18	
L23	1112.288	1100.720	1100.228	1181.728	1176.720	1176.230	414.700	408.720	408.720	L17	
L24	1227.730	1218.200	1218.770	1241.778	1233.205	1232.771	358.221	349.700	349.210	L20	
R25	1276.340	1270.810	1280.941	1294.944	1286.340	1285.848	301.619	293.100	292.610	R19	
R26	1340.854	1331.841	1331.349	1384.352	1374.838	1374.346	253.133	244.610	244.120	R10	
K27	1354.368	1349.838	1359.366	1418.389	1408.880	1408.388	188.301	180.500	180.100	K15	
L28	1374.348	1369.818	1379.346	1438.349	1428.840	1428.348	148.819	140.300	139.810	L22	
E29	1518.441	1510.934	1510.442	1533.444	1524.931	1524.439	74.534	0.500	0.500	E11	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=78.80
- ▶ F113277.dat
- ▶ query=q29325.p1
- ▶ precursor=771.723900
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	28.719	0.072	0.072	38.102	0.072	0.072	1033.033	1032.999	1032.812	L26
N2	67.385	61.730	0.672	76.715	71.041	0.672	960.941	965.265	964.937	N26
K3	110.681	104.407	0.672	119.413	113.739	0.672	992.020	947.251	946.921	K27
L4	147.778	142.125	0.672	157.109	151.434	0.672	910.228	904.553	904.226	L26
L5	185.874	179.397	0.672	194.884	189.210	0.672	872.533	866.858	866.530	L26
G6	264.478	258.004	0.672	273.811	268.136	0.672	834.839	829.163	828.835	G24
K7	298.522	292.048	0.672	307.851	302.176	0.672	813.831	810.156	809.826	K25
V8	328.544	322.069	0.672	338.078	332.403	0.672	761.760	758.114	757.788	V22
Y9	323.227	317.553	0.672	332.595	326.883	326.555	730.767	725.091	724.763	Y21
I10	360.622	354.288	0.672	370.251	364.576	0.672	697.064	691.409	691.081	I20
A11	394.601	378.625	0.672	394.912	389.237	0.672	658.389	652.714	652.386	A19
Q12	427.287	421.613	0.672	436.913	431.238	0.672	635.710	630.035	629.707	Q10
G13	446.204	440.618	440.290	455.626	449.950	449.950	614.114	608.439	608.112	G17
G14	465.301	459.626	459.291	474.637	468.957	468.957	600.628	594.953	598.342	G16
V15	498.224	492.549	492.214	507.658	501.983	501.983	535.019	529.344	529.018	V19
L16	536.619	530.383	530.015	545.395	539.079	539.347	521.987	516.312	515.984	L14
P17	568.370	562.694	562.360	577.703	572.028	571.699	484.292	478.617	478.290	P13
N18	606.284	600.708	600.382	615.718	610.048	609.712	461.942	446.266	445.938	N15
T19	644.079	638.403	638.078	653.410	647.735	647.407	443.900	428.224	427.896	T17
Q20	686.705	681.089	680.751	696.090	690.421	690.093	376.251	370.575	370.249	Q10
A21	726.644	720.968	720.642	736.001	730.325	730.000	331.540	325.864	325.538	A19
V22	742.467	737.781	737.403	748.778	743.102	742.725	309.897	304.221	303.895	V19
L23	781.161	775.485	775.159	790.493	784.817	784.489	276.944	271.268	270.941	L17
L24	818.856	813.180	812.854	828.188	822.512	822.184	239.100	233.424	233.098	L16
P25	851.037	845.531	845.203	860.539	854.863	854.535	201.403	195.726	195.402	P15
K26	893.365	887.689	887.363	902.698	897.022	896.694	169.194	163.518	163.191	K14
K27	930.654	924.978	924.652	945.983	940.307	939.979	126.426	120.750	120.423	K15
T28	1011.280	1005.604	1005.278	995.618	989.942	989.614	81.718	76.042	75.714	T12
E29	1033.158	1027.482	1027.156	1042.632	1036.956	1036.628	30.020	0.672	44.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.51
- ▶ F113277.dat
- ▶ query=q29326.p1
- ▶ precursor=771.723900
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3081.892	3067.873	0.000	3066.895	L 29
N 2	345.161	2970.808	2954.789	2955.797	2951.781	N 28
K 3	373.256	2956.795	2940.746	2941.754	2939.739	K 27
L 4	486.340	2728.670	2712.651	2713.659	2711.643	L 26
L 5	599.424	2615.586	2609.567	2600.575	2598.560	L 25
Q 6	656.445	2502.500	2495.483	2497.491	2495.475	Q 24
K 7	812.572	2445.480	2429.462	2430.469	2428.454	K 23
V 8	911.640	2389.354	2373.335	2374.343	2372.327	V 22
T 9	1012.688	2196.286	2174.267	2175.275	2173.259	T 21
I 10	1125.772	2089.238	2073.219	2074.227	2072.211	I 20
A 11	1196.809	1978.159	1960.135	1961.143	1959.127	A 19
Q 12	1324.857	1905.117	1889.098	1890.106	1888.090	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.910	1720.937	1704.918	1705.926	1703.910	G 16
V 15	1537.879	1663.015	1646.997	1646.004	1645.989	V 15
L 16	1651.063	1561.947	1547.928	1548.936	1546.920	L 14
P 17	1748.116	1456.863	1439.844	1439.852	1431.836	P 13
Tu 18	1852.159	1351.810	1337.791	1338.799	1336.783	Tu 12
I 19	1975.243	1239.767	1223.748	1224.756	1222.741	I 11
Q 20	2103.301	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.338	998.624	982.606	981.614	981.598	A 9
V 22	2273.407	927.587	911.569	912.576	910.561	V 8
L 23	2386.491	828.519	812.500	813.508	811.492	L 7
L 24	2499.575	715.438	699.416	700.424	698.408	L 6
P 25	2596.626	602.351	586.332	587.340	585.324	P 5
K 26	2724.723	505.298	489.279	490.287	488.271	K 4
K 27	2852.816	377.203	361.184	362.192	360.177	K 3
T 28	2951.895	249.108	233.089	234.097	232.082	T 2
E 29	3082.938	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.51
- ▶ F113277.dat
- ▶ query=q29326.p1
- ▶ precursor=771.723900
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1542.450	1538.440	0.504	1533.930	L[26]
N[2]	123.084	1485.908	1477.890	1478.402	1477.394	N[28]
K[3]	187.132	1436.886	1426.877	1421.361	1420.373	K[27]
L[4]	243.674	1384.839	1356.829	1357.333	1356.325	L[26]
L[5]	300.216	1338.297	1329.289	1320.791	1299.783	L[25]
G[6]	358.726	1291.758	1263.745	1264.249	1263.241	G[24]
K[7]	406.789	1223.244	1213.234	1214.249	1214.733	K[23]
V[8]	456.324	1145.181	1137.171	1137.875	1136.667	V[22]
T[9]	506.846	1095.646	1087.637	1088.141	1087.133	T[21]
I[10]	563.390	1045.123	1037.113	1037.617	1036.609	I[20]
A[11]	608.608	998.581	990.571	981.675	980.067	A[19]
Q[12]	662.937	953.062	945.053	945.557	944.549	Q[18]
G[13]	691.448	899.033	881.023	881.527	880.519	G[17]
G[14]	719.959	860.522	852.513	853.017	852.000	G[16]
V[15]	769.493	832.011	824.002	824.506	823.490	V[15]
L[16]	828.035	782.477	774.468	774.972	773.964	L[14]
F[17]	874.561	725.935	717.926	718.430	717.422	F[13]
N[18]	913.583	677.409	669.399	669.903	668.895	N[12]
I[19]	988.125	626.387	612.378	612.882	611.874	I[11]
Q[20]	1052.154	563.845	555.836	556.340	555.332	Q[10]
A[21]	1087.673	499.616	491.607	492.110	491.303	A[9]
V[22]	1137.207	464.297	456.288	456.792	455.784	V[8]
L[23]	1193.749	414.763	406.754	407.258	406.250	L[17]
L[24]	1260.293	358.221	350.211	350.715	349.707	L[6]
P[25]	1298.817	301.679	293.670	294.174	293.166	P[5]
K[26]	1362.805	253.153	245.143	245.647	244.639	K[4]
K[27]	1426.912	189.105	181.096	181.600	180.592	K[3]
T[28]	1477.436	125.058	117.048	117.552	116.544	T[2]
E[29]	1541.059	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

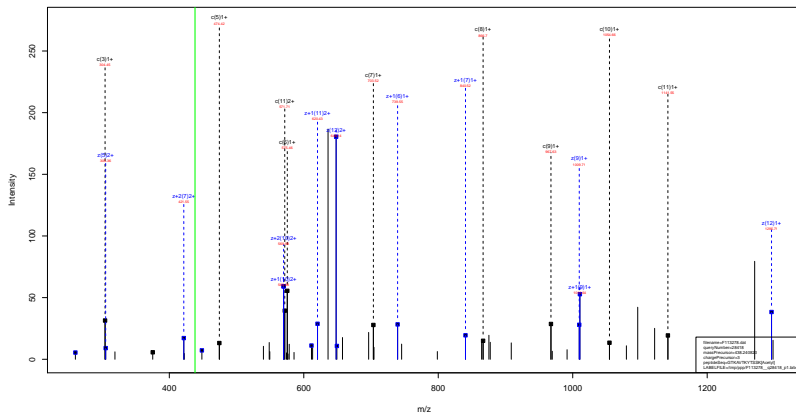
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.51
- ▶ F113277.dat
- ▶ query=q29326.p1
- ▶ precursor=771.723900
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.206	0.672	1022.960	L29
N2	82.392	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.587	947.923	947.251	K27
L4	162.756	930.228	908.809	908.225	904.953	L26
L5	200.479	872.531	867.194	867.530	866.856	L25
G6	219.487	834.830	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.652	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	699.389	654.050	654.386	653.714	A19
Q12	442.294	639.710	630.371	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.292	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.088	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.231	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.807	304.468	304.804	304.132	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.861	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P5
K26	928.912	169.154	163.815	164.151	163.479	K4
K27	951.611	126.400	121.060	121.402	120.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.397	50.025	44.685	45.021	44.349	E1

sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSK ^{Acetyl}
42.01



sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.39
- ▶ F113278.dat
- ▶ query=q28418_p1
- ▶ precursor=438.240820
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G 1	75.955	1312.711	1296.692	0.000	1295.684	G[12]
T 2	179.333	1255.589	1239.671	0.000	1238.563	T[11]
K 3	304.198	1154.642	1138.623	1139.611	1137.615	K[10]
A 4	375.235	1026.547	1010.528	1011.536	1009.520	A[0]
V 5	474.303	955.509	939.491	940.499	938.483	V[0]
T 6	575.351	826.441	840.422	841.430	839.415	T[7]
K 7	703.446	755.393	739.375	740.382	738.367	K[6]
V 8	868.509	627.298	611.280	612.288	610.272	V[5]
T 9	967.557	494.335	443.215	449.224	447.209	T[4]
S[10]	1054.589	363.187	347.169	348.177	346.161	S[3]
S[11]	1141.621	278.155	260.137	261.144	259.129	S[2]
K[12]	1311.227	189.123	173.105	174.112	172.097	K[1]

sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.39
- ▶ F113278.dat
- ▶ query=q28418_p1
- ▶ precursor=438.240820
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G[1]	88.031	656.859	648.850	0.504	648.346	G[12]
T[2]	88.555	628.348	620.339	0.504	619.835	T[11]
K[3]	152.603	577.824	569.815	570.319	569.311	K[10]
A[4]	188.121	513.777	505.768	506.271	505.264	A[9]
V[5]	237.655	478.258	470.249	470.753	469.745	V[8]
T[6]	288.179	428.724	420.715	421.219	420.211	T[7]
K[7]	352.227	378.200	370.191	370.695	369.687	K[6]
V[8]	433.758	314.153	306.143	306.647	305.640	V[5]
T[9]	484.282	232.621	224.612	225.116	224.108	T[4]
S[10]	527.296	182.097	174.088	174.592	173.584	S[3]
S[11]	571.314	138.581	130.572	131.076	130.068	S[2]
K[12]	658.367	95.065	87.056	87.560	86.552	K[1]

sp | P70696 | H2B1A_MOUSE

GTKAVTK^{Acetyl}YTSSK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.93
- ▶ F113278.dat
- ▶ query=q28420_p1
- ▶ precursor=438.241200
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
G	1	75.955	1312.711	1296.692	0.000	1295.684	G[12]
T	2	179.330	1235.589	1239.931	0.000	1238.923	T[11]
K	3	304.198	1154.642	1138.623	1139.611	1137.615	K[10]
A	4	375.235	1026.947	1010.528	1011.536	1009.520	A[9]
V	5	474.303	955.509	939.491	940.499	938.483	V[8]
T	6	575.351	856.441	840.422	841.430	839.415	T[7]
K	7	745.457	755.393	739.375	740.382	739.367	K[6]
V	8	908.520	585.288	569.269	570.277	568.261	V[5]
T	9	1009.568	422.225	406.206	407.214	405.198	T[4]
S	10	1096.600	321.177	305.158	306.166	304.150	S[3]
S	11	1183.632	234.145	218.126	219.134	217.118	S[2]
K	12	1311.227	147.113	131.084	132.102	130.086	K[1]

sp | P70696 | H2B1A_MOUSE

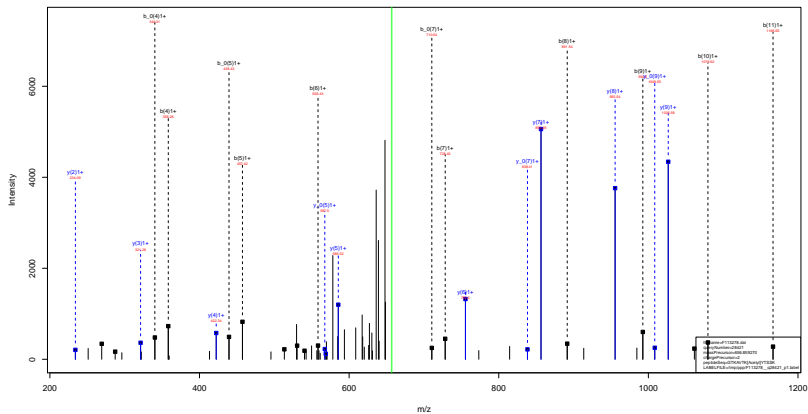
GTKAVTK^{Acetyl}YTSSK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.93
- ▶ F113278.dat
- ▶ query=q28420_p1
- ▶ precursor=438.241200
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G[1]	88.031	656.859	648.850	0.504	648.346	G[12]
T[2]	88.555	628.348	620.339	0.504	619.835	T[11]
K[3]	152.603	577.824	569.815	570.319	569.311	K[10]
A[4]	188.121	513.777	505.768	506.271	505.264	A[9]
V[5]	237.055	478.258	470.249	470.753	469.745	V[8]
T[6]	286.179	428.724	420.715	421.219	420.211	T[7]
K[7]	373.232	378.200	370.191	370.695	369.687	K[6]
V[8]	454.764	293.148	285.138	285.642	284.634	V[5]
T[9]	505.287	211.616	203.607	204.110	203.103	T[4]
S[10]	548.803	161.092	153.083	153.587	152.579	S[3]
S[11]	592.320	117.576	109.567	110.071	109.063	S[2]
K[12]	656.367	74.060	66.051	66.555	65.547	K[1]

sp | P70696 | H2B1A_MOUSE

GTKAVTK ^{Acetyl} YTSSK
42.01



sp | P70696 | H2B1A_MOUSE

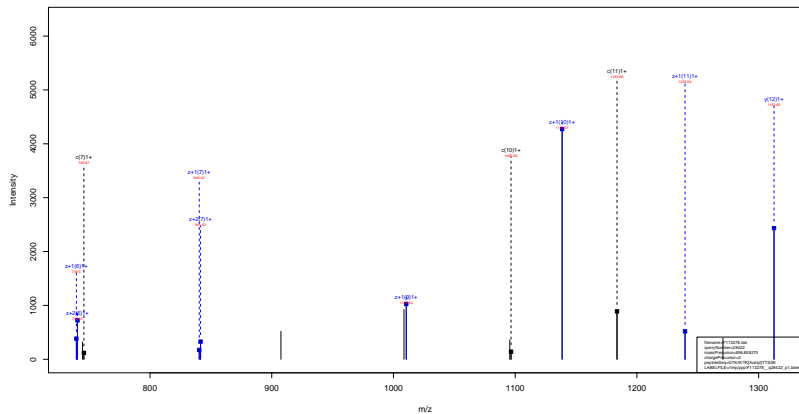
GTKAVTK ^{Acetyl} YTSSK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=62.84
- ▶ F113278.dat
- ▶ query=q28421_p1
- ▶ precursor=656.859270
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a''	b	b'	b''	y	y'	y''	AA
G1	302.070	42.000	0.000	76.020	0.000	0.000	1132.771	1120.664	1224.720	G12
T1	132.100	0.000	13.971	100.000	0.000	141.000	1230.663	1237.636	1111	T11
K3	350.170	262.150	241.160	207.171	270.150	260.161	1154.642	1157.615	1130.610	K10
A4	130.114	301.100	320.100	330.100	340.100	340.100	1026.547	1029.520	1008.536	A10
V5	420.100	432.100	411.101	457.107	440.100	430.106	655.509	658.483	637.480	V10
I6	510.510	511.001	512.110	558.325	561.100	540.314	856.441	859.415	838.431	I12
K7	330.430	300.400	302.420	326.430	324.400	310.420	750.393	753.367	731.381	K10
V9	351.400	350.410	352.400	391.401	394.400	379.401	555.288	558.262	547.277	V10
T9	364.340	347.330	348.330	392.341	395.330	374.331	422.225	425.199	404.214	T14
S10	3251.710	3124.100	3133.100	3079.373	3202.114	3081.363	321.177	304.150	303.140	S11
S11	1170.400	1170.300	1170.300	1166.365	1166.300	1166.300	234.140	231.110	228.110	S11
K12	1266.100	1240.670	1240.660	1254.660	1277.014	1270.660	147.110	130.660	0.000	K10

sp | P70696 | H2B1A_MOUSE

GTKAVTK ^{Acetyl} YTSSK
42.01



sp | P70696 | H2B1A_MOUSE

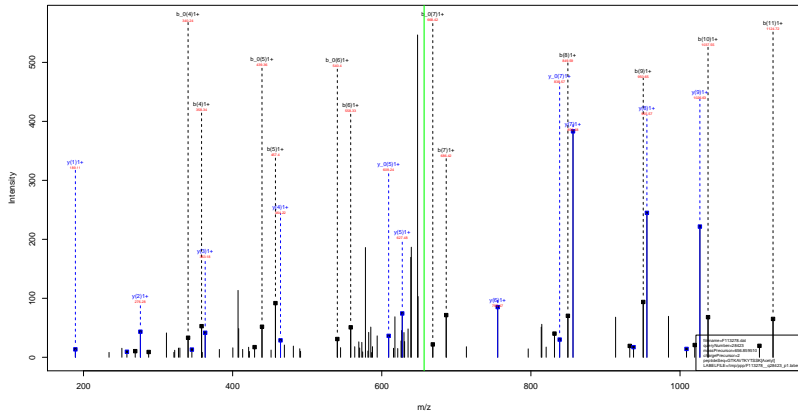
GTKAVTK ^{Acetyl} YTSSK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.60
- ▶ F113278.dat
- ▶ query=q28422.p1
- ▶ precursor=656.859270
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
G	1	75.955	1312.711	1596.692	0.000	1295.684	G	12
T	2	119.303	1259.689	1239.671	0.000	1239.663	T	11
K	3	304.198	1154.642	1138.623	1139.631	1137.615	K	10
A	4	375.235	1026.547	1010.528	1011.536	1009.520	A	9
V	5	474.303	955.509	939.491	940.499	938.483	V	8
T	6	575.351	856.441	840.422	841.430	839.415	T	7
K	7	745.457	755.393	739.375	740.382	738.367	K	6
V	8	868.520	585.260	569.269	570.277	568.261	V	5
T	9	1009.668	422.229	405.209	407.214	405.199	T	4
S	10	1096.600	321.177	305.158	306.166	304.150	S	3
S	11	1183.632	234.145	218.126	219.134	217.118	S	2
K	12	1311.727	147.113	131.094	132.102	130.086	K	1

sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSK ^{Acetyl}
42.01



sp | P70696 | H2B1A_MOUSE

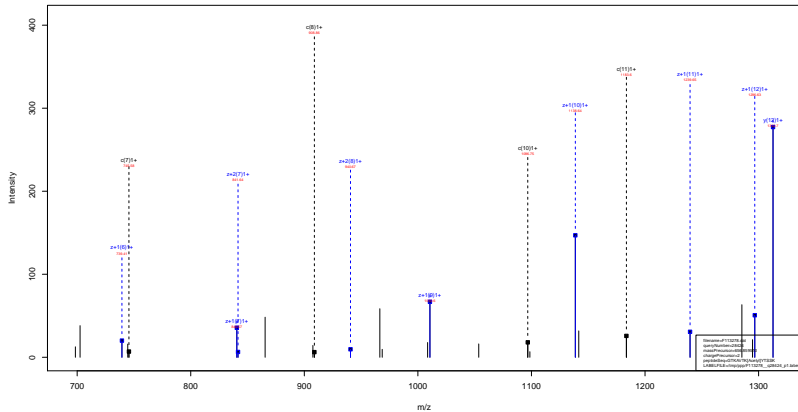
GTKAVTKYTSSK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=69.75
- ▶ F113278.dat
- ▶ query=q28423_p1
- ▶ precursor=656.859510
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	b	a*	a+b	b	b*	b+a	y	y*	y+a	AA
G1	182.078	112.091	0.000	294.169	0.000	0.000	1132.771	1120.684	2254.729	661.2	G12
T12	132.092	0.000	132.091	182.088	0.000	0.000	141.000	1250.683	1327.636	1111	K10
K13	282.110	282.110	282.108	287.174	270.110	280.181	1134.642	1137.611	1130.610	1130.610	K10
A14	132.091	182.101	182.099	256.208	182.101	240.133	1026.547	1029.509	1102.536	1102.536	A10
V15	428.282	432.252	441.291	457.277	440.252	430.286	855.509	938.483	937.490	V10	V10
T16	132.092	132.091	132.091	256.325	141.200	140.134	856.441	1094.410	1038.431	1038.431	T12
K17	182.422	182.422	182.421	186.428	182.422	182.422	627.298	750.292	750.292	609.288	K10
V18	132.408	182.401	182.401	294.477	132.408	132.417	627.298	1012.277	1012.277	1012.277	V10
T19	432.538	468.538	468.535	490.531	461.539	432.520	464.235	441.208	448.221	448.221	T14
S100	1029.516	102.541	991.557	1037.563	1020.528	1010.552	361.187	348.181	348.177	348.177	S11
S11	1029.603	1029.603	1029.598	1124.565	1120.568	1120.568	1120.568	216.120	206.120	206.120	S11
K12	1366.100	1348.630	1348.626	1354.108	1327.614	1320.620	180.123	172.067	160.000	160.000	K10

sp | P70696 | H2B1A_MOUSE

GTKAVTK ^{Acetyl}YTSSK
42.01



sp | P70696 | H2B1A_MOUSE

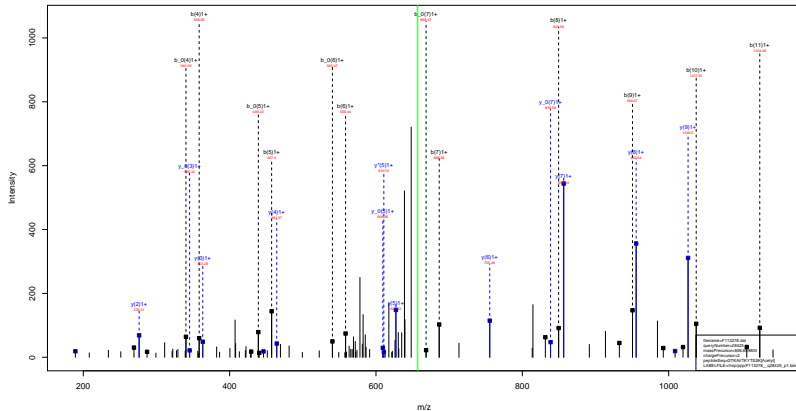
GTKAVTK ^{Acetyl}YTSSK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.93
- ▶ F113278.dat
- ▶ query=q28424.p1
- ▶ precursor=656.859510
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
G	1	75.955	1312.711	1296.692	0.000	1295.684	G	12
T	2	119.303	1295.684	1239.571	0.000	1238.563	T	11
K	3	304.198	1154.642	1138.623	1139.631	1137.615	K	10
A	4	375.235	1026.547	1010.528	1011.536	1009.520	A	9
V	5	474.303	955.509	939.491	940.499	938.483	V	8
T	6	575.351	856.441	840.422	841.430	839.415	T	7
K	7	745.457	755.393	739.375	740.382	738.367	K	6
V	8	908.520	585.260	569.269	570.277	568.261	V	5
T	9	1005.548	422.220	405.208	407.214	405.198	T	4
S	10	1096.600	321.177	305.158	306.166	304.150	S	3
S	11	1183.632	234.145	218.126	219.134	217.118	S	2
K	12	1311.227	147.113	131.094	132.102	130.086	K	1

sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSSK ^{Acetyl}
42.01



sp | P70696 | H2B1A_MOUSE

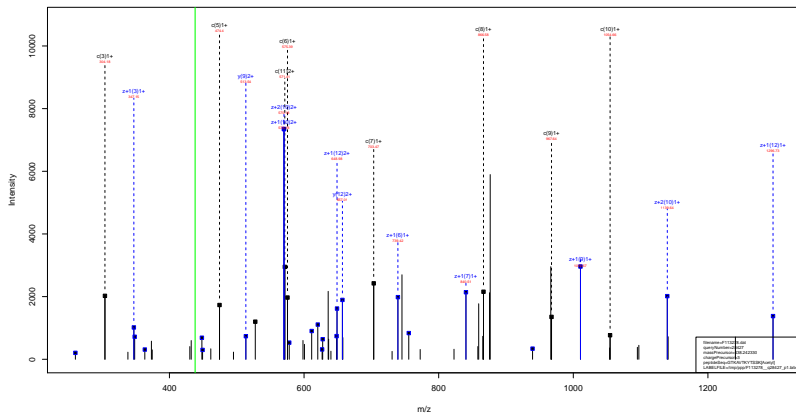
GTKAVTKYTSSK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=65.34
- ▶ F113278.dat
- ▶ query=q28425_p1
- ▶ precursor=656.859800
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	b	a*	b*	b	b*	b	a*	b*	AA
G1	182.020	112.000	0.000	182.020	0.000	0.000	112.000	1120.884	1224.728	G12
T1	132.050	0.000	132.051	182.088	0.000	141.000	1230.880	1238.983	1237.836	T11
K3	358.170	282.150	241.188	287.174	270.135	289.181	1154.824	1157.813	1139.810	K10
A4	132.044	311.920	320.200	320.208	311.910	340.193	1026.547	1029.500	1016.536	A10
V5	429.282	432.250	411.211	457.277	448.250	439.246	855.509	938.483	937.988	V10
T6	330.320	131.920	112.110	326.325	141.200	540.314	856.641	1104.110	838.431	T12
K7	358.420	341.200	242.414	346.428	339.400	404.489	756.393	747.260	747.261	K18
V9	412.400	656.400	625.477	649.463	632.460	821.472	627.290	618.272	609.268	V15
T9	412.438	606.438	604.520	650.531	611.509	812.520	464.235	447.200	446.225	T14
S10	3209.108	992.541	991.557	1037.563	1020.528	1010.552	361.187	348.161	345.177	S11
S11	1206.600	1206.600	1170.586	1124.565	1120.568	1126.584	276.120	266.120	266.124	S12
K12	1246.100	1246.870	1248.665	1254.658	1277.614	1270.600	189.123	172.067	0.000	K13

sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSK ^{Acetyl}
42.01



sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.63
- ▶ F113278.dat
- ▶ query=q28427_p1
- ▶ precursor=438.242330
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G [1]	75.955	1312.711	1296.692	0.000	1295.684	G [12]
T [2]	179.301	1235.589	1239.631	0.000	1238.563	T [11]
K [3]	304.198	1154.642	1158.620	1139.631	1137.615	K [10]
A [4]	375.235	1026.547	1010.528	1011.536	1009.520	A [9]
V [5]	474.303	955.509	939.491	940.499	938.483	V [8]
T [6]	575.351	856.441	840.422	841.430	839.415	T [7]
K [7]	703.446	755.393	739.375	740.382	738.367	K [6]
V [8]	868.509	627.298	611.280	612.288	610.272	V [5]
T [9]	957.557	444.235	443.216	449.224	447.209	T [4]
S [10]	1054.589	363.187	347.169	348.177	346.161	S [3]
S [11]	1141.621	278.155	260.137	261.144	259.129	S [2]
K [12]	1311.727	189.123	173.105	174.112	172.097	K [1]

sp | P70696 | H2B1A_MOUSE

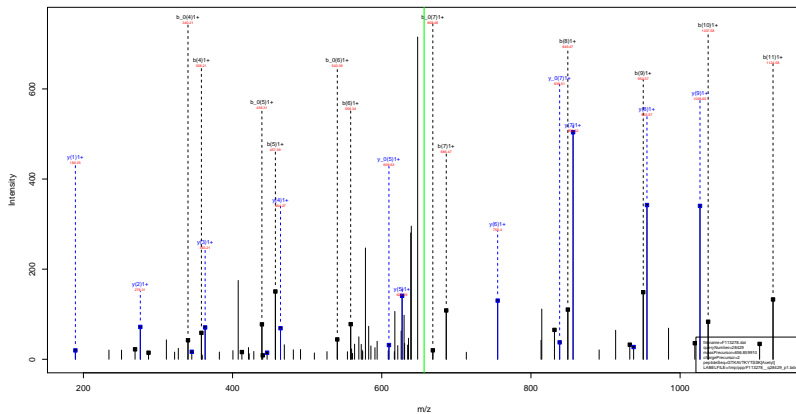
GTKAVTKYTSSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=37.63
- ▶ F113278.dat
- ▶ query=q28427_p1
- ▶ precursor=438.242330
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G [1]	38.031	656.859	648.850	0.504	648.346	G [2]
T [2]	58.555	628.345	620.339	0.504	619.835	T [1]
K [3]	152.603	577.824	569.815	570.319	569.311	K [10]
A [4]	188.121	513.777	505.769	506.271	505.264	A [9]
V [5]	237.695	478.258	470.249	470.753	469.745	V [8]
T [6]	288.179	428.724	420.715	421.219	420.211	T [7]
K [7]	352.227	378.200	370.191	370.695	369.687	K [6]
V [8]	433.758	314.153	306.143	306.647	305.640	V [5]
T [9]	494.292	232.621	224.612	225.116	224.108	T [4]
S [10]	527.798	182.091	174.082	174.582	173.584	S [3]
S [11]	571.314	138.581	130.572	131.076	130.068	S [2]
K [12]	658.367	95.065	87.056	87.560	86.552	K [1]

sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSSK ^{Acetyl}
42.01



sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=71.50
- ▶ F113278.dat
- ▶ query=q28429_p1
- ▶ precursor=656.859910
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a+b	b	b'	b+b'	x	y'	y	AA
Q1	131.082	0.000	131.082	36.526	0.000	131.082	131.777	132.500	234.102	Q12
T1	131.082	0.000	131.082	139.006	0.000	131.082	139.639	139.639	237.618	T13
K2	159.176	262.150	244.188	287.171	370.145	266.161	119.632	117.610	11.36.011	K10
A1	170.214	311.810	319.089	356.308	384.319	340.336	1026.547	1009.520	1009.520	A16
V1	176.100	412.355	411.371	457.277	446.250	439.206	955.539	938.483	937.490	V18
T1	176.100	133.100	312.100	358.325	361.000	340.314	856.441	130.411	836.431	T17
K7	189.452	181.100	340.444	406.429	389.471	405.469	725.392	140.380	141.002	K16
V1	191.400	309.450	302.471	349.483	352.250	331.472	627.200	612.227	609.288	V15
T1	192.138	405.500	404.521	450.531	451.000	432.520	464.235	447.210	446.225	T14
S10	199.109	382.541	380.557	423.563	420.536	409.252	363.187	346.162	345.177	S15
S11	199.443	1078.911	1079.566	1124.905	1107.944	1106.364	276.135	269.120	268.106	S18
R12	199.100	1340.839	1340.949	1324.924	1317.814	1314.900	189.123	172.000	0.000	R13

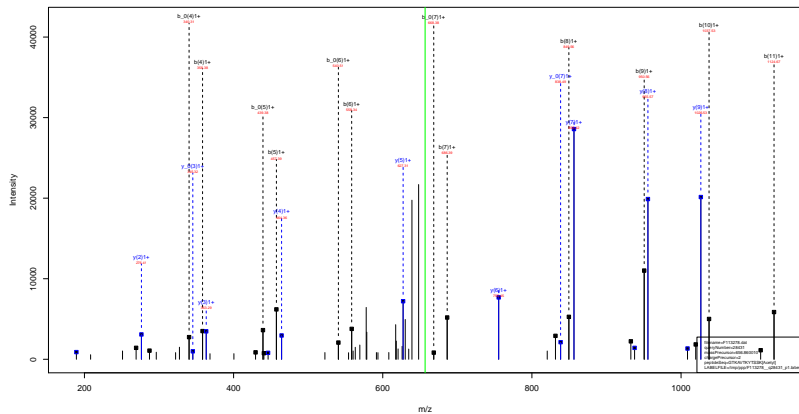
sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.87
- ▶ F113278.dat
- ▶ query=q28430_p1
- ▶ precursor=656.859910
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	1312.711	1296.692	0.000	1295.684	G[12]
T[2]	176.103	1275.089	1239.671	0.000	1238.663	T[11]
R[3]	384.108	1154.642	1138.623	1130.611	1131.603	R[10]
A[4]	375.235	1026.547	1010.528	1011.536	1009.520	A[9]
V[5]	474.303	935.509	939.491	940.499	938.483	V[8]
T[6]	575.351	856.441	840.422	841.430	839.415	T[7]
K[7]	703.446	755.393	739.375	740.382	738.367	K[6]
V[8]	868.509	827.268	811.250	812.258	810.271	V[5]
T[9]	967.557	864.235	848.218	849.224	847.250	T[4]
S[10]	1054.589	863.187	847.169	848.177	846.161	S[3]
S[11]	1141.621	276.155	260.137	261.144	259.129	S[2]
R[12]	1311.727	189.123	173.105	174.112	172.097	R[1]

sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSK^{Acetyl}
42.01

sp | P70696 | H2B1A_MOUSE

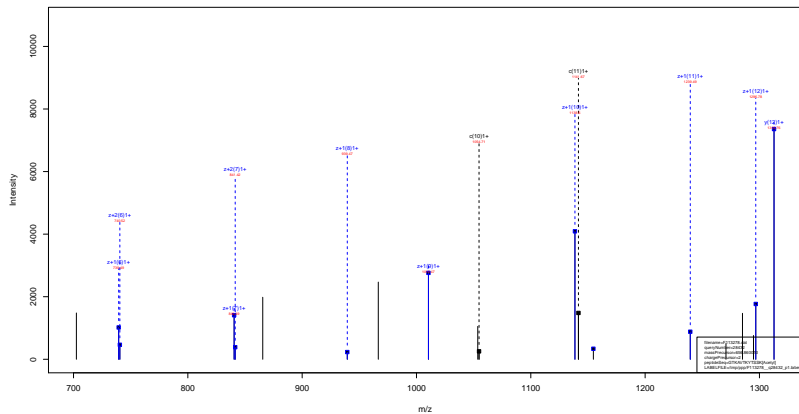
GTKAVTKYTSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
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- ▶ F113278.dat
- ▶ query=q28431.p1
- ▶ precursor=656.860010
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	b	a*	a+b	b	b*	b+a	v	v*	v+a	AA
G1	182.078	112.092	0.000	294.170	182.078	0.000	0.000	1112.711	1120.884	2234.595	G12
T1	131.052	0.000	113.091	182.098	0.000	141.000	1250.850	1250.850	1381.902	1381.902	T11
K1	159.110	241.151	241.158	287.174	270.110	289.181	1154.842	1154.842	1154.842	1154.842	K10
A1	110.014	101.101	101.101	156.108	101.101	201.103	1026.547	1026.547	1026.547	1026.547	A10
V1	478.282	432.252	411.291	457.277	448.250	439.246	855.509	938.483	937.490	937.490	V10
I1	135.101	131.101	112.119	158.125	141.101	149.114	856.441	1104.119	1104.119	1104.119	I12
K1	159.412	141.101	142.114	186.128	159.412	185.489	756.393	1104.119	1104.119	1104.119	K10
V1	112.408	104.401	102.417	149.463	112.408	151.472	627.298	1011.272	1011.272	1011.272	V10
T1	112.108	106.101	104.111	150.131	111.109	112.120	464.235	441.209	446.225	446.225	T14
S10	1009.108	102.141	991.157	1037.163	1020.110	1010.152	161.187	148.181	145.177	145.177	S11
S11	1006.603	101.101	101.101	1124.165	1120.606	1126.164	216.191	206.176	206.176	206.176	S11
K12	1366.110	1348.610	1348.605	1354.108	1377.614	1376.601	189.123	172.067	0.000	0.000	K10

sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSK ^{Acetyl}
42.01



sp | P70696 | H2B1A_MOUSE

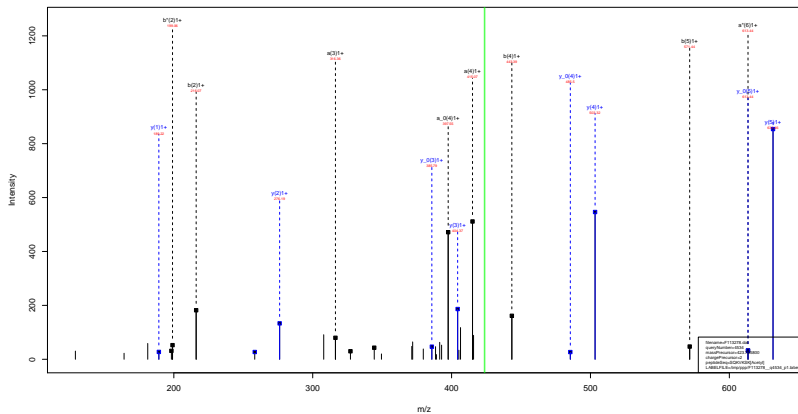
GTKAVTKYTSSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.90
- ▶ F113278.dat
- ▶ query=q28432_p1
- ▶ precursor=656.860010
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G [1]	75.955	1312.711	1296.692	0.000	1295.684	G [12]
T [2]	119.303	1255.069	1239.571	0.000	1238.563	T [11]
K [3]	304.198	1154.642	1138.623	1139.631	1137.615	K [10]
A [4]	375.235	1026.547	1010.528	1011.536	1009.520	A [9]
V [5]	474.303	955.509	939.491	940.499	938.483	V [8]
T [6]	575.351	856.441	840.422	841.430	839.415	T [7]
K [7]	703.446	755.393	739.375	740.382	738.367	K [6]
V [8]	896.599	627.260	611.250	612.266	610.272	V [5]
T [9]	997.657	484.239	468.216	469.224	467.209	T [4]
S [10]	1054.589	363.187	347.169	348.177	346.161	S [3]
S [11]	1141.621	276.155	260.137	261.144	259.129	S [2]
K [12]	1311.227	189.123	173.105	174.112	172.097	K [1]

sp | Q8R1M2 | H2AJ_MOUSE

SQKVKSK Acetyl
42.01



sp | Q8R1M2 | H2AJ_MOUSE

SQKVKSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.62
- ▶ F113278.dat
- ▶ query=q4534.p1
- ▶ precursor=423.755800
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
S(1)	60.044	0.000	40.034	68.030	0.000	70.000	686.004	829.476	828.494	S(2)
Q(2)	108.103	171.075	170.082	216.060	199.071	198.067	708.472	742.440	741.460	Q(3)
R(3)	316.160	609.161	608.167	344.163	327.166	326.162	631.414	614.389	613.403	R(4)
V(4)	415.266	595.260	397.256	443.261	425.255	425.251	593.319	485.274	485.308	V(5)
K(5)	943.961	606.959	626.951	571.356	654.350	653.346	404.250	387.234	386.240	K(6)
S(6)	0.00.003	613.367	612.363	650.358	641.362	640.358	276.155	250.120	258.145	S(7)
R(7)	650.409	683.412	682.408	828.400	811.403	810.403	189.123	212.089	0.000	R(8)

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=110.03
- ▶ F113278.dat
- ▶ query=q55452_p1
- ▶ precursor=626.628420
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	105.056	2503.492	2487.473	0.000	2486.465	S[24]
G	2	162.087	2416.460	2400.441	0.000	2399.433	G[23]
R	3	318.188	2359.438	2343.419	2344.427	2342.412	R[22]
G	4	375.210	2303.337	2187.318	2198.326	2189.319	G[21]
K	5	503.305	2146.316	2130.297	2131.305	2129.289	K[20]
G	6	560.326	2018.221	2002.200	2003.210	2001.194	G[19]
G	7	617.348	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	745.443	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	802.464	1776.063	1760.064	1761.072	1759.056	G[16]
L	10	915.548	1719.061	1703.063	1704.069	1702.035	L[15]
G	11	972.570	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1100.665	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1157.686	1430.861	1404.840	1405.850	1403.834	G[12]
G	14	1214.708	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1285.745	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1413.840	1238.781	1219.782	1220.790	1218.764	R[9]
R	17	1569.941	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1707.000	951.585	935.566	936.574	934.558	H[7]
R	19	1863.101	814.526	798.507	799.515	797.499	R[6]
K	20	2019.227	658.425	642.406	643.414	641.398	K[5]
V	21	2118.296	502.298	486.280	487.287	485.272	V[4]
L	22	2213.380	403.230	387.211	388.219	386.203	L[3]
R	23	2387.481	298.146	274.127	275.135	273.119	R[2]
D	24	2502.508	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=110.03
- ▶ F113278.dat
- ▶ query=q55452.p1
- ▶ precursor=626.628420
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	53.037	1252.249	1244.260	0.504	1243.756	S(24)
G	2	81.547	1208.733	1200.726	0.504	1200.220	G(23)
R	3	159.598	1180.222	1172.213	1172.717	1171.709	R(22)
G	4	189.309	1102.172	1094.163	1094.667	1093.659	G(21)
K	5	252.159	1073.661	1065.652	1066.156	1065.148	K(20)
G	6	280.667	1009.614	1001.605	1002.108	1001.101	G(19)
G	7	309.176	961.101	973.094	973.598	972.590	G(18)
K	8	373.225	952.592	944.583	945.087	944.079	K(17)
G	9	401.736	898.545	889.536	891.040	890.032	G(16)
L	10	459.278	890.036	852.025	852.529	851.521	L(15)
G	11	488.789	803.492	795.483	795.987	794.979	G(14)
K	12	550.836	774.982	766.972	767.476	766.468	K(13)
G	13	579.347	710.934	702.925	703.429	702.421	G(12)
G	14	607.857	682.423	674.414	674.918	673.910	G(11)
A	15	643.376	653.913	645.904	646.407	645.399	A(10)
R	16	707.413	618.399	610.389	610.893	609.885	R(9)
R	17	785.474	554.341	546.337	546.841	545.833	R(8)
H	18	854.004	476.290	468.287	468.791	467.783	H(7)
R	19	932.054	407.767	399.757	400.261	399.253	R(6)
K	20	1010.117	329.716	321.707	322.211	321.203	K(5)
V	21	1059.651	251.663	243.653	244.157	243.149	V(4)
L	22	1116.193	202.119	194.109	194.613	193.605	L(3)
R	23	1194.244	145.577	137.567	138.071	137.063	R(2)
D	24	1251.757	67.526	59.517	60.021	59.013	D(1)

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=110.03
- ▶ F113278.dat
- ▶ query=q55452.p1
- ▶ precursor=626.628420
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	835.169	629.829	0.672	829.893	S[24]
G[2]	54.701	806.150	800.818	0.672	800.463	G[23]
R[3]	106.734	787.151	781.811	782.147	781.475	R[22]
G[4]	125.741	735.117	729.778	730.114	729.442	G[21]
K[5]	168.440	716.110	710.770	711.106	710.435	K[20]
G[6]	187.447	673.412	668.072	668.408	667.736	G[19]
G[7]	206.454	654.405	649.065	649.401	648.729	G[18]
K[8]	249.152	635.397	630.058	630.394	629.722	K[17]
C[9]	288.100	592.699	587.360	587.696	587.024	C[16]
L[10]	335.954	573.692	568.352	568.688	568.016	L[15]
G[11]	324.861	535.997	530.658	530.994	530.322	G[14]
K[12]	387.560	516.990	511.651	511.986	511.315	K[13]
G[13]	386.567	474.292	468.952	469.288	468.616	G[12]
G[14]	405.574	455.285	449.945	450.281	449.609	G[11]
A[15]	429.253	436.277	430.938	431.274	430.602	A[10]
K[16]	471.951	412.598	407.259	407.595	406.923	K[9]
R[17]	523.985	369.900	364.561	364.896	364.225	R[8]
H[18]	569.671	317.866	312.527	312.863	312.191	H[7]
R[19]	621.705	272.180	266.841	267.176	266.505	R[6]
K[20]	673.747	220.140	214.801	215.143	214.471	K[5]
V[21]	706.770	168.104	162.765	163.101	162.429	V[4]
L[22]	744.465	135.082	129.742	130.078	129.406	L[3]
R[23]	796.498	97.387	92.047	92.383	91.711	R[2]
D[24]	854.841	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=96.58
- ▶ F113278.dat
- ▶ query=q55939_p1
- ▶ precursor=509.905810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2545.502	2529.483	0.000	2528.478	S[24]
G	2	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R	3	368.199	2289.438	2243.419	2244.427	2242.412	R[22]
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K	5	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	927.559	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1014.580	1662.077	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.999	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1420.961	1404.942	1405.950	1403.934	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.755	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1459.850	1238.781	1223.763	1223.770	1221.754	R[9]
R	17	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1749.010	951.585	935.566	936.574	934.558	H[7]
R	19	1908.111	814.526	798.507	799.515	797.499	R[6]
K	20	2061.238	658.425	642.406	643.414	641.398	K[5]
V	21	2180.306	502.298	486.288	487.287	485.272	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
R	23	2429.491	298.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=96.58
- ▶ F113278.dat
- ▶ query=q55939_p1
- ▶ precursor=509.905810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1266.265	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.163	1073.661	1065.650	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.070	K[17]
G[9]	422.741	898.545	880.536	881.040	880.032	G[16]
L[10]	479.293	860.034	852.025	853.529	853.521	L[15]
G[11]	507.794	803.482	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	652.423	674.414	674.918	673.910	G[11]
A[15]	664.381	653.913	645.903	646.407	645.399	A[10]
R[16]	720.432	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.290	468.287	468.791	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.667	252.693	244.683	244.187	243.180	V[4]
L[22]	1137.199	202.139	194.129	194.633	193.625	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.703	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=96.58
- ▶ F113278.dat
- ▶ query=q55939.p1
- ▶ precursor=509.905810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.897	S[24]
G[2]	56.704	806.158	800.810	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.858	673.692	568.352	568.688	568.016	L[15]
G[11]	338.865	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

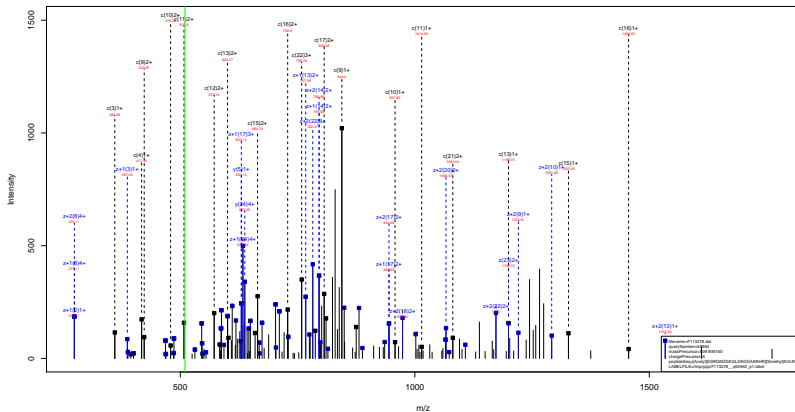
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=96.58
- ▶ F113278.dat
- ▶ query=q55939_p1
- ▶ precursor=509.905810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	637.131	633.126	0.755	632.974	S[24]
G[2]	51.780	604.970	600.856	0.755	600.614	G[23]
R[3]	90.805	590.615	586.610	586.862	586.358	R[22]
G[4]	105.061	551.590	547.585	547.837	547.333	G[21]
K[5]	137.084	537.334	533.330	533.582	533.078	K[20]
G[6]	151.340	505.311	501.306	501.558	501.054	G[19]
G[7]	165.595	491.055	487.051	487.303	486.799	G[18]
K[8]	197.619	476.800	472.795	473.047	472.543	K[17]
G[9]	211.874	464.776	460.772	461.023	460.520	G[16]
L[10]	240.145	430.521	426.516	426.768	426.264	L[15]
G[11]	254.401	402.250	398.245	398.497	397.993	G[14]
K[12]	286.424	387.994	383.989	384.242	383.738	K[13]
G[13]	300.680	355.971	351.966	352.218	351.714	G[12]
G[14]	314.935	341.715	337.711	337.963	337.459	G[11]
A[15]	332.694	327.460	323.455	323.707	323.203	A[10]
K[16]	354.718	309.701	305.696	305.948	305.444	K[9]
R[17]	403.743	277.677	273.672	273.924	273.420	R[8]
H[18]	438.008	238.652	234.647	234.899	234.395	H[7]
R[19]	477.033	204.387	200.382	200.634	200.130	R[6]
K[20]	516.065	169.362	165.357	165.609	165.105	K[5]
V[21]	540.832	136.130	132.125	132.377	132.073	V[4]
L[22]	569.103	101.563	97.558	97.810	97.306	L[3]
R[23]	608.128	73.292	69.287	69.539	69.035	R[2]
D[24]	636.885	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) KVLRD
(28.03)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl)
(28.03) KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=78.41
- ▶ F113278.dat
- ▶ query=q55940.p1
- ▶ precursor=509.906150
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2545.502	2529.483	0.000	2528.478	S[24]
G	2	204.098	3416.460	2400.441	0.000	2399.433	G[23]
R	3	360.199	2359.438	2343.419	2344.427	2342.412	R[22]
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K	5	545.315	2146.310	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	953.559	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1014.580	1655.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.950	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.755	1308.818	1290.799	1291.807	1289.791	A[10]
R	16	1435.850	1235.781	1219.762	1220.770	1218.755	R[9]
R	17	1631.953	1107.680	1091.661	1092.670	1090.655	R[8]
H	18	1749.010	951.585	935.566	936.574	934.558	H[7]
R	19	1933.143	814.526	798.507	799.515	797.499	R[6]
K	20	2061.238	630.393	614.375	615.382	613.367	K[5]
V	21	2180.306	502.290	486.280	487.287	485.272	V[4]
L	22	2473.390	403.280	387.211	388.219	386.203	L[3]
D	23	2629.481	290.146	274.127	275.136	273.119	D[2]
D	24	2544.518	134.040	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl)
(28.03) KVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=78.41
- ▶ F113278.dat
- ▶ query=q55940.p1
- ▶ precursor=509.906150
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.700	R[22]
G[4]	209.114	1102.172	1094.162	1004.507	1093.000	G[21]
K[5]	273.483	1073.661	1065.652	1066.156	1065.149	K[20]
G[6]	301.672	1008.614	1001.605	1002.108	1001.100	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.070	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.283	860.134	852.125	853.797	853.321	L[15]
G[11]	507.794	831.492	795.483	795.987	794.970	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.381	653.912	645.903	646.407	645.390	A[10]
T[16]	728.429	618.394	610.385	610.889	609.881	T[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.296	468.287	468.791	467.783	H[7]
R[19]	967.075	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	315.700	307.691	308.195	307.187	K[5]
V[21]	1080.657	251.953	243.943	244.447	243.440	V[4]
L[22]	1137.156	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.977	137.967	138.471	137.463	R[2]
D[24]	1272.763	87.526	59.537	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl)
(28.03) KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=78.41
- ▶ F113278.dat
- ▶ query=q55940.p1
- ▶ precursor=509.906150
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	68.704	836.196	830.811	0.672	830.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	725.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.858	571.692	566.352	565.688	568.016	L[15]
G[11]	338.865	535.991	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.588	407.250	407.585	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	645.052	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	210.883	205.463	205.799	205.127	K[5]
V[21]	720.774	188.104	182.705	183.101	182.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.340	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR^(Dimethyl) KVLRD
(28.03)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=78.41
- ▶ F113278.dat
- ▶ query=q55940.p1
- ▶ precursor=509.906150
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	637.131	633.126	0.755	632.074	S[24]
G[2]	51.790	604.070	600.066	0.755	600.614	G[23]
R[3]	90.805	590.615	586.610	586.862	586.358	R[22]
G[4]	105.061	551.590	547.585	547.837	547.333	G[21]
K[5]	137.084	537.334	533.330	533.582	533.078	K[20]
G[6]	151.340	505.311	501.306	501.558	501.054	G[19]
G[7]	165.595	491.055	487.051	487.303	486.799	G[18]
K[8]	197.619	476.900	472.795	473.047	472.543	K[17]
G[9]	211.874	444.776	440.771	441.023	440.520	G[16]
L[10]	240.145	430.521	426.516	426.768	426.264	L[15]
G[11]	254.403	402.260	398.245	398.497	397.993	G[14]
K[12]	266.424	387.594	383.590	384.242	383.738	K[13]
G[13]	300.680	355.971	351.966	352.218	351.714	G[12]
G[14]	314.935	341.715	337.711	337.963	337.459	G[11]
A[15]	332.694	327.460	323.455	323.707	323.203	A[10]
K[16]	364.718	309.701	305.696	305.948	305.444	K[9]
R[17]	403.743	277.677	273.672	273.924	273.420	R[8]
H[18]	438.008	238.652	234.647	234.899	234.395	H[7]
R[19]	484.041	204.387	200.382	200.634	200.130	R[6]
K[20]	516.065	158.284	154.340	154.601	154.097	K[5]
V[21]	540.832	136.330	132.325	132.577	132.073	V[4]
L[22]	569.103	101.563	97.558	97.810	97.306	L[3]
R[23]	608.128	73.292	69.287	69.539	69.035	R[2]
D[24]	636.885	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=128.05
- ▶ F113278.dat
- ▶ query=q55943.p1
- ▶ precursor=637.131170
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2945.502	2529.483	0.000	2529.478	S[24]
G[2]	224.298	2416.460	2403.441	0.000	2399.433	G[23]
H[3]	366.199	2359.438	2343.419	2344.437	2342.412	H[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.115	2148.318	2130.297	2131.305	2129.288	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	787.453	1904.179	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	957.559	1719.061	1703.043	1704.050	1702.035	L[15]
G[11]	1014.580	1665.977	1589.958	1590.966	1588.951	G[14]
K[12]	1142.675	1548.958	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.755	1306.818	1290.799	1291.807	1289.791	A[10]
K[16]	1455.850	1238.781	1219.762	1220.770	1218.754	K[9]
R[17]	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1749.010	991.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2190.306	502.298	486.280	487.287	485.272	V[4]
L[22]	2273.390	403.236	387.211	388.219	386.203	L[3]
D[23]	2429.481	290.140	274.121	275.125	273.111	D[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=128.05
- ▶ F113278.dat
- ▶ query=q55943.p1
- ▶ precursor=637.131170
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1295.265	0.504	1264.741	S[24]
G[2]	102.553	1238.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.233	1172.717	1171.700	R[22]
G[4]	269.114	1102.172	1094.163	1094.667	1093.650	G[21]
K[5]	273.161	1073.063	1065.052	1066.156	1065.143	K[20]
G[6]	351.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.193	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.293	860.036	852.025	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	667.361	653.913	645.903	646.407	645.399	A[10]
R[16]	728.429	618.369	610.360	610.864	609.856	R[9]
R[17]	806.479	554.341	546.337	546.841	545.833	R[8]
H[18]	875.009	476.200	468.197	468.701	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.657	251.663	243.653	244.147	243.140	V[4]
L[22]	1137.199	202.119	194.108	194.613	193.605	L[3]
R[23]	1215.248	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

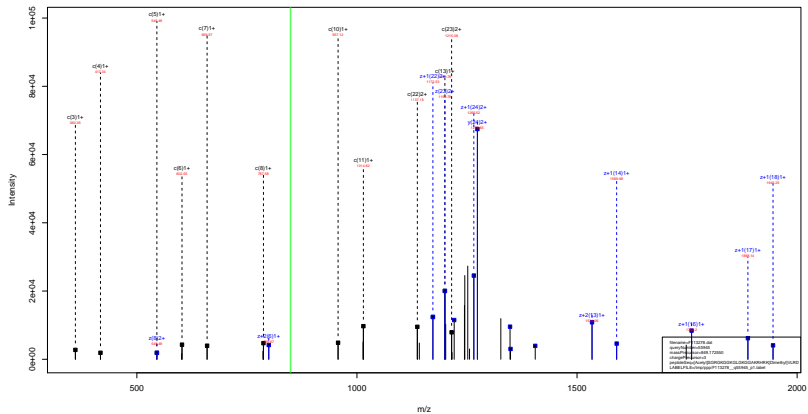
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=128.05
- ▶ F113278.dat
- ▶ query=q55943.p1
- ▶ precursor=637.131170
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	58.704	806.150	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.696	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl}VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.32
- ▶ F113278.dat
- ▶ query=q55945.p1
- ▶ precursor=849.172550
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2545.502	2529.463	0.000	2528.478	S[24]
G	2	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R	3	368.199	2389.438	2343.419	2344.427	2342.412	R[22]
G	4	417.220	2303.337	2187.318	2188.326	2186.310	G[21]
K	5	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.200	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	957.559	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.755	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1459.850	1235.781	1219.762	1220.770	1218.754	R[9]
R	17	1611.951	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1749.010	951.585	935.566	936.574	934.558	H[7]
R	19	1905.111	814.526	798.507	799.515	797.499	R[6]
K	20	2061.238	658.425	642.406	643.414	641.398	K[5]
V	21	2180.306	502.298	486.280	487.287	485.272	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
R	23	2429.491	280.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

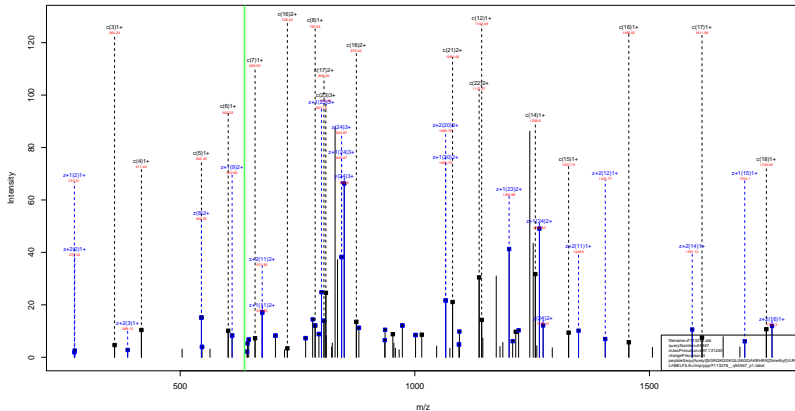
[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.32
- ▶ F113278.dat
- ▶ query=q55945.p1
- ▶ precursor=849.172550
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.153	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.109	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.210	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.263	860.036	852.027	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	684.384	653.913	645.903	646.407	645.399	A[10]
R[16]	728.432	618.394	610.385	610.889	609.881	R[9]
R[17]	806.470	554.347	546.337	546.841	545.833	R[6]
H[18]	878.009	476.290	468.280	468.784	467.776	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.669	251.663	243.653	244.157	243.149	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.703	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=90.20
- ▶ F113278.dat
- ▶ query=q55947.p1
- ▶ precursor=637.131240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.502	2520.483	0.000	2528.478	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	350.199	2350.438	2343.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.200	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.063	1760.044	1761.052	1759.036	G[16]
L[10]	897.506	1719.041	1703.043	1704.050	1702.035	L[15]
G[11]	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1430.901	1404.840	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.795	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1455.950	1239.781	1219.762	1220.770	1218.754	R[9]
R[17]	1611.951	1107.685	1091.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2180.306	502.290	486.280	487.287	485.272	V[4]
L[22]	2273.390	403.230	387.213	388.219	386.203	L[3]
R[23]	2420.491	290.140	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=90.20
- ▶ F113278.dat
- ▶ query=q55947.p1
- ▶ precursor=637.131240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.163	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.109	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.293	860.036	852.027	852.530	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	638.863	682.423	674.414	674.918	673.910	G[11]
A[15]	694.381	653.913	645.903	646.407	645.399	A[10]
R[16]	728.429	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.290	468.281	468.784	467.776	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1011.127	339.716	331.707	332.211	331.203	K[5]
V[21]	1080.657	293.693	285.683	286.187	285.180	V[4]
L[22]	1137.199	202.139	194.130	194.633	193.625	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.703	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

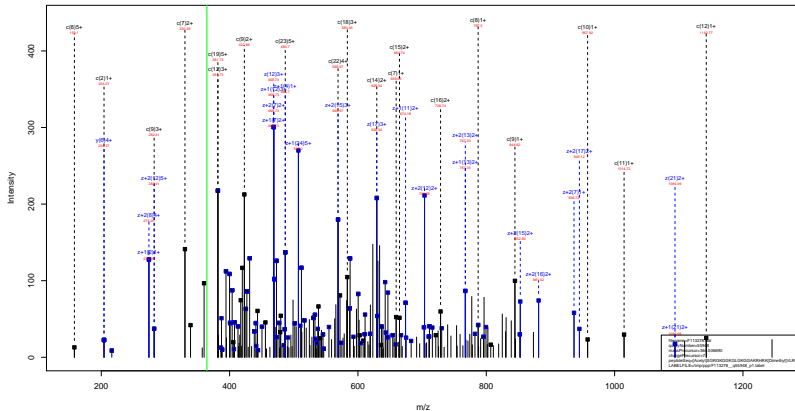
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=90.20
- ▶ F113278.dat
- ▶ query=q55947.p1
- ▶ precursor=637.131240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.359	587.695	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.01
- ▶ F113278.dat
- ▶ query=q55948.p1
- ▶ precursor=364.506690
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.070	2545.502	2529.483	0.000	2528.470	S[24]
G	2	204.096	2518.460	2499.441	0.000	2499.433	G[23]
R	3	360.199	2399.439	2383.419	2364.527	2362.412	R[22]
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K	5	545.315	2148.310	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	957.559	1719.961	1703.943	1704.950	1702.935	L[15]
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.950	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.795	1306.818	1290.799	1291.807	1289.791	A[10]
K	16	1485.850	1235.781	1219.762	1220.770	1218.754	K[9]
R	17	1611.894	1197.686	1181.667	1182.675	1180.659	R[8]
H	18	1749.010	951.582	935.566	936.574	934.558	H[7]
R	19	1905.111	814.520	798.507	799.515	797.499	R[6]
K	20	2061.238	658.425	642.406	643.414	641.398	K[5]
V	21	2100.306	502.290	486.280	487.287	485.272	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
R	23	2429.491	290.140	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.01
- ▶ F113278.dat
- ▶ query=q55948.p1
- ▶ precursor=364.506690
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1273.255	1205.245	0.504	1264.741	S[24]
G	2	102.553	1208.733	1200.724	0.504	1200.220	G[23]
H	3	180.663	1130.223	1172.213	1172.717	1173.709	H[22]
G	4	209.114	1102.172	1094.163	1094.667	1093.659	G[21]
K	5	273.161	1073.661	1065.652	1066.156	1065.148	K[20]
G	6	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	330.183	961.103	973.094	973.598	972.590	G[18]
K	8	394.230	952.592	944.583	945.087	944.079	K[17]
G	9	422.741	898.545	890.536	891.040	890.032	G[16]
L	10	479.283	860.034	852.025	852.529	851.521	L[15]
G	11	507.704	803.492	795.483	795.987	794.979	G[14]
K	12	571.841	774.982	766.972	767.476	766.468	K[13]
G	13	600.352	710.934	702.925	703.429	702.421	G[12]
G	14	628.863	682.423	674.414	674.918	673.910	G[11]
A	15	664.391	653.913	645.903	646.407	645.399	A[10]
K	16	723.429	618.394	610.385	610.889	609.881	K[9]
R	17	806.479	554.347	546.337	546.841	545.833	R[8]
H	18	875.009	476.296	468.287	468.791	467.783	H[7]
R	19	953.059	407.767	399.757	400.261	399.253	R[6]
K	20	1031.122	329.716	321.707	322.211	321.203	K[5]
V	21	1080.657	251.653	243.643	244.147	243.140	V[4]
L	22	1127.199	202.139	194.130	194.633	193.625	L[3]
I	23	1213.249	153.577	137.567	138.071	137.063	I[2]
D	24	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.01
- ▶ F113278.dat
- ▶ query=q55948.p1
- ▶ precursor=364.506690
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	56.704	806.158	800.819	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
C[9]	282.163	592.699	587.360	587.695	587.024	C[16]
L[10]	319.208	573.692	568.352	568.688	568.016	L[15]
G[11]	338.865	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	667.751	220.140	214.807	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl}VLRD
28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.01
- ▶ F113278.dat
- ▶ query=q55948.p1
- ▶ precursor=364.506690
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	57.525	637.131	633.120	0.755	632.874	S[24]
G[2]	51.780	604.870	600.859	0.755	600.614	G[23]
R[3]	90.805	590.615	586.610	586.862	586.353	R[22]
G[4]	105.061	551.590	547.585	547.837	547.333	G[21]
K[5]	137.084	537.334	533.330	533.582	533.078	K[20]
G[6]	151.340	505.311	501.306	501.558	501.054	G[19]
G[7]	165.595	491.055	487.051	487.303	486.799	G[18]
K[8]	197.619	476.800	472.795	473.047	472.543	K[17]
G[9]	213.874	444.776	440.771	441.023	440.520	G[16]
L[10]	280.148	430.521	426.516	426.768	426.264	L[15]
G[11]	254.403	407.265	398.247	398.499	397.993	G[14]
K[12]	286.424	387.994	383.990	384.242	383.738	K[13]
G[13]	300.680	355.971	351.966	352.218	351.714	G[12]
G[14]	314.935	341.715	337.711	337.963	337.459	G[11]
A[15]	332.694	327.460	323.455	323.707	323.203	A[10]
K[16]	364.718	309.701	305.696	305.948	305.444	K[9]
R[17]	403.743	277.877	273.872	273.924	273.420	R[8]
H[18]	438.008	238.652	234.647	234.899	234.395	H[7]
R[19]	477.033	204.367	200.362	200.614	200.110	R[6]
K[20]	516.065	165.362	161.357	161.609	161.105	K[5]
V[21]	540.832	126.330	122.325	122.577	122.073	V[4]
L[22]	569.103	101.563	97.558	97.810	97.306	L[3]
R[23]	608.128	73.292	69.287	69.539	69.035	R[2]
D[24]	636.885	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.01
- ▶ F113278.dat
- ▶ query=q55948.p1
- ▶ precursor=364.506690
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	509.906	506.703	0.806	506.901	S[24]
G[2]	41.625	484.098	480.894	0.806	480.892	G[23]
R[3]	72.846	472.693	469.490	469.691	469.288	R[22]
G[4]	84.250	441.473	438.269	438.471	438.068	G[21]
K[5]	109.869	430.069	426.865	427.067	426.664	K[20]
G[6]	121.273	404.450	401.246	401.448	401.045	G[19]
G[7]	132.677	393.046	389.842	390.043	389.040	G[18]
K[8]	158.296	381.641	378.438	378.639	378.236	K[17]
G[9]	169.104	366.522	362.819	363.020	362.617	G[16]
L[10]	192.318	344.618	341.414	341.616	341.213	L[15]
G[11]	203.722	322.001	318.798	318.999	318.596	G[14]
K[12]	229.341	310.597	307.393	307.595	307.192	K[13]
G[13]	240.745	284.978	281.774	281.976	281.573	G[12]
G[14]	252.149	273.574	270.370	270.572	270.168	G[11]
A[15]	266.357	262.169	258.966	259.167	258.764	A[10]
K[16]	291.976	247.962	244.758	244.960	244.557	K[9]
R[17]	323.196	222.343	219.139	219.341	218.938	R[8]
H[18]	350.608	191.123	187.919	188.121	187.717	H[7]
R[19]	381.828	163.711	160.507	160.709	160.306	R[6]
K[20]	413.053	132.491	129.287	129.489	129.085	K[5]
V[21]	432.867	101.265	98.062	98.263	97.860	V[4]
L[22]	455.484	81.452	78.248	78.450	78.047	L[3]
R[23]	486.704	58.835	55.631	55.833	55.430	R[2]
D[24]	509.769	27.615	24.411	24.613	24.209	D[1]

sp | P62806 | H4_MOUSE

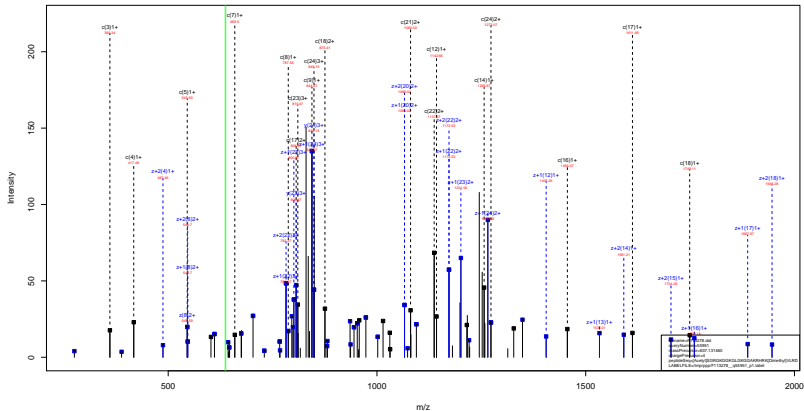
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=40.01
- ▶ F113278.dat
- ▶ query=q55948.p1
- ▶ precursor=364.506690
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	25.352	425.090	422.420	0.839	422.262	S[24]
G[2]	34.856	403.583	400.913	0.839	400.745	G[23]
R[3]	60.873	394.079	391.409	391.577	391.241	R[22]
G[4]	70.376	368.062	365.392	365.560	365.224	G[21]
K[5]	91.725	358.559	355.889	356.057	355.721	K[20]
G[6]	101.229	337.210	334.540	334.708	334.372	G[19]
G[7]	110.732	327.706	325.036	325.204	324.868	G[18]
K[8]	132.062	318.202	315.532	315.701	315.365	K[17]
G[9]	143.589	296.852	294.182	294.351	294.015	G[16]
L[10]	150.433	297.350	294.680	294.848	294.512	L[15]
G[11]	169.936	268.502	265.832	266.000	265.665	G[14]
K[12]	191.285	258.999	256.329	256.497	256.161	K[13]
G[13]	200.789	237.650	234.980	235.148	234.812	G[12]
G[14]	210.292	228.146	225.476	225.644	225.308	G[11]
A[15]	222.132	218.642	215.973	216.141	215.805	A[10]
K[16]	243.481	206.803	204.133	204.301	203.965	K[9]
R[17]	269.498	185.454	182.784	182.952	182.616	R[8]
H[18]	292.341	159.437	156.767	156.935	156.599	H[7]
R[19]	318.358	136.594	133.924	134.092	133.756	R[6]
K[20]	344.379	110.577	107.907	108.075	107.739	K[5]
V[21]	360.890	84.556	81.886	82.054	81.718	V[4]
L[22]	379.738	68.044	65.374	65.543	65.207	L[3]
R[23]	405.755	49.197	46.527	46.695	46.359	R[2]
D[24]	424.926	23.180	20.510	20.678	20.342	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl}VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=116.51
- ▶ F113278.dat
- ▶ query=q55951_p1
- ▶ precursor=637.131460
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2545.502	2529.483	0.000	2528.478	S[24]
G	2	204.908	2416.460	2400.441	0.000	2399.433	G[23]
R	3	358.199	2389.438	2343.419	2344.427	2342.412	R[22]
G	4	417.220	2303.337	2187.318	2198.326	2189.319	G[21]
K	5	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.200	2003.210	2001.194	G[19]
G	7	659.358	1991.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.063	1768.064		1767.056	G[16]
L	10	927.559	1719.961	1703.943	1704.950	1702.935	L[15]
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1109.697	1420.961	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.795	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1455.850	1238.781	1219.763	1220.770	1218.754	R[9]
R	17	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1749.010	951.585	935.566	936.574	934.558	H[7]
R	19	1095.111	814.526	798.507	799.515	797.499	R[6]
K	20	2061.238	658.425	642.406	643.414	641.398	K[5]
V	21	2180.306	502.298	486.280	487.287	485.272	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
R	23	2429.491	298.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=116.51
- ▶ F113278.dat
- ▶ query=q55951_p1
- ▶ precursor=637.131460
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1238.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	269.114	1122.712	1094.163	1094.667	1093.659	G[21]
K[5]	273.161	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	351.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.163	961.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.293	860.036	823.625	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.363	653.913	645.903	646.407	645.399	A[10]
R[16]	728.252	618.399	610.385	610.889	609.881	R[9]
R[17]	806.479	554.341	546.337	546.841	545.833	R[8]
R[18]	875.009	476.200	468.197	468.701	467.783	R[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.657	251.663	243.653	244.147	243.140	V[4]
L[22]	1137.199	202.132	194.123	194.617	193.609	L[3]
R[23]	1215.248	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

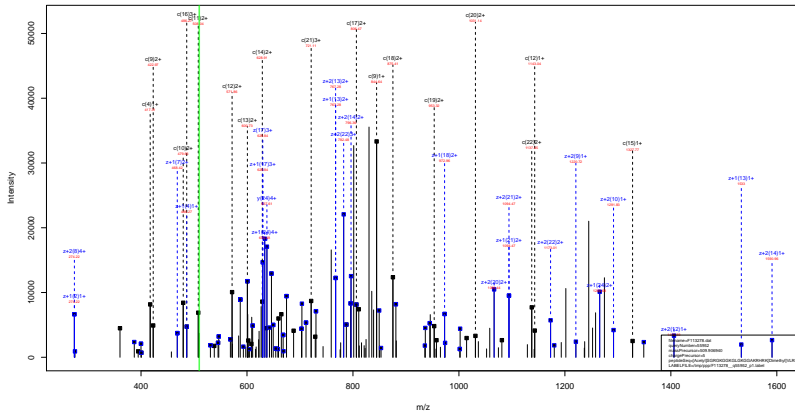
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=116.51
- ▶ F113278.dat
- ▶ query=q55951.p1
- ▶ precursor=637.131460
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.897	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.696	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.146	214.807	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Dimethyl VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=98.84
- ▶ F113278.dat
- ▶ query=q55952.p1
- ▶ precursor=509.906940
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2545.502	2529.483	0.000	2528.478	S[24]
G	2	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R	3	368.199	2389.438	2343.419	2344.427	2342.412	R[22]
G	4	417.220	2303.337	2187.318	2188.326	2186.310	G[21]
K	5	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.200	2003.210	2001.194	G[19]
G	7	659.358	1991.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.063	1760.064	1761.072	1759.056	G[16]
L	10	927.559	1719.061	1703.063	1704.060	1702.035	L[15]
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.959	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1420.901	1404.840	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.755	1306.818	1290.759	1291.807	1289.791	A[10]
R	16	1489.850	1238.781	1219.782	1220.770	1218.764	R[9]
R	17	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1749.010	951.585	935.566	936.574	934.558	H[7]
R	19	1905.111	814.526	798.507	799.515	797.499	R[6]
K	20	2061.238	658.425	642.406	643.414	641.398	K[5]
V	21	2180.306	502.298	486.288	487.297	485.272	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
R	23	2429.491	280.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=98.84
- ▶ F113278.dat
- ▶ query=q55952.p1
- ▶ precursor=509.906940
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1238.731	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.700	R[22]
G[4]	269.114	1100.172	1094.183	1094.667	1093.650	G[21]
K[5]	273.161	1073.062	1025.052	1066.156	1065.143	K[20]
G[6]	351.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.283	860.036	807.025	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.381	653.913	645.903	646.407	645.399	A[10]
R[16]	728.429	628.399	610.385	610.889	609.881	R[9]
R[17]	806.479	554.341	546.337	546.841	545.833	R[8]
R[18]	875.009	476.208	468.207	468.791	467.783	R[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.657	251.663	243.653	244.147	243.140	V[4]
L[22]	1137.199	202.112	194.103	194.613	193.605	L[3]
R[23]	1215.240	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=98.84
- ▶ F113278.dat
- ▶ query=q55952.p1
- ▶ precursor=509.906940
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	58.704	806.158	800.820	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.858	573.692	568.352	568.688	568.016	L[15]
G[11]	338.865	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.988	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.807	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=98.84
- ▶ F113278.dat
- ▶ query=q55952.p1
- ▶ precursor=509.906940
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	637.131	633.126	0.755	632.874	S[24]
G[2]	51.780	604.870	600.866	0.755	600.614	G[23]
R[3]	90.805	590.615	586.610	586.862	586.358	R[22]
G[4]	105.061	551.590	547.585	547.837	547.333	G[21]
K[5]	137.084	537.334	533.330	533.582	533.078	K[20]
G[6]	151.340	505.311	501.306	501.558	501.054	G[19]
G[7]	165.595	491.055	487.051	487.303	486.799	G[18]
K[8]	197.619	476.800	472.795	473.047	472.543	K[17]
G[9]	211.874	444.776	440.771	441.023	440.520	G[16]
L[10]	280.148	430.521	426.516	426.768	426.264	L[15]
G[11]	254.401	402.250	398.245	398.497	397.993	G[14]
K[12]	286.424	387.994	383.989	384.242	383.738	K[13]
G[13]	300.680	355.971	351.966	352.218	351.714	G[12]
G[14]	314.935	341.715	337.711	337.963	337.459	G[11]
A[15]	332.694	327.460	323.455	323.707	323.203	A[10]
K[16]	364.718	309.701	305.696	305.948	305.444	K[9]
R[17]	403.743	277.677	273.672	273.924	273.420	R[8]
H[18]	438.008	238.652	234.647	234.899	234.395	H[7]
R[19]	477.033	204.397	200.392	200.644	200.140	R[6]
K[20]	516.058	165.362	161.357	161.609	161.105	K[5]
V[21]	540.832	126.330	122.325	122.577	122.073	V[4]
L[22]	569.103	101.563	97.558	97.810	97.306	L[3]
R[23]	608.128	73.292	69.287	69.539	69.035	R[2]
D[24]	636.885	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=126.63
- ▶ F113278.dat
- ▶ query=q55955_p1
- ▶ precursor=637.134240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.502	2520.463	0.000	2528.478	S[24]
G[2]	204.008	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	350.199	2350.438	2343.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.200	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.063	1760.064	1761.072	1759.056	G[16]
L[10]	927.559	1719.061	1703.063	1704.050	1702.035	L[15]
G[11]	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.901	1404.842	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.795	1306.818	1290.769	1291.807	1289.791	A[10]
R[16]	1435.850	1238.781	1219.762	1220.770	1218.754	R[9]
R[17]	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1908.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2180.306	502.290	486.280	487.287	485.272	V[4]
L[22]	2273.390	403.230	387.211	388.219	386.203	L[3]
R[23]	2429.491	290.140	274.127	-75.135	273.110	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=126.63
- ▶ F113278.dat
- ▶ query=q55955_p1
- ▶ precursor=637.134240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1238.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.713	1172.717	1171.709	R[22]
G[4]	259.114	1102.152	1094.163	1094.667	1093.659	G[21]
K[5]	273.103	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.070	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.283	860.036	852.027	853.029	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	694.381	653.913	645.903	646.407	645.399	A[10]
R[16]	728.430	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.290	468.281	469.281	467.783	H[7]
R[19]	953.059	407.767	399.757	400.761	399.263	R[6]
K[20]	1031.122	329.716	321.707	322.711	321.203	K[5]
V[21]	1080.667	251.663	243.653	244.657	243.149	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.703	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

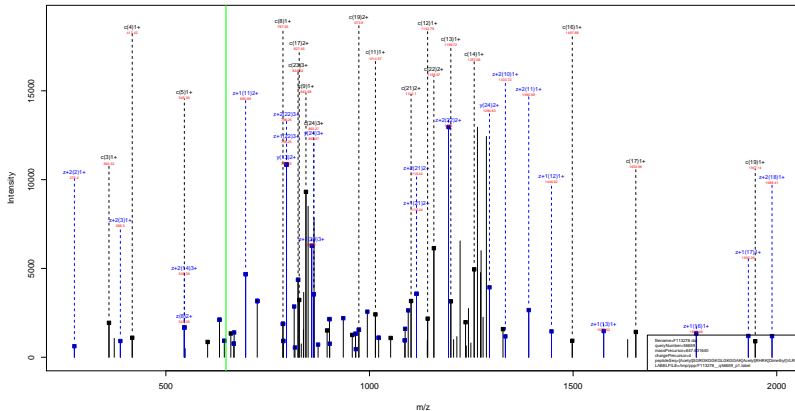
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=126.63
- ▶ F113278.dat
- ▶ query=q55955.p1
- ▶ precursor=637.134240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	849.172	843.833	0.572	843.497	S[24]
G[2]	58.704	806.158	800.818	0.572	800.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.899	587.559	587.896	587.224	G[16]
L[10]	319.258	573.892	568.552	568.888	568.216	L[15]
G[11]	338.265	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	188.104	182.765	183.101	182.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=123.04
- ▶ F113278.dat
- ▶ query=q56659_p1
- ▶ precursor=647.631640
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.676	2587.513	2571.494	0.000	2570.486	S[24]
G[2]	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	358.199	2420.449	2385.430	2386.438	2384.422	R[22]
G[4]	417.230	2345.348	2229.329	2230.337	2228.321	G[21]
K[5]	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.210	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K[8]	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L[10]	957.559	1763.072	1746.053	1748.061	1744.045	L[15]
G[11]	1014.580	1647.985	1631.966	1632.977	1630.961	G[14]
K[12]	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1327.756	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1407.881	1277.791	1261.773	1262.780	1260.765	R[9]
R[17]	1653.962	1107.685	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.406	643.414	641.398	K[5]
V[21]	2202.317	502.298	486.280	487.287	485.272	V[4]
L[22]	2315.401	403.230	387.211	388.219	386.203	L[3]
R[23]	2471.502	298.146	274.127	275.135	273.119	R[2]
D[24]	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Dimethyl}VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=123.04
- ▶ F113278.dat
- ▶ query=q56659_p1
- ▶ precursor=647.631640
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1294.260	1286.261	0.504	1289.747	S[24]
G	2	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R	3	180.603	1201.229	1193.219	1193.723	1192.715	R[22]
G	4	259.114	1123.177	1115.168	1115.972	1114.666	G[21]
K	5	273.151	1094.667	1086.657	1087.161	1086.151	K[20]
G	6	303.672	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	330.183	1002.108	994.099	994.603	993.595	G[18]
K	8	394.230	973.598	965.588	966.092	965.084	K[17]
G	9	422.741	909.550	901.541	902.045	901.037	G[16]
L	10	479.293	869.040	861.030	873.534	872.526	L[15]
G	11	507.794	824.498	816.488	816.992	815.984	G[14]
K	12	571.841	795.987	787.977	788.481	787.474	K[13]
G	13	600.352	731.939	723.930	724.434	723.426	G[12]
G	14	628.863	703.429	695.419	695.923	694.915	G[11]
A	15	694.381	674.919	666.908	667.412	666.405	A[10]
R	16	749.434	639.399	631.390	631.894	630.886	R[9]
R	17	827.485	554.347	546.337	546.841	545.833	R[8]
H	18	896.014	476.290	468.280	468.784	467.776	H[7]
R	19	974.065	407.767	399.757	400.261	399.253	R[6]
K	20	1052.128	329.716	321.707	322.211	321.203	K[5]
V	21	1101.662	251.663	243.653	244.157	243.149	V[4]
L	22	1158.204	202.119	194.109	194.613	193.605	L[3]
R	23	1236.255	145.577	137.567	138.071	137.063	R[2]
D	24	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

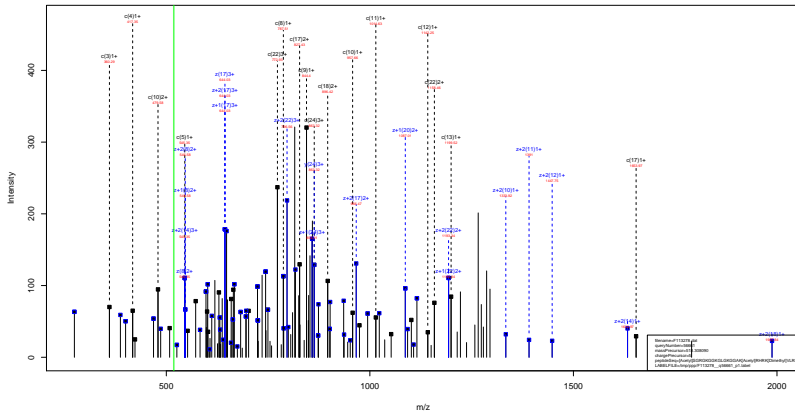
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=123.04
- ▶ F113278.dat
- ▶ query=q56659.p1
- ▶ precursor=647.631640
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S[1]	49.697	863.176	857.836		0.672	857.900	S[24]
G[2]	58.704	320.162	814.822		0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151		795.479	R[22]
G[4]	139.745	749.121	743.781	744.117		743.445	G[21]
K[5]	182.443	730.114	724.774	725.110		724.438	K[20]
G[6]	201.450	687.415	682.076	682.412		681.740	G[19]
G[7]	220.458	668.408	663.069	663.404		662.733	G[18]
K[8]	263.156	649.401	644.061	644.397		643.725	K[17]
G[9]	282.163	606.703	601.363	601.699		601.027	G[16]
L[10]	319.858	587.695	582.355	582.691		582.020	L[15]
G[11]	338.865	550.001	544.661	544.997		544.325	G[14]
K[12]	381.563	530.994	525.654	525.990		525.318	K[13]
G[13]	400.570	488.295	482.956	483.292		482.620	G[12]
G[14]	419.578	469.288	463.949	464.285		463.613	G[11]
A[15]	443.257	450.281	444.941	445.277		444.605	A[10]
K[16]	469.958	426.602	421.262	421.598		420.926	K[9]
R[17]	551.992	369.900	364.561	364.896		364.225	R[8]
H[18]	597.678	317.866	312.527	312.863		312.191	H[7]
R[19]	649.712	272.180	266.841	267.176		266.505	R[6]
K[20]	701.754	220.146	214.807	215.143		214.471	K[5]
V[21]	734.777	168.104	162.765	163.101		162.429	V[4]
L[22]	772.472	135.082	129.742	130.078		129.406	L[3]
R[23]	824.505	97.387	92.047	92.383		91.711	R[2]
D[24]	862.848	45.353	40.014	40.349		39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



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sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=100.26
- ▶ F113278.dat
- ▶ query=q56661_p1
- ▶ precursor=518.308090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.008	2458.470	2442.451	0.000	2441.444	G[23]
R	3	368.199	2401.440	2385.430	2386.438	2384.422	R[22]
G	4	417.230	2245.346	2229.336	2230.337	2228.321	G[21]
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2080.231	2044.210	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.180	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	927.559	1763.072	1746.053	1746.061	1744.045	L[15]
G	11	1014.580	1647.958	1631.900	1632.977	1630.961	G[14]
K	12	1142.675	1590.950	1574.940	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.795	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1409.881	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1653.962	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	914.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.399	K[5]
V	21	2202.317	502.398	486.380	487.387	485.272	V[4]
L	22	2319.401	403.239	387.211	388.219	386.203	L[3]
R	23	2471.502	290.140	274.127	275.135	273.119	R[2]
D	24	2586.520	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=100.26
- ▶ F113278.dat
- ▶ query=q56661_p1
- ▶ precursor=518.308090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1204.260	1286.251	0.504	1285.747	S[24]
G	2	102.553	1220.739	1221.729	0.904	1221.225	G[23]
R	3	180.603	1280.238	1193.219	1193.723	1242.715	R[22]
G	4	209.114	1323.177	1115.168	1115.672	1314.566	G[21]
K	5	273.161	1094.667	1086.657	1087.161	1086.153	K[20]
G	6	301.672	1030.619	1022.810	1023.114	1022.108	G[19]
G	7	330.183	1002.108	994.099	994.603	993.595	G[18]
K	8	394.230	973.598	965.588	966.092	965.084	K[17]
G	9	423.741	908.550	901.541	902.045	901.041	G[16]
L	10	479.283	883.040	873.030	873.534	872.526	L[15]
G	11	507.794	824.495	816.485	816.992	815.982	G[14]
K	12	571.841	795.987	787.977	788.481	787.474	K[13]
G	13	600.352	731.939	723.930	724.434	723.426	G[12]
G	14	628.863	703.429	695.419	695.923	694.915	G[11]
A	15	664.381	674.918	666.908	667.412	666.405	A[10]
R	16	749.434	639.399	631.390	631.894	630.886	R[9]
R	17	827.485	554.387	546.337	546.841	545.833	R[8]
H	18	896.014	476.290	468.287	468.791	467.783	H[7]
R	19	974.065	407.707	399.757	400.261	399.253	R[6]
K	20	1052.128	329.716	321.707	322.211	321.203	K[5]
V	21	1101.662	251.653	243.643	244.147	243.140	V[4]
L	22	1158.204	202.119	194.109	194.613	193.605	L[3]
R	23	1236.255	145.577	137.567	138.071	137.063	R[2]
D	24	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=100.26
- ▶ F113278.dat
- ▶ query=q56661.p1
- ▶ precursor=518.308090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.900	S[24]
G[2]	58.704	320.162	814.827	0.672	814.486	G[23]
R[3]	150.738	801.154	795.815	796.151	795.479	R[22]
G[4]	130.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	887.695	882.355	882.692	882.020	L[15]
G[11]	338.865	150.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	659.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.140	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

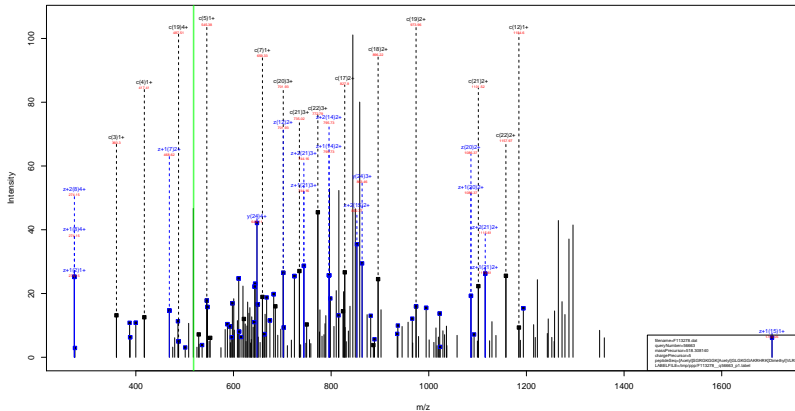
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=100.26
- ▶ F113278.dat
- ▶ query=q56661.p1
- ▶ precursor=518.308090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.795	643.377	S[24]
G[2]	51.780	615.373	611.368	0.795	611.116	G[23]
R[3]	90.895	601.118	597.113	597.365	596.861	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	213.874	459.279	455.274	455.526	455.022	G[16]
L[10]	230.148	441.023	437.019	437.271	436.767	L[15]
G[11]	254.401	412.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	366.473	362.469	362.721	362.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	277.677	273.672	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	487.536	204.387	200.382	200.634	200.130	R[6]
K[20]	526.568	169.362	165.357	165.609	165.105	K[5]
V[21]	551.335	126.130	122.125	122.377	121.873	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl} 42.01 GLGKGGAKRHRK ^{Dimethyl} 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.42
- ▶ F113278.dat
- ▶ query=q56663.p1
- ▶ precursor=518.308140
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	368.199	2401.449	2385.430	2386.438	2384.422	R[22]
G	4	417.230	2345.348	2229.329	2230.337	2228.321	G[21]
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	602.357	2060.211	2044.210	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	829.464	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	886.485	1778.081	1762.084	1761.072	1759.056	G[16]
L	10	909.559	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1056.591	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1184.686	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1241.707	1420.901	1404.840	1405.850	1403.834	G[12]
G	14	1298.729	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1369.766	1306.818	1290.759	1291.807	1289.791	A[10]
R	16	1497.881	1238.781	1219.782	1220.780	1218.764	R[9]
R	17	1653.962	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.317	502.298	486.288	487.287	485.272	V[4]
L	22	2315.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	286.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAKRHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.42
- ▶ F113278.dat
- ▶ query=q56663.p1
- ▶ precursor=518.308140
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.200	1288.251	0.504	1289.747	S[24]
G[2]	102.551	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.601	1201.238	1193.219	1193.723	1192.715	R[22]
G[4]	269.114	1173.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.161	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	351.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.193	1002.108	994.099	994.603	993.595	G[18]
K[8]	415.236	973.598	965.588	966.092	965.084	K[17]
G[9]	443.746	888.545	880.535	881.040	880.032	G[16]
L[10]	609.288	859.034	851.024	852.529	851.521	L[15]
G[11]	528.799	803.002	795.483	795.987	794.979	G[14]
K[12]	592.847	774.982	766.972	767.476	766.468	K[13]
G[13]	621.357	710.934	702.925	703.429	702.421	G[12]
G[14]	649.868	682.423	674.414	674.918	673.910	G[11]
A[15]	683.387	653.912	645.902	646.407	645.399	A[10]
R[16]	749.434	618.904	610.385	610.889	609.881	R[9]
R[17]	827.485	554.147	546.337	546.841	545.833	R[8]
H[18]	896.014	476.206	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	251.692	243.683	244.187	243.180	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1238.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.42
- ▶ F113278.dat
- ▶ query=q56663.p1
- ▶ precursor=518.308140
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.830	0.672	857.500	S[24]
G[2]	58.704	320.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	277.159	649.401	644.061	644.397	643.725	K[17]
G[9]	286.167	592.699	587.360	587.695	587.024	G[16]
L[10]	333.881	574.992	568.327	568.668	568.016	L[15]
G[11]	352.888	535.997	530.658	530.994	530.322	G[14]
K[12]	395.567	516.990	511.651	511.988	511.315	K[13]
G[13]	414.574	474.292	468.952	469.288	468.616	G[12]
G[14]	433.581	455.285	449.945	450.281	449.609	G[11]
A[15]	457.260	436.277	430.938	431.274	430.602	A[10]
K[16]	499.958	412.598	407.259	407.595	406.923	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.140	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

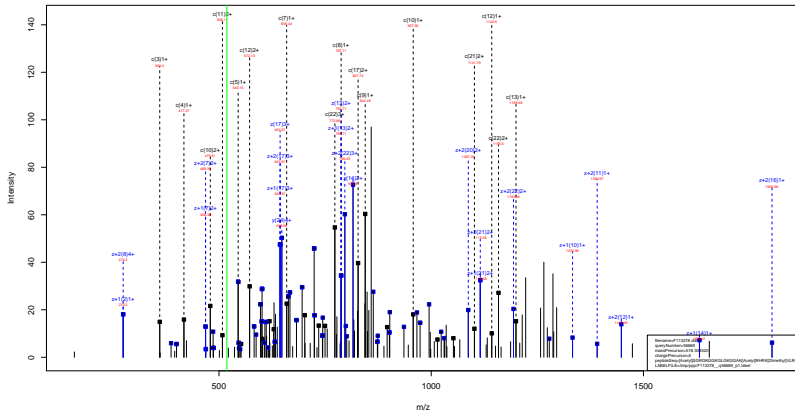
[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAKRHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=62.42
- ▶ F113278.dat
- ▶ query=q56663.p1
- ▶ precursor=518.308140
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.755	643.177	S[24]
G[2]	51.780	615.373	611.368	0.755	611.116	G[23]
R[3]	90.805	601.118	597.113	597.365	596.061	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.980	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	208.121	487.303	483.298	483.550	483.046	K[17]
G[9]	222.377	444.776	440.771	441.023	440.520	G[16]
L[10]	250.048	430.521	426.516	426.768	426.264	L[15]
G[11]	264.303	407.265	398.243	398.497	397.993	G[14]
K[12]	296.027	387.994	383.990	384.242	383.738	K[13]
G[13]	311.182	355.971	351.966	352.218	351.714	G[12]
G[14]	325.438	341.715	337.711	337.963	337.459	G[11]
A[15]	343.197	327.460	323.455	323.707	323.203	A[10]
K[16]	375.221	309.701	305.696	305.948	305.444	K[9]
R[17]	414.246	277.877	273.672	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	487.536	204.397	200.392	200.644	200.140	R[6]
K[20]	525.569	165.362	161.357	161.609	161.105	K[5]
V[21]	551.335	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHRK ^{Dimethyl}28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=87.76
- ▶ F113278.dat
- ▶ query=q56669_p1
- ▶ precursor=518.308320
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	360.199	2401.440	2385.430	2388.438	2384.422	R[22]
G	4	417.220	2349.340	2229.330	2230.337	2228.321	G[21]
K	5	545.315	2185.320	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.181	G[18]
K	8	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.063	1802.075	1803.082	1801.067	G[16]
L	10	927.559	1761.072	1745.053	1746.061	1744.045	L[15]
Q	11	1014.580	1647.985	1631.909	1632.917	1630.901	Q[14]
K	12	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.821	G[11]
A	15	1327.735	1348.825	1332.818	1333.818	1331.802	A[10]
R	16	1407.851	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1653.962	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1967.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.217	502.360	485.380	487.287	485.272	V[4]
L	22	2313.403	463.130	387.211	388.219	386.203	L[3]
R	23	2471.502	290.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	138.026	139.034	137.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=87.76
- ▶ F113278.dat
- ▶ query=q56669_p1
- ▶ precursor=518.308320
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.730	1221.720	0.504	1221.225	G[23]
R[3]	180.603	1201.226	1193.219	1193.723	1192.715	R[22]
G[4]	269.114	1123.177	1115.168	1115.672	1114.666	G[21]
K[5]	273.161	1094.067	1086.057	1087.161	1086.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	427.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.283	881.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.361	674.918	666.908	667.412	666.404	A[10]
R[16]	749.434	636.369	631.360	631.864	630.856	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.208	468.207	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	251.663	243.653	244.147	243.140	V[4]
L[22]	1158.204	202.119	194.108	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=87.76
- ▶ F113278.dat
- ▶ query=q56669.p1
- ▶ precursor=518.308320
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.830	0.672	857.500	S[24]
G[2]	58.704	820.162	814.822	0.672	814.486	G[23]
R[3]	150.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.958	587.695	582.356	582.692	582.020	L[15]
G[11]	338.965	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	659.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.140	214.801	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Dimethyl}VLRD^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=87.76
- ▶ F113278.dat
- ▶ query=q56669.p1
- ▶ precursor=518.308320
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.755	643.377	S[24]
G[2]	51.780	615.373	611.368	0.755	611.116	G[23]
R[3]	90.805	601.118	597.113	597.365	596.861	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	459.279	455.274	455.526	455.022	G[16]
L[10]	280.148	441.023	437.019	437.271	436.767	L[15]
G[11]	254.403	417.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	366.473	362.469	362.721	362.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	277.877	273.872	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	487.536	204.397	200.392	200.644	200.140	R[6]
K[20]	525.568	165.362	161.357	161.609	161.105	K[5]
V[21]	551.335	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.33
- ▶ F113278.dat
- ▶ query=q56671_p1
- ▶ precursor=647.633880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	358.1190	2420.440	2385.430	2386.438	2384.422	R[22]
G	4	417.220	2345.340	2229.330	2230.337	2228.321	G[21]
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.210	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	973.559	1763.072	1746.053	1746.061	1744.045	L[15]
G	11	1014.580	1647.985	1631.966	1632.977	1630.961	G[14]
K	12	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.735	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1497.881	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1653.962	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2315.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	298.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.33
- ▶ F113278.dat
- ▶ query=q56671.p1
- ▶ precursor=647.633880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1294.260	1286.251	0.504	1285.747	S[24]
G	2	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R	3	180.603	1261.228	1191.719	1193.723	1192.715	R[22]
G	4	259.114	1123.777	1115.108	1115.072	1114.666	G[21]
K	5	273.153	1094.667	1085.657	1087.161	1086.151	K[20]
G	6	303.672	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	330.183	1002.108	994.099	994.603	993.595	G[18]
K	8	394.230	973.599	965.588	966.092	965.084	K[17]
G	9	422.741	959.560	961.541	962.045	961.037	G[16]
L	10	479.293	893.040	873.030	873.534	872.526	L[15]
G	11	507.794	824.468	816.458	816.962	815.954	G[14]
K	12	571.841	795.987	787.977	788.481	787.474	K[13]
G	13	600.352	731.939	723.930	724.434	723.426	G[12]
G	14	628.863	703.429	695.419	695.923	694.915	G[11]
A	15	684.381	674.919	666.908	667.412	666.405	A[10]
R	16	749.438	639.399	631.390	631.894	630.886	R[9]
R	17	827.485	554.347	546.337	546.841	545.833	R[8]
H	18	866.014	476.296	468.287	468.791	467.783	H[7]
R	19	974.065	407.767	399.757	400.261	399.253	R[6]
K	20	1052.128	329.716	321.707	322.211	321.203	K[5]
V	21	1101.662	251.663	243.653	244.157	243.149	V[4]
L	22	1158.204	202.119	194.109	194.613	193.605	L[3]
R	23	1236.255	145.577	137.567	138.071	137.063	R[2]
D	24	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

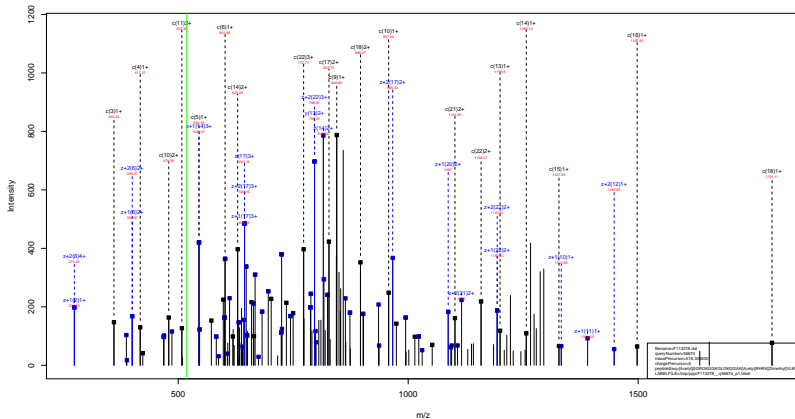
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.33
- ▶ F113278.dat
- ▶ query=q56671_p1
- ▶ precursor=647.633880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.503	S[24]
G[2]	68.704	820.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
C[9]	282.163	606.793	601.353	601.689	601.027	C[16]
L[10]	319.838	587.696	582.356	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	399.900	394.561	394.896	394.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	223.346	218.007	218.343	217.671	K[5]
V[21]	734.777	198.104	192.765	193.101	192.429	V[4]
L[22]	772.472	135.982	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=99.04
- ▶ F113278.dat
- ▶ query=q56674_p1
- ▶ precursor=518.308630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	360.199	2401.440	2385.420	2386.438	2384.422	R[22]
G	4	417.220	2349.340	2229.320	2230.337	2228.321	G[21]
K	5	545.315	2185.320	2172.307	2273.315	2171.300	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.181	G[18]
K	8	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.083	1802.075	1803.082	1801.067	G[16]
L	10	957.559	1761.072	1745.063	1746.061	1744.045	L[15]
Q	11	1014.580	1647.988	1631.969	1632.977	1630.961	Q[14]
K	12	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.755	1348.828	1332.818	1333.826	1331.810	A[10]
R	16	1407.861	1277.793	1261.775	1262.782	1260.765	R[9]
R	17	1653.962	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1967.122	814.526	796.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.217	502.366	486.348	487.357	485.342	V[4]
L	22	2313.403	463.199	387.211	388.219	386.203	L[3]
R	23	2471.502	290.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	138.026	139.034	137.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=99.04
- ▶ F113278.dat
- ▶ query=q56674_p1
- ▶ precursor=518.308630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1236.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1231.729	0.504	1221.229	G[23]
R[3]	180.603	1201.228	1193.219	1193.723	1192.715	R[22]
G[4]	269.114	1123.177	1113.168	1115.672	1114.664	G[21]
K[5]	273.161	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.599	965.588	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.283	861.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.918	666.908	667.412	666.404	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.200	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	251.663	243.653	244.147	243.140	V[4]
L[22]	1158.204	202.119	194.108	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=99.04
- ▶ F113278.dat
- ▶ query=q56674.p1
- ▶ precursor=518.308630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.830	0.672	857.500	S[24]
G[2]	58.704	320.162	814.822	0.672	814.486	G[23]
R[3]	150.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.356	582.692	582.020	L[15]
G[11]	338.865	550.051	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.692	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.140	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

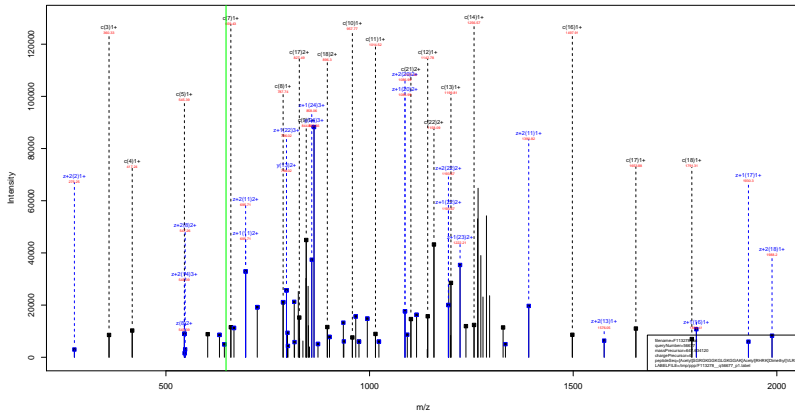
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=99.04
- ▶ F113278.dat
- ▶ query=q56674.p1
- ▶ precursor=518.308630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.620	0.758	643.377	S[24]
G[2]	51.780	615.373	611.368	0.795	611.116	G[23]
R[3]	90.805	601.118	597.113	597.365	596.861	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	458.279	454.274	454.526	454.022	G[16]
L[10]	240.145	441.021	437.019	437.271	436.767	L[15]
G[11]	254.401	412.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	386.473	382.469	382.721	382.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	277.671	273.672	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	487.536	204.387	200.382	200.634	200.130	R[6]
K[20]	528.568	168.362	164.357	164.609	164.105	K[5]
V[21]	551.135	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl RHRK Dimethyl VLRD
42.01 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=131.24
- ▶ F113278.dat
- ▶ query=q56677_p1
- ▶ precursor=647.634120
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2507.513	2571.494	0.000	2570.486	S[24]
G[2]	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	350.190	2401.440	2385.430	2386.438	2384.422	R[22]
G[4]	417.230	2345.340	2229.320	2230.337	2228.321	G[21]
K[5]	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.210	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K[8]	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L[10]	937.559	1763.072	1746.053	1746.061	1744.045	L[15]
G[11]	1014.580	1647.985	1631.960	1632.977	1630.961	G[14]
K[12]	1142.675	1590.960	1574.940	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1327.755	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1407.881	1277.791	1261.773	1262.780	1260.765	R[9]
R[17]	1653.962	1107.680	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.405	643.414	641.398	K[5]
V[21]	2202.317	502.290	486.280	487.287	485.272	V[4]
L[22]	2315.401	403.230	387.211	388.219	386.203	L[3]
R[23]	2471.502	290.140	274.127	275.135	273.119	R[2]
D[24]	2586.520	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=131.24
- ▶ F113278.dat
- ▶ query=q56677_p1
- ▶ precursor=647.634120
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1204.260	1286.251	0.904	1285.747	S[24]
G	2	102.563	1220.739	1221.729	0.904	1221.225	G[23]
R	3	180.603	1280.238	1193.219	1193.723	1192.715	R[22]
G	4	209.114	1323.177	1115.168	1115.672	1114.664	G[21]
K	5	273.161	1094.667	1086.657	1087.161	1086.153	K[20]
G	6	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	330.183	1002.108	994.099	994.603	993.595	G[18]
K	8	394.230	973.598	965.588	966.092	965.084	K[17]
G	9	422.741	908.550	901.541	902.045	901.037	G[16]
L	10	479.283	883.040	873.030	873.534	872.526	L[15]
G	11	507.794	824.495	818.488	816.992	815.984	G[14]
K	12	571.841	795.987	787.977	788.481	787.474	K[13]
G	13	600.352	731.939	723.930	724.434	723.426	G[12]
G	14	628.863	703.429	695.419	695.923	694.915	G[11]
A	15	664.381	674.918	666.908	667.412	666.405	A[10]
R	16	739.434	639.399	631.390	631.894	630.886	R[9]
R	17	827.485	554.347	546.337	546.841	545.833	R[8]
H	18	896.014	476.290	468.287	468.791	467.783	H[7]
R	19	974.065	407.767	399.757	400.261	399.253	R[6]
K	20	1052.128	329.716	321.707	322.211	321.203	K[5]
V	21	1101.662	251.653	243.643	244.147	243.140	V[4]
L	22	1158.204	202.119	194.109	194.613	193.605	L[3]
R	23	1236.255	145.577	137.567	138.071	137.063	R[2]
D	24	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

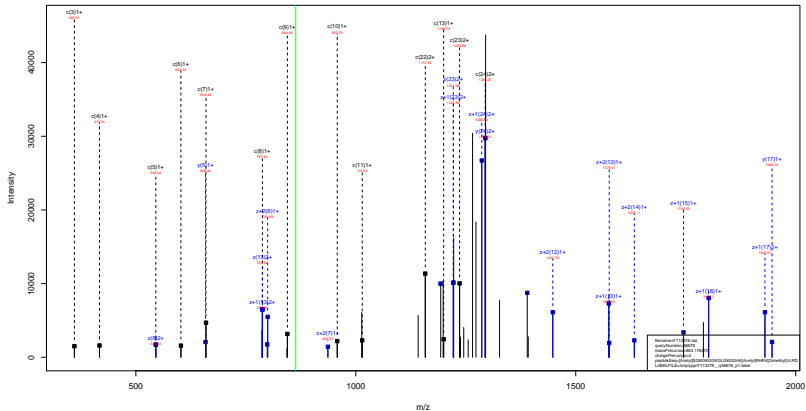
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=131.24
- ▶ F113278.dat
- ▶ query=q56677.p1
- ▶ precursor=647.634120
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.503	S[24]
G[2]	68.704	820.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
C[9]	282.163	606.793	601.353	601.689	601.027	C[16]
L[10]	319.858	587.696	582.356	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.329	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	399.900	394.561	394.896	394.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.346	214.907	215.243	214.571	K[5]
V[21]	734.777	198.104	192.765	193.101	192.429	V[4]
L[22]	772.472	135.982	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.26
- ▶ F113278.dat
- ▶ query=q56678_p1
- ▶ precursor=863.176470
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	360.199	2401.440	2385.430	2388.438	2384.422	R[22]
G	4	417.220	2349.340	2229.330	2230.337	2228.321	G[21]
K	5	945.315	2185.320	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.181	G[18]
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.083	1802.075	1803.082	1801.067	G[16]
L	10	957.559	1761.072	1745.063	1746.061	1744.045	L[15]
G	11	1014.580	1647.988	1631.969	1632.977	1630.961	G[14]
K	12	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.735	1348.826	1332.810	1333.818	1331.802	A[10]
R	16	1407.881	1297.793	1281.774	1282.782	1280.765	R[9]
R	17	1653.962	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1967.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.217	502.360	486.280	487.287	485.272	V[4]
L	22	2313.403	463.239	447.211	448.219	446.203	L[3]
R	23	2471.502	290.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.26
- ▶ F113278.dat
- ▶ query=q56678.p1
- ▶ precursor=863.176470
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1201.226	1193.219	1193.723	1192.715	R[22]
G[4]	269.114	1123.177	1115.169	1115.672	1114.664	G[21]
K[5]	273.161	1094.067	1086.057	1087.161	1085.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.599	965.589	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	881.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.361	674.918	666.908	667.412	666.404	A[10]
R[16]	708.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.341	546.331	546.841	545.833	R[8]
H[18]	896.014	476.200	468.191	468.701	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.126	329.716	321.707	322.211	321.203	K[5]
V[21]	1107.660	251.663	243.653	244.147	243.140	V[4]
L[22]	1158.204	392.119	384.109	384.613	383.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=92.74
- ▶ F113278.dat
- ▶ query=q56683.p1
- ▶ precursor=647.634350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2507.513	2571.496	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	350.199	2420.449	2385.430	2385.430	2384.422	R[22]
G	4	417.230	2345.340	2229.320	2230.337	2228.321	G[21]
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	927.559	1783.072	1745.053	1746.061	1744.045	L[15]
G	11	1014.580	1547.985	1531.969	1632.977	1530.961	G[14]
K	12	1142.675	1590.969	1574.949	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.755	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1407.883	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1653.962	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2315.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	290.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=92.74
- ▶ F113278.dat
- ▶ query=q56683.p1
- ▶ precursor=647.634350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.261	0.504	1289.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
K[3]	180.603	1304.229	1301.729	1193.723	1302.710	K[22]
G[4]	259.114	1123.177	1115.168	1119.707	1114.564	G[21]
K[5]	273.153	1094.567	1086.657	1087.161	1085.151	K[20]
G[6]	303.672	1030.619	1022.610	1023.114	1022.100	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	965.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.031	G[16]
L[10]	479.293	893.040	891.039	893.034	892.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.420	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.919	666.908	667.412	666.405	A[10]
R[16]	749.434	639.399	631.390	631.894	630.880	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.290	468.280	468.781	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	253.693	245.683	246.187	245.180	V[4]
L[22]	1158.204	202.139	194.129	194.633	193.625	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.708	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

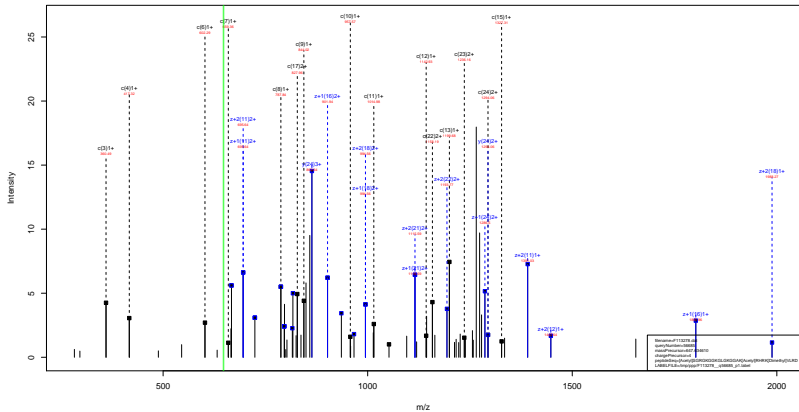
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=92.74
- ▶ F113278.dat
- ▶ query=q56683.p1
- ▶ precursor=647.634350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	58.704	320.162	314.822	0.672	314.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.793	601.353	601.689	601.027	G[16]
L[10]	319.858	587.695	582.356	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.146	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.48
- ▶ F113278.dat
- ▶ query=q56685_p1
- ▶ precursor=647.634610
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.008	2458.470	2442.451	0.000	2441.444	G[23]
R	3	360.199	2620.440	2385.430	2386.438	2384.422	R[22]
G	4	417.220	2345.340	2229.320	2230.327	2228.321	G[21]
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.210	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	957.559	1763.072	1745.053	1746.061	1744.045	L[15]
G	11	1014.580	1647.985	1631.966	1632.977	1630.961	G[14]
K	12	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.795	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1487.883	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1653.962	1107.680	1091.661	1092.675	1090.650	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2315.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	290.140	274.122	275.135	273.119	R[2]
D	24	2586.520	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.48
- ▶ F113278.dat
- ▶ query=q56685_p1
- ▶ precursor=647.634610
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.730	1221.720	0.504	1221.225	G[23]
R[3]	180.603	1201.226	1193.219	1193.723	1192.715	R[22]
G[4]	269.114	1123.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.161	1094.067	1086.057	1085.161	1085.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.590	965.580	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	881.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.361	674.918	666.908	667.412	666.404	A[10]
R[16]	788.438	639.399	631.389	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.200	468.190	468.701	467.783	H[7]
R[19]	974.005	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1107.860	251.663	243.653	244.147	243.140	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

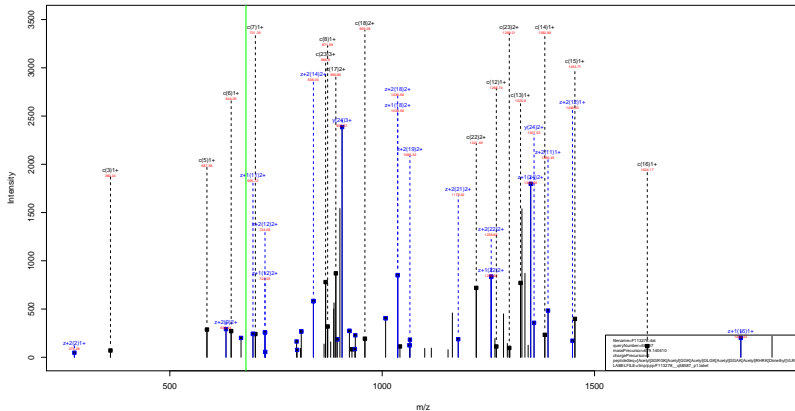
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=66.48
- ▶ F113278.dat
- ▶ query=q56685.p1
- ▶ precursor=647.634610
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.503	S[24]
G[2]	68.704	820.822	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
C[9]	282.163	606.793	601.353	601.689	601.027	C[16]
L[10]	319.838	587.896	582.356	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.054	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	399.900	394.561	394.896	394.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	223.346	214.807	215.143	214.471	K[5]
V[21]	734.777	198.104	182.765	183.101	182.429	V[4]
L[22]	772.472	135.982	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 **GGK** Acetyl 42.01 **GLGK** Acetyl 42.01 **GGAK** Acetyl 42.01 **RHRK** Dimethyl 28.03 **VLRD**



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{42.01} Acetyl GGK_{42.01} Acetyl GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl RHRK_{28.03} Dimethyl VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=89.17
- ▶ F113278.dat
- ▶ query=q58587_p1
- ▶ precursor=679.140410
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	273.544	2697.526	0.000	2696.518	S[24]
G	2	204.098	2584.502	2568.483	0.000	2567.475	G[23]
R	3	360.199	2527.480	2511.463	2512.470	2510.454	R[22]
G	4	417.225	2371.379	2356.361	2356.368	2354.353	G[21]
K	5	587.326	2314.358	2298.339	2299.347	2297.331	K[20]
G	6	644.347	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	701.369	2087.231	2071.215	2072.220	2070.204	G[18]
K	8	871.474	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	928.496	1880.104	1844.085	1845.093	1843.077	G[16]
L	10	1041.580	1803.062	1787.044	1788.051	1786.036	L[15]
G	11	1088.601	1588.998	1673.980	1674.987	1672.972	G[14]
K	12	1268.707	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1325.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1382.750	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1453.787	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1623.893	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1779.994	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1917.053	951.585	935.566	936.574	934.558	H[7]
R	19	2073.154	814.526	798.507	799.515	797.499	R[6]
K	20	2229.280	658.425	642.406	643.414	641.398	K[5]
V	21	2326.348	502.290	486.280	487.287	485.272	V[4]
L	22	2441.432	403.230	387.211	388.219	386.203	L[3]
R	23	2587.534	280.140	274.127	275.135	273.119	R[2]
D	24	2712.590	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=89.17
- ▶ F113278.dat
- ▶ query=q58587.p1
- ▶ precursor=679.140410
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1357.276	1349.267	0.504	1349.761	S 24
G 2	102.553	1292.755	1284.745	0.504	1284.241	G 23
R 3	180.603	1264.244	1256.234	1256.738	1255.731	R 22
G 4	259.114	1198.193	1172.183	1178.688	1177.681	G 21
K 5	294.157	1157.683	1149.673	1150.177	1149.150	K 20
G 6	322.677	1072.630	1064.620	1065.124	1064.117	G 19
G 7	351.188	1044.119	1036.110	1036.614	1035.606	G 18
K 8	436.241	1015.608	1007.599	1008.103	1007.095	K 17
G 9	464.752	930.556	922.546	923.050	922.042	G 16
L 10	511.294	902.045	894.035	894.539	893.532	L 15
G 11	540.804	845.503	837.493	837.997	836.990	G 14
K 12	634.857	816.992	808.983	809.487	808.479	K 13
G 13	663.368	731.939	723.930	724.434	723.426	G 12
G 14	691.879	703.429	695.419	695.923	694.915	G 11
A 15	720.389	674.918	666.908	667.412	666.404	A 10
R 16	812.450	639.399	631.389	631.894	630.886	R 9
R 17	890.500	554.347	546.337	546.841	545.833	R 8
H 18	959.030	476.290	468.280	468.784	467.776	H 7
R 19	1037.080	407.767	399.757	400.261	399.253	R 6
K 20	1125.144	329.716	321.707	322.211	321.203	K 5
V 21	1164.676	251.653	243.643	244.147	243.140	V 4
L 22	1221.220	202.119	194.109	194.613	193.605	L 3
R 23	1299.270	145.577	137.567	138.071	137.063	R 2
D 24	1356.704	67.526	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

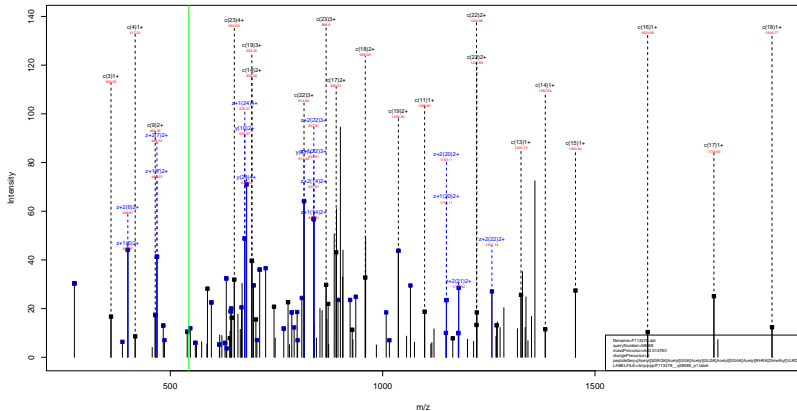
[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **RHRK** Dimethyl
28.03 **VLRD**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=89.17
- ▶ F113278.dat
- ▶ query=q58587.p1
- ▶ precursor=679.140410
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	905.186	899.847	0.572	599.511	S[24]
G[2]	58.704	852.172	856.833	0.572	856.497	G[23]
R[3]	120.738	943.165	837.825	838.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.075	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	658.705	653.365	653.701	653.031	G[16]
L[10]	347.895	601.699	596.359	596.695	596.023	L[15]
G[11]	366.572	564.054	558.695	559.031	558.359	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.689	317.866	312.527	312.863	312.191	H[7]
R[19]	691.723	272.180	266.841	267.176	266.505	R[6]
K[20]	743.765	220.140	214.801	215.143	214.471	K[5]
V[21]	776.788	168.154	162.795	163.101	162.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	866.516	97.387	92.047	92.383	91.711	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=95.52
- ▶ F113278.dat
- ▶ query=q58588.p1
- ▶ precursor=543.514760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
S	11	147.076	2713.544	2697.526	0.000	2696.518	S	24
G	2	234.998	2504.362	2598.483	0.000	2597.475	G	23
R	3	360.199	2527.480	2511.462	2512.470	2510.454	R	22
G	4	417.220	2371.379	2355.361	2356.368	2354.353	G	21
K	5	507.326	2314.358	2298.339	2299.347	2297.331	K	20
G	6	644.347	2144.252	2128.234	2129.241	2127.226	G	19
G	7	701.369	2087.231	2071.212	2072.220	2070.204	G	18
K	8	871.474	2030.209	2014.191	2015.198	2013.183	K	17
G	9	928.496	1890.104	1884.085	1885.093	1883.077	G	16
L	10	1041.390	1803.981	1787.964	1788.971	1786.956	L	15
G	11	1098.601	1689.958	1673.940	1674.947	1672.932	G	14
K	12	1268.707	1632.937	1616.918	1617.926	1615.910	K	13
G	13	1325.728	1462.871	1446.853	1447.860	1445.845	G	12
G	14	1382.750	1405.850	1389.831	1390.839	1388.823	G	11
A	15	1453.787	1348.828	1332.810	1333.818	1331.802	A	10
K	16	1623.893	1277.791	1261.773	1262.780	1260.765	K	9
R	17	1719.994	1159.686	1091.667	1092.675	1090.659	R	8
H	18	1917.053	951.582	935.566	936.574	934.558	H	7
R	19	2073.154	814.526	798.507	799.515	797.499	R	6
K	20	2229.280	658.425	642.406	643.414	641.398	K	5
V	21	2328.348	502.298	486.280	487.287	485.272	V	4
L	22	2441.432	403.230	387.211	388.219	386.203	L	3
K	23	2597.534	290.140	274.127	275.135	273.119	K	2
D	24	2712.560	134.045	118.028	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{42.01} Acetyl GGK_{42.01} Acetyl GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl RHRK_{28.03} Dimethyl VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=95.52
- ▶ F113278.dat
- ▶ query=q58588.p1
- ▶ precursor=543.514760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1157.276	1340.267	0.504	1348.761	S[24]
G[2]	102.553	1292.755	1284.745	0.504	1284.241	G[23]
K[3]	180.603	1264.244	1256.234	1256.738	1255.731	K[22]
G[4]	259.114	1156.193	1178.184	1178.688	1177.689	G[21]
K[5]	294.157	1157.683	1148.673	1158.177	1149.169	K[20]
G[6]	322.677	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	436.241	1015.608	1007.599	1008.103	1007.599	K[17]
G[9]	464.752	930.595	922.585	923.090	922.584	G[16]
L[10]	511.254	902.045	894.035	894.539	893.532	L[15]
G[11]	540.804	845.503	837.493	837.997	836.990	G[14]
K[12]	634.857	816.992	808.983	809.487	808.479	K[13]
G[13]	663.368	731.939	723.930	724.434	723.426	G[12]
G[14]	691.879	703.429	695.419	695.923	694.915	G[11]
A[15]	721.387	674.918	666.909	667.412	666.405	A[10]
R[16]	812.450	636.399	631.390	631.894	630.886	R[9]
R[17]	890.500	554.347	546.337	546.841	545.831	R[8]
H[18]	959.030	476.290	468.287	468.791	467.783	H[7]
R[19]	1037.080	407.767	399.757	400.261	399.253	R[6]
K[20]	1112.144	329.716	321.707	322.211	321.203	K[5]
V[21]	1164.678	251.653	243.643	244.147	243.140	V[4]
L[22]	1221.220	202.119	194.109	194.613	193.605	L[3]
R[23]	1290.270	145.577	137.567	138.071	137.063	R[2]
D[24]	1356.704	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **RHRK** Dimethyl
28.03 **VLRD**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=95.52
- ▶ F113278.dat
- ▶ query=q58588.p1
- ▶ precursor=543.514760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	305.189	899.847	0.672	899.511	S[24]
G[2]	58.704	362.172	856.831	0.672	856.497	G[23]
R[3]	120.738	841.165	837.825	830.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.058	672.394	671.732	K[17]
G[9]	310.170	620.705	615.367	615.703	615.031	G[16]
L[10]	347.885	601.699	596.359	596.695	596.023	L[15]
G[11]	366.872	564.004	558.665	559.001	558.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.669	317.866	312.527	312.863	312.191	H[7]
R[19]	691.723	272.180	266.841	267.176	266.505	R[6]
K[20]	743.765	220.140	214.807	215.143	214.471	K[5]
V[21]	776.788	168.104	162.765	163.101	162.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	866.516	97.387	92.047	92.383	91.711	R[2]
D[24]	964.858	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=95.52
- ▶ F113278.dat
- ▶ query=q58588.p1
- ▶ precursor=543.514760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	679.142	675.137	0.755	674.085	S[24]
G[2]	51.780	546.081	642.876	0.755	642.624	G[23]
R[3]	90.005	632.626	628.621	628.873	628.369	R[22]
G[4]	105.061	593.600	589.596	589.848	589.344	G[21]
K[5]	147.507	579.345	575.340	575.592	575.088	K[20]
G[6]	161.842	536.819	532.814	533.066	532.562	G[19]
G[7]	176.098	522.563	518.558	518.810	518.307	G[18]
K[8]	218.624	508.308	504.303	504.555	504.051	K[17]
G[9]	232.879	495.781	491.777	492.029	491.525	G[16]
L[10]	261.150	451.526	447.521	447.773	447.269	L[15]
G[11]	275.406	423.255	419.250	419.502	418.998	G[14]
K[12]	317.932	409.000	404.995	405.247	404.743	K[13]
G[13]	332.188	366.473	362.469	362.721	362.217	G[12]
G[14]	346.443	352.218	348.213	348.465	347.961	G[11]
A[15]	364.202	337.963	333.958	334.210	333.706	A[10]
K[16]	408.729	320.203	316.199	316.451	315.947	K[9]
R[17]	445.754	277.877	273.672	273.924	273.420	R[8]
H[18]	480.019	238.652	234.647	234.899	234.395	H[7]
R[19]	519.044	204.397	200.392	200.644	200.140	R[6]
K[20]	558.075	165.362	161.357	161.609	161.105	K[5]
V[21]	582.843	126.330	122.325	122.577	122.073	V[4]
L[22]	611.114	101.563	97.558	97.810	97.306	L[3]
R[23]	650.139	73.292	69.287	69.539	69.035	R[2]
D[24]	678.896	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK**^{Acetyl}_{42.01} **G**G**K**^{Acetyl}_{42.01} **G**L**G****K**^{Acetyl}_{42.01} **G**G**A****K**^{Acetyl}_{42.01} **R**H**R****K**^{Dimethyl}_{28.03} **V**L**R****D**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=81.46
- ▶ F113278.dat
- ▶ query=q58591_p1
- ▶ precursor=679.142130
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	273.544	2697.526	0.000	2696.518	S[24]
G	2	204.098	2584.502	2568.483	0.000	2567.475	G[23]
R	3	360.199	2527.480	2511.463	2512.470	2510.454	R[22]
G	4	417.225	2371.379	2356.361	2356.368	2354.353	G[21]
K	5	587.326	2314.358	2298.339	2299.347	2297.331	K[20]
G	6	644.347	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	701.369	2087.231	2071.213	2072.220	2070.204	G[18]
K	8	871.474	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	928.496	1880.104	1864.085	1845.093	1843.077	G[16]
L	10	1041.580	1803.062	1787.044	1788.071	1786.056	L[15]
G	11	1098.601	1588.995	1673.980	1674.987	1672.972	G[14]
K	12	1268.707	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1325.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1382.750	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1453.787	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1623.893	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1779.994	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1917.053	951.585	935.566	936.574	934.558	H[7]
R	19	2073.194	814.526	798.507	799.515	797.499	R[6]
K	20	2229.280	658.425	642.406	643.414	641.398	K[5]
V	21	2326.348	502.290	486.280	487.287	485.272	V[4]
L	22	2441.432	403.230	387.211	388.219	386.203	L[3]
R	23	2587.534	280.140	274.127	275.135	273.119	R[2]
D	24	2712.560	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=81.46
- ▶ F113278.dat
- ▶ query=q58591_p1
- ▶ precursor=679.142130
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1357.276	1340.267	0.504	1348.763	S[24]
G	2	102.553	1292.755	1284.745	0.904	1284.241	G[23]
R	3	180.603	1284.244	1295.234	1256.738	1295.711	R[22]
G	4	209.114	1336.193	1179.184	1178.668	1177.668	G[21]
K	5	204.167	1157.683	1149.673	1150.177	1149.169	K[20]
G	6	322.677	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	436.241	1015.608	1007.599	1008.103	1007.095	K[17]
G	9	464.752	930.596	922.586	923.090	922.082	G[16]
L	10	501.284	902.045	894.035	914.529	893.521	L[15]
G	11	549.804	845.503	837.493	837.997	836.990	G[14]
K	12	634.857	816.992	808.983	809.487	808.479	K[13]
G	13	663.366	731.939	723.930	724.434	723.426	G[12]
G	14	691.879	703.429	695.419	695.923	694.915	G[11]
A	15	727.397	674.918	666.908	667.412	666.405	A[10]
R	16	812.450	639.399	631.390	631.894	630.886	R[9]
R	17	890.500	554.347	546.337	546.841	545.833	R[8]
H	18	959.030	476.290	468.280	468.791	467.783	H[7]
R	19	1037.080	407.767	399.757	400.261	399.253	R[6]
K	20	1115.144	329.716	321.707	322.211	321.203	K[5]
V	21	1164.678	251.653	243.643	244.147	243.140	V[4]
L	22	1221.220	202.119	194.109	194.613	193.605	L[3]
R	23	1299.270	145.577	137.567	138.072	137.063	R[2]
D	24	1356.784	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **RHRK** Dimethyl
28.03 **VLRD**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=81.46
- ▶ F113278.dat
- ▶ query=q58591_p1
- ▶ precursor=679.142130
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	905.186	899.847	0.572	599.511	S[24]
G[2]	58.704	852.172	856.833	0.572	856.497	G[23]
R[3]	120.738	943.165	837.825	838.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.075	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	650.705	645.365	645.701	645.031	G[16]
L[10]	347.895	601.699	596.359	596.695	596.023	L[15]
G[11]	366.572	564.054	558.695	559.031	558.359	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.689	317.866	312.527	312.863	312.191	H[7]
R[19]	691.723	272.180	266.841	267.176	266.505	R[6]
K[20]	743.765	220.140	214.801	215.143	214.471	K[5]
V[21]	776.788	168.104	162.765	163.101	162.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	866.516	97.387	92.047	92.383	91.711	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.82
- ▶ F113278.dat
- ▶ query=q58616.p1
- ▶ precursor=679.889710
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	115.087	2716.536	2700.517	0.000	2099.509	P[25]
E	2	244.229	2019.483	2053.464	0.000	2052.456	E[24]
P	3	341.182	2490.440	2474.422	0.000	2473.414	P[23]
A	4	412.219	2393.387	2377.369	0.000	2376.361	A[22]
K	5	540.314	2322.350	2306.332	2307.339	2305.324	K[21]
S	6	627.346	2184.255	2178.237	2179.244	2177.229	S[20]
A	7	698.383	2107.223	2091.205	2092.212	2090.197	A[19]
P	8	795.436	2036.186	2020.168	2021.175	2019.160	P[18]
A	9	866.473	1939.133	1923.115	1924.123	1922.107	A[17]
P	10	963.526	1868.098	1852.079	1853.085	1851.070	P[16]
K	11	1091.621	1771.044	1755.025	1756.033	1754.017	K[15]
K	12	1210.716	1642.949	1626.930	1627.938	1625.922	K[14]
Q	13	1220.739	1514.854	1498.835	1499.843	1497.827	Q[13]
S	14	1363.769	1457.832	1441.813	1442.821	1440.805	S[12]
K	15	1533.875	1370.800	1354.781	1355.789	1353.774	K[11]
K	16	1703.980	1200.695	1184.676	1185.684	1183.668	K[10]
A	17	1775.017	1030.589	1014.570	1015.578	1013.563	A[9]
V	18	1874.088	959.527	943.508	944.516	942.501	V[8]
T	19	1875.133	860.464	844.465	845.473	843.457	T[7]
K	20	2435.239	759.435	743.417	744.425	742.409	K[6]
A	21	2216.276	589.350	573.312	574.320	572.304	A[5]
Q	22	2344.335	518.293	502.275	503.282	501.267	Q[4]
K	23	2472.430	390.235	374.216	375.224	373.209	K[3]
K	24	2600.525	262.140	246.121	247.129	245.113	K[2]
D	25	2735.552	134.045	118.026	119.034	117.018	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK ^{Acetyl}_{42.01} K ^{Acetyl}_{42.01} AVTK ^{Acetyl}_{42.01} AQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.82
- ▶ F113278.dat
- ▶ query=q58616.p1
- ▶ precursor=679.889710
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F 1	58.047	1358.771	1350.762	0.504	1350.253	P 25
E 3	127.588	1310.245	1302.236	0.504	1301.732	C 4
F 3	171.095	1245.725	1221.744	0.504	1221.231	P 25
A 4	256.613	1197.197	1189.188	0.504	1188.684	A 22
K 5	270.601	1161.679	1153.669	1154.173	1153.166	K 21
S 6	314.177	1097.631	1089.622	1090.126	1089.118	S 20
A 7	349.695	1054.115	1046.106	1046.610	1045.602	A 19
F 8	388.222	1018.597	1010.587	1011.091	1010.083	F 18
A 9	433.740	970.070	962.061	962.565	961.557	A 17
F 10	482.287	934.552	926.542	927.046	926.039	F 16
K 11	546.314	886.025	878.016	878.520	877.512	K 15
K 12	610.362	821.979	813.969	814.473	813.465	K 14
C 13	638.872	757.935	749.921	750.425	749.417	C 13
S 14	682.388	729.420	721.410	721.914	720.906	S 12
K 15	767.441	685.904	677.894	678.398	677.390	K 11
K 16	852.494	600.851	592.842	593.346	592.338	K 10
A 17	888.012	515.798	507.789	508.293	507.285	A 9
V 18	937.547	480.380	472.370	472.874	471.866	V 8
T 19	968.670	438.745	429.736	429.240	428.232	T 7
K 20	1073.123	380.222	372.212	372.716	371.708	K 6
A 21	1108.642	295.169	287.159	287.663	286.656	A 5
Q 22	1172.671	259.656	251.641	252.145	251.137	Q 4
K 23	1236.718	195.621	187.612	188.116	187.108	K 3
K 24	1380.766	131.974	123.964	124.468	123.460	K 2
D 25	1358.270	67.526	59.517	60.021	59.013	D 1

sp | Q6ZWH9 | H2B1C_MOUSE

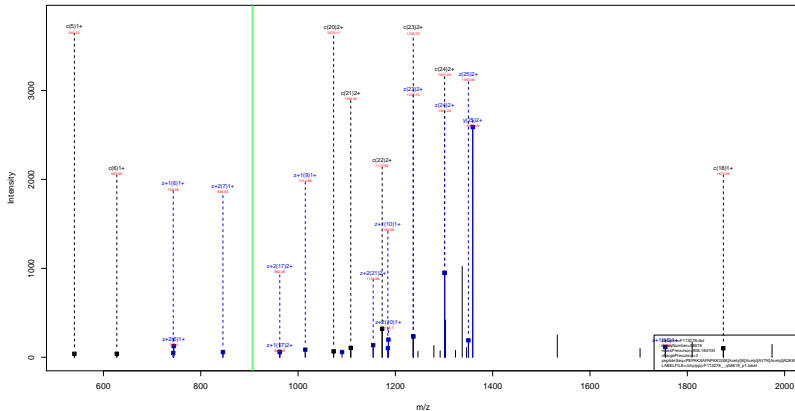
PEPAKSAPAPKKGSK ^{Acetyl}_{42.01} K ^{Acetyl}_{42.01} AVTK ^{Acetyl}_{42.01} AQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=41.82
- ▶ F113278.dat
- ▶ query=q58616.p1
- ▶ precursor=679.889710
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	39.034	906.183	900.844	0.672	900.508	P25
E2	82.048	873.832	868.493	0.672	868.157	E24
P3	114.399	830.818	825.479	0.672	825.143	P23
A4	138.078	798.467	793.128	0.672	792.792	A22
K5	180.776	774.788	769.449	769.785	769.113	K21
S6	209.787	732.990	725.750	727.088	726.414	S20
A7	233.466	703.076	697.740	698.076	697.404	A19
P8	265.817	679.400	674.061	674.397	673.725	P18
A9	289.496	647.049	641.710	642.046	641.374	A17
P10	321.847	623.370	618.031	618.367	617.695	P16
K11	364.545	591.019	585.680	586.016	585.344	K15
K12	407.243	548.321	542.981	543.317	542.646	K14
G13	426.251	505.623	500.283	500.619	499.947	G13
S14	455.261	486.616	481.276	481.612	480.940	S12
R15	511.963	457.605	452.265	452.601	451.929	K11
K16	568.665	400.903	395.563	395.899	395.228	K10
A17	592.344	344.201	338.862	339.198	338.526	A9
V18	625.367	320.522	315.183	315.519	314.847	V8
T19	689.049	287.499	282.159	282.496	281.824	T17
K20	715.751	253.817	248.477	248.813	248.141	K6
A21	739.430	197.115	191.775	192.111	191.439	A5
Q22	782.116	173.436	168.096	168.432	167.760	Q4
K23	824.815	130.750	125.410	125.746	125.074	K3
K24	867.513	88.051	82.712	83.048	82.376	K2
D25	905.855	45.353	40.014	40.349	39.678	D1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK ^{Acetyl}K _{42.01} AVTK ^{Acetyl}K _{42.01} AQKKD ^{Acetyl}K _{42.01}



sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.60
- ▶ F113278.dat
- ▶ query=q58619_p1
- ▶ precursor=906.184700
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	2716.539	2700.517	0.000	2699.505	P25
E2	244.129	2019.483	2003.464	0.000	2002.450	E24
P13	341.182	2090.440	2474.432	0.000	2473.414	P23
A4	412.219	2393.387	2377.369	0.000	2376.361	A22
K5	540.314	2322.350	2306.332	2307.339	2305.324	K21
S6	627.346	2104.255	2178.237	2179.244	2177.229	S20
A7	698.283	2107.222	2091.205	2092.212	2090.191	A19
P8	795.438	2036.186	2020.168	2021.176	2019.161	P18
A9	866.473	1930.133	1923.115	1924.123	1922.107	A17
P10	963.526	1868.096	1852.078	1853.085	1851.070	P16
K11	1001.621	1771.044	1755.025	1756.033	1754.017	K15
K12	1219.716	1642.949	1626.930	1627.938	1625.922	K14
G13	1276.737	1514.894	1498.875	1499.883	1497.867	G13
S14	1363.769	1457.832	1441.813	1442.821	1440.805	S12
K15	1533.875	1370.800	1354.781	1355.789	1353.774	K11
K16	1701.980	1200.695	1184.676	1185.684	1183.668	K10
A17	1775.017	1030.589	1014.570	1015.578	1013.563	A0
V18	1874.086	950.552	943.533	944.541	942.525	V8
T10	1075.133	860.484	844.465	845.473	843.457	T10
R20	2149.239	759.436	743.417	744.425	742.409	R6
A21	2216.276	589.330	573.312	574.320	572.304	A5
Q22	2344.335	518.293	502.275	503.282	501.267	Q4
K23	2472.430	390.235	374.216	375.224	373.208	K3
K24	2600.525	262.140	246.121	247.129	245.113	K2
D25	2715.552	134.045	118.028	119.034	117.018	D1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.60
- ▶ F113278.dat
- ▶ query=q58619.p1
- ▶ precursor=906.184700
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	58.047	1358.771	1350.762	0.504	1350.295	P 25
E 2	132.588	1310.245	1302.236	0.504	1301.712	E 24
P 3	171.095	1245.728	1237.714	0.504	1237.210	P 23
A 4	206.613	1197.197	1189.188	0.504	1188.684	A 22
K 5	270.661	1161.679	1153.669	1154.173	1153.166	K 21
S 6	314.177	1097.631	1089.622	1090.126	1089.118	S 20
A 7	349.695	1054.115	1046.106	1046.610	1045.602	A 19
P 8	389.222	1018.597	1010.587	1011.091	1010.082	P 18
A 9	433.740	970.070	962.061	962.565	961.552	A 17
P 10	482.267	934.552	926.542	927.046	926.039	P 16
K 11	546.314	886.025	878.016	878.520	877.512	K 15
K 12	610.362	821.070	813.060	814.473	813.465	K 14
Q 13	638.372	797.930	789.921	790.425	789.417	Q 13
S 14	682.388	729.420	721.410	721.914	720.906	S 12
K 15	707.441	685.904	677.894	678.398	677.390	K 11
K 16	852.494	600.851	592.842	593.346	592.338	K 10
A 17	888.012	515.799	507.789	508.293	507.285	A 9
V 18	937.547	480.280	472.270	472.774	471.766	V 8
T 19	981.076	430.745	422.736	423.240	422.232	T 7
K 20	1073.123	380.222	372.211	372.716	371.708	K 6
A 21	1108.642	295.160	287.150	287.663	286.656	A 5
Q 22	1172.671	259.650	251.641	252.145	251.137	Q 4
K 23	1236.718	195.621	187.612	188.116	187.108	K 3
K 24	1300.766	131.574	123.564	124.068	123.060	K 2
D 25	1358.279	67.528	59.519	60.021	59.013	D 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.04
- ▶ F113278.dat
- ▶ query=q58846.p1
- ▶ precursor=683.394690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	115.087	27.90.551	2724.533	0.000	2713.525	P[25]
D	3	230.114	2833.498	2617.480	0.000	2610.472	D[24]
P	3	327.168	2519.472	2502.453	0.000	2501.445	P[23]
A	4	398.203	2421.410	2405.400	0.000	2404.392	A[22]
K	5	526.298	2350.382	2334.363	2335.371	2333.355	K[21]
S	6	613.330	2222.397	2206.268	2207.276	2205.360	S[20]
A	7	684.368	21.85.295	2119.236	2120.244	2118.228	A[19]
P	8	781.420	2084.218	2068.189	2049.201	2047.191	P[18]
A	9	852.457	1987.162	1951.148	1952.154	1950.138	A[17]
P	10	949.510	1896.128	1880.109	1881.117	1879.101	P[16]
K	11	1077.605	1799.070	1783.056	1784.064	1782.048	K[15]
K	12	1205.700	1670.980	1654.961	1655.969	1653.953	K[14]
Q	13	1282.722	1542.895	1526.866	1527.874	1525.858	Q[13]
S	14	1369.754	1485.804	1469.845	1470.853	1468.837	S[12]
K	15	1519.859	1368.831	1352.813	1383.821	1381.805	K[11]
K	16	1689.965	1228.728	1212.707	1213.715	1211.699	K[10]
A	17	1781.002	1058.620	1042.602	1043.610	1041.594	A[9]
V	18	1860.070	987.583	971.565	972.572	970.557	V[8]
T	19	1981.118	888.515	872.496	873.504	871.488	T[7]
K	20	2111.233	787.461	771.449	772.456	770.441	K[6]
V	21	2230.292	617.362	601.343	602.351	600.335	V[5]
Q	22	2388.360	518.291	502.275	503.282	501.267	Q[4]
K	23	2489.445	390.235	374.216	375.224	373.208	K[3]
K	24	2614.540	302.140	286.121	287.129	285.113	K[2]
D	25	2729.587	134.045	118.026	119.034	117.018	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.04
- ▶ F113278.dat
- ▶ query=q58846.p1
- ▶ precursor=683.394690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA	
P	1	58.647	1365.779	1397.770	0.504	1397.266	P[25]
D	3	115.560	1317.253	1309.244	0.504	1308.740	D[24]
P	3	104.087	1259.730	1251.730	0.504	1251.226	P[23]
A	4	199.605	1311.213	1203.204	0.504	1202.700	A[22]
K	5	263.653	1175.694	1167.695	1168.189	1167.181	K[21]
S	6	307.169	1111.647	1103.638	1104.142	1103.134	S[20]
A	7	362.697	1058.131	1060.122	1060.626	1059.618	A[19]
P	8	391.214	932.612	1024.603	1025.107	1024.099	P[18]
A	9	426.732	984.086	976.077	976.581	975.572	A[17]
P	10	475.259	948.567	940.559	941.062	940.054	P[16]
K	11	539.306	900.041	892.032	892.536	891.528	K[15]
K	12	603.354	835.994	827.984	828.488	827.480	K[14]
Q	13	637.404	771.995	763.937	764.441	763.433	Q[13]
S	14	675.390	743.435	735.426	735.930	734.922	S[12]
K	15	760.433	699.919	691.910	692.414	691.406	K[11]
K	16	845.486	614.867	606.857	607.361	606.353	K[10]
A	17	881.005	529.814	521.804	522.308	521.301	A[9]
V	18	930.539	464.295	456.286	456.790	455.782	V[8]
T	19	981.063	414.761	406.752	407.256	406.248	T[7]
K	20	1069.115	394.237	386.229	386.732	385.725	K[6]
V	21	1115.650	309.184	301.175	301.679	300.671	V[5]
Q	22	1179.679	259.650	251.641	252.145	251.137	Q[4]
K	23	1243.726	195.621	187.612	188.116	187.108	K[3]
K	24	1307.774	131.574	123.564	124.068	123.060	K[2]
D	25	1385.287	87.526	79.517	80.021	79.013	D[1]

sp | Q64525 | H2B2B_MOUSE

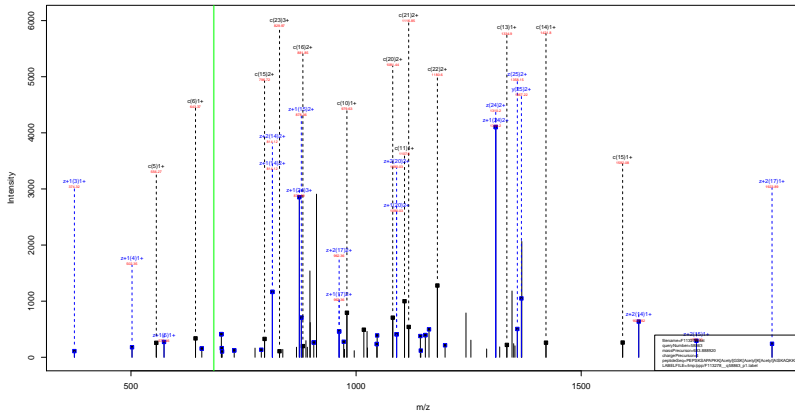
PDKAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.04
- ▶ F113278.dat
- ▶ query=q58846.p1
- ▶ precursor=683.394690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	39.034	910.855	905.510	0.672	905.180	P25
D2	77.376	878.504	873.165	0.672	872.829	D24
P3	109.727	840.162	834.822	0.672	834.487	P23
A4	133.406	807.811	802.472	0.672	802.136	A22
K5	178.104	784.132	778.792	779.128	778.457	K21
S6	305.113	741.434	735.094	735.430	735.758	S20
A7	228.794	712.423	707.063	707.419	706.748	A19
P8	261.145	688.744	683.404	683.740	683.069	P18
A9	284.824	656.393	651.054	651.389	650.718	A17
P10	317.175	632.714	627.375	627.710	627.039	P16
K11	359.873	600.363	595.024	595.360	594.688	K15
K12	402.572	557.665	552.325	552.661	551.989	K14
G13	421.579	514.967	509.627	509.963	509.291	G13
S14	450.589	495.959	490.620	490.956	490.284	S12
K15	507.291	466.949	461.609	461.945	461.273	K11
K16	563.993	410.247	404.907	405.243	404.571	K10
A17	587.672	353.545	348.205	348.541	347.869	A9
V18	620.695	329.896	324.556	324.892	324.190	V8
T19	654.377	298.843	293.504	293.840	293.168	T17
K20	711.079	263.161	257.821	258.157	257.485	K6
V21	744.102	206.459	201.119	201.455	200.783	V5
Q22	786.788	173.436	168.096	168.432	167.760	Q4
K23	829.487	130.750	125.410	125.746	125.074	K3
K24	872.185	88.051	82.712	83.048	82.376	K2
D25	910.527	45.353	40.014	40.349	39.678	D1

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK Acetyl GSK Acetyl K Acetyl AISKAQKKD
 42.01 42.01 42.01



sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AISKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.43
- ▶ F113278.dat
- ▶ query=q58863.p1
- ▶ precursor=683.888920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	115.987	2732.531	2716.512	0.000	2715.504	P[25]	
E	244.129	2935.476	2919.459	0.000	2918.451	E[24]	
P	341.182	2506.435	2490.418	0.000	2489.409	P[23]	
S	4	438.214	2409.382	2393.364	0.000	2392.356	S[22]
K	5	556.309	2322.350	2306.332	2307.339	2305.324	K[21]
S	6	643.341	2104.255	2178.237	2179.244	2177.229	S[20]
A	7	714.278	2107.222	2091.205	2092.212	2090.191	A[19]
P	8	811.431	2036.186	2020.168	2021.176	2019.161	P[18]
A	9	862.468	1930.133	1923.115	1924.123	1922.107	A[17]
P	10	979.521	1868.096	1852.078	1853.085	1851.070	P[16]
K	11	1107.616	1771.044	1755.025	1756.033	1754.017	K[15]
K	12	1277.721	1642.949	1626.930	1627.938	1625.922	K[14]
G	13	1334.743	1472.843	1456.824	1457.832	1455.817	G[13]
S	14	1421.775	1315.822	1309.803	1309.811	1308.795	S[12]
K	15	1591.880	1328.790	1312.771	1313.779	1311.763	K[11]
K	16	1761.988	1158.684	1142.665	1143.673	1141.658	K[10]
A	17	1833.023	988.579	972.560	973.568	971.552	A[0]
T	18	1946.107	917.541	901.523	902.531	900.515	T[8]
S	19	2033.139	804.497	788.479	789.446	787.431	S[7]
K	20	2109.234	717.425	701.407	702.414	700.399	K[6]
A	21	2232.271	589.330	573.312	574.320	572.304	A[5]
Q	22	2360.330	518.293	502.275	503.282	501.267	Q[4]
K	23	2488.425	400.235	374.216	375.224	373.208	K[3]
K	24	2616.520	282.140	246.121	247.129	245.113	K[2]
D	25	2731.546	134.045	118.028	119.034	117.018	D[1]

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK Acetyl GSK Acetyl K Acetyl AISKAQKKD
42.01 42.01 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.43
- ▶ F113278.dat
- ▶ query=q58863.p1
- ▶ precursor=683.888920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1366.769	1358.760	0.504	1358.256	P[25]
E	2	122.588	1348.243	1310.233	0.504	1309.720	E[24]
F	3	171.096	1283.721	1245.713	0.504	1245.200	F[23]
S	4	214.611	1205.195	1197.185	0.504	1196.662	S[22]
K	5	278.658	1161.679	1153.669	1154.173	1153.166	K[21]
S	6	322.174	1097.631	1089.622	1090.126	1089.118	S[20]
A	7	357.693	1034.115	1046.106	1046.610	1045.602	A[19]
F	8	406.219	1018.597	1010.587	1011.991	1010.985	F[18]
A	9	441.738	970.070	962.061	962.565	961.557	A[17]
P	10	480.264	934.552	926.542	927.946	926.939	P[16]
K	11	554.311	886.025	878.016	878.520	877.512	K[15]
K	12	639.364	821.979	813.969	814.473	813.465	K[14]
C	13	687.975	786.925	728.916	729.420	728.412	C[13]
S	14	711.394	708.814	700.805	700.909	699.901	S[12]
K	15	796.444	664.898	656.889	657.393	656.385	K[11]
K	16	881.497	678.846	671.836	672.840	671.832	K[10]
A	17	917.015	694.793	686.784	687.287	686.280	A[9]
I	18	977.527	659.274	651.265	651.769	650.761	I[8]
S	19	1017.673	602.735	594.723	595.227	594.219	S[7]
K	20	1081.121	559.215	551.207	551.711	550.703	K[6]
A	21	1116.639	595.169	587.159	587.663	586.656	A[5]
Q	22	1180.668	559.656	551.641	552.145	551.137	Q[4]
K	23	1244.716	195.621	187.612	188.116	187.108	K[3]
K	24	1308.763	131.574	123.564	124.068	123.060	K[2]
D	25	1366.277	67.526	59.517	60.021	59.013	D[1]

sp | Q64475 | H2B1B_MOUSE

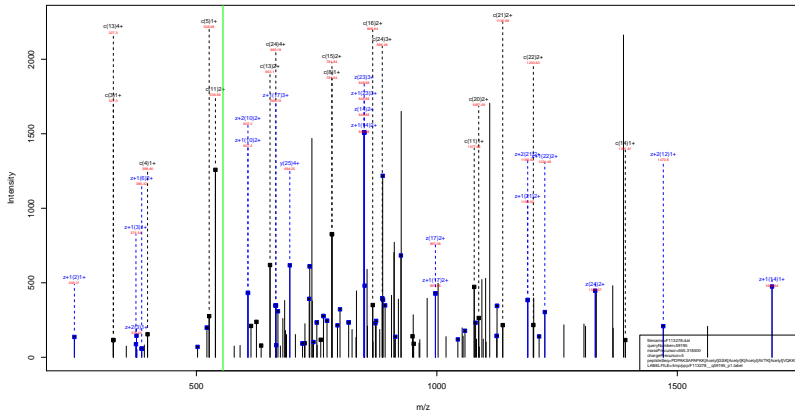
PEPSKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AISKAKKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.43
- ▶ F113278.dat
- ▶ query=q58863.p1
- ▶ precursor=683.888920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	39.034	911.515	906.175	0.672	906.840	P25
E2	82.048	879.164	873.825	0.672	873.489	E24
P3	114.399	836.150	830.810	0.672	830.474	P23
S4	143.410	803.799	798.459	0.672	798.123	S22
K5	186.108	774.788	769.448	769.785	769.113	K21
S6	215.119	732.590	725.750	727.088	726.414	S20
A7	238.798	703.075	697.740	698.076	697.404	A19
P8	271.148	679.400	674.061	674.397	673.725	P18
A9	294.828	647.049	641.710	642.046	641.374	A17
P10	327.178	623.370	618.031	618.367	617.695	P16
K11	369.877	591.019	585.680	586.016	585.344	K15
K12	406.579	548.321	542.981	543.317	542.646	K14
G13	445.586	491.619	486.280	486.616	485.944	G13
S14	474.596	472.612	467.272	467.608	466.937	S12
R15	511.298	443.601	438.262	438.598	437.926	K11
K16	588.000	386.900	381.560	381.896	381.224	K10
A17	611.879	330.186	324.838	325.184	324.522	A9
I18	649.174	305.519	301.179	301.515	300.843	I8
S19	678.385	268.824	263.484	263.820	263.148	S7
K20	721.083	239.813	234.474	234.810	234.138	K6
A21	744.762	197.115	191.775	192.111	191.439	A5
Q22	787.448	173.436	168.096	168.432	167.760	Q4
K23	830.146	130.750	125.410	125.746	125.074	K3
K24	872.845	88.051	82.712	83.048	82.376	K2
D25	911.187	45.353	40.014	40.349	39.678	D1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK Acetyl GSK Acetyl K Acetyl AVTK Acetyl VQKKD
42.01 42.01 42.01 42.01



sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.48
- ▶ F113278.dat
- ▶ query=q59195.p1
- ▶ precursor=555.318400
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	2772.562	2756.543	0.000	2755.535	P125
D3	239.114	2875.509	2859.490	0.000	2858.482	D24
P3	327.166	2560.482	2544.463	0.000	2543.456	P123
A4	398.203	2461.429	2445.411	0.000	2444.403	A122
K5	526.298	2392.392	2376.373	2377.381	2375.366	K121
S6	613.330	2264.297	2248.279	2249.286	2247.271	S20
A7	864.268	2177.265	2161.247	2162.254	2160.239	A119
P8	781.420	2108.229	2092.210	2093.217	2091.202	P118
A9	852.497	2009.173	1993.157	1994.164	1992.149	A117
P10	949.510	1938.138	1922.120	1923.127	1921.112	P116
K11	1077.605	1841.085	1825.067	1826.075	1824.059	K115
K12	1247.711	1712.991	1696.972	1697.980	1695.964	K114
Q13	1304.732	1542.893	1526.875	1527.883	1525.867	Q113
S14	1391.764	1485.864	1469.846	1470.853	1468.837	S112
K15	1561.876	1398.831	1382.813	1383.821	1381.805	K111
K16	1731.975	1228.728	1212.707	1213.715	1211.699	K110
A17	1803.012	1058.620	1042.602	1043.610	1041.594	A10
V18	1902.081	987.583	971.565	972.572	970.557	V8
T19	2003.126	888.515	872.496	873.504	871.488	T17
K20	2173.234	787.469	771.449	772.456	770.441	K16
V21	2272.302	617.362	601.343	602.351	600.335	V15
Q22	2400.361	518.293	502.275	503.282	501.267	Q4
K23	2528.456	390.235	374.216	375.224	373.208	K3
K24	2656.551	302.140	246.121	247.129	245.113	K2
D25	2771.578	134.045	118.026	119.034	117.018	D1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.48
- ▶ F113278.dat
- ▶ query=q59195.p1
- ▶ precursor=555.318400
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	a+1	a+2	z	AA
P	1	58.047	1386.785	1378.775	0.504	1378.271	P[25]
D	3	115.560	1338.258	1330.249	0.504	1329.745	D[24]
P	3	104.087	1280.745	1272.735	0.504	1272.231	P[23]
A	4	199.605	1232.218	1224.209	0.504	1223.705	A[22]
K	5	263.653	1196.700	1188.690	1189.194	1188.189	K[21]
S	6	307.169	1132.652	1124.643	1125.147	1124.139	S[20]
A	7	362.697	1099.136	1091.127	1091.631	1080.623	A[19]
P	8	393.214	1053.618	1045.609	1046.112	1045.104	P[18]
A	9	426.732	1005.091	997.082	997.586	996.578	A[17]
P	10	475.259	969.573	961.563	962.067	961.059	P[16]
K	11	539.306	921.046	913.037	913.541	912.533	K[15]
K	12	624.359	855.999	848.990	849.493	848.486	K[14]
G	13	652.870	771.346	763.337	764.341	763.333	G[13]
S	14	698.389	743.435	735.426	735.930	734.922	S[12]
K	15	781.438	699.919	691.910	692.414	691.406	K[11]
K	16	866.491	614.867	606.857	607.361	606.353	K[10]
A	17	902.010	529.814	521.804	522.308	521.301	A[9]
V	18	951.544	484.295	486.288	486.790	485.782	V[8]
T	19	1002.088	444.761	436.752	437.256	436.248	T[7]
K	20	1087.121	394.227	386.220	386.732	385.725	K[6]
V	21	1136.655	309.184	301.175	301.679	300.671	V[5]
Q	22	1200.684	259.650	251.641	252.145	251.137	Q[4]
K	23	1264.732	195.621	187.612	188.116	187.108	K[3]
K	24	1328.779	131.574	123.564	124.068	123.060	K[2]
D	25	1388.293	87.528	79.519	80.021	79.013	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 VQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.48
- ▶ F113278.dat
- ▶ query=q59195.p1
- ▶ precursor=555.318400
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	30.034	924.850	919.519	0.672	019.183	P[25]
D[2]	77.376	892.508	887.168	0.672	886.832	D[24]
F[3]	109.727	854.166	848.826	0.672	848.490	F[23]
A[4]	133.406	821.815	816.475	0.672	816.139	A[22]
K[5]	176.104	798.136	792.796	793.132	792.400	K[21]
S[6]	205.115	756.437	750.098	750.434	749.762	S[20]
A[7]	228.794	726.421	721.087	721.423	720.751	A[19]
F[8]	261.145	702.745	697.405	697.744	697.072	F[18]
A[9]	294.824	670.397	665.057	665.393	664.721	A[17]
P[10]	317.175	646.718	641.378	641.714	641.042	P[16]
K[11]	359.873	614.367	609.027	609.363	608.691	K[15]
K[12]	418.575	571.668	566.329	566.665	565.993	K[14]
G[13]	435.582	514.967	509.627	509.963	509.291	G[13]
S[14]	464.593	495.959	490.620	490.956	490.284	S[12]
K[15]	523.295	456.049	451.009	451.345	451.273	K[11]
K[16]	577.997	410.247	404.907	405.243	404.571	K[10]
A[17]	601.676	353.545	348.205	348.541	347.869	A[9]
V[18]	634.698	329.866	324.526	324.862	324.190	V[8]
T[19]	668.381	296.843	291.504	291.840	291.168	T[7]
K[20]	725.083	263.161	257.821	258.157	257.485	K[6]
V[21]	758.106	206.459	201.119	201.455	200.783	V[5]
Q[22]	800.792	173.436	168.096	168.432	167.760	Q[4]
K[23]	843.490	130.750	125.410	125.746	125.074	K[3]
K[24]	886.188	88.051	82.712	83.048	82.376	K[2]
D[25]	924.311	48.353	40.014	40.349	39.678	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.48
- ▶ F113278.dat
- ▶ query=q59195.p1
- ▶ precursor=555.318400
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	29.527	693.096	689.891	0.755	689.639	P
D	2	58.284	669.633	665.628	0.755	665.376	D
P	3	82.547	640.876	636.871	0.755	636.619	P
A	4	100.306	616.613	612.608	0.755	612.356	A
K	5	132.330	598.854	594.849	595.101	594.597	K
S	6	154.088	566.835	562.235	563.077	562.373	S
A	7	171.847	545.072	541.057	541.319	540.515	A
P	8	196.111	527.312	523.308	523.560	523.056	P
A	9	213.870	503.049	499.045	499.297	498.793	A
P	10	238.133	485.290	481.285	481.537	481.033	P
K	11	270.157	461.027	457.022	457.274	456.770	K
K	12	312.683	429.003	424.998	425.250	424.746	K
G	13	326.938	386.477	382.472	382.724	382.220	G
S	14	348.696	372.221	368.217	368.469	367.965	S
K	15	391.223	350.463	346.459	346.711	346.207	K
K	16	433.749	307.937	303.932	304.184	303.680	K
A	17	451.509	285.411	281.406	281.658	281.154	A
V	18	476.276	247.651	243.647	243.899	243.395	V
T	19	501.538	222.884	218.880	219.131	218.628	T
K	20	544.064	197.622	193.618	193.870	193.366	K
V	21	568.831	155.096	151.091	151.343	150.839	V
Q	22	600.846	130.329	126.324	126.576	126.072	Q
K	23	632.869	98.314	94.309	94.561	94.057	K
K	24	664.893	66.290	62.286	62.538	62.034	K
D	25	693.650	34.267	30.262	30.514	30.010	D

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=74.93
- ▶ F113278.dat
- ▶ query=q59197_p1
- ▶ precursor=693.896730
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA	
P	1	115.087	2772.962	2796.543	0.000	2795.535	P 25
D	3	230.114	2675.509	2659.490	0.000	2658.482	D 24
P	3	327.168	2560.482	2544.463	0.000	2543.456	P 23
A	4	398.203	2463.429	2447.411	0.000	2446.403	A 22
K	5	526.298	2392.392	2376.373	2377.361	2375.356	K 21
S	6	613.330	2284.297	2268.279	2269.266	2247.271	S 20
A	7	684.368	2177.265	2161.247	2162.234	2160.230	A 19
P	8	781.420	2108.228	2092.209	2093.217	2091.202	P 18
A	9	852.457	2009.175	1993.157	1994.164	1992.149	A 17
P	10	949.510	1938.138	1922.120	1923.127	1921.112	P 16
K	11	1077.605	1841.085	1825.067	1826.075	1824.059	K 15
K	12	1247.711	1712.991	1696.972	1697.980	1695.964	K 14
Q	13	1304.732	1642.954	1626.936	1627.944	1625.928	Q 13
S	14	1381.164	1495.864	1489.845	1470.853	1468.837	S 12
K	15	1561.870	1398.831	1382.813	1383.821	1381.805	K 11
K	16	1731.975	1228.726	1212.707	1213.715	1211.699	K 10
A	17	1803.012	1098.620	1042.602	1043.610	1041.594	A 9
V	18	1902.081	987.583	971.565	972.572	970.557	V 8
T	19	2003.126	898.535	872.496	873.504	871.488	T 7
K	20	2173.234	787.467	771.449	772.456	770.441	K 6
V	21	2272.302	617.362	601.343	602.351	600.335	V 5
Q	22	2400.361	518.293	502.275	503.282	501.267	Q 4
K	23	2528.456	409.235	374.216	375.224	373.209	K 3
K	24	2656.551	262.140	246.121	247.129	245.113	K 2
D	25	2771.578	134.045	118.026	119.034	117.018	D 1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=74.93
- ▶ F113278.dat
- ▶ query=q59197.p1
- ▶ precursor=693.896730
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1386.785	1378.775	0.504	1378.271	P[25]
D	2	115.569	1132.252	1330.249	0.504	1329.745	D[24]
F	3	154.057	1280.745	1272.735	0.504	1272.231	F[23]
A	4	199.605	1232.218	1224.209	0.504	1223.705	A[22]
K	5	253.653	1196.700	1188.690	1189.194	1188.186	K[21]
S	6	307.109	1132.652	1124.643	1125.147	1124.139	S[20]
A	7	342.657	1089.136	1081.127	1081.631	1080.623	A[19]
F	8	393.214	1053.618	1045.609	1046.113	1045.104	F[18]
A	9	426.732	1035.091	997.082	997.586	995.578	A[17]
P	10	475.259	969.573	961.563	962.067	961.059	P[16]
K	11	539.306	921.046	913.037	913.541	912.533	K[15]
K	12	624.359	856.999	848.990	849.493	848.486	K[14]
C	13	652.870	771.946	763.937	764.441	763.433	C[13]
S	14	695.356	743.430	735.426	735.930	734.922	S[12]
K	15	781.438	699.915	691.910	692.414	691.406	K[11]
K	16	866.491	614.867	606.857	607.361	606.353	K[10]
A	17	902.010	529.814	521.804	522.308	521.301	A[9]
V	18	951.544	494.295	486.285	486.790	485.782	V[8]
T	19	1002.068	444.761	436.752	437.256	436.249	T[7]
K	20	1057.171	394.237	386.228	386.732	385.724	K[6]
V	21	1136.655	309.184	301.175	301.679	300.671	V[5]
Q	22	1200.684	259.656	251.645	252.149	251.141	Q[4]
K	23	1264.732	195.621	187.612	188.116	187.108	K[3]
K	24	1328.779	131.574	123.564	124.068	123.060	K[2]
D	25	1388.293	67.526	59.517	60.021	59.013	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 VQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=74.93
- ▶ F113278.dat
- ▶ query=q59197_p1
- ▶ precursor=693.896730
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	39.034	924.859	919.519	0.672	919.183	P25
D2	77.376	892.508	887.168	0.672	886.832	D24
P3	109.727	854.166	848.826	0.672	848.490	P23
A4	133.406	821.815	816.475	0.672	816.139	A22
K5	176.104	798.130	792.796	793.132	792.850	K21
S6	209.116	756.437	750.098	750.434	749.782	S20
A7	228.794	726.427	721.087	721.423	720.751	A19
P8	261.145	702.748	697.408	697.744	697.072	P18
A9	284.824	670.397	665.057	665.393	664.721	A17
P10	317.175	646.718	641.378	641.714	641.042	P16
K11	359.873	614.367	609.027	609.363	608.691	K15
K12	416.575	571.068	566.329	566.665	565.993	K14
G13	435.582	514.967	509.627	509.963	509.291	G13
S14	464.593	495.950	490.620	490.956	490.284	S12
K15	521.295	466.949	461.609	461.945	461.273	K11
K16	577.997	410.247	404.907	405.243	404.571	K10
A17	601.676	353.541	348.205	348.541	347.869	A9
V18	634.038	329.896	324.526	324.862	324.190	V8
T19	668.381	296.841	291.504	291.840	291.168	T17
K20	725.083	263.161	257.821	258.157	257.485	K6
V21	758.106	206.459	201.119	201.455	200.783	V5
Q22	800.792	173.436	168.096	168.432	167.760	Q4
K23	843.490	130.750	125.410	125.746	125.074	K3
K24	886.188	88.051	82.712	83.048	82.376	K2
D25	924.531	45.353	40.014	40.349	39.678	D1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl/42.01 GSK Acetyl/42.01 K Acetyl/42.01 AVTK Acetyl/42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.99
- ▶ F113278.dat
- ▶ query=q59199_p1
- ▶ precursor=693.897030
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA	
P	1	115.087	2772.962	2795.543	0.000	2795.535	P[25]
D	3	230.114	2075.509	2059.490	0.000	2058.482	D[24]
P	3	327.168	2560.482	2544.463	0.000	2543.456	P[23]
A	4	398.203	2463.429	2447.411	0.000	2446.403	A[22]
K	5	526.298	2392.392	2376.373	2377.361	2375.350	K[21]
S	6	613.330	2264.297	2248.279	2249.266	2247.271	S[20]
A	7	684.268	2177.265	2161.247	2162.254	2160.230	A[19]
P	8	781.420	2108.228	2092.209	2093.217	2091.202	P[18]
A	9	852.457	2029.175	1993.157	1994.164	1992.149	A[17]
P	10	949.510	1938.138	1922.120	1923.127	1921.112	P[16]
K	11	1077.605	1841.085	1825.067	1826.075	1824.050	K[15]
K	12	1247.711	1712.991	1696.972	1697.980	1695.954	K[14]
Q	13	1304.732	1542.885	1526.866	1527.874	1525.850	Q[13]
S	14	1701.764	1495.864	1469.845	1470.853	1468.831	S[12]
K	15	1561.870	1398.831	1382.813	1383.821	1381.805	K[11]
K	16	1731.975	1228.726	1212.707	1213.715	1211.699	K[10]
A	17	1803.012	1098.620	1042.602	1043.610	1041.594	A[9]
V	18	1902.081	987.585	971.566	972.572	970.557	V[8]
T	19	2003.126	898.535	872.496	873.504	871.486	T[7]
K	20	2173.234	787.467	771.449	772.456	770.441	K[6]
V	21	2272.302	617.362	601.343	602.351	600.335	V[5]
Q	22	2490.361	518.293	502.275	503.282	501.267	Q[4]
K	23	2528.456	490.235	374.216	375.224	373.209	K[3]
K	24	2656.551	362.140	246.121	247.129	245.113	K[2]
D	25	2771.578	134.045	118.026	119.034	117.018	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.99
- ▶ F113278.dat
- ▶ query=q59199.p1
- ▶ precursor=693.897030
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	58.047	1386.785	1378.775	0.504	1378.271	P[25]
D	2	115.569	1336.259	1330.249	0.504	1329.745	D[20]
F	3	174.092	1280.745	1272.735	0.504	1272.231	F[23]
A	4	199.605	1232.218	1224.209	0.504	1223.705	A[22]
K	5	263.653	1186.700	1188.690	1189.194	1188.186	K[21]
S	6	307.169	1132.652	1124.643	1125.147	1124.139	S[20]
A	7	342.667	1089.136	1081.127	1081.631	1080.623	A[19]
T	8	393.214	1053.618	1045.609	1046.112	1045.104	T[18]
A	9	426.732	1005.091	997.082	997.586	996.578	A[17]
P	10	475.259	969.573	961.563	962.067	961.059	P[16]
K	11	539.306	921.046	913.037	913.541	912.533	K[15]
K	12	624.359	856.009	848.990	849.493	848.486	K[14]
C	13	652.970	771.946	763.937	764.441	763.433	C[13]
S	14	695.366	743.435	735.426	735.930	734.922	S[12]
K	15	781.438	699.918	691.910	692.414	691.406	K[11]
K	16	866.491	614.867	606.857	607.361	606.353	K[10]
A	17	902.010	529.814	521.804	522.308	521.301	A[9]
V	18	951.244	494.295	486.286	486.790	485.782	V[8]
T	19	1002.668	444.761	436.752	437.256	436.248	T[7]
K	20	1087.121	394.237	386.228	386.732	385.724	K[6]
V	21	1136.655	309.184	301.175	301.679	300.671	V[5]
Q	22	1200.684	259.656	251.646	252.149	251.141	Q[4]
K	23	1264.732	195.621	187.612	188.116	187.108	K[3]
K	24	1328.779	131.574	123.564	124.068	123.060	K[2]
D	25	1388.293	67.526	59.517	60.021	59.013	D[1]

sp | Q64525 | H2B2B_MOUSE

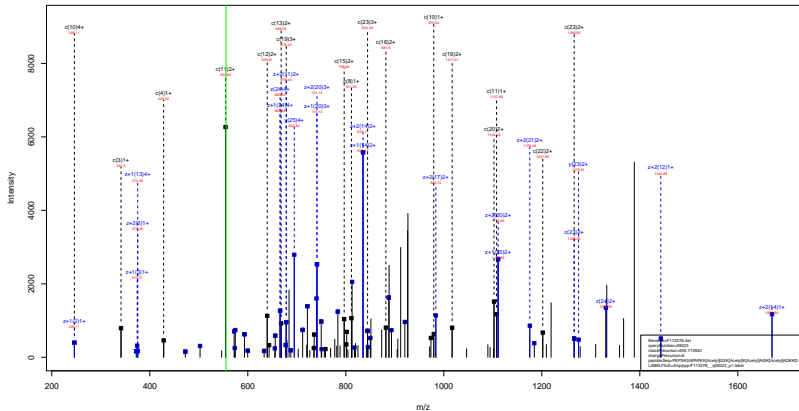
PDKAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=52.99
- ▶ F113278.dat
- ▶ query=q59199_p1
- ▶ precursor=693.897030
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	924.859	919.519	0.672	919.183	P[25]
D[2]	77.376	892.508	887.168	0.672	886.832	D[24]
P[3]	109.727	854.166	848.826	0.672	848.490	P[23]
A[4]	133.466	821.815	816.475	0.672	816.139	A[22]
K[5]	178.304	798.139	792.798	793.132	792.860	K[21]
S[6]	205.115	755.437	750.098	750.434	749.762	S[20]
A[7]	228.794	726.427	721.087	721.423	720.751	A[19]
P[8]	261.145	702.745	697.406	697.744	697.072	P[18]
A[9]	284.824	670.397	665.057	665.393	664.721	A[17]
P[10]	317.175	646.718	641.378	641.714	641.042	P[16]
K[11]	359.873	614.367	609.027	609.363	608.691	K[15]
K[12]	416.575	571.668	566.329	566.665	565.993	K[14]
G[13]	435.582	514.967	509.627	509.963	509.291	G[13]
S[14]	464.593	495.959	490.620	490.956	490.284	S[12]
K[15]	521.295	466.949	461.609	461.945	461.273	K[11]
K[16]	577.997	410.247	404.907	405.243	404.571	K[10]
A[17]	661.676	353.545	348.205	348.541	347.869	A[9]
V[18]	634.696	329.865	324.525	324.862	324.190	V[8]
T[19]	668.301	296.841	291.504	291.840	291.168	T[7]
K[20]	725.083	263.161	257.821	258.157	257.485	K[6]
V[21]	758.106	206.459	201.119	201.455	200.783	V[5]
Q[22]	800.792	173.438	168.098	168.432	167.760	Q[4]
K[23]	843.490	130.750	125.410	125.746	125.074	K[3]
K[24]	886.188	88.051	82.712	83.048	82.376	K[2]
D[25]	924.531	45.353	40.014	40.349	39.678	D[1]

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK Acetyl GSK Acetyl K Acetyl AISK Acetyl AQKKD
42.01 42.01 42.01 42.01



sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AISK Acetyl 42.01 AQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.44
- ▶ F113278.dat
- ▶ query=q59223.p1
- ▶ precursor=555.713920
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	2774.541	2758.552	0.000	2757.515	P25
E2	244.159	2577.488	2561.470	0.000	2560.462	E24
P3	341.182	2548.446	2532.437	0.000	2531.419	P23
S4	428.214	2451.393	2435.374	0.000	2434.366	S22
K5	556.309	2304.361	2346.342	2349.350	2347.334	K21
S6	643.341	2236.266	2220.247	2221.255	2219.239	S20
A7	714.378	2149.234	2133.215	2134.223	2132.207	A19
P8	811.431	2078.191	2062.173	2063.186	2061.179	P18
A9	882.468	1981.144	1965.125	1966.133	1964.118	A17
P10	979.521	1910.107	1894.088	1895.096	1893.080	P16
K11	1107.616	1813.054	1797.035	1798.043	1796.028	K15
K12	1277.721	1684.959	1668.940	1669.948	1667.933	K14
G13	1334.743	1514.854	1498.835	1499.843	1497.827	G13
S14	1423.778	1357.832	1441.813	1442.821	1440.805	S12
K15	1591.880	1370.800	1354.781	1355.789	1353.774	K11
K16	1761.988	1200.695	1184.676	1185.684	1183.668	K10
A17	1833.023	1030.589	1014.570	1015.578	1013.563	A0
I18	1946.107	950.552	943.533	944.541	942.525	I18
S19	2033.139	846.468	830.449	831.457	829.441	S19
K20	2203.244	759.436	743.417	744.425	742.409	K0
A21	2274.282	589.330	573.312	574.320	572.304	A5
Q22	2402.340	518.293	502.275	503.282	501.267	Q4
K23	2530.435	390.235	374.216	375.224	373.208	K3
K24	2698.530	282.140	246.121	247.129	245.113	K2
D25	2773.557	134.045	118.028	119.034	117.018	D1

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AISK Acetyl 42.01 AQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.44
- ▶ F113278.dat
- ▶ query=q59223.p1
- ▶ precursor=555.713920
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1387.774	1379.765	0.504	1379.261	P[25]
E	2	127.588	1139.245	1131.238	0.504	1130.735	E[24]
F	3	171.095	1274.726	1266.717	0.504	1266.213	F[23]
S	4	214.611	1226.200	1218.191	0.504	1217.681	S[22]
K	5	278.658	1182.684	1174.675	1175.179	1174.171	K[21]
S	6	322.174	1118.637	1110.627	1111.131	1110.123	S[20]
A	7	357.693	1075.121	1067.113	1067.615	1066.607	A[19]
T	8	406.219	1039.602	1031.593	1032.097	1031.089	T[18]
A	9	441.738	991.075	983.066	983.570	982.562	A[17]
P	10	490.264	955.557	947.548	948.052	947.044	P[16]
K	11	554.311	907.031	899.021	899.525	898.517	K[15]
K	12	639.364	842.983	834.974	835.478	834.470	K[14]
C	13	667.875	797.935	749.921	750.425	749.417	C[13]
S	14	711.394	749.420	721.410	721.914	720.905	S[12]
K	15	796.444	685.004	677.894	678.398	677.390	K[11]
K	16	881.497	600.851	592.842	593.346	592.338	K[10]
A	17	917.015	515.798	507.789	508.293	507.285	A[9]
I	18	973.557	480.289	472.270	472.774	471.766	I[8]
S	19	1017.673	423.738	415.729	416.233	415.225	S[7]
R	20	1102.126	380.222	372.212	372.716	371.708	R[6]
A	21	1137.644	295.169	287.159	287.663	286.656	A[5]
Q	22	1201.674	259.656	251.641	252.145	251.137	Q[4]
K	23	1265.721	195.621	187.612	188.116	187.108	K[3]
K	24	1129.769	131.974	123.964	124.468	123.460	K[2]
D	25	1387.282	67.526	59.517	60.021	59.013	D[1]

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AISK Acetyl 42.01 AQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.44
- ▶ F113278.dat
- ▶ query=q59223.p1
- ▶ precursor=555.713920
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	38.034	925.519	920.179	0.672	919.843	P[25]
E[2]	82.048	893.168	887.828	0.672	887.492	E[24]
P[3]	114.399	850.153	844.814	0.672	844.478	P[23]
S[4]	143.410	817.803	812.463	0.672	812.127	S[22]
K[5]	186.108	788.792	783.452	783.768	783.116	K[21]
S[6]	213.119	746.094	740.754	741.090	740.418	S[20]
A[7]	238.798	717.083	711.743	712.079	711.407	A[19]
P[8]	271.148	693.458	688.064	688.400	687.728	P[18]
A[9]	294.828	661.051	655.713	656.049	655.377	A[17]
P[10]	327.178	637.374	632.034	632.370	631.698	P[16]
K[11]	369.877	605.023	599.683	600.019	599.347	K[15]
K[12]	426.579	562.325	556.985	557.321	556.649	K[14]
G[13]	445.586	505.623	500.283	500.619	499.947	G[13]
S[14]	474.596	488.616	481.276	481.612	480.940	S[12]
K[15]	531.298	457.605	452.265	452.601	451.929	K[11]
K[16]	588.002	400.901	395.561	395.899	395.226	K[10]
A[17]	611.679	344.201	338.862	339.198	338.526	A[9]
I[18]	649.374	320.522	315.183	315.519	314.847	I[8]
S[19]	678.385	282.828	277.488	277.824	277.152	S[7]
K[20]	735.086	253.817	248.477	248.813	248.141	K[6]
A[21]	758.765	197.115	191.775	192.111	191.439	A[5]
Q[22]	801.452	173.436	168.096	168.432	167.760	Q[4]
K[23]	844.150	130.750	125.410	125.746	125.074	K[3]
K[24]	886.848	88.061	82.722	83.048	82.376	K[2]
D[25]	925.191	45.353	40.014	40.349	39.678	D[1]

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AISK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=53.44
- ▶ F113278.dat
- ▶ query=q59223.p1
- ▶ precursor=555.713920
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	694.391	690.389	0.755	690.134	P[25]
E[2]	61.788	0.70.128	666.123	0.755	665.871	E[24]
P[3]	86.051	637.867	633.862	0.755	633.610	P[23]
S[4]	107.809	613.604	609.599	0.755	609.347	S[22]
K[5]	139.833	591.846	587.841	588.093	587.589	K[21]
S[6]	183.391	539.822	535.817	535.069	535.369	S[20]
A[7]	179.250	538.064	534.059	534.311	533.507	A[19]
P[8]	203.613	520.805	516.800	516.552	516.048	P[18]
A[9]	221.372	496.041	492.037	492.289	491.785	A[17]
P[10]	245.636	478.282	474.278	474.529	474.026	P[16]
K[11]	277.659	454.019	450.014	450.266	449.762	K[15]
K[12]	320.186	421.995	417.991	418.243	417.739	K[14]
G[13]	334.441	379.469	375.464	375.716	375.212	G[13]
S[14]	356.199	365.214	361.209	361.461	360.957	S[12]
K[15]	388.726	343.456	339.451	339.703	339.199	K[11]
K[16]	441.252	300.929	296.924	297.176	296.672	K[10]
A[17]	459.011	258.403	254.398	254.650	254.146	A[9]
I[18]	487.282	240.643	236.639	236.891	236.387	I[8]
S[19]	509.040	212.372	208.368	208.620	208.116	S[7]
K[20]	551.567	190.614	186.610	186.862	186.358	K[6]
A[21]	569.326	148.088	144.083	144.335	143.831	A[5]
Q[22]	601.341	130.329	126.324	126.576	126.072	Q[4]
K[23]	633.364	98.314	94.309	94.561	94.057	K[3]
K[24]	665.388	66.290	62.285	62.538	62.034	K[2]
D[25]	694.145	34.261	30.253	30.514	30.010	D[1]

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AISK Acetyl 42.01 AQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.77
- ▶ F113278.dat
- ▶ query=q59227.p1
- ▶ precursor=694.390750
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.007	2774.541	2758.522	0.000	2757.515	P25
E2	244.229	2077.488	2061.470	0.000	2060.462	E24
P3	341.182	2545.445	2529.427	0.000	2528.419	P23
S4	428.214	2451.393	2435.374	0.000	2434.366	S22
K5	556.309	2364.361	2348.342	2349.350	2347.334	K21
S6	643.341	2236.350	2220.347	2221.255	2219.250	S20
A7	714.378	2149.234	2133.215	2134.223	2132.207	A19
P8	811.431	2078.191	2062.176	2063.186	2061.170	P18
A9	882.468	1981.144	1965.125	1966.133	1964.118	A17
P10	979.521	1910.107	1894.088	1895.096	1893.080	P16
K11	1107.616	1813.054	1797.035	1798.043	1796.028	K15
K12	1277.721	1684.959	1668.940	1669.948	1667.933	K14
Q13	1387.743	1514.854	1498.835	1499.843	1497.827	Q13
S14	1421.775	1457.812	1441.813	1442.821	1440.805	S12
K15	1591.888	1370.800	1354.781	1355.789	1353.774	K11
K16	1761.986	1200.695	1184.676	1185.684	1183.668	K10
A17	1833.023	1030.589	1014.570	1015.578	1013.563	A9
T18	1946.107	959.527	943.513	944.541	942.525	T8
S19	2033.139	846.465	830.449	831.457	829.441	S19
K20	2203.244	759.439	743.417	744.425	742.409	K9
A21	2274.282	689.330	573.312	574.320	572.304	A5
Q22	2402.340	618.293	502.275	503.282	501.267	Q4
K23	2530.435	550.235	374.216	375.224	373.208	K3
K24	2658.530	482.140	246.121	247.129	245.113	K2
D25	2773.557	134.045	118.026	119.034	117.018	D1

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AISK Acetyl 42.01 AQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.77
- ▶ F113278.dat
- ▶ query=q59227.p1
- ▶ precursor=694.390750
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1387.774	1379.765	0.504	1379.261	P[25]
E	3	122.588	1339.245	1331.238	0.504	1330.735	E[24]
F	3	171.095	1274.725	1265.717	0.504	1255.213	F[23]
S	4	214.611	1226.205	1218.191	0.504	1217.687	S[22]
K	5	278.658	1182.684	1174.675	1175.179	1174.171	K[21]
S	6	322.174	1118.637	1110.627	1111.131	1110.123	S[20]
A	7	357.693	1075.121	1067.111	1067.615	1066.607	A[19]
T	8	406.219	1039.602	1031.593	1032.097	1031.089	T[18]
A	9	441.738	991.075	983.066	983.570	982.562	A[17]
P	10	480.264	935.557	947.548	948.052	947.044	P[16]
K	11	554.311	907.031	899.021	899.525	898.517	K[15]
K	12	639.364	842.983	834.974	835.478	834.470	K[14]
C	13	687.875	757.935	749.927	750.431	749.423	C[13]
S	14	711.394	729.420	721.410	721.914	720.906	S[12]
K	15	796.444	685.904	677.894	678.398	677.390	K[11]
K	16	881.497	600.851	592.842	593.346	592.338	K[10]
A	17	917.015	515.798	507.789	508.293	507.285	A[9]
I	18	973.557	480.280	472.270	472.774	471.766	I[8]
S	19	1017.673	423.738	415.728	416.232	415.224	S[7]
K	20	1102.126	380.222	372.212	372.716	371.708	K[6]
A	21	1137.644	295.169	287.159	287.663	286.655	A[5]
Q	22	1201.674	259.656	251.646	252.149	251.141	Q[4]
K	23	1265.721	195.621	187.612	188.116	187.108	K[3]
K	24	1329.769	131.574	123.564	124.068	123.060	K[2]
D	25	1387.282	67.526	59.517	60.021	59.013	D[1]

sp | Q64475 | H2B1B_MOUSE

PEPSKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AISK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.77
- ▶ F113278.dat
- ▶ query=q59227_p1
- ▶ precursor=694.390750
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	38.034	925.519	920.179	0.672	919.043	P[25]
E[2]	82.046	891.168	887.820	0.672	887.492	E[24]
P[3]	114.399	850.153	844.814	0.672	844.478	P[23]
S[4]	143.410	817.803	812.463	0.672	812.127	S[22]
K[5]	186.108	788.792	783.452	783.788	783.116	K[21]
S[6]	213.119	746.094	740.752	741.090	740.418	S[20]
A[7]	238.798	717.083	711.743	712.079	711.407	A[19]
P[8]	271.148	693.458	688.094	688.400	687.728	P[18]
A[9]	294.826	661.053	655.713	656.048	655.377	A[17]
P[10]	327.178	637.374	632.034	632.370	631.698	P[16]
K[11]	369.877	605.023	599.683	600.019	599.347	K[15]
K[12]	426.579	562.325	556.985	557.321	556.649	K[14]
G[13]	445.586	505.623	500.283	500.619	499.947	G[13]
S[14]	474.596	488.616	481.276	481.612	480.940	S[12]
K[15]	531.298	457.065	452.265	452.261	451.929	K[11]
K[16]	588.050	430.901	395.561	393.899	396.228	K[10]
A[17]	611.679	144.201	338.862	339.198	338.526	A[9]
I[18]	649.374	320.522	315.183	315.519	314.847	I[8]
S[19]	678.385	282.826	277.486	277.824	277.152	S[7]
K[20]	735.086	253.817	248.477	248.813	248.141	K[6]
A[21]	758.765	197.115	191.775	192.111	191.439	A[5]
Q[22]	801.452	173.436	168.096	168.432	167.760	Q[4]
K[23]	844.150	130.750	125.410	125.746	125.074	K[3]
K[24]	886.848	88.061	82.721	83.048	82.376	K[2]
D[25]	925.191	45.353	40.013	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 AQK Acetyl 42.01 KD

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=56.56
- ▶ F113278.dat
- ▶ query=q59459_p1
- ▶ precursor=934.192020
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
P1	70.085	0.000	0.000	98.085	0.000	0.000	280.550	2.783.530	27.02.548	P29
T2	118.070	0.000	0.000	227.070	0.000	0.000	270.520	2088.477	2088.489	L14
P3	196.100	0.000	278.150	324.150	0.000	306.150	2574.480	2507.450	2538.461	P23
A4	387.610	0.000	188.170	389.170	0.000	377.170	2477.489	2488.500	2459.509	A22
K5	489.610	183.200	417.200	528.200	183.200	345.000	2485.570	2388.540	2388.561	K21
S6	592.610	375.200	468.210	633.210	375.200	258.010	2779.571	2783.250	2782.560	S20
A7	611.602	636.100	616.101	681.101	636.100	45.001	3181.584	3174.210	3174.210	A10
P8	730.614	163.300	732.450	823.450	163.300	260.150	3120.580	3103.180	3103.181	P16
A9	811.610	684.400	684.400	811.610	684.400	0.000	3281.570	3008.150	3008.144	A17
P10	910.504	381.470	905.454	942.448	381.470	260.978	3352.110	3370.000	3374.107	P10
K11	1048.580	383.570	1102.580	1074.584	383.580	268.004	3481.580	3481.570	3481.570	K15
K12	1108.580	1188.580	1188.580	1244.580	1188.580	56.000	3478.580	3478.580	3478.580	K14
Q13	1213.720	1258.720	1258.720	1244.708	1258.720	2.000	3558.710	3558.804	3558.804	Q13
S14	1300.610	1383.700	1383.700	1383.700	1383.700	0.000	3601.600	3601.600	3601.600	S12
K15	1380.604	1383.800	1383.800	1383.800	1383.800	0.000	3541.604	3541.604	3541.604	K11
K16	1708.580	1821.600	1821.600	1743.604	1821.600	88.000	3711.600	3711.600	3711.600	K16
A17	1742.580	1784.600	1783.600	1800.600	1783.600	17.000	3781.600	3781.600	3781.600	A16
V18	1871.570	1884.600	1883.500	1888.500	1883.500	55.000	3881.580	3881.580	3881.580	V18
T19	1912.570	1928.600	1928.600	1928.600	1928.600	0.000	3901.570	3901.580	3901.580	T19
K20	2142.580	2145.200	2145.200	2145.200	2145.200	0.000	3932.210	3932.210	3932.210	K20
A21	2171.580	2188.200	2188.200	2188.200	2188.200	0.000	3928.210	3928.210	3928.210	A21
Q22	2241.614	2445.200	2445.200	2445.200	2445.200	0.000	4001.614	4001.614	4001.614	Q22
K23	2311.610	2484.400	2484.400	2484.400	2484.400	0.000	4011.610	4011.610	4011.610	K23
K24	2632.614	2887.400	2887.400	2887.400	2887.400	0.000	4048.610	4048.610	4048.610	K24
L25	2794.501	2987.600	2988.540	2988.540	2987.600	2.000	4104.500	4104.500	4104.500	L25

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 AQK Acetyl 42.01 KD

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=56.56
- ▶ F113278.dat
- ▶ query=q59459_p1
- ▶ precursor=934.192020
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a+2	b	b'	b+2	y	y'	y+2	AA	
P1	38.838	0.504	0.504	46.934	0.504	0.504	1440.199	1399.289	1391.777	P129	
E2	109.107	0.504	0.504	114.055	0.504	105.993	1331.275	1245.761	1243.250	E34	
P3	198.704	0.504	138.709	139.709	0.504	133.479	1287.734	1270.221	1278.729	P123	
A4	184.193	0.504	178.987	186.493	0.504	189.699	1278.253	1233.055	1230.545	A122	
K5	348.155	238.837	239.145	282.147	263.818	26.142	1201.689	1199.178	1194.684	K121	
S6	481.055	269.939	269.851	306.813	297.138	269.889	1138.942	1131.128	1131.839	S204	
A7	337.164	152.671	158.178	141.162	141.162	152.177	1098.126	1097.611	1099.121	A109	
P8	439.169	387.191	388.708	388.708	381.195	381.701	1066.607	1066.092	1061.602	P118	
A9	411.325	402.712	402.724	425.227	418.714	418.227	1000.000	1003.588	1003.093	A117	
P10	439.169	481.243	480.793	471.753	465.240	464.748	976.562	969.045	967.567	P116	
K11	523.803	153.260	154.768	159.267	159.267	159.267	929.499	929.929	919.511	K115	
K12	609.881	601.341	599.881	512.814	514.319	613.848	861.589	860.079	859.589	K114	
G13	317.163	528.856	528.362	351.354	342.811	342.811	823.919	779.423	768.919	G123	
S14	681.081	617.119	617.618	604.603	606.107	605.612	780.439	748.911	741.431	S121	
K15	108.108	197.426	198.934	177.411	178.919	771.426	749.928	706.909	698.408	697.904	K111
P16	610.918	605.411	641.983	664.995	661.489	661.489	661.489	613.943	613.943	P114	
A17	688.169	877.994	877.992	906.504	901.999	901.999	536.891	536.291	537.788	A108	
V18	639.054	627.526	627.526	650.039	641.525	641.525	541.193	482.772	482.280	V18	
T19	688.169	616.026	877.560	1008.042	1003.046	1003.046	651.674	651.713	643.233	T117	
K20	1071.618	1063.100	1063.617	1085.615	1077.102	1076.610	493.227	389.714	389.222	K10	
A21	1107.136	1098.620	1098.131	1121.134	1112.620	1112.131	316.174	307.661	307.169	A10	
G22	1114.165	1105.649	1105.160	1185.183	1176.668	1176.184	300.669	292.144	291.656	G10	
K23	109.149	1147.170	1147.171	1276.216	1271.701	1271.701	216.430	208.111	207.621	K11	
K24	130.209	1111.791	1111.791	1134.281	1135.790	1135.280	131.571	123.060	122.568	K11	
G25	1177.171	1168.654	1168.174	1189.177	1189.211	1189.211	87.820	8.864	88.820	G10	

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AITKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.17
- ▶ F113278.dat
- ▶ query=q59496.p1
- ▶ precursor=701.895750
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	115.087	2604.963	2788.544	0.000	2787.536	P25
E	2	244.229	2707.510	3691.481	0.000	3690.481	E24
P	3	341.182	2578.468	2502.440	0.000	2501.441	P23
S	4	428.214	2481.415	2465.398	0.000	2464.389	S22
R	5	584.315	2394.363	2378.304	2379.372	2377.356	R21
S	6	671.347	2238.282	2222.263	2223.271	2221.255	S20
T	7	772.305	2151.250	2135.211	2136.239	2134.223	T19
F	8	869.448	2060.202	2034.183	2035.191	2033.174	F18
A	9	960.485	1953.149	1937.130	1938.138	1936.123	A17
P	10	1037.537	1882.112	1866.093	1867.101	1865.085	P16
K	11	1165.632	1795.059	1769.041	1770.048	1768.031	K15
K	12	1335.738	1656.964	1640.940	1641.953	1639.930	K14
Q	13	1392.759	1506.899	1470.880	1471.846	1469.825	Q13
S	14	1479.791	1429.837	1413.819	1414.826	1412.811	S12
K	15	1549.897	1342.805	1326.787	1327.794	1325.779	K11
K	16	1820.002	1172.700	1156.681	1157.689	1155.673	K10
A	17	1891.040	1002.594	986.575	987.583	985.568	A9
T	18	2004.124	931.557	915.538	916.546	914.531	T8
T	19	2105.171	818.473	802.454	803.462	801.446	T7
K	20	2213.268	717.425	701.407	702.414	700.399	K6
A	21	2304.303	589.130	573.112	574.120	572.304	A5
Q	22	2432.362	518.203	502.275	503.282	501.267	Q4
K	23	2560.457	400.235	374.216	375.224	373.209	K3
K	24	2688.552	362.140	246.121	247.129	245.113	K2
E	25	2893.579	134.045	118.028	119.034	117.018	E1

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AITKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.17
- ▶ F113278.dat
- ▶ query=q59496.p1
- ▶ precursor=701.895750
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	58.647	1402.785	1394.776	0.504	1398.272	P[25]
E	2	122.588	1354.259	1340.249	0.504	1345.745	E[24]
P	3	171.095	1289.737	1281.725	0.504	1281.224	P[23]
S	4	214.611	1241.211	1233.202	0.504	1232.698	S[22]
R	5	262.661	1197.695	1189.680	1190.190	1189.182	R[21]
S	6	336.177	1119.644	1111.635	1112.139	1111.131	S[20]
T	7	386.201	1076.128	1068.119	1068.623	1067.615	T[19]
F	8	435.227	1028.605	1021.589	1019.969	1019.460	F[18]
A	9	470.748	977.078	969.069	969.573	968.565	A[17]
P	10	519.272	941.560	933.550	934.054	933.048	P[16]
K	11	561.320	893.033	885.024	885.528	884.520	K[15]
K	12	608.373	828.986	820.976	821.480	820.473	K[14]
Q	13	667.893	743.933	735.924	736.428	735.420	Q[13]
S	14	740.399	715.622	707.613	707.917	706.909	S[12]
K	15	825.452	671.906	663.897	664.401	663.393	K[11]
K	16	910.505	586.854	578.844	579.348	578.340	K[10]
A	17	966.023	501.801	493.791	494.295	493.287	A[9]
T	18	1027.565	466.282	458.273	458.777	457.769	T[8]
T	19	1053.069	408.746	401.731	402.235	401.227	T[7]
K	20	1117.137	359.218	351.207	351.711	350.703	K[6]
A	21	1152.655	295.169	287.159	287.663	286.656	A[5]
Q	22	1216.685	269.650	251.641	252.145	251.137	Q[4]
K	23	1280.732	195.621	187.612	188.116	187.108	K[3]
K	24	1344.780	131.574	123.564	124.068	123.060	K[2]
D	25	1402.293	87.528	89.531	89.021	89.013	D[1]

sp | Q9D2U9 | H2B3A_MOUSE

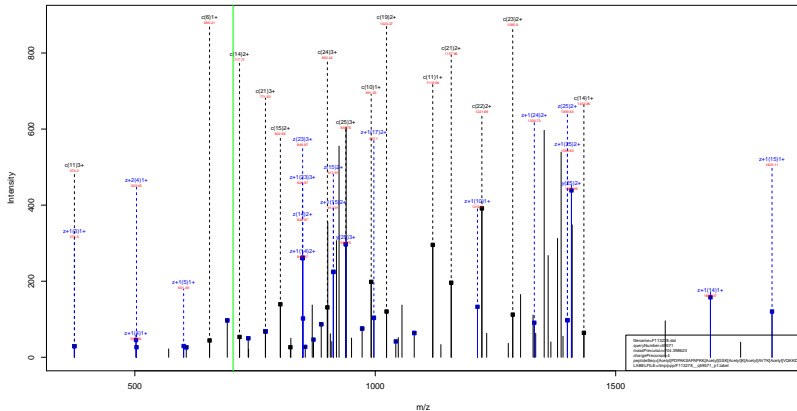
PEPSRSTPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AITKAQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.17
- ▶ F113278.dat
- ▶ query=q59496.p1
- ▶ precursor=701.895750
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	39.034	935.526	930.186	0.672	929.850	P25
E2	82.048	903.175	897.835	0.672	897.499	E24
P3	114.399	960.161	854.821	0.672	854.485	P23
S4	143.410	827.810	822.470	0.672	822.134	S22
R5	195.443	798.799	793.460	703.785	703.124	R21
S6	234.484	748.785	743.429	743.782	741.090	S20
T7	258.136	717.755	712.415	712.751	712.079	T19
P8	290.487	684.072	678.733	679.069	678.397	P18
A9	314.166	651.721	646.382	646.718	646.046	A17
P10	346.517	628.042	622.703	623.039	622.367	P16
K11	389.216	595.691	590.352	590.688	590.016	K15
K12	445.917	552.993	547.653	547.989	547.317	K14
G13	464.925	496.291	490.952	491.287	490.616	G13
S14	493.935	477.284	471.944	472.280	471.608	S12
R15	550.637	448.273	442.934	443.270	442.598	K11
K16	607.339	391.571	386.232	386.568	385.896	K10
A17	631.018	334.870	329.530	329.866	329.194	A9
I18	668.713	311.191	305.851	306.187	305.515	I8
T19	702.395	273.496	268.156	268.492	267.820	T11
K20	745.094	239.813	234.474	234.810	234.138	K6
A21	768.773	197.115	191.775	192.111	191.439	A5
Q22	811.459	173.436	168.096	168.432	167.760	Q4
K23	854.157	130.750	125.410	125.746	125.074	K3
K24	896.855	88.051	82.712	83.048	82.376	K2
D25	935.198	45.353	40.014	40.349	39.678	D1

sp | Q64525 | H2B2B_MOUSE

[Acetyl]PDKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 VQKKD



sp | Q64525 | H2B2B_MOUSE

[Acetyl]PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.11
- ▶ F113278.dat
- ▶ query=q59571.p1
- ▶ precursor=704.398620
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	157.097	2814.572	2798.554	0.000	2797.546	P[25]
D	2	272.124	2075.509	2059.490	0.000	2058.482	D[24]
P	3	369.177	2560.462	2544.463	0.000	2543.456	P[23]
A	4	440.214	2463.429	2447.411	0.000	2446.403	A[22]
K	5	508.209	2392.392	2376.373	2377.381	2375.366	K[21]
S	6	655.241	2264.297	2248.279	2249.280	2247.271	S[20]
A	7	729.278	2177.265	2161.247	2162.254	2160.236	A[19]
P	8	823.431	2106.228	2090.209	2091.217	2089.202	P[18]
A	9	894.468	2029.175	1993.157	1994.164	1992.149	A[17]
P	10	991.521	1938.138	1922.120	1923.127	1921.112	P[16]
K	11	1119.616	1841.085	1825.067	1826.075	1824.059	K[15]
K	12	1289.721	1712.993	1696.972	1697.980	1695.964	K[14]
G	13	1360.743	1542.885	1526.866	1527.874	1525.858	G[13]
S	14	1433.775	1485.864	1469.845	1470.853	1468.837	S[12]
K	15	1503.880	1398.831	1382.813	1383.821	1381.805	K[11]
K	16	1773.986	1228.726	1212.707	1213.715	1211.699	K[10]
A	17	1845.023	1058.620	1042.602	1043.610	1041.594	A[9]
V	18	1944.091	987.583	971.565	972.572	970.557	V[8]
T	19	2045.139	888.515	872.496	873.504	871.488	T[7]
K	20	2215.244	787.407	771.449	772.456	770.441	K[6]
V	21	2314.313	617.362	601.343	602.351	600.335	V[5]
Q	22	2442.371	518.293	502.275	503.282	501.267	Q[4]
K	23	2570.466	390.235	374.216	375.224	373.208	K[3]
K	24	2698.561	262.140	246.121	247.129	245.113	K[2]
D	25	2813.588	134.045	118.026	119.034	117.018	D[1]

sp | Q64525 | H2B2B_MOUSE

[Acetyl]PDKAKSAPAPKK^{Acetyl}_{42.01} GSK^{Acetyl}_{42.01} K^{Acetyl}_{42.01} AVTK^{Acetyl}_{42.01} VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.11
- ▶ F113278.dat
- ▶ query=q59571.p1
- ▶ precursor=704.398620
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	x+1	x+2	z	AA
P	1	79.652	1407.790	1399.780	0.504	1399.277	P[25]
D	3	136.566	1338.295	1330.249	0.504	1329.743	D[24]
P	3	185.092	1280.745	1272.735	0.504	1272.231	P[23]
A	4	220.611	1232.218	1224.209	0.504	1223.705	A[22]
K	5	264.658	1196.707	1188.699	1189.194	1188.189	K[21]
S	6	328.174	1132.652	1124.643	1125.147	1124.139	S[20]
A	7	363.693	1089.136	1081.127	1081.631	1080.623	A[19]
P	8	412.219	1053.618	1045.609	1046.113	1045.104	P[18]
A	9	447.738	1005.092	997.082	997.586	996.578	A[17]
P	10	496.264	969.573	961.563	962.067	961.059	P[16]
K	11	560.311	921.046	913.037	913.541	912.533	K[15]
K	12	645.364	856.097	848.990	849.493	848.486	K[14]
G	13	673.375	771.306	763.297	763.801	762.793	G[13]
S	14	717.391	743.439	735.426	735.930	734.922	S[12]
K	15	802.444	699.910	691.910	692.414	691.406	K[11]
K	16	887.497	614.867	606.857	607.361	606.353	K[10]
A	17	923.015	529.814	521.804	522.308	521.301	A[9]
V	18	972.549	494.295	486.285	486.790	485.782	V[8]
T	19	1023.073	444.761	436.752	437.256	436.248	T[7]
K	20	1108.598	394.237	386.228	386.732	385.725	K[6]
V	21	1157.660	309.184	301.175	301.679	300.671	V[5]
Q	22	1221.689	259.650	251.641	252.145	251.137	Q[4]
K	23	1285.737	195.621	187.612	188.116	187.109	K[3]
K	24	1349.784	131.574	123.565	124.069	123.060	K[2]
D	25	1407.298	67.528	59.517	60.021	59.013	D[1]

sp | Q64525 | H2B2B_MOUSE

[Acetyl]PDKSAKAPAPKK^{Acetyl}_{42.01} GSK^{Acetyl}_{42.01} K^{Acetyl}_{42.01} AVTK^{Acetyl}_{42.01} VQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.11
- ▶ F113278.dat
- ▶ query=q59571.p1
- ▶ precursor=704.398620
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	53.037	938.062	933.523	0.672	933.187	P[25]
D[2]	91.380	892.508	887.168	0.672	886.832	D[24]
P[3]	123.730	854.166	848.826	0.672	848.490	P[23]
A[4]	147.410	821.815	816.475	0.672	816.139	A[22]
K[5]	190.108	798.136	792.796	793.132	792.460	K[21]
S[6]	219.119	755.437	750.098	750.434	749.762	S[20]
A[7]	242.798	726.427	721.087	721.423	720.751	A[19]
P[8]	275.148	702.748	697.408	697.744	697.072	P[18]
A[9]	298.828	670.397	665.057	665.393	664.721	A[17]
P[10]	331.178	646.718	641.378	641.714	641.042	P[16]
K[11]	373.877	614.367	609.027	609.363	608.691	K[15]
K[12]	430.579	571.668	566.328	566.665	565.993	K[14]
G[13]	449.586	514.967	509.627	509.963	509.291	G[13]
S[14]	478.596	495.959	490.620	490.956	490.284	S[12]
K[15]	535.298	466.949	461.609	461.945	461.273	K[11]
K[16]	592.000	410.247	404.907	405.243	404.571	K[10]
A[17]	615.679	351.545	346.205	346.541	345.869	A[9]
V[18]	648.702	329.866	324.526	324.862	324.190	V[8]
T[19]	682.985	296.843	291.504	291.840	291.168	T[7]
K[20]	739.086	263.161	257.821	258.157	257.485	K[6]
V[21]	772.109	206.459	201.119	201.455	200.783	V[5]
Q[22]	814.795	173.436	168.096	168.432	167.760	Q[4]
K[23]	857.494	130.750	125.410	125.746	125.074	K[3]
K[24]	900.192	88.051	82.712	83.048	82.376	K[2]
D[25]	938.534	45.353	40.014	40.349	39.678	D[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AITK ^{Acetyl}42.01 AQQKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.04
- ▶ F113278.dat
- ▶ query=q59873.p1
- ▶ precursor=570.120090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.067	2646.572	2830.555	0.000	2829.547	P25
E2	244.229	2749.324	2733.362	0.000	2732.496	E24
P3	341.182	2620.476	2604.459	0.000	2603.452	P23
S4	428.214	2621.425	2607.407	0.000	2606.399	S22
R5	504.315	2436.393	2420.375	2421.392	2419.367	R21
S6	671.347	2280.292	2264.273	2265.281	2263.266	S20
T7	772.395	2193.280	2177.261	2178.249	2176.234	T19
P8	869.448	2092.212	2076.194	2077.202	2075.186	P18
A9	960.485	1995.160	1979.141	1980.149	1978.133	A17
P10	1037.537	1924.123	1908.104	1909.112	1907.096	P16
K11	1165.632	1827.070	1811.051	1812.059	1810.043	K15
K12	1335.736	1698.975	1682.956	1683.964	1681.948	K14
Q13	1392.199	1520.869	1512.881	1513.856	1511.841	Q12
S14	1479.193	1471.846	1455.829	1456.837	1454.821	S12
K15	1649.897	1384.819	1368.797	1369.805	1367.789	K11
K16	1820.002	1214.710	1198.692	1199.699	1197.684	K10
A17	1891.040	1044.605	1028.586	1029.594	1027.578	A9
T18	2004.124	973.568	957.549	958.557	956.541	T8
T19	2105.171	809.465	844.462	845.473	843.457	T7
K20	2275.277	759.436	743.417	744.425	742.409	K9
A21	2346.314	589.130	573.312	574.320	572.304	A5
Q22	2474.373	518.203	502.275	503.282	501.267	Q4
K23	2602.468	400.235	374.216	375.224	373.208	K3
K24	2730.562	362.140	246.121	247.129	245.113	K2
E25	2845.589	134.045	118.028	119.034	117.018	E1

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AITK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.04
- ▶ F113278.dat
- ▶ query=q59873.p1
- ▶ precursor=570.120090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1423.790	1415.781	0.504	1415.277	P[25]
E	2	122.588	1379.264	1367.263	0.504	1369.751	E[24]
F	3	171.096	1310.743	1303.733	0.504	1302.229	F[23]
S	4	214.611	1262.218	1254.207	0.504	1253.703	S[22]
R	5	262.681	1218.700	1210.681	1211.195	1210.187	R[21]
S	6	336.177	1140.650	1132.640	1133.144	1132.130	S[20]
T	7	389.704	1097.134	1089.124	1089.628	1088.620	T[19]
F	8	435.227	1046.610	1038.601	1039.104	1038.097	F[18]
A	9	470.748	998.083	990.074	990.578	989.570	A[17]
P	10	519.272	962.565	954.556	955.059	954.052	P[16]
K	11	563.320	914.039	906.029	906.533	905.525	K[15]
K	12	668.373	849.991	841.982	842.486	841.478	K[14]
C	13	697.913	784.935	776.929	777.433	776.425	C[13]
S	14	740.399	736.428	728.418	728.922	727.914	S[12]
K	15	825.452	692.912	684.902	685.406	684.398	K[11]
K	16	910.505	607.859	599.849	600.353	599.346	K[10]
A	17	946.021	522.806	514.797	515.301	514.293	A[9]
I	18	1002.565	487.287	479.278	479.782	478.774	I[8]
T	19	1053.689	438.745	422.736	423.240	422.232	T[7]
K	20	1138.142	380.222	372.212	372.716	371.708	K[6]
A	21	1173.661	295.169	287.159	287.663	286.656	A[5]
Q	22	1237.690	239.656	231.641	232.145	231.137	Q[4]
K	23	1301.737	195.621	187.612	188.116	187.108	K[3]
K	24	1385.785	131.374	123.364	124.868	123.860	K[2]
D	25	1423.236	67.526	59.517	60.021	59.013	D[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AITK Acetyl 42.01 AQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.04
- ▶ F113278.dat
- ▶ query=q59873.p1
- ▶ precursor=570.120090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	38.034	949.529	944.199	0.672	943.854	P[25]
E[2]	82.048	917.178	911.839	0.672	911.503	E[24]
P[3]	114.399	874.164	868.825	0.672	868.489	P[23]
S[4]	143.410	841.813	839.474	0.672	836.138	S[22]
K[5]	195.443	812.903	807.463	807.799	807.127	K[21]
S[6]	224.454	760.769	755.429	755.765	755.093	S[20]
T[7]	258.136	731.759	726.419	726.755	726.083	T[19]
P[8]	290.487	698.075	692.736	693.072	692.403	P[18]
A[9]	314.166	665.725	660.385	660.721	660.049	A[17]
P[10]	346.517	642.048	636.708	637.042	636.370	P[16]
K[11]	389.216	609.695	604.355	604.691	604.019	K[15]
K[12]	445.917	566.996	561.657	561.993	561.321	K[14]
G[13]	464.925	510.295	504.955	505.291	504.619	G[13]
S[14]	493.935	491.287	485.948	486.284	485.612	S[12]
K[15]	550.937	462.277	456.937	457.273	456.601	K[11]
K[16]	607.339	408.375	403.035	403.371	399.999	K[10]
A[17]	631.018	348.873	343.533	343.869	343.198	A[9]
I[18]	668.713	325.194	319.854	320.190	319.519	I[8]
T[19]	702.395	287.499	282.160	282.496	281.824	T[7]
K[20]	759.097	253.817	248.477	248.813	248.141	K[6]
A[21]	782.776	197.115	191.775	192.111	191.439	A[5]
Q[22]	825.462	173.436	168.096	168.432	167.760	Q[4]
K[23]	868.161	130.750	125.410	125.746	125.074	K[3]
K[24]	910.859	88.051	82.712	83.048	82.376	K[2]
D[25]	949.201	45.353	40.014	40.349	39.678	D[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AITK Acetyl 42.01 AQKKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=69.04
- ▶ F113278.dat
- ▶ query=q59873.p1
- ▶ precursor=570.120090
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	712.399	708.394	0.755	708.142	P[25]
E[2]	61.798	608.136	604.131	0.755	603.879	E[24]
P[3]	86.051	655.875	651.870	0.755	651.618	P[23]
S[4]	107.809	631.612	627.607	0.755	627.355	S[22]
K[5]	146.834	659.854	655.849	606.101	605.597	K[21]
S[6]	188.392	670.329	566.323	567.076	566.372	S[20]
T[7]	193.054	548.070	543.060	545.318	544.814	T[19]
P[8]	218.117	523.859	519.804	520.056	519.552	P[18]
A[9]	235.877	499.545	495.541	495.793	495.289	A[17]
P[10]	260.140	481.786	477.781	478.033	477.529	P[16]
K[11]	292.164	457.523	453.518	453.770	453.266	K[15]
K[12]	334.690	425.499	421.494	421.746	421.243	K[14]
G[13]	348.945	382.973	378.968	379.220	378.716	G[13]
S[14]	370.703	368.717	364.713	364.965	364.461	S[12]
K[15]	413.230	346.955	342.950	343.202	342.703	K[11]
K[16]	455.756	304.431	300.426	300.680	300.176	K[10]
A[17]	473.515	261.907	257.902	258.154	257.650	A[9]
I[18]	501.786	244.147	240.143	240.395	239.891	I[8]
T[19]	527.048	215.876	211.872	212.124	211.620	T[7]
K[20]	569.575	190.614	186.610	186.862	186.358	K[6]
A[21]	587.334	148.088	144.083	144.335	143.831	A[5]
Q[22]	619.349	130.329	126.324	126.576	126.072	Q[4]
K[23]	651.372	98.314	94.309	94.561	94.057	K[3]
K[24]	683.396	66.290	62.285	62.538	62.034	K[2]
D[25]	712.153	34.267	30.263	30.514	30.010	D[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AITK ^{Acetyl}42.01 AQQKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.78
- ▶ F113278.dat
- ▶ query=q59875.p1
- ▶ precursor=712.398650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	115.067	2646.573	2830.555	0.000	2829.547	P[25]
E	2	244.229	2749.324	2733.362	0.000	2732.496	E[24]
P	3	341.182	2620.476	2604.459	0.000	2603.452	P[23]
S	4	428.214	2621.425	2607.407	0.000	2606.399	S[22]
R	5	504.315	2436.393	2420.375	2421.382	2419.367	R[21]
S	6	671.347	2380.292	2364.273	2265.281	2263.266	S[20]
T	7	717.305	2193.280	2177.241	2178.249	2176.234	T[19]
F	8	809.448	2092.212	2076.194	2077.202	2075.186	F[18]
A	9	960.485	1995.160	1979.141	1980.149	1978.133	A[17]
P	10	1037.537	1924.123	1908.104	1909.112	1907.096	P[16]
K	11	1165.632	1827.070	1811.051	1812.059	1810.043	K[15]
K	12	1335.738	1698.975	1682.956	1683.964	1681.948	K[14]
Q	13	1392.799	1529.869	1512.850	1513.858	1511.843	Q[13]
S	14	1478.793	1471.846	1455.829	1456.837	1454.821	S[12]
K	15	1649.897	1384.819	1368.797	1369.805	1367.789	K[11]
K	16	1820.002	1214.710	1198.692	1199.699	1197.684	K[10]
A	17	1891.040	1044.605	1028.589	1029.594	1027.578	A[9]
T	18	2004.124	973.568	957.549	958.557	956.541	T[8]
T	19	2105.171	806.464	844.443	845.473	843.457	T[7]
K	20	2215.217	739.430	743.417	744.425	742.409	K[6]
A	21	2346.314	589.330	573.312	574.320	572.304	A[5]
Q	22	2474.373	518.293	502.275	503.282	501.267	Q[4]
K	23	2602.468	400.235	374.216	375.224	373.209	K[3]
K	24	2730.562	362.140	246.121	247.129	245.113	K[2]
E	25	2845.589	134.045	118.028	119.034	117.018	E[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AITK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.78
- ▶ F113278.dat
- ▶ query=q59875.p1
- ▶ precursor=712.398650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1423.790	1415.781	0.504	1415.277	P[25]
E	2	122.588	1217.295	1367.255	0.504	1366.751	E[24]
F	3	171.095	1310.743	1302.733	0.504	1302.229	F[23]
S	4	214.611	1262.218	1254.207	0.504	1253.703	S[22]
R	5	262.681	1218.700	1210.691	1211.195	1210.187	R[21]
S	6	336.177	1140.650	1132.640	1133.144	1132.136	S[20]
T	7	366.704	1097.134	1089.124	1089.628	1088.620	T[19]
F	8	435.227	1046.610	1038.603	1039.104	1038.597	F[18]
A	9	470.748	998.083	990.074	990.578	989.571	A[17]
P	10	519.272	962.565	954.556	955.059	954.052	P[16]
K	11	561.320	914.039	906.029	906.533	905.525	K[15]
K	12	668.373	849.991	841.982	842.486	841.479	K[14]
C	13	698.903	804.938	797.927	797.433	796.425	C[13]
S	14	740.399	736.425	728.418	728.922	727.914	S[12]
K	15	825.452	692.012	684.902	685.406	684.398	K[11]
K	16	910.505	607.859	599.848	600.351	599.344	K[10]
A	17	946.021	522.806	514.797	515.301	514.293	A[9]
I	18	1002.565	487.287	479.278	479.782	478.774	I[8]
T	19	1053.069	438.745	429.736	429.240	428.232	T[7]
K	20	1138.142	380.222	372.212	372.716	371.708	K[6]
A	21	1173.601	295.169	287.159	287.663	286.656	A[5]
Q	22	1237.690	259.656	251.641	252.145	251.137	Q[4]
K	23	1301.737	195.621	187.612	188.116	187.108	K[3]
K	24	1385.789	131.574	123.564	124.068	123.060	K[2]
D	25	1423.236	67.526	59.517	60.021	59.013	D[1]

sp | Q9D2U9 | H2B3A_MOUSE

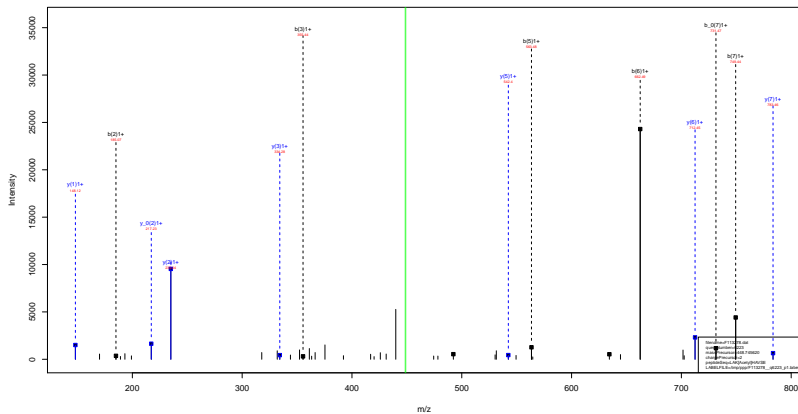
PEPSRSTPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AITK Acetyl 42.01 AQQKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=61.78
- ▶ F113278.dat
- ▶ query=q59875.p1
- ▶ precursor=712.398650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[5]	39.034	949.529	944.190	0.672	943.854	P[25]
E[2]	82.048	917.178	911.839	0.672	911.503	E[24]
P[3]	114.399	874.164	868.825	0.672	868.489	P[23]
S[4]	143.410	841.813	836.474	0.672	836.138	S[22]
K[5]	185.483	812.803	807.463	807.799	807.127	K[21]
S[6]	224.454	780.769	775.429	775.765	775.093	S[20]
T[7]	258.136	731.758	726.419	726.755	726.083	T[19]
P[8]	290.487	698.078	692.738	693.072	692.403	P[18]
A[9]	314.166	665.725	660.385	660.721	660.049	A[17]
P[10]	346.517	642.046	636.706	637.042	636.370	P[16]
K[11]	389.216	609.695	604.355	604.691	604.019	K[15]
K[12]	445.917	566.996	561.657	561.993	561.321	K[14]
G[13]	464.925	510.295	504.955	505.291	504.619	G[13]
S[14]	493.935	491.287	485.948	486.284	485.612	S[12]
K[15]	550.637	462.277	456.937	457.273	456.601	K[11]
K[16]	607.339	425.375	420.035	420.371	419.699	K[10]
A[17]	631.018	348.873	343.534	343.869	343.198	A[9]
T[18]	658.713	325.194	319.855	320.190	319.519	T[9]
T[19]	702.395	287.499	282.159	282.496	281.824	T[7]
K[20]	759.097	253.817	248.477	248.813	248.141	K[6]
A[21]	782.776	197.115	191.775	192.111	191.439	A[5]
Q[22]	825.462	173.438	168.098	168.432	167.760	Q[4]
K[23]	868.161	130.750	125.410	125.746	125.074	K[3]
K[24]	910.859	88.051	82.712	83.048	82.376	K[2]
D[25]	949.201	45.353	40.014	40.349	39.678	D[1]

sp | P70696 | H2B1A_MOUSE

LAK^{Acetyl} HAVSE
42.01



sp | P70696 | H2B1A_MOUSE

LAK^{Acetyl} 42.01 HAVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=41.34
- ▶ F113278.dat
- ▶ query=q6223.p1
- ▶ precursor=448.745620
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	y	y*	y,β	AA
L1	86.298	0.000	0.000	114.293	0.000	0.000	488.483	0.000	0.000	L1
A1	157.134	0.000	0.000	185.128	0.000	0.000	783.400	0.000	0.000	A1
R1	327.230	100.213	0.000	355.234	108.207	0.000	712.302	0.000	0.000	R1
H1	404.298	447.271	0.000	492.293	475.264	0.000	542.257	0.000	0.000	H1
A1	535.232	518.209	0.000	563.300	546.203	0.000	495.200	0.000	0.000	A1
V1	624.404	617.377	0.000	662.390	645.373	0.000	334.181	0.000	0.000	V1
S1	721.430	704.409	701.425	749.430	732.404	731.420	235.092	0.000	217.082	S1
E1	850.478	833.459	834.466	878.473	861.446	860.459	148.060	0.000	130.050	E1

sp | P70696 | H2B1A_MOUSE

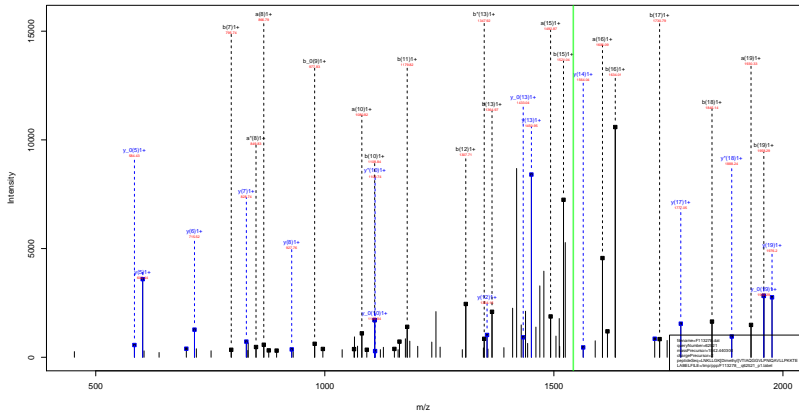
LAK^{Acetyl} 42.01 HAVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.87
- ▶ F113278.dat
- ▶ query=q6224.p1
- ▶ precursor=448.745620
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
L	1	131.118	896.484	880.465	0.000	879.457	L
A	2	202.155	783.400	767.381	0.000	766.373	A
R	3	372.261	712.362	696.344	697.352	699.336	R
H	4	509.319	542.257	526.238	527.246	525.230	H
A	5	580.357	405.198	389.179	390.187	388.171	A
V	6	679.425	334.161	318.142	319.150	317.134	V
S	7	766.457	235.092	219.074	220.082	218.066	S
E	8	899.500	148.060	132.042	133.050	131.034	E

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

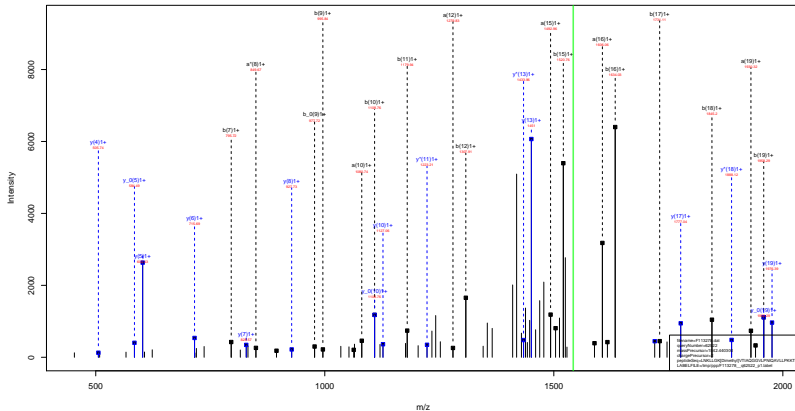
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=76.19
- ▶ F113278.dat
- ▶ query=q62521_p1
- ▶ precursor=1542.440300
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	r	y*	y,0	AA
L1	26	202	0	0	0	0	0	0	0	L129
N1	27	211	0	0	0	0	0	0	0	N130
K1	28	224	111	202	355	225	0	202	202	K129
L4	44	116	424	202	466	119	0	271	441	L128
L5	45	124	537	202	582	287	0	283	538	L129
G5	51	192	606	202	658	319	0	352	607	G54
K1	77	352	102	538	785	345	0	345	484	K123
V1	87	406	119	607	894	413	0	413	574	V122
L1	97	458	174	686	955	461	0	461	620	L121
I10	108	510	232	768	1108	519	0	519	678	I120
A11	115	527	254	814	1177	572	0	572	731	A119
G12	117	536	262	823	1187	581	0	581	740	G120
G13	118	545	270	832	1196	590	0	590	749	G121
G14	119	554	279	841	1205	599	0	599	758	G122
V15	142	657	378	943	1320	692	0	692	861	V120
L16	150	684	399	971	1358	720	0	720	889	L124
P17	151	694	408	980	1367	729	0	729	898	P115
N18	151	694	408	980	1367	729	0	729	898	N120
I19	153	702	416	989	1376	738	0	738	907	I121
G20	153	702	416	989	1376	738	0	738	907	G119
A21	153	702	416	989	1376	738	0	738	907	A118
V22	153	702	416	989	1376	738	0	738	907	V118
L23	153	702	416	989	1376	738	0	738	907	L117
F24	153	702	416	989	1376	738	0	738	907	F118
K25	153	702	416	989	1376	738	0	738	907	K116
K26	153	702	416	989	1376	738	0	738	907	K14
K27	153	702	416	989	1376	738	0	738	907	K13
L28	153	702	416	989	1376	738	0	738	907	L12
E29	153	702	416	989	1376	738	0	738	907	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

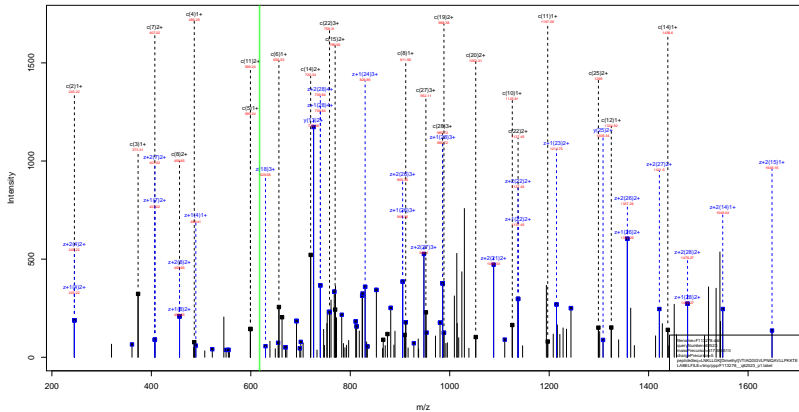
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=98.03
- ▶ F113278.dat
- ▶ query=q62522_p1
- ▶ precursor=1542.440300
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA
L1	36	600	0.000	0.000	114.000	0.000	0.000	360.000	0.000	L129
N1	200	174	163.113	0.000	240.134	211.000	0.000	287.000	240.134	N221
K1	708	174	511.262	0.000	355.214	326.000	0.000	355.214	317.141	K221
L4	441	418	424.202	0.000	469.113	442.000	0.000	2720.000	2711.041	L128
L13	204	407	337.200	0.000	382.200	353.000	0.000	382.200	343.000	L124
G1	311	424	314.307	0.000	329.412	324.300	0.000	2202.000	2193.471	G124
K1	707	600	600.000	0.000	705.540	728.510	0.000	2441.400	2432.454	K122
V1	688	614	640.592	0.000	694.613	677.500	0.000	2409.000	2402.100	V122
T1	397	600	492.600	0.000	525.601	518.600	0.000	2102.000	2111.200	T122
G13	1088	750	1081.144	1062.740	1108.740	1091.710	1050.100	3000.200	3009.210	G120
A11	1117	777	1114.701	1112.777	1179.770	1162.700	1101.710	1976.154	1958.141	A119
G12	1278	646	1262.610	1261.610	1301.641	1291.610	1101.111	1801.000	1800.000	G119
G15	1310	600	1310.000	1310.000	1375.000	1365.000	1100.000	1777.000	1776.000	G117
G14	1310	600	1310.000	1310.000	1375.000	1365.000	1101.010	1791.010	1790.010	G116
V15	1482	557	1476.010	1476.010	1528.952	1501.926	1301.940	1601.910	1600.910	V115
L16	1508	541	1500.015	1498.015	1634.036	1617.010	1410.000	1540.000	1540.000	L114
P17	1511	524	1505.000	1503.000	1710.000	1714.001	1711.010	1430.001	1431.010	P113
N18	1611	418	1600.011	1598.011	1845.132	1838.100	1601.010	1300.000	1300.000	N112
G19	1938	272	1931.100	1929.211	1958.210	1941.100	1900.200	1222.741	1221.701	G111
Q120	2058	281	2044.201	2042.201	2090.271	2082.240	2068.200	1126.681	1120.672	Q110
A111	2090	317	2076.010	2074.100	2119.101	2109.100	2090.100	800.000	800.000	A110
V122	2091	400	2011.000	2011.000	2170.000	2151.000	2010.000	627.500	627.500	V110
L123	2041	403	2034.401	2033.400	2090.404	2072.410	2051.400	628.510	611.490	L117
L124	2042	413	2030.010	2029.010	2080.000	2062.000	2042.010	715.400	698.400	L116
P121	2011	400	2011.000	2010.000	2061.000	2051.000	2001.000	602.501	584.500	P110
K126	2074	311	2062.010	2061.000	2107.000	2089.010	2080.000	505.200	488.200	K114
K127	2074	311	2062.010	2061.000	2107.000	2089.010	2080.000	505.200	488.200	K113
L128	2038	404	2031.401	2030.400	2078.410	2059.410	2010.000	401.000	391.000	L112
L129	2037	400	2030.000	2029.000	2069.000	2049.000	2010.000	300.000	290.000	L111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.51
- ▶ F113278.dat
- ▶ query=q62523.p1
- ▶ precursor=617.580510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	131.118	3083.892	3067.873	0.000	3066.895	L129
N2	245.161	2970.838	2954.789	2955.797	2953.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.585	2599.567	2600.575	2598.560	L25
G6	656.445	2502.502	2486.483	2487.491	2485.475	G24
K7	812.572	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2288.354	2273.335	2274.343	2272.327	V22
T9	1017.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.867	1895.111	1889.093	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.015	1646.997	1648.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
F17	1748.116	1450.893	1434.864	1435.872	1433.856	F13
T18	1852.159	1383.810	1367.791	1368.799	1366.783	T12
I19	1975.243	1236.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.336	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.456	699.433	700.424	696.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2953.895	249.138	233.089	234.097	232.082	T2
E29	3082.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.51
- ▶ F113278.dat
- ▶ query=q62523.p1
- ▶ precursor=617.580510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.850	1534.440	9.504	1533.930	L126
N1	123.054	1485.905	1477.898	1478.402	1477.304	N20
K1	157.132	1428.886	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1299.791	1299.783	L25
G16	328.228	1251.795	1243.745	1244.249	1243.241	G24
K17	406.789	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
T19	506.640	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	980.581	980.571	981.075	980.067	A19
G12	602.817	953.062	953.563	954.067	954.569	G18
G13	691.448	899.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.935	782.477	774.468	774.972	773.964	L14
T17	874.561	725.335	717.325	717.829	717.325	T13
N18	911.553	677.820	669.399	669.903	668.895	N12
I19	988.125	620.307	612.297	612.802	611.874	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	484.297	456.288	456.792	455.784	V16
L23	1163.159	414.763	406.754	407.258	406.250	L17
L24	1256.291	358.221	350.213	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P15
K26	1382.895	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.049	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.51
- ▶ F113278.dat
- ▶ query=q62523.p1
- ▶ precursor=617.580510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
L	1	44.377	1028.035	1021.295	0.672	1022.960	L29
N	2	82.302	990.941	985.601	985.937	985.265	N28
K	3	125.090	952.905	947.567	947.923	947.251	K27
L	4	183.785	910.225	904.889	905.225	904.553	L26
L	5	230.479	872.531	867.194	867.530	866.858	L25
G	6	219.487	834.839	829.499	829.835	829.163	G24
K	7	271.529	815.832	810.492	810.828	810.156	K23
V	8	304.552	763.790	758.450	758.786	758.114	V22
Y	9	338.234	730.767	725.427	725.763	725.091	Y21
V	10	375.929	697.084	691.745	692.081	691.409	V20
A	11	369.608	659.305	654.050	654.386	653.718	A19
Q	12	442.294	636.710	630.371	630.707	630.035	Q18
G	13	461.301	593.024	587.685	588.021	587.349	G17
G	14	480.308	574.017	568.678	569.013	568.343	G16
V	15	513.331	555.010	549.670	550.006	549.334	V15
L	16	551.026	521.987	516.648	516.984	516.312	L14
P	17	583.377	484.202	478.953	479.289	478.617	P13
N	18	621.391	451.942	446.602	446.938	446.266	N12
T	19	659.086	413.927	408.588	408.924	408.252	T11
Q	20	701.772	376.231	370.893	371.229	370.557	Q10
A	21	725.451	333.545	328.207	328.543	327.871	A9
V	22	758.474	309.867	304.528	304.864	304.192	V8
L	23	796.168	276.844	271.505	271.841	271.169	L7
L	24	833.863	239.150	233.810	234.146	233.474	L6
P	25	866.214	201.455	196.116	196.451	195.780	P5
K	26	908.912	169.104	163.765	164.101	163.429	K4
K	27	951.611	126.805	121.466	121.802	121.130	K3
L	28	985.293	83.709	78.369	78.704	78.032	L2
E	29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=58.51
- ▶ F113278.dat
- ▶ query=q62523.p1
- ▶ precursor=617.580510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[3]	33.535	771.748	767.724	0.765	767.472	L[29]
W[2]	62.046	783.457	739.453	739.705	739.201	K[29]
K[3]	94.069	714.947	710.947	711.104	710.690	K[27]
L[4]	122.340	682.923	678.918	679.170	678.666	L[26]
L[5]	150.611	654.652	650.647	650.899	650.395	L[25]
G[6]	164.867	626.381	622.376	622.628	622.124	G[24]
K[7]	203.898	612.126	608.121	608.373	607.869	K[23]
V[8]	228.665	573.094	569.089	569.341	568.837	V[22]
T[9]	253.927	548.327	544.322	544.574	544.070	T[21]
T[10]	282.158	523.065	519.060	519.312	518.808	L[20]
A[11]	299.958	494.794	490.789	491.041	490.537	A[19]
Q[12]	331.972	477.036	473.030	473.282	472.778	Q[18]
G[13]	346.228	445.020	441.015	441.267	440.763	G[17]
G[14]	360.483	430.765	426.760	427.012	426.508	G[16]
V[15]	385.250	416.509	412.505	412.757	412.253	V[15]
L[16]	413.521	391.742	387.737	387.989	387.486	L[14]
P[17]	437.784	363.471	359.466	359.718	359.215	P[13]
N[18]	466.295	339.208	335.203	335.455	334.951	N[12]
T[19]	494.566	310.697	306.693	306.945	306.441	T[11]
Q[20]	526.581	282.426	278.422	278.673	278.170	Q[10]
A[21]	544.340	250.412	246.407	246.659	246.155	A[9]
V[22]	569.137	232.652	228.648	228.900	228.396	V[8]
L[23]	597.378	207.885	203.881	204.132	203.629	L[7]
L[24]	625.649	179.614	175.609	175.861	175.358	L[6]
P[25]	649.912	151.343	147.338	147.590	147.087	P[5]
K[26]	681.936	127.080	123.075	123.327	122.823	K[4]
K[27]	713.960	95.056	91.052	91.304	90.800	K[3]
T[28]	739.222	63.032	59.028	59.280	58.776	T[2]
E[29]	771.482	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=34.20
- ▶ F113278.dat
- ▶ query=q62524.p1
- ▶ precursor=617.580510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L11	88.008	0.000	0.000	114.091	0.000	0.000	1063.893	1069.893	1063.893	L12G
K12	2003.199	103.113	0.000	228.134	201.108	0.000	2070.803	2065.781	2062.797	K12G
K13	626.234	61.120	0.000	366.229	330.203	0.000	2486.166	2489.738	2436.754	K12T
L14	641.318	624.202	0.000	468.313	452.287	0.000	2122.610	2111.643	2110.668	L12G
L15	254.402	217.478	0.000	266.394	246.374	0.000	2615.260	2598.263	2599.278	L12G
Q16	81.1424	584.397	0.000	608.416	622.392	0.000	2002.300	2048.475	2044.461	Q124
K17	187.550	200.524	0.000	395.545	378.519	0.000	2443.480	2420.454	2427.470	K122
V18	616.618	609.592	0.000	664.613	657.587	0.000	2289.761	2272.737	2271.763	V122
V19	167.608	160.582	649.655	965.661	978.635	977.611	2190.205	2115.205	2115.205	V121
L120	1080.970	1063.124	1062.146	1108.749	1091.719	1090.719	2089.238	2072.211	2071.227	L120
A111	1151.087	1134.061	1133.777	1174.362	1162.790	1161.772	1406.154	1404.127	1404.143	A119
Q112	1219.696	1202.670	1202.821	1230.484	1226.014	1225.020	1920.111	1898.096	1898.108	Q110
Q113	1008.867	1013.884	1014.801	1044.962	1047.434	1046.959	1777.026	1769.013	1769.024	Q117
G14	1383.889	1376.862	1376.871	1421.884	1404.857	1403.873	1721.037	1703.010	1702.026	G116
V115	1402.877	1419.851	1418.866	1520.921	1503.894	1502.909	1681.011	1643.986	1642.999	V115
L116	1306.041	1309.015	1308.031	1354.035	1351.010	1350.026	1563.947	1549.920	1548.936	L114
P117	1703.094	1698.068	1698.084	1711.089	1714.063	1713.079	1440.963	1413.938	1412.952	P113
M18	1817.437	1805.111	1799.127	1845.132	1828.105	1827.121	1383.810	1338.783	1335.799	M112
T19	1009.071	1013.045	1013.251	1039.255	1041.186	1040.266	1329.780	1322.744	1321.759	T111
Q120	2056.500	2041.263	2040.278	2099.272	2084.244	2083.264	1126.400	1109.365	1108.377	Q110
A121	1170.517	1172.509	1171.300	1215.512	1210.302	1209.318	1681.624	1671.589	1661.614	A111
V122	2268.668	2241.369	2231.876	2259.368	2236.254	2235.270	1607.989	1601.361	1600.377	V111
L123	2241.499	2224.483	2223.470	2269.464	2252.438	2251.424	1628.513	1611.492	1610.508	L117
L124	2434.651	2417.327	2416.343	2462.348	2445.322	2444.338	1715.430	1698.403	1697.424	L116
P125	2051.606	2034.580	2033.595	2079.601	2062.575	2061.591	1682.351	1665.324	1664.340	P115
L126	2076.702	2059.676	2058.691	2104.696	2087.670	2086.686	1608.465	1591.438	1590.453	L114
K127	1907.196	1890.170	1889.185	1935.173	1918.164	1917.180	1617.389	1601.177	1600.193	K115
L128	1808.874	1801.857	1800.851	1836.839	1819.812	1818.828	1498.108	1481.100	1480.116	L112
L129	1017.608	1021.602	1019.879	1059.881	1048.054	1047.071	1448.090	1430.100	1430.102	L111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=34.20
- ▶ F113278.dat
- ▶ query=q62524.p1
- ▶ precursor=617.580510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	43.552	0.561	501	31.549	0.504	0.501	1561.201	3333.139	3333.144	L26
R1	100.573	92.180	0.504	114.571	106.197	0.504	1485.931	2477.904	2476.902	N26
K1	184.621	156.438	0.504	178.618	170.495	0.504	1428.886	2420.371	2419.381	K27
L4	251.583	214.658	0.504	235.160	226.647	0.504	1384.833	2366.321	2365.331	L26
L5	277.678	236.101	0.504	251.162	242.188	0.504	1336.201	2299.183	2298.201	L26
G6	306.418	267.102	0.504	300.213	291.108	0.504	1291.701	2243.341	2242.348	G24
K7	384.719	316.105	0.504	380.212	380.763	0.504	1223.241	2124.731	2124.739	K25
V8	431.113	425.363	0.504	441.611	439.267	0.504	1181.181	2136.661	2136.676	V22
Y9	484.337	475.523	475.331	498.334	489.921	489.329	1059.645	1987.133	1988.041	I21
I10	540.878	532.309	531.874	554.876	546.381	545.871	1045.111	2038.609	2038.111	I20
A11	576.397	567.854	567.382	590.395	581.681	581.177	988.561	1961.661	1961.676	A19
Q12	586.227	571.113	570.642	554.424	545.911	545.419	953.101	1884.561	1884.576	Q10
G13	608.617	593.504	593.032	622.935	614.422	613.919	889.631	1805.511	1805.527	G17
G14	607.448	588.935	588.441	711.446	702.932	702.440	851.701	1852.039	1851.517	G16
V15	746.832	738.349	737.877	760.360	752.487	751.974	831.811	1827.489	1827.506	V19
L16	803.524	795.111	794.513	817.522	809.069	808.517	781.477	1773.964	1773.472	L14
P17	852.651	843.137	843.046	866.644	857.632	857.041	725.915	717.422	716.930	P13
N18	909.672	895.559	895.087	924.670	914.558	914.054	617.462	1668.995	1668.491	N15
T19	968.814	954.491	954.000	979.812	971.596	971.000	568.301	1613.874	1613.383	T17
Q20	1029.944	1017.131	1016.659	1043.941	1035.128	1034.609	593.951	555.332	554.840	Q10
A21	1082.162	1065.689	1065.157	1099.160	1091.946	1091.324	488.811	1461.111	1461.111	A19
V22	1114.696	1105.113	1104.661	1124.694	1116.169	1115.668	489.201	455.784	455.782	V19
L23	1171.238	1159.225	1159.231	1185.226	1176.222	1176.230	414.701	1025.252	1025.758	L17
L24	1227.480	1218.281	1218.776	1243.778	1233.385	1233.774	358.221	948.708	948.216	L16
P25	1276.507	1267.703	1267.301	1290.304	1281.791	1281.259	381.670	293.168	292.674	P15
K26	1340.204	1331.841	1331.369	1354.362	1345.614	1345.518	283.911	244.939	244.144	K14
K27	1404.402	1395.588	1395.396	1418.399	1409.886	1409.394	189.112	189.561	189.100	K15
L28	1464.926	1449.412	1449.160	1488.921	1480.418	1480.912	126.661	0.504	116.162	L12
E29	1519.447	1511.934	1511.440	1533.444	1524.931	1524.432	74.531	0.504	65.529	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=34.20
- ▶ F113278.dat
- ▶ query=q62524.p1
- ▶ precursor=617.580510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L11	28.718	0.872	0.872	38.102	0.872	0.872	1033.031	1032.999	1032.812	L28
K12	67.585	61.730	0.872	78.715	71.941	0.872	960.941	965.265	964.921	K26
K13	110.681	104.407	0.872	116.413	113.739	0.872	952.520	947.251	946.921	K27
L14	147.778	142.125	0.872	157.109	151.434	0.872	910.228	904.503	904.225	L28
L15	188.874	179.197	0.872	194.884	188.128	0.872	815.511	806.952	806.735	L29
Q16	204.478	198.004	0.872	213.811	208.136	0.872	824.839	820.183	820.031	Q24
K17	258.522	250.908	0.872	265.853	260.178	0.872	811.832	810.159	809.820	K22
V18	289.048	281.869	0.872	298.878	293.301	0.872	781.729	788.114	787.789	V22
V19	323.227	317.551	0.872	331.221	323.595	0.872	526.505	530.767	529.091	V21
L20	360.822	355.288	0.872	370.251	364.876	0.872	494.200	497.084	491.409	L25
A11	384.601	378.625	0.872	397.919	390.257	0.872	459.350	453.714	453.386	A19
Q13	427.208	421.411	0.872	436.818	430.084	0.872	430.815	430.711	430.025	Q10
G15	446.204	440.611	0.872	455.626	448.968	0.872	449.929	451.024	447.021	G17
G14	489.008	483.628	0.872	474.833	468.957	468.829	374.101	389.382	388.114	G16
V15	478.124	469.949	0.872	507.856	501.300	501.852	528.010	549.154	548.069	V19
L10	538.019	532.383	0.872	545.350	539.875	539.347	521.087	535.312	535.084	L14
P17	566.870	561.494	0.872	567.701	572.026	0.872	484.292	478.617	476.289	P13
N18	608.084	603.208	0.872	613.119	610.046	0.872	451.942	446.268	445.036	N12
T19	644.878	638.401	0.872	653.418	648.748	0.872	441.800	440.292	439.804	T11
Q20	686.705	681.189	0.872	696.096	690.421	0.872	376.251	375.501	375.228	Q10
A21	728.709	724.709	0.872	734.440	728.112	0.872	331.540	327.871	327.942	A19
V22	712.867	707.147	0.872	732.798	724.123	0.872	389.889	384.182	383.854	V19
L21	751.151	745.488	0.872	759.997	754.817	0.872	364.489	378.944	377.185	L20
L24	818.856	813.189	0.872	826.188	822.812	0.872	298.150	293.474	293.146	L16
P25	851.207	845.511	0.872	860.539	854.863	0.872	281.455	280.789	280.452	P15
K26	893.806	888.161	0.872	903.251	898.874	0.872	269.213	268.184	267.829	K14
K27	936.054	930.508	0.872	945.951	940.280	0.872	126.426	125.735	125.602	K15
L28	970.288	964.611	0.872	979.811	973.942	0.872	81.718	81.872	81.784	L12
L29	1013.558	1007.822	0.872	1022.832	1016.958	0.872	301.023	0.872	44.102	L10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=34.20
- ▶ F113278.dat
- ▶ query=q62524.p1
- ▶ precursor=617.580510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
L1	32.280	0.755	0.755	28.210	0.755	0.755	774.720	767.472	767.226	L10
N2	30.790	0.534	0.755	57.705	3.532	0.755	743.457	739.201	738.955	N10
K3	62.014	175.557	0.755	89.813	85.556	0.755	714.967	710.990	710.444	K10
L4	111.009	339.808	0.755	133.594	113.827	0.755	642.923	639.666	639.200	L10
L5	136.356	435.099	0.755	148.355	142.060	0.755	654.652	650.395	650.148	L10
G6	133.611	349.320	0.755	160.810	136.354	0.755	626.381	622.124	621.878	G10
K7	132.648	338.309	0.755	139.842	135.385	0.755	612.126	607.869	607.623	K10
V8	217.410	613.253	0.755	224.400	220.152	0.755	573.066	568.597	568.351	V10
T9	242.872	638.415	238.189	249.671	245.414	245.188	548.527	544.010	543.524	T10
L10	270.843	699.689	260.440	277.942	273.685	273.459	523.069	518.809	518.324	L10
A11	288.702	684.446	284.202	295.701	291.444	291.188	484.784	480.517	480.251	A10
G12	306.714	638.460	318.213	327.718	323.460	323.213	477.628	473.186	472.532	G10
G13	334.872	530.716	330.470	341.971	337.714	337.468	445.021	440.761	440.517	G10
G14	398.228	384.971	394.720	398.228	394.970	394.720	430.760	426.508	426.262	G10
V15	423.095	309.730	360.482	360.984	336.737	335.481	416.509	412.253	411.807	V10
L16	462.266	398.030	397.781	409.265	406.008	405.752	393.742	389.486	389.239	L10
P17	426.520	422.272	422.020	433.520	429.271	429.020	363.471	359.215	358.969	P10
N18	493.040	619.213	607.530	462.539	467.782	467.530	339.200	334.951	334.705	N10
L19	493.214	479.054	478.808	493.214	488.053	487.807	316.887	312.641	312.395	L10
G20	535.325	613.000	612.903	522.324	518.067	517.971	282.420	278.170	277.924	G10
A21	631.088	303.909	626.588	540.083	535.827	535.571	268.411	264.155	263.909	A10
V22	637.852	553.509	551.590	564.851	560.594	560.338	232.852	228.596	228.350	V10
L23	596.124	613.269	607.820	593.122	588.865	588.610	207.485	203.249	203.003	L10
L24	614.368	613.137	609.951	622.367	617.130	616.943	178.614	174.368	174.122	L10
P25	638.857	634.400	634.154	645.856	641.599	641.353	151.341	147.087	146.841	P10
K26	670.981	606.426	606.130	677.979	673.423	673.127	127.080	122.823	122.577	K10
K27	702.764	609.478	609.230	708.120	703.444	703.188	88.840	84.584	84.338	K10
L28	612.110	612.110	612.110	623.465	619.465	619.465	78.530	78.530	78.530	L10
E29	780.227	655.910	785.724	767.226	762.969	762.723	37.771	0.755	33.260	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.90
- ▶ F113278.dat
- ▶ query=q62525.p1
- ▶ precursor=617.580570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2938.769	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.460	2429.442	2430.449	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1583.947	1547.928	1548.936	1546.920	L[14]
F[17]	1768.116	1450.863	1434.844	1435.852	1433.836	F[13]
N[18]	1862.159	1393.819	1377.791	1378.799	1376.783	N[12]
I[19]	1975.243	1239.761	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.500	811.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.908	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.90
- ▶ F113278.dat
- ▶ query=q62525.p1
- ▶ precursor=617.580570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	9.504	1533.930	L120
N12	123.034	1485.905	1477.898	1478.402	1477.304	N020
K13	157.132	1428.805	1420.877	1421.381	1420.373	K027
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.257	1300.791	1299.783	L125
Q16	328.290	1251.795	1243.743	1244.249	1243.241	Q024
K17	406.730	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
T19	506.848	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T020
A11	568.909	988.581	980.571	981.075	980.067	A119
Q12	662.937	938.066	930.053	930.557	929.549	Q118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	820.935	782.477	774.468	774.972	773.964	L114
T17	874.561	725.935	717.925	718.429	717.421	T113
N18	931.583	677.422	669.399	669.903	668.895	N012
I19	988.125	630.907	612.378	612.882	611.874	I111
Q20	1052.154	563.845	555.836	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	484.297	456.288	456.792	455.784	V10
L23	1193.749	414.763	406.753	407.257	406.250	L11
L24	1250.291	358.221	350.213	350.716	349.708	L10
P25	1298.817	301.679	293.670	294.174	293.166	P10
K26	1362.895	253.153	245.143	245.647	244.639	K14
K27	1426.912	199.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.90
- ▶ F113278.dat
- ▶ query=q62525.p1
- ▶ precursor=617.580570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.035	1021.295	0.672	1022.960	L29
N2	82.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.025	947.587	947.923	947.251	K27
L4	183.385	910.228	904.889	905.225	904.553	L26
L5	230.479	872.533	867.194	867.530	866.858	L25
G6	219.487	834.838	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
Y9	338.234	730.767	725.427	725.763	725.091	Y21
V10	375.929	697.084	691.745	692.081	691.409	V20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	636.710	630.371	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.343	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
T19	659.086	413.927	408.588	408.924	408.252	T11
Q20	701.772	376.231	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.893	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P5
K26	908.912	169.104	163.765	164.101	163.429	K4
K27	951.611	126.808	121.469	121.805	121.133	K3
L28	985.293	83.709	78.369	78.704	78.032	L2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

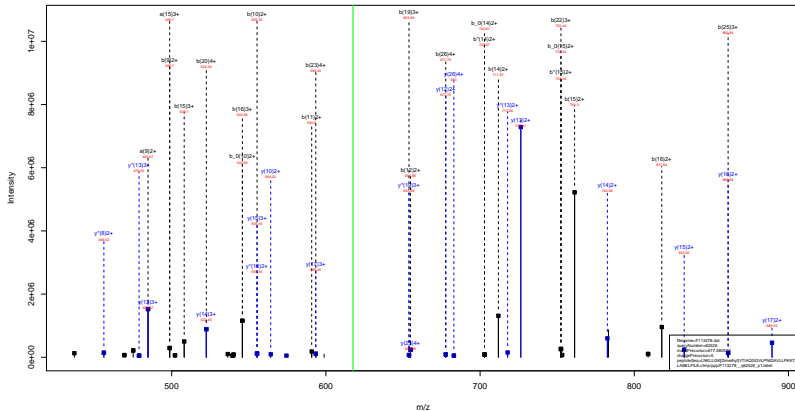
LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=76.90
- ▶ F113278.dat
- ▶ query=q62525_p1
- ▶ precursor=617.580570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	33.535	771.726	767.725	0.755	767.472	L[29]
N[2]	62.046	743.457	739.453	739.705	739.201	N[20]
K[3]	94.069	714.947	710.942	711.194	710.690	K[27]
L[4]	122.340	682.923	678.918	679.170	678.666	L[28]
L[5]	150.611	654.652	650.647	650.899	650.395	L[25]
G[6]	164.867	626.381	622.376	622.628	622.124	G[24]
K[7]	203.898	612.126	608.121	608.373	607.869	K[23]
V[8]	228.665	573.094	569.089	569.341	568.837	V[22]
T[9]	253.927	548.327	544.322	544.574	544.070	T[21]
T[10]	282.158	523.065	519.060	519.312	518.808	T[20]
A[11]	299.958	494.794	490.789	491.041	490.537	A[19]
Q[12]	331.972	477.035	473.030	473.282	472.778	Q[18]
G[13]	346.228	445.020	441.015	441.267	440.763	G[17]
G[14]	360.483	430.765	426.760	427.012	426.508	G[16]
V[15]	385.250	416.509	412.504	412.757	412.253	V[15]
L[16]	413.521	391.742	387.737	387.989	387.486	L[14]
P[17]	437.794	363.471	359.466	359.718	359.215	P[13]
N[18]	466.205	339.208	335.203	335.455	334.951	N[12]
T[19]	494.566	310.697	306.693	306.945	306.441	T[11]
Q[20]	526.581	282.426	278.422	278.673	278.170	Q[10]
A[21]	544.340	250.412	246.407	246.659	246.155	A[9]
V[22]	569.107	232.652	228.648	228.900	228.396	V[8]
L[23]	597.378	207.885	203.881	204.132	203.629	L[7]
L[24]	625.649	179.614	175.610	175.861	175.358	L[6]
P[25]	649.912	151.343	147.338	147.590	147.087	P[5]
K[26]	681.936	127.080	123.075	123.327	122.823	K[4]
K[27]	713.960	95.056	91.052	91.304	90.800	K[3]
T[28]	739.222	63.032	59.028	59.280	58.776	T[2]
E[29]	771.482	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=48.20
- ▶ F113278.dat
- ▶ query=q62526.p1
- ▶ precursor=617.580570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA	
L1	88.008	0.000	1.000	114.091	0.000	0.000	1063.890	1069.890	1063.890	L208	
K12	2003.199	1033.113	0.000	2205.134	201.108	0.000	2070.800	2065.782	2062.767	K206	
K13	626.034	611.209	0.000	366.273	330.203	0.000	2466.160	2459.738	2436.754	K127	
L14	641.318	624.202	0.000	468.313	452.287	0.000	2126.810	2111.643	2110.608	L206	
L15	254.802	237.476	0.000	266.394	246.374	0.000	2615.260	2599.269	2599.273	L205	
Q16	81.1424	784.397	0.000	808.419	822.362	0.000	2002.300	2048.475	2044.461	Q124	
K17	187.550	180.524	0.000	395.545	378.519	0.000	2443.480	2426.454	2427.470	K125	
V18	106.819	809.362	0.000	804.813	817.267	0.000	2289.760	2272.237	2271.243	V122	
V19	167.608	160.600	0.000	965.065	965.065	0.000	377.651	2190.200	2115.250	2112.275	V121
L20	1080.970	1063.124	1062.140	1108.749	1091.719	1090.710	2089.230	2072.211	2071.227	L203	
A11	1151.087	1134.163	1133.717	1174.362	1162.790	1161.712	1406.124	1404.127	1404.143	A109	
Q12	1019.696	1002.619	1001.820	1100.484	1090.814	1089.820	1920.111	1899.096	1898.776	Q110	
Q13	1008.867	1013.864	1014.870	1064.963	1047.434	1046.959	1777.020	1769.013	1768.954	Q117	
G14	1383.889	1376.882	1376.870	1421.884	1404.867	1403.873	1721.037	1703.010	1702.032	G116	
V15	1402.877	1407.874	1408.866	1520.820	1503.803	1502.849	1681.010	1643.989	1642.990	V119	
L16	1306.041	1309.033	1308.031	1354.035	1337.018	1336.026	1563.947	1546.920	1545.936	L114	
P17	1003.694	1008.688	1005.684	1111.689	1114.681	1113.679	1440.663	1413.638	1412.652	P113	
M18	1017.437	1005.113	1000.127	1045.132	1028.105	1027.123	1383.810	1338.763	1335.799	M115	
T19	1009.074	1013.065	1012.051	1069.058	1044.186	1043.266	1329.760	1222.744	1221.751	T111	
Q20	2056.500	2041.263	2040.250	2099.272	2084.244	2083.264	2126.460	2109.950	2108.977	Q100	
A21	1170.517	1172.509	1171.500	1215.512	1210.500	1209.501	1681.624	1617.589	1616.614	A101	
V22	2268.668	2241.369	2231.870	2256.368	2236.354	2235.341	1671.689	1617.563	1616.677	V101	
L23	2241.499	2224.483	2223.470	2269.484	2252.438	2251.424	1628.510	1611.460	1610.508	L107	
L24	2434.633	2417.527	2416.545	2462.548	2445.522	2444.535	1715.430	1608.408	1607.424	L105	
P25	2051.606	2034.500	2033.500	2079.601	2062.575	2061.561	1682.351	1605.324	1604.340	P103	
K26	2076.702	2061.512	2060.500	2110.606	2093.610	2092.600	1608.465	1488.275	1487.287	K104	
K27	1967.196	1950.710	1949.700	1995.703	1978.194	1977.189	1617.160	1517.200	1516.173	K103	
L28	1608.874	1601.817	1600.851	1650.839	1633.812	1632.826	1491.100	1400.100	1401.100	L102	
L29	1617.668	1610.600	1609.610	1660.601	1643.624	1642.617	1448.000	1400.000	1401.000	L101	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=48.20
- ▶ F113278.dat
- ▶ query=q62526.p1
- ▶ precursor=617.580570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	43.552	0.564	501	31.549	0.504	0.504	1261.201	3333.139	3333.144	L206
R1	100.573	92.180	0.504	114.571	106.197	0.504	1485.901	1477.904	1476.902	R206
K1	184.621	156.439	0.504	178.618	170.495	0.504	1428.886	1420.371	1419.081	K127
L4	251.583	214.658	0.504	235.160	226.647	0.504	1384.833	1376.321	1375.131	L206
L5	277.678	238.101	0.504	257.162	248.188	0.504	1336.201	1327.183	1326.281	L206
G6	308.418	267.102	0.504	289.213	281.108	0.504	1291.701	1282.381	1281.748	G24
K7	384.719	316.105	0.504	366.212	358.163	0.504	1223.241	1214.731	1214.739	K125
V8	433.119	405.303	0.504	411.611	403.267	0.504	1181.181	1172.661	1172.176	V222
Y9	484.337	473.523	475.331	498.334	489.921	489.520	1059.645	1047.133	1046.941	Y221
I10	540.878	512.309	531.871	554.876	546.361	545.871	1045.121	1036.609	1036.117	I201
A11	616.587	587.854	587.382	590.395	581.682	581.390	980.161	980.161	979.275	A119
Q12	660.277	611.113	611.621	654.424	645.911	645.419	951.901	951.901	950.984	Q110
G13	698.577	660.404	660.912	687.935	679.422	678.930	889.031	889.513	889.027	G117
G14	697.448	668.935	669.441	711.446	702.932	702.440	860.522	861.009	861.517	G116
V15	746.833	708.469	708.977	768.380	752.467	751.974	822.011	822.498	822.986	V119
L16	803.524	765.111	764.513	817.522	809.009	808.517	773.471	773.471	773.472	L124
P17	852.651	814.117	814.648	866.048	857.635	857.643	725.935	717.422	716.930	P113
N18	909.672	865.559	866.087	924.070	914.958	914.954	677.469	668.995	668.403	N112
T19	968.814	921.401	921.930	978.812	969.398	969.398	611.014	611.014	611.014	T111
Q20	1009.644	1017.130	1017.659	1043.641	1035.128	1034.639	563.845	555.332	554.840	Q110
A21	1062.182	1065.669	1066.157	1091.180	1082.668	1082.154	481.811	481.811	481.811	A111
V22	1114.696	1118.181	1118.669	1142.694	1134.180	1133.668	489.249	455.784	455.292	V111
L23	1171.238	1174.723	1175.211	1195.235	1186.722	1186.210	414.751	405.252	405.758	L117
L24	1227.480	1231.467	1231.975	1244.478	1235.965	1235.473	368.221	348.708	349.216	L16
P25	1276.507	1287.753	1287.301	1299.304	1291.191	1291.259	381.670	263.168	262.674	P115
K26	1340.204	1331.941	1331.969	1354.205	1346.018	1345.946	263.161	244.839	244.144	K14
R27	1404.402	1395.588	1395.360	1416.399	1408.086	1408.304	189.110	189.561	189.100	R115
L28	1464.926	1446.412	1446.560	1468.921	1460.812	1460.812	126.016	0.504	116.162	L12
E29	1519.447	1511.934	1511.440	1533.444	1524.931	1524.439	74.531	0.504	65.529	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=48.20
- ▶ F113278.dat
- ▶ query=q62526.p1
- ▶ precursor=617.580570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	28.718	0.072	0.072	38.102	0.072	0.072	0.031	0.022	0.022	L28
K1	67.585	61.700	0.072	76.715	71.041	0.072	0.001	0.005	0.004	K26
K1	110.681	104.407	0.072	119.413	113.739	0.072	0.002	0.001	0.001	K27
L4	147.778	142.125	0.072	157.109	151.434	0.072	0.010	0.004	0.004	L26
L5	188.874	179.197	0.072	194.804	189.128	0.072	0.015	0.004	0.004	L25
G6	204.478	198.104	0.072	213.611	208.136	0.072	0.004	0.001	0.001	G24
K7	256.522	250.008	0.072	265.853	260.178	0.072	0.013	0.010	0.010	K22
V6	268.044	261.869	0.072	278.878	273.303	0.072	0.013	0.014	0.014	V22
V9	323.227	317.551	0.072	333.505	328.083	0.072	0.006	0.001	0.001	V21
I20	380.822	375.289	0.072	391.251	384.876	0.072	0.004	0.001	0.001	I20
A11	384.601	378.625	0.072	393.913	388.257	0.072	0.006	0.001	0.001	A19
Q13	427.208	421.611	0.072	436.818	430.984	0.072	0.010	0.001	0.001	Q10
G13	446.204	440.611	0.072	455.626	449.900	0.072	0.010	0.001	0.001	G17
G14	460.208	454.625	0.072	474.633	468.957	0.072	0.010	0.001	0.001	G16
V15	498.214	492.600	0.072	507.850	501.882	0.072	0.010	0.001	0.001	V19
L16	536.019	530.383	0.072	545.350	539.675	0.072	0.010	0.001	0.001	L14
P17	566.870	561.094	0.072	577.701	572.026	0.072	0.010	0.001	0.001	P13
N18	606.184	600.708	0.072	613.719	607.940	0.072	0.010	0.001	0.001	N12
T19	644.878	638.463	0.072	653.418	647.718	0.072	0.010	0.001	0.001	T11
Q20	686.705	681.189	0.072	695.490	689.421	0.072	0.010	0.001	0.001	Q10
A21	712.848	707.100	0.072	724.440	718.300	0.072	0.010	0.001	0.001	A19
V22	742.807	737.480	0.072	752.700	747.124	0.072	0.010	0.001	0.001	V19
L23	781.161	775.480	0.072	790.961	784.817	0.072	0.010	0.001	0.001	L17
L24	818.856	813.189	0.072	829.189	822.812	0.072	0.010	0.001	0.001	L16
P25	851.207	845.511	0.072	860.539	854.863	0.072	0.010	0.001	0.001	P15
K26	893.806	888.161	0.072	905.490	899.814	0.072	0.010	0.001	0.001	K14
K27	936.054	930.500	0.072	945.915	940.260	0.072	0.010	0.001	0.001	K13
L28	979.280	974.611	0.072	989.813	984.164	0.072	0.010	0.001	0.001	L12
E29	1013.550	1007.822	0.072	1027.832	1022.056	0.072	0.010	0.001	0.001	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=48.20
- ▶ F113278.dat
- ▶ query=q62526.p1
- ▶ precursor=617.580570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a.0	b	b*	b.0	y	y*	y.0	AA
L1	22.200	0.755	0.755	40.230	0.755	0.755	771.720	767.472	767.250	L20
N2	50.790	46.534	0.755	57.790	55.532	0.755	743.457	739.201	738.975	N28
K3	28.844	78.551	0.755	89.813	88.505	0.755	712.057	710.000	710.414	K27
L4	111.085	109.038	0.755	118.080	115.827	0.755	682.923	678.956	679.430	L26
L5	118.356	116.999	0.755	146.356	142.098	0.755	654.652	650.995	650.148	L25
G6	153.611	149.355	0.755	160.610	156.354	0.755	658.391	652.124	651.978	G24
T7	162.843	158.586	0.755	189.842	185.585	0.755	612.120	607.864	607.423	T23
V8	217.410	213.153	0.755	226.409	222.152	0.755	573.069	568.812	568.506	V22
T9	224.672	220.415	0.755	249.671	245.414	0.755	548.158	544.070	543.824	T21
D10	270.943	266.686	0.755	277.942	273.685	0.755	523.165	518.808	518.502	D20
A11	286.702	282.445	0.755	295.701	291.444	0.755	484.758	480.501	480.255	A19
Q12	326.431	318.896	0.755	337.430	329.895	0.755	477.035	472.778	472.532	Q18
G13	334.922	330.716	0.755	341.911	337.714	0.755	445.020	440.763	440.517	G17
G14	349.239	344.971	0.755	356.230	351.970	0.755	431.724	426.508	426.262	G16
V15	373.995	369.738	0.755	380.994	376.737	0.755	415.500	411.253	411.007	V15
L16	402.266	398.009	0.755	409.265	405.008	0.755	393.747	389.490	389.244	L14
P17	426.520	422.272	0.755	433.520	429.271	0.755	393.411	389.215	388.968	P13
N18	435.040	430.783	0.755	462.039	457.782	0.755	339.208	334.951	334.705	N12
D19	448.111	470.054	470.808	451.110	446.053	0.755	310.667	306.444	306.195	D11
Q20	458.308	453.809	0.755	522.324	518.869	0.755	319.411	315.444	315.197	Q15
A21	55.83085	508.028	508.582	540.083	535.827	0.755	290.413	286.155	286.009	A16
V22	657.852	653.305	0.755	664.851	660.304	0.755	232.057	227.800	227.554	V16
L23	658.123	653.566	0.755	593.122	588.565	0.755	207.885	203.627	203.383	L17
L24	664.384	659.827	0.755	671.383	666.826	0.755	178.619	174.361	174.117	L18
L25	668.957	664.400	0.755	675.956	671.399	0.755	151.343	147.085	146.841	P19
K26	670.681	666.424	0.755	677.679	673.421	0.755	127.000	122.823	122.577	K18
K27	702.704	698.446	0.755	709.703	705.444	0.755	85.056	80.800	80.554	K16
L28	722.876	718.618	0.755	734.875	730.617	0.755	78.788	74.531	74.285	L19
E29	760.597	755.970	0.755	767.220	762.960	0.755	72.771	68.515	68.268	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=88.10
- ▶ F113278.dat
- ▶ query=q62527_p1
- ▶ precursor=1028.629500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	r	y*	y,Δ	AA	
L13	881.000	0.000	88.000	114.000	0.000	0.000	2081.000	0.000	0.000	L129	
N12	881.111	1.111	7.000	108.750	111.750	0.000	2079.889	2811.750	2822.750	N104	
K13	530.250	351.250	0.000	500.250	350.000	0.000	2076.100	2078.250	2088.750	K129	
L14	641.101	424.202	0.000	469.212	462.201	0.000	2120.471	2113.041	2118.000	L128	
L15	654.452	581.303	0.000	562.309	560.111	0.000	2073.500	2068.500	2069.511	L120	
G16	611.414	356.207	0.000	530.419	362.202	0.000	2050.000	2049.414	2049.414	G104	
K17	307.619	193.134	0.000	795.545	178.133	0.000	3440.460	2420.904	2427.410	K123	
V18	866.619	640.592	0.000	694.633	677.587	0.000	2260.304	2272.592	2271.541	V122	
T19	807.619	601.642	949.000	755.663	678.616	0.000	307.000	412.200	412.200	T121	
E10	1000.110	1063.724	1064.740	1108.745	1061.719	1060.735	2088.200	3074.311	3071.767	E100	
A11	1151.250	1124.750	2133.777	1170.782	1162.750	1161.772	1890.154	1890.129	1890.143	A109	
G12	1170.400	1021.400	128.400	1207.841	1200.416	1200.400	1920.111	1890.000	1890.000	G103	
G13	1336.100	1310.604	1110.000	1364.862	1347.836	1346.830	1777.050	1760.000	1760.048	G127	
G14	1359.000	1340.000	1349.000	1421.004	1404.000	1403.001	1740.000	1740.000	1740.000	G126	
V15	1400.000	1424.910	1447.840	1570.852	1561.840	1560.842	1860.000	1840.000	1840.000	V100	
L106	2000.100	1700.100	1549.000	1834.036	1817.010	1816.000	1463.047	1440.000	1440.040	L104	
P117	1933.500	1860.000	1888.000	1888.000	1711.000	1714.000	1711.000	1450.863	1433.836	1432.862	P115
N108	1810.000	1680.000	1690.000	1690.000	1690.000	1690.000	1305.810	1330.000	1330.000	N102	
E109	1500.200	1463.211	1442.211	1466.210	1441.200	1440.200	1440.200	1422.741	1221.797	E111	
G120	1000.000	2041.200	2040.000	2000.210	2000.200	2000.200	2000.200	1109.000	1108.672	G118	
A121	1000.000	2000.200	1919.200	1919.200	1919.200	1919.200	1000.000	1000.000	1000.000	A119	
V122	2226.300	2221.310	2220.310	2250.300	2236.314	2236.310	827.587	810.501	800.577	V118	
L123	1011.400	1021.400	1020.400	1000.404	1012.410	1011.400	820.510	810.400	810.400	L117	
L124	1024.410	1017.410	1020.410	1000.408	1012.414	1011.410	711.430	690.400	687.424	L116	
P126	2001.000	1544.500	1553.500	1550.000	1550.510	1550.510	602.351	580.200	584.500	P120	
K129	1011.000	1002.000	1001.000	1001.000	1001.000	1001.000	500.790	490.271	487.267	K114	
K127	1007.200	1000.210	1000.000	1000.701	1000.610	1001.110	377.203	360.171	357.163	K113	
L128	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	L119	
E120	1007.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	E111	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=88.10
- ▶ F113278.dat
- ▶ query=q62527_p1
- ▶ precursor=1028.629500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a ^b	a,β	b	b ^a	b,β	y	y ^a	a,β	AA
L1	43.592	0.500	0.500	37.540	0.504	0.504	1042.490	1531.830	1533.444	L29
K1	100.074	0.500	0.500	144.574	0.500	0.504	4039.300	1477.200	1478.000	K30
K1	184.924	0.500	0.504	178.016	0.500	0.504	1438.000	1430.372	1431.000	K22
L14	241.188	0.500	0.500	236.100	2.000	0.504	1304.210	1300.300	1300.810	L26
L15	227.000	0.500	0.504	240.100	2.000	0.504	1308.240	1298.700	1299.210	L25
G1	300.210	0.500	0.504	370.210	0.500	0.500	1251.755	1243.241	1243.749	G24
K1	384.270	0.500	0.500	368.276	0.500	0.504	1071.004	1016.174	1016.678	K23
V1	433.013	0.500	0.504	447.010	0.500	0.504	1145.101	1130.460	1130.970	V22
L18	460.710	0.500	0.504	460.710	0.500	0.504	800.700	800.700	800.700	L21
L10	540.870	0.500	0.500	534.870	0.500	0.504	645.071	645.071	645.071	L24
A11	576.507	0.500	0.500	580.500	0.500	0.500	808.581	800.047	809.575	A16
G13	586.877	0.500	0.504	654.425	645.911	0.500	0.500	851.082	844.101	G18
G13	668.877	668.424	0.500	682.935	674.422	673.930	809.035	0.500	0.500	G17
G14	697.448	0.500	0.500	692.441	711.446	702.932	702.440	805.522	852.000	G16
V15	746.302	738.460	0.500	760.300	752.407	751.374	0.500	0.500	0.500	V10
L16	795.911	0.500	0.500	817.522	809.009	808.517	782.477	0.500	0.500	L14
L17	852.051	0.500	0.500	843.000	823.073	814.558	807.043	775.935	717.422	L13
L18	899.072	0.500	0.500	890.000	923.070	914.556	914.064	0.500	0.500	L12
L16	900.514	0.500	0.500	890.000	908.612	0.500	0.500	0.500	611.874	L11
G20	944	0.500	0.500	930.000	0.500	0.500	101.000	101.000	101.000	G19
K21	1065.162	0.500	0.500	1070.160	1070.160	1070.160	0.500	0.500	0.500	K6
V22	1114.696	1108.183	0.500	1120.694	1120.180	1119.688	0.500	0.500	455.784	V8
L23	1171.238	1162.229	0.500	1185.236	1176.222	1176.230	0.500	0.500	0.500	L17
L14	1227.000	1218.267	0.500	1241.770	1232.760	1232.773	0.500	0.500	0.500	L10
P26	1276.300	0.500	0.500	1266.300	0.500	0.500	126.000	126.000	126.000	P25
K26	1461.074	0.500	0.500	1456.074	0.500	0.500	151.000	151.000	151.000	K14
K27	1504.402	0.500	0.500	1418.399	0.500	0.500	139.100	139.100	139.100	K13
L26	1504.700	0.500	0.500	1424.692	0.500	0.500	139.000	139.000	139.000	L15
E20	1510.447	0.500	0.500	1510.447	0.500	0.500	0.500	0.500	0.500	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.56
- ▶ F113278.dat
- ▶ query=q62528.p1
- ▶ precursor=1028.629500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	131.118	2083.892	3067.873	0.000	3066.865	L 29
N 2	245.161	2970.808	2954.769	2955.797	2953.781	N 28
K 3	373.256	2856.765	2840.746	2841.754	2839.738	K 27
L 4	486.340	2738.670	2722.651	2713.659	2711.643	L 26
L 5	599.424	2615.586	2599.567	2600.575	2598.559	L 25
G 6	656.445	2502.502	2486.483	2487.491	2485.475	G 24
K 7	812.572	2445.468	2429.452	2430.469	2428.454	K 23
V 8	911.640	2329.354	2273.335	2274.343	2272.327	V 22
T 9	1012.688	2190.288	2174.267	2175.275	2173.259	T 21
I 10	1125.772	2089.230	2073.219	2074.227	2072.211	I 20
A 11	1196.809	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.887	1925.111	1889.098	1890.106	1888.090	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.910	1720.037	1704.018	1705.026	1703.010	G 16
V 15	1537.979	1663.015	1646.997	1648.004	1646.989	V 15
L 16	1651.063	1563.947	1547.928	1548.936	1546.920	L 14
P 17	1748.116	1450.863	1434.844	1435.852	1433.836	P 13
TW 18	1862.159	1353.810	1337.792	1338.799	1336.783	TW 12
I 19	1975.243	1239.767	1223.748	1224.756	1222.741	I 11
Q 20	2103.301	1120.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.338	998.624	982.606	983.614	981.598	A 9
V 22	2273.407	827.587	811.569	812.576	810.561	V 8
L 23	2386.491	628.519	812.500	813.508	811.492	L 7
L 24	2489.576	435.435	699.416	700.424	698.408	L 6
L 25	2598.638	602.351	603.352	607.340	605.324	L 5
K 26	2724.723	505.298	499.279	499.287	488.273	K 4
K 27	2852.818	377.203	361.184	362.192	360.177	K 3
T 28	2953.865	249.108	233.089	234.097	232.082	T 2
E 29	3082.958	148.060	132.042	133.050	131.034	E 1

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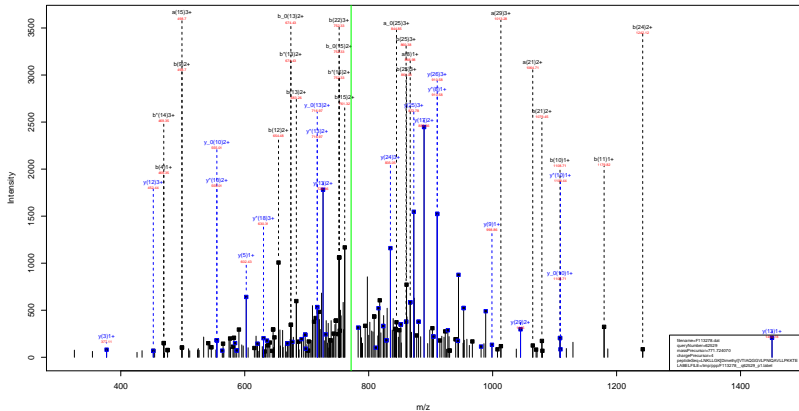
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=37.56
- ▶ F113278.dat
- ▶ query=q62528.p1
- ▶ precursor=1028.629500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	356.759	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.849	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	608.608	988.581	980.571	981.075	980.067	A119
G12	662.937	933.065	925.055	925.559	924.551	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
F17	874.581	728.935	720.925	721.429	720.421	F113
N18	931.583	677.405	669.395	669.901	668.893	N112
I19	988.125	620.867	612.857	613.361	612.353	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A11	1087.673	499.816	491.807	492.311	491.303	A10
V12	1137.207	484.297	476.288	476.792	475.784	V10
L13	1193.749	414.763	406.754	407.258	406.250	L11
L14	1250.291	358.221	350.212	350.716	349.708	L10
P15	1298.817	301.679	293.670	294.174	293.166	P10
K16	1362.865	253.153	245.143	245.647	244.639	K14
K17	1426.912	189.105	181.096	181.600	180.592	K13
T18	1477.436	125.058	117.048	117.552	116.544	T12
E19	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.66
- ▶ F113278.dat
- ▶ query=q62529_p1
- ▶ precursor=771.724070
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a-2	b	b ⁺	b-2	y	y ⁺	y-2	AA
L1	88.098	0.000	0.000	114.091	0.000	0.000	1081.292	1094.889	1095.881	L129
K1	100.160	101.161	0.000	108.134	111.135	0.000	1019.026	1025.181	1029.767	K130
R1	108.234	111.235	0.000	109.249	119.250	0.000	1088.761	1091.738	1098.794	K127
L14	141.118	142.119	0.000	469.313	452.287	0.000	1728.071	1711.043	1728.019	L126
L15	154.042	157.043	0.000	582.397	565.371	0.000	1811.088	1798.109	1819.119	L125
G16	181.424	184.425	0.000	182.413	192.414	0.000	1752.523	1749.475	1744.461	G124
K17	187.070	750.524	0.000	179.543	177.519	0.000	1448.488	1423.454	1427.470	K123
V18	566.819	848.592	0.000	189.813	177.587	0.000	2088.186	2072.201	2074.543	V122
L19	567.806	568.807	880.836	195.811	192.810	917.821	2130.251	2117.251	2124.215	L121
L10	1088.750	1081.751	1082.749	1108.745	1081.719	1086.718	1088.718	1087.211	1077.217	L120
A11	1151.737	1154.738	1152.777	1178.782	1162.756	1161.752	1410.154	1404.127	1408.141	A116
G12	1214.694	1217.695	1216.694	1219.744	1200.718	1208.692	1480.111	1483.066	1487.108	G118
G13	1336.667	1339.668	1338.667	1344.662	1347.656	1346.652	1777.048	1769.033	1769.048	G117
G14	1381.689	1376.682	1379.676	1421.684	1404.657	1403.653	1720.037	1703.010	1702.026	G116
V15	1460.669	1456.662	1454.644	1458.659	1451.653	1450.649	1608.038	1544.968	1543.959	V115
L16	1506.041	1509.042	1508.041	1514.036	1517.030	1516.026	1503.041	1548.936	1545.938	L114
L17	1703.004	1706.005	1705.004	1711.000	1714.000	1713.000	1450.863	1431.826	1432.812	L113
N18	1811.110	1810.111	1788.211	1849.110	1838.111	1827.111	1881.111	1838.111	1839.111	N112
L106	1830.223	1833.224	1832.223	1839.225	1841.226	1840.225	1229.216	1222.741	1221.767	L111
Q120	1838.282	1841.283	1840.282	1849.273	1848.284	1848.284	1138.824	1149.656	1148.672	Q119
A111	1839.287	1832.280	1841.288	1837.281	1842.280	1841.280	908.526	181.506	186.514	A110
V121	2048.188	2041.189	2039.874	2050.187	2049.188	2048.188	927.537	910.561	908.537	V118
L121	2041.488	2044.489	2043.488	2049.484	2047.483	2046.483	878.519	811.492	810.508	L117
L124	2044.533	2047.534	2046.533	2049.540	2048.539	2048.539	715.435	698.468	697.434	L115
P125	2041.606	2044.607	2043.606	2049.604	2047.603	2046.603	650.329	488.271	487.281	P114
K126	2078.701	2081.702	2080.701	2087.696	2086.697	2086.697	505.254	488.271	487.281	K110
K127	2077.746	2080.747	2079.746	2085.741	2084.742	2083.742	377.265	365.177	364.181	K111
L126	2088.844	2091.845	2090.844	2095.839	2094.840	2093.840	148.043	148.043	148.043	L112
E128	2071.838	2074.839	2073.838	2078.831	2077.832	2076.832	148.043	148.043	148.043	E111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=39.66
- ▶ F113278.dat
- ▶ query=q62529_p1
- ▶ precursor=771.724070
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a+2	b	b ⁺	b+2	y	y ⁺	y+2	AA
L1	48.002	0.504	0.504	57.540	0.504	0.504	1542.400	1553.930	1553.444	L29
R1	108.979	0.500	0.500	114.977	0.500	0.500	1491.933	1497.936	1496.950	R20
R1	104.021	1.000	1.000	178.010	1.100	0.504	1428.000	1420.371	1410.081	K227
L14	221.163	0.120	0.500	229.160	0.200	0.504	1304.830	1306.320	1305.833	L26
L15	227.160	0.000	0.500	289.160	0.000	0.500	1300.000	1299.700	1299.700	L25
G1	300.200	0.000	0.500	309.203	0.110	0.504	1281.350	1283.241	1282.740	G24
R17	304.210	0.000	0.500	309.210	0.000	0.504	1281.244	1284.734	1284.239	R23
V1	423.114	0.000	0.500	427.110	0.000	0.504	1152.127	1154.600	1154.100	V22
V19	504.137	475.823	475.331	498.334	7.000	0.201	800.220	1005.000	1007.215	V21
I10	540.879	0.000	0.000	554.876	546.363	545.871	1045.173	1108.618	1108.117	I21
A11	576.397	0.000	0.000	590.395	0.000	0.000	581.390	688.581	0.000	A16
G12	640.937	631.913	0.000	654.930	645.911	645.419	651.905	844.549	844.057	G10
G13	648.937	0.000	0.000	662.935	674.422	673.930	688.035	880.519	880.027	G17
G14	687.448	0.000	0.000	711.444	702.932	702.440	866.522	852.009	851.517	G16
V13	746.982	738.469	737.977	766.980	772.467	771.974	0.000	821.490	821.006	V15
L10	803.524	0.000	0.000	794.519	817.522	809.509	808.517	782.477	775.004	L14
P12	852.061	843.537	843.045	0.000	0.000	0.000	817.043	745.935	747.422	P13
T14	887.074	0.000	0.000	823.070	814.556	0.000	0.000	877.459	848.966	T12
T16	905.014	0.000	0.000	909.010	894.008	894.008	910.000	826.387	811.876	T11
G19	922.048	1.000	1.000	930.046	930.046	930.046	934.038	563.816	555.312	G18
A11	1065.162	1.000	1.000	1076.160	1.000	1.000	1076.154	994.018	994.018	A10
V12	1114.110	1.100	1.100	1125.108	1125.108	1125.108	1129.100	954.207	954.207	V18
L12	1171.708	1.000	1.000	1182.706	1182.706	1182.706	1186.700	414.100	408.250	L17
L14	1227.700	1.000	1.000	1241.778	1231.765	1231.765	1235.760	384.211	380.100	L16
P15	1276.800	0.000	0.000	1286.796	1286.796	1286.796	1290.790	301.810	295.100	P16
R19	1340.904	1.100	1.100	1351.902	1351.902	1351.902	1355.900	253.110	244.610	R10
K12	1404.802	1.000	1.000	1419.800	1419.800	1419.800	1423.800	180.500	180.100	K15
L16	1404.800	1.000	1.000	1419.800	1419.800	1419.800	1423.800	180.500	180.100	L18
E10	1519.447	1.000	1.000	1533.443	1533.444	1533.444	1537.440	74.514	0.500	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=39.66
- ▶ F113278.dat
- ▶ query=q62529.p1
- ▶ precursor=771.724070
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a ²⁺	b	b ⁺	b ²⁺	y	y ⁺	y ²⁺	AA
L1	26.292	0.072	0.072	36.702	0.072	0.072	30.028	10.022	10.022	L106
R12	47.382	0.176	0.072	73.712	73.942	0.072	90.912	90.202	94.932	R127
R13	110.062	104.402	0.072	110.412	113.732	0.072	952.926	947.202	946.922	R127
L14	147.778	142.102	0.072	137.102	131.434	0.072	910.328	904.552	904.222	L126
L15	185.492	179.762	0.072	180.902	174.738	0.072	875.532	866.532	866.532	L126
G16	204.672	198.884	0.072	213.812	206.132	0.072	834.839	826.102	828.836	G124
R17	216.522	210.846	0.072	208.852	202.172	0.072	815.832	810.126	809.712	R125
V18	238.844	233.088	0.072	228.832	222.202	0.072	787	782.144	781.708	V122
V19	257.562	251.762	0.072	247.222	240.582	0.072	730.747	725.092	724.762	V121
H19	269.822	264.046	0.072	254.732	248.072	0.072	697.064	691.406	691.002	H120
A111	284.062	278.282	0.072	267.502	260.822	0.072	669	664.114	663.746	A110
Q123	327.082	321.314	0.072	316.942	310.262	0.072	636.718	631.035	630.672	Q123
G113	346.282	340.514	0.072	335.432	328.752	0.072	609	587.340	587.022	G117
G114	360.324	354.552	0.072	349.832	343.152	0.072	582	577.362	576.914	G116
L121	406.324	400.552	0.072	387.852	381.172	0.072	335.618	330.938	330.582	L121
L116	438.542	432.772	0.072	426.262	419.582	0.072	306	301.912	301.562	L114
P117	456.812	451.042	0.072	445.252	438.572	0.072	277	272.582	272.232	P113
R118	469.842	464.072	0.072	454.242	447.562	0.072	248	243.572	243.222	R114
H118	644.075	638.302	638.075	615.718	617.735	609.712	451.942	446.262	445.932	H114
L118	646.765	641.002	635.232	615.912	617.929	609.712	417	412.872	412.522	L114
Q120	660.765	655.002	650.232	636.962	638.972	630.942	378	373.812	373.462	Q119
A121	710.444	704.672	704.444	716.775	714.100	713.772	333	328.702	327.542	A120
V122	743.467	737.702	737.467	752.798	749.123	746.745	289	284.652	284.302	V120
L124	781.942	776.182	775.942	788.788	785.113	784.782	235	230.692	230.342	L122
L124	818.056	812.292	812.056	828.188	824.513	824.182	206	201.472	201.122	L120
P121	837.202	831.442	845.243	866.539	862.864	862.532	161	156.782	156.432	P119
R126	893.502	887.742	887.502	903.237	899.562	899.232	139	134.222	133.872	R124
R127	918.064	930.928	930.600	946.132	941.260	939.932	108	103.712	103.362	R124
L126	975.202	969.442	969.202	984.232	979.362	979.032	83	78.762	77.704	L122
R124	1011.300	1007.625	1007.300	1020.625	1015.750	1015.425	50	45.812	44.922	R120

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.41
- ▶ F113278.dat
- ▶ query=q62530.p1
- ▶ precursor=771.724070
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3081.892	3067.873	0.000	3066.895	L 29
N 2	345.161	2970.808	2954.789	2955.797	2951.781	N 28
K 3	373.256	2856.765	2840.746	2841.754	2839.738	K 27
L 4	486.340	2728.670	2712.651	2713.659	2711.643	L 26
L 5	599.424	2615.585	2599.567	2600.575	2598.560	L 25
Q 6	656.445	2502.502	2486.483	2487.491	2485.475	Q 24
K 7	812.572	2345.480	2429.462	2430.469	2428.454	K 23
V 8	911.640	2288.554	2273.535	2274.543	2272.527	V 22
T 9	1012.688	2190.586	2174.567	2175.575	2173.559	T 21
I 10	1125.772	2089.238	2073.219	2074.227	2072.211	I 20
A 11	1196.859	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.887	1905.111	1889.092	1890.100	1888.084	Q 18
Q 13	1381.889	1777.055	1761.036	1762.044	1760.032	Q 17
G 14	1438.910	1720.037	1704.018	1705.026	1703.010	G 16
V 15	1537.879	1663.015	1646.997	1648.004	1645.989	V 15
L 16	1651.063	1563.947	1547.928	1548.936	1546.920	L 14
P 17	1748.116	1450.893	1434.874	1435.882	1433.866	P 13
TW 18	1892.159	1383.810	1337.791	1338.799	1336.783	TW 12
I 19	1975.243	1236.767	1223.748	1224.756	1222.741	I 11
Q 20	2103.301	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.336	996.624	980.606	981.614	981.598	A 9
V 22	2273.407	927.587	911.569	912.576	910.561	V 8
L 23	2386.491	828.519	812.500	813.508	811.492	L 7
L 24	2499.575	715.435	699.416	700.424	698.408	L 6
P 25	2596.626	602.351	586.332	587.340	585.324	P 5
K 26	2724.723	505.298	489.279	490.287	488.271	K 4
K 27	2852.816	377.203	361.184	362.192	360.177	K 3
T 28	2953.895	249.108	233.089	234.097	232.082	T 2
E 29	3082.938	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

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- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1524.440	9.504	1533.930	L120
N12	123.084	1485.908	1477.898	1478.402	1477.394	N120
K13	187.132	1428.888	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.758	1251.795	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.840	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A119
Q12	662.937	933.066	925.053	925.557	924.549	Q118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	820.035	782.477	774.468	774.972	773.964	L114
F17	874.561	728.935	721.928	722.432	721.424	F113
N18	931.583	677.400	669.390	669.893	668.885	N112
I19	988.125	620.867	612.858	613.362	612.354	I111
Q20	1052.154	563.845	555.836	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.311	491.303	A10
V22	1127.207	484.297	476.288	476.792	475.784	V10
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P15
K26	1362.865	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

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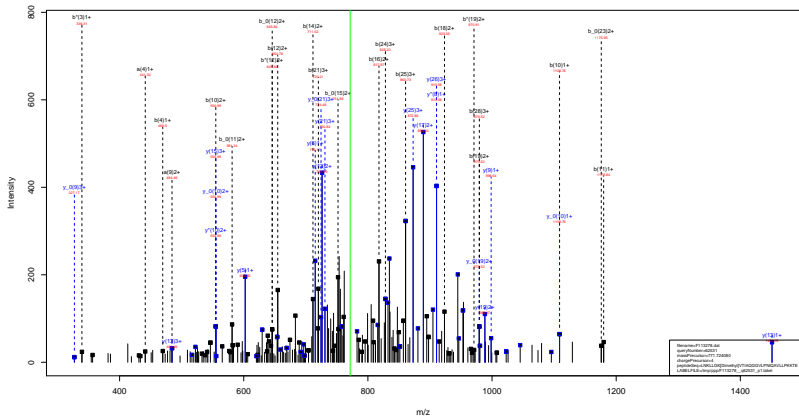
LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
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- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.660	L29
N2	82.302	090.941	985.601	955.937	985.265	N28
K3	125.090	952.329	947.587	947.923	947.251	K27
L4	162.785	910.228	904.869	905.225	904.551	L26
L5	200.479	872.531	867.194	867.530	866.858	L25
G6	239.487	834.839	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	783.790	778.450	778.786	778.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	389.608	699.389	654.050	654.386	653.714	A19
Q12	442.294	636.710	630.371	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.863	479.209	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.455	196.116	196.452	195.780	T5
K26	908.912	169.100	163.760	164.101	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

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LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=31.92
- ▶ F113278.dat
- ▶ query=q62531_p1
- ▶ precursor=771.724080
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
L1	380.080	0.000	0.000	114.061	0.000	0.000	368.019	0.000	0.000	L20	
R1	392.100	183.111	0.000	208.144	0.000	0.000	462.003	0.000	0.000	R20	
R2	438.254	331.265	0.000	356.329	338.203	0.000	388.765	2639.738	2638.784	R21	
L4	441.318	437.292	0.000	469.313	452.277	0.000	2726.870	2711.043	2710.039	L26	
L5	454.338	537.316	0.000	567.307	565.311	0.000	2635.920	2628.928	2629.919	L28	
G1	511.424	584.414	0.000	587.411	622.392	0.000	2522.928	2488.875	2484.861	G24	
R7	587.500	580.538	0.000	795.545	778.519	0.000	2448.480	2428.454	2427.410	R23	
V1	689.614	682.642	0.000	894.613	877.587	0.000	2240.260	2227.241	2226.248	V22	
L9	917.646	849.592	949.000	908.584	878.530	977.000	2130.250	2117.251	2117.251	L22	
I10	989.768	983.746	1084.746	1108.745	1081.719	1080.719	2088.210	2074.211	2074.211	I21	
A11	1051.100	1124.762	1133.777	1179.762	1160.756	1161.772	1836.154	1999.127	1998.143	A16	
G12	1179.806	1200.830	1264.830	1264.834	1266.834	1268.832	1820.141	1888.066	1887.076	G18	
G13	1339.900	1330.844	1319.851	1364.844	1367.858	1366.856	1777.025	1760.022	1761.048	G17	
G14	1393.000	1398.002	1379.000	1421.004	1404.007	1403.011	1720.020	1703.010	1702.026	G16	
V15	1483.000	1470.001	1474.001	1520.002	1503.005	1502.001	1681.001	1648.000	1649.000	V13	
L16	1506.041	1500.033	1508.033	1534.030	1537.033	1536.030	1583.041	1548.020	1545.030	L14	
P17	1613.024	1588.000	1608.000	1638.004	1613.003	1614.003	1433.010	1450.863	1433.010	1432.002	P13
R18	1617.137	1601.130	1609.122	1640.132	1624.128	1623.124	1563.810	1530.783	1529.789	R12	
I19	1739.012	1733.020	1742.011	1790.025	1781.000	1780.000	1428.791	1422.743	1421.737	I11	
Q20	2058.000	2041.231	2040.200	2088.215	2086.248	2088.204	1128.000	1109.000	1108.072	Q19	
A21	2139.117	2132.200	2111.300	2157.312	2140.205	2140.301	998.624	981.500	980.614	A19	
V22	2208.000	2213.000	2204.000	2226.000	2228.004	2228.000	988.000	910.561	908.879	V18	
L23	2441.200	2434.441	2434.400	2489.404	2487.400	2487.404	828.519	811.500	810.500	L17	
L24	2654.000	2647.820	2636.540	2682.540	2685.540	2684.531	715.835	708.400	697.424	L19	
P25	2813.000	2824.000	2833.000	2879.000	2878.000	2878.000	682.000	688.200	687.200	P19	
R26	2876.101	2882.010	2881.000	2937.000	2936.010	2936.010	688.010	688.200	687.200	R24	
R27	2877.000	2780.000	2780.000	2838.000	2837.000	2837.000	377.000	360.177	359.183	R25	
L28	2899.000	2883.000	2883.000	2938.000	2937.000	2937.000	368.000	368.000	367.000	L24	
L29	3117.000	3030.000	3030.000	3080.001	3078.001	3078.001	140.000	140.000	139.000	L21	

sp | Q6GSS7 | H2A2A_MOUSE

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AA	a	a*	a±0	b	b*	b±0	y	y*	y±0	AA										
L1	41	552	0.504	0.504	0.504	0.504	1043.420	1043.420	1043.444	L106										
R1	100	913	0.504	1.14	0.504	0.504	1493.903	1493.903	1493.928	R120										
R1	184	832	1.06	1.08	0.504	1.16	1638.889	1426.373	1416.061	R122										
L1	221	583	0.504	2.35	1.040	2.06	1364.833	1356.325	1356.333	L126										
L1	277	720	0.504	3.00	1.020	3.03	1308.359	1299.780	1299.780	L128										
Q1	306	528	2.07	1.00	0.504	1.00	1251.750	1243.242	1242.740	Q124										
R1	371	700	0.504	3.08	2.00	3.00	1221.241	1214.733	1214.730	R125										
V1	433	813	0.504	3.00	1.040	3.00	1148.111	1138.603	1138.610	V129										
L1	484	337	0.504	4.75	2.00	4.00	1093.646	1087.138	1087.143	L131										
I10	540	879	512	366	518	871	504	876	546	363	545	871	1045	123	1036	928	1036	111	I133	
A11	576	397	2.07	2.00	3.00	3.00	981	390	581	882	581	390	980	882	980	882	979	575	A135	
Q13	640	927	833	833	833	833	833	833	833	833	833	833	833	833	833	833	833	833	833	Q139
Q13	668	937	803	833	803	833	803	935	803	833	803	935	803	833	803	935	803	833	Q137	
Q14	697	448	688	935	698	447	711	446	711	446	711	446	711	446	711	446	711	446	Q136	
V13	749	803	1.06	1.00	1.00	1.00	1161	800	732	487	731	814	832	811	775	804	773	472	V135	
L10	803	524	1.06	1.00	1.00	1.00	817	522	809	109	800	517	782	477	775	504	773	472	L134	
F137	812	611	0.83	1.00	843	845	800	600	857	535	857	603	725	935	717	622	716	613	F133	
R10	880	720	0.83	1.00	823	810	824	556	824	556	824	556	668	895	688	403	612	811	R131	
L10	965	614	1.06	1.00	1.00	1.00	979	612	971	106	970	606	620	387	611	611	611	611	L132	
Q20	1020	844	1.06	1.00	1.00	1.00	1043	844	1036	138	1034	834	555	332	554	840	510	Q130		
A21	1091	582	1.06	1.00	1.00	1.00	1070	582	1070	582	1070	582	490	811	490	811	490	811	A130	
V15	1114	806	1.06	1.00	1.00	1.00	1100	806	1100	806	1100	806	490	811	490	811	490	811	V130	
L20	1111	538	1.06	1.00	1.00	1.00	1100	538	1100	538	1100	538	490	811	490	811	490	811	L130	
L1	1227	100	1.06	1.00	1.00	1.00	1214	100	1214	100	1214	100	490	811	490	811	490	811	L129	
F13	1277	307	1.06	1.00	1.00	1.00	1264	307	1264	307	1264	307	490	811	490	811	490	811	F129	
R20	1340	354	1.06	1.00	1.00	1.00	1330	354	1330	354	1330	354	490	811	490	811	490	811	R129	
R27	1404	402	1.06	1.00	1.00	1.00	1394	402	1394	402	1394	402	490	811	490	811	490	811	R128	
L20	1434	620	1.06	1.00	1.00	1.00	1424	620	1424	620	1424	620	490	811	490	811	490	811	L128	
L24	1519	497	1.06	1.00	1.00	1.00	1504	497	1504	497	1504	497	490	811	490	811	490	811	L127	

sp | Q6GSS7 | H2A2A_MOUSE

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- ▶ query=q62531_p1
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- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a-1	b	b ⁺	b-1	y	y ⁺	y-1	AA
L1	26.320	0.672	0.672	38.767	0.672	0.672	110.819	1022.960	1022.632	L29
K1	37.903	0.708	0.708	39.729	0.704	0.704	98.924	108.999	109.019	K30
R1	130.583	304.489	0.672	139.413	133.792	0.672	952.926	947.261	946.923	K27
L4	147.778	182.207	0.672	157.107	151.434	0.672	910.228	904.553	904.722	L26
L5	160.472	178.767	0.672	169.488	168.148	0.672	872.524	869.299	869.729	L25
G1	204.476	198.834	0.672	213.811	208.130	0.672	814.819	825.163	828.835	G24
K1	254.922	250.688	0.672	263.857	260.178	0.672	815.812	819.199	820.729	K23
V1	289.944	287.819	0.672	298.858	294.347	0.672	785.114	788.114	787.788	V22
L1	313.237	317.553	317.237	322.559	326.883	325.559	730.747	729.191	724.743	L21
L10	380.832	408.208	384.918	390.291	384.918	384.209	697.084	691.469	691.081	L20
A11	394.405	378.625	385.582	393.674	388.217	387.626	658.389	652.714	653.389	A16
G23	437.408	421.413	421.293	436.614	430.943	430.424	630.125	630.026	629.701	G20
G13	446.264	440.619	440.239	453.423	448.565	448.029	593.624	593.496	593.177	G17
G14	445.303	438.626	438.268	474.833	468.957	468.626	574.917	568.342	568.014	G16
V15	488.346	482.682	482.319	500.658	493.963	493.689	555.018	549.138	548.768	V12
L16	538.518	530.543	530.012	543.399	536.879	536.347	521.987	516.312	515.984	L14
L17	566.384	562.688	562.308	577.761	572.026	571.688	484.262	474.611	474.309	L13
K18	606.384	602.707	602.329	611.049	605.117	604.784	488.289	488.089	487.789	K15
L19	644.878	638.483	638.075	651.418	647.720	647.430	413.922	405.252	407.824	L11
G20	685.203	681.689	681.284	696.998	690.421	689.983	378.222	370.279	370.279	G19
A12	707.444	704.768	704.400	713.775	708.188	707.777	333.588	327.873	327.545	A10
V21	743.467	737.919	737.451	752.769	747.123	746.795	300.881	294.192	293.884	V18
L23	811.818	818.488	818.118	790.493	784.817	784.448	278.944	271.169	270.841	L17
L24	849.288	841.188	841.188	826.188	820.512	820.184	248.150	243.474	243.146	L15
K25	851.207	845.531	845.203	863.519	857.813	857.484	203.450	192.780	192.452	K20
K26	865.959	868.229	867.919	883.211	876.211	867.561	867.213	860.214	863.426	K14
K27	930.624	936.928	930.660	945.970	940.290	939.912	126.460	120.790	120.462	K13
L26	930.908	928.819	928.819	919.618	913.942	913.614	83.909	81.814	81.909	L22
E28	1011.309	1007.825	1007.287	1027.832	1020.960	1020.638	59.625	59.971	44.951	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=78.50
- ▶ F113278.dat
- ▶ query=q62533.p1
- ▶ precursor=617.580840
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3087.873	0.000	3086.895	L[29]
N[2]	245.161	2970.838	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.795	2860.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.588	2599.567	2600.575	2598.560	L[25]
Q[6]	856.445	2502.507	2486.483	2487.491	2485.475	Q[24]
K[7]	912.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2389.354	2373.335	2374.343	2372.327	V[22]
T[9]	1012.688	2196.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1869.117	1853.098	1854.106	1852.090	Q[18]
G[13]	1381.989	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1450.863	1434.854	1435.862	1433.846	F[13]
T[18]	1862.159	1353.810	1337.791	1338.799	1336.783	T[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.439	699.416	700.424	698.409	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.290	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.968	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=78.50
- ▶ F113278.dat
- ▶ query=q62533.p1
- ▶ precursor=617.580840
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1542.450	1536.440	0.504	1533.936	L[26]
N[2]	123.084	1485.908	1477.898	1478.402	1477.304	N[28]
K[3]	187.132	1426.886	1420.877	1421.381	1420.373	K[27]
L[4]	243.674	1364.839	1356.820	1357.333	1356.325	L[26]
L[5]	300.216	1308.297	1300.287	1300.791	1299.783	L[25]
G[6]	359.276	1251.758	1243.749	1244.253	1243.245	G[24]
K[7]	406.789	1223.244	1215.235	1215.738	1214.731	K[23]
V[8]	456.324	1148.181	1137.171	1137.675	1136.667	V[22]
T[9]	506.848	1095.646	1087.637	1088.141	1087.133	T[21]
T[10]	563.390	1045.123	1037.113	1037.617	1036.609	T[20]
A[11]	620.869	988.581	980.571	981.075	980.067	A[19]
Q[12]	662.537	933.066	925.057	925.561	924.553	Q[18]
G[13]	691.448	889.033	881.023	881.527	880.519	G[17]
G[14]	719.959	860.522	852.513	853.017	852.009	G[16]
V[15]	769.493	832.011	824.002	824.506	823.498	V[15]
L[16]	828.035	782.477	774.468	774.972	773.964	L[14]
T[17]	874.561	725.935	717.926	718.430	717.422	T[13]
N[18]	933.583	677.409	669.399	669.903	668.895	N[12]
I[19]	988.125	626.387	612.378	612.882	611.874	I[11]
Q[20]	1052.154	563.845	555.836	556.340	555.332	Q[10]
A[21]	1087.673	499.816	491.807	492.310	491.302	A[9]
V[22]	1137.207	464.297	456.288	456.792	455.784	V[8]
L[23]	1193.749	414.783	406.754	407.258	406.250	L[17]
L[24]	1250.291	358.221	350.211	350.715	349.707	L[6]
P[25]	1298.817	301.679	293.670	294.174	293.166	P[5]
K[26]	1362.865	251.153	245.143	245.647	244.639	K[4]
K[27]	1426.912	189.105	181.096	181.600	180.592	K[3]
T[28]	1477.436	125.058	117.049	117.552	116.544	T[2]
E[29]	1541.958	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=78.50
- ▶ F113278.dat
- ▶ query=q62533.p1
- ▶ precursor=617.580840
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.035	1021.295	0.672	1022.960	L29
N2	82.302	995.943	985.601	985.937	985.265	N28
K3	125.090	952.926	947.587	947.923	947.251	K27
L4	163.785	910.228	904.889	905.225	904.563	L26
L5	200.479	872.533	867.194	867.530	866.858	L25
G6	219.487	834.838	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
Y9	338.234	730.767	725.427	725.763	725.091	Y21
V10	375.929	697.084	691.745	692.081	691.409	V20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	636.710	630.371	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.343	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.292	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
T19	659.086	413.927	408.588	408.924	408.252	T11
Q20	701.772	376.231	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P5
K26	908.912	169.104	163.765	164.101	163.429	K4
K27	951.611	126.806	121.466	121.802	120.790	K3
L28	985.293	83.709	78.369	78.704	78.032	L2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=78.50
- ▶ F113278.dat
- ▶ query=q62533.p1
- ▶ precursor=617.580840
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA	
L	1	33.535	771.728	767.724	0.756	767.472	L	29
N	2	62.046	743.451	739.453	739.705	739.201	N	28
K	3	94.059	714.941	710.947	711.194	710.690	K	27
L	4	122.340	687.923	678.918	679.170	678.666	L	26
L	5	150.611	654.652	650.647	650.899	650.395	L	25
G	6	164.867	626.381	622.376	622.628	622.124	G	24
K	7	203.898	612.126	608.121	608.373	607.869	K	23
V	8	228.665	573.094	569.089	569.341	568.837	V	22
T	9	253.927	548.327	544.322	544.574	544.070	T	21
I	10	262.198	523.065	519.060	519.312	518.808	I	20
A	11	269.958	494.794	490.789	491.041	490.537	A	19
Q	12	331.972	477.035	473.030	473.282	472.778	Q	18
G	13	346.228	445.020	441.015	441.267	440.763	G	17
G	14	360.483	430.765	426.760	427.012	426.508	G	16
V	15	385.250	416.509	412.505	412.757	412.253	V	15
L	16	413.521	391.742	387.737	387.989	387.486	L	14
P	17	437.784	363.471	359.466	359.718	359.215	P	13
N	18	466.295	339.208	335.203	335.455	334.951	N	12
I	19	494.566	310.897	306.891	306.945	306.441	I	11
Q	20	525.381	282.426	278.422	278.673	278.170	Q	10
A	21	544.340	250.412	246.407	246.659	246.155	A	9
V	22	569.107	232.652	228.648	228.900	228.396	V	8
L	23	597.378	207.885	203.881	204.132	203.629	L	7
L	24	625.649	179.614	175.609	175.861	175.358	L	6
P	25	649.912	151.343	147.338	147.590	147.087	P	5
K	26	681.936	127.080	123.075	123.327	122.823	K	4
K	27	713.960	95.056	91.052	91.304	90.800	K	3
T	28	739.222	63.032	59.028	59.280	58.776	T	2
E	29	773.462	37.771	33.766	34.018	33.514	E	1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.28
- ▶ F113278.dat
- ▶ query=q62534_p1
- ▶ precursor=617.580840
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	88.008	0.000	1.000	114.091	0.000	0.000	1063.893	1069.893	1063.893	L208
K12	2003.199	1033.113	0.000	2205.134	201.108	0.000	2070.820	2065.781	2062.797	K206
K13	626.634	611.209	0.000	366.279	330.203	0.000	2666.165	2659.738	2636.754	K127
L14	641.518	624.202	0.000	468.313	452.287	0.000	2126.810	2111.643	2110.688	L206
L15	254.402	237.478	0.000	266.394	246.374	0.000	2615.260	2606.269	2599.478	L205
Q16	81.1424	784.397	0.000	808.419	822.362	0.000	2002.200	2005.475	2004.461	Q124
K17	187.550	180.524	0.000	395.545	378.519	0.000	2443.480	2426.454	2427.470	K125
V18	858.618	849.367	0.000	884.613	877.267	0.000	2389.761	2372.571	2371.563	V122
V19	167.608	160.680	0.000	965.061	958.035	0.000	3171.051	3150.205	3133.255	V121
L20	1080.970	1063.124	1.000	1082.140	1081.719	1000.000	2089.238	2072.211	2071.227	L203
A11	1151.087	1134.163	1.133	1174.362	1162.790	1.164	1172.122	1166.124	1164.127	A109
Q12	1019.696	1002.619	1.000	1030.484	1026.014	1.000	1020.440	1009.111	1008.066	Q108
Q13	1008.867	1013.004	1.000	1034.963	1047.434	1.046	1004.959	1017.026	1016.033	Q107
G14	1383.889	1376.882	1.000	1421.884	1404.887	1403.873	1123.037	1103.010	1102.002	G106
V15	1402.877	1419.818	1414.866	1320.820	1303.806	1302.849	1083.019	1043.889	1042.899	V105
L16	1306.041	1309.013	1308.011	1304.035	1301.010	1301.026	1303.947	1304.920	1304.916	L104
P17	1003.094	1008.089	1005.084	1011.089	1014.093	1013.079	1440.863	1443.876	1442.872	P103
M18	1017.437	1005.111	1000.127	1045.132	1038.105	1027.121	1383.810	1338.763	1335.799	M102
T19	1009.074	1013.065	1012.051	1009.058	1004.066	1000.065	1329.780	1322.744	1321.711	T101
Q10	2006.200	2041.203	2040.200	2009.202	2004.204	2006.204	1126.400	1109.400	1108.377	Q100
A11	1132.517	1117.268	1111.300	1137.512	1121.800	1130.300	1068.624	1051.500	1050.514	A100
V12	2241.608	2241.309	2241.810	2239.308	2236.354	2238.310	1007.800	1001.300	1000.810	V100
L21	2241.499	2234.483	2233.470	2230.464	2227.438	2231.424	828.510	811.460	810.508	L100
L24	2434.633	2437.327	2436.345	2432.348	2430.322	2434.338	715.430	698.400	697.424	L10
P125	2051.606	2054.500	2053.500	2079.601	2062.675	2061.501	682.351	365.324	364.340	P10
K126	2076.702	2067.510	2064.000	2110.606	2086.610	2088.600	500.300	488.275	487.287	K10
K127	2087.196	2080.710	2078.700	2085.703	2081.194	2081.700	371.200	360.175	359.183	K10
L29	2008.874	2001.810	2000.851	2006.839	2010.812	2010.800	248.100	0.000	231.000	L10
L20	1017.608	1003.600	1010.610	1005.601	1000.604	1007.610	148.000	0.000	130.000	L10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=45.28
- ▶ F113278.dat
- ▶ query=q62534.p1
- ▶ precursor=617.580840
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	43.552	0.564	7.501	31.549	0.504	0.504	1261.201	3333.139	3333.139	L208
N2	100.573	92.080	0.504	114.571	106.077	0.504	1485.901	2477.904	2476.902	N206
K3	184.621	156.439	0.504	178.618	170.495	0.504	1438.886	4420.371	4419.881	K127
L4	251.583	214.658	0.504	235.160	226.647	0.504	1384.833	3586.321	3585.831	L206
L5	277.678	236.101	0.504	261.162	252.188	0.504	1336.201	3169.181	3168.691	L205
G6	306.418	267.102	0.504	289.213	281.108	0.504	1291.701	2743.341	2742.748	G24
K7	384.719	316.105	0.504	366.212	358.163	0.504	1223.241	2124.731	2124.239	K125
V8	433.119	405.363	0.504	441.611	433.567	0.504	1181.181	1736.861	1736.376	V22
Y9	484.337	475.523	475.331	498.334	489.921	489.529	1059.645	1087.133	1086.941	Y21
I10	540.878	532.309	531.871	554.876	546.361	545.871	1045.121	2038.609	2038.117	I20
A11	616.597	587.854	587.382	598.395	591.682	591.190	988.581	988.581	979.575	A19
Q12	660.277	611.113	610.621	654.254	645.311	645.419	953.061	954.564	954.271	Q10
G13	698.837	660.404	660.431	687.935	674.422	674.109	889.031	889.513	889.107	G17
G14	697.448	688.935	689.441	711.446	702.932	702.440	881.701	882.189	881.517	G16
V15	746.803	738.449	739.011	760.300	752.467	751.974	831.811	832.489	832.036	V19
L16	803.524	795.111	794.513	817.522	809.069	808.517	782.477	773.964	773.472	L14
P17	852.851	843.137	843.048	866.048	857.635	857.643	725.935	717.422	716.930	P13
N18	909.672	895.559	895.887	924.072	914.958	914.954	677.469	668.995	668.403	N12
L19	968.814	954.401	954.963	978.814	971.966	971.966	601.066	611.874	611.782	L11
Q20	1009.844	1001.130	1000.635	1034.941	1025.128	1024.939	563.845	555.332	554.940	Q10
A21	1062.782	1055.689	1056.157	1097.180	1087.946	1087.914	488.811	491.111	490.811	A19
V22	1114.896	1105.181	1105.661	1124.894	1115.168	1115.168	489.289	455.784	455.292	V19
L23	1171.238	1162.725	1163.231	1185.226	1176.222	1176.230	414.751	405.252	405.758	L17
L24	1227.480	1218.281	1218.776	1244.778	1235.385	1235.373	368.221	348.708	349.216	L16
P25	1276.507	1267.703	1267.301	1299.304	1281.791	1281.259	381.670	263.168	262.674	P15
K26	1340.204	1331.841	1331.769	1354.362	1345.614	1345.346	263.911	244.939	244.144	K14
K27	1404.402	1395.588	1395.391	1418.399	1409.886	1409.394	189.112	185.561	185.100	K15
L28	1464.926	1449.412	1449.360	1489.321	1480.812	1480.812	126.858	0.504	116.162	L12
E29	1519.447	1510.934	1510.440	1533.444	1524.931	1524.432	74.531	0.504	65.529	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=45.28
- ▶ F113278.dat
- ▶ query=q62534.p1
- ▶ precursor=617.580840
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	28.178	0.07	0.07	58.102	0.072	0.072	0.03	0.03	0.022	L28
K1	67.585	61.750	0.672	78.715	71.941	0.672	960.941	965.265	964.921	K28
K1	110.681	104.407	0.672	116.413	113.739	0.672	962.520	947.251	946.921	K27
L4	147.778	142.125	0.672	157.109	151.434	0.672	940.228	904.503	904.225	L28
L5	188.874	179.197	0.672	194.864	188.128	0.672	912.521	866.825	866.578	L25
G1	204.478	198.104	0.672	213.811	208.136	0.672	894.839	826.183	826.181	G24
K7	258.522	250.988	0.672	265.853	260.178	0.672	811.832	810.158	809.828	K22
V1	289.544	281.869	0.672	298.878	293.203	0.672	781.728	788.114	787.788	V22
V1	323.227	317.551	0.672	332.555	326.883	0.672	526.520	526.520	526.191	V21
L20	380.622	375.288	0.672	389.611	384.278	0.672	484.220	467.084	467.081	L20
A11	384.601	378.225	0.672	393.915	388.257	0.672	469.328	463.714	463.388	A19
Q13	427.288	421.611	0.672	436.618	430.944	0.672	430.944	430.944	430.615	Q10
G13	446.204	440.515	0.672	455.626	449.950	0.672	501.024	507.348	507.021	G17
G14	462.301	456.628	0.672	471	468.957	463.278	463.278	464.103	463.814	G16
V15	486.244	480.569	0.672	507.850	501.900	0.672	555.010	549.154	548.828	V15
L10	536.019	530.343	0.672	545.350	539.675	0.672	521.927	525.312	525.084	L14
P17	566.870	560.494	0.672	567.701	562.026	0.672	484.292	478.617	478.289	P13
N18	608.184	600.708	0.672	615.718	610.040	0.672	429.212	451.942	446.268	N12
T19	644.878	638.493	0.672	651.815	646.138	0.672	467.407	413.902	408.292	T11
Q20	686.705	681.189	0.672	690.751	685.068	0.672	380.013	376.212	375.921	Q10
A21	712.644	704.768	704.440	717	714.102	711.772	521.540	527.871	527.542	A11
V22	742.877	737.167	0.672	752.790	747.123	0.672	389.889	384.182	383.854	V11
L23	781.161	775.485	0.672	789.967	784.317	0.672	364.489	278.944	277.185	L21
L24	818.856	813.180	0.672	826.188	820.612	0.672	184.120	238.150	233.474	L16
P25	851.207	845.531	0.672	860.539	854.863	0.672	284.535	281.482	280.788	P15
K26	893.896	888.193	0.672	900.751	895.075	0.672	307.413	188.184	183.420	K14
K27	936.604	930.928	0.672	945.921	940.246	0.672	139.426	126.426	125.162	K13
L28	979.288	974.611	0.672	989.813	984.142	0.672	87.614	81.718	81.672	L12
E29	1013.100	1007.822	0.672	1027.832	1022.658	0.672	101.628	50.023	0.672	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=45.28
- ▶ F113278.dat
- ▶ query=q62534.p1
- ▶ precursor=617.580840
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a0	b	b*	b0	y	y*	y0	AA
L1	22.880	0.952	0.952	59.270	0.925	0.925	771.258	767.473	767.258	L20
N2	30.790	46.534	0.725	37.789	53.532	0.335	183.457	739.203	738.952	N28
K3	22.844	748.257	0.725	189.813	26.588	0.235	712.827	712.600	712.444	K27
L4	111.085	109.828	0.925	119.889	113.827	0.705	652.923	670.856	670.420	L26
L5	139.958	135.959	0.705	148.355	142.988	0.705	654.652	650.395	650.149	L25
G6	133.611	149.325	0.705	180.630	136.894	0.335	608.381	842.124	841.978	G24
K7	102.543	108.386	0.725	109.642	105.385	0.235	612.125	607.868	607.623	K23
V8	171.418	173.353	0.925	229.460	208.152	0.705	571.689	569.831	569.585	V22
T9	1242.872	238.415	238.189	249.671	245.414	245.168	548.537	544.070	543.824	T21
L10	2710.943	268.688	268.460	277.947	273.685	273.439	523.085	518.808	518.562	L20
A11	288.702	284.446	284.220	295.761	291.444	291.198	484.764	481.513	481.267	A19
G12	350.134	336.890	336.614	347.410	343.866	343.610	477.635	472.738	472.524	G18
G13	334.972	330.716	330.430	341.971	337.714	337.468	445.220	440.763	440.517	G17
G14	349.238	344.971	344.725	356.220	351.970	351.724	430.765	426.508	426.262	G16
V15	273.995	369.730	369.482	380.964	376.737	376.491	418.509	412.252	412.007	V15
L16	402.266	388.009	387.763	400.265	405.008	404.762	393.742	391.486	391.240	L14
P17	1426.520	422.272	422.026	433.520	429.271	429.025	353.471	359.215	358.969	P13
N18	435.040	430.783	430.537	462.038	457.782	457.536	339.288	334.951	334.705	N12
L19	463.111	479.854	478.888	490.372	486.053	485.807	310.887	306.441	306.195	L11
G20	515.326	511.069	510.823	523.334	519.067	518.821	282.438	278.139	277.844	G19
A21	533.080	528.823	528.577	540.083	535.827	535.581	250.412	246.115	245.869	A16
V22	587.852	583.595	583.349	564.851	560.594	560.348	232.887	228.589	228.343	V16
L23	586.135	581.878	581.632	593.122	588.865	588.619	207.885	203.628	203.383	L17
L24	614.984	610.727	610.481	622.766	618.509	618.263	179.814	175.557	175.311	L21
P25	1036.857	634.600	634.354	645.855	641.599	641.353	151.343	147.087	146.841	P15
K26	1061.681	668.424	668.178	677.679	673.423	673.177	127.889	123.632	123.377	K14
K27	702.704	698.448	698.202	700.703	705.447	705.201	95.056	90.800	90.554	K13
L28	716.786	712.529	712.283	724.969	720.713	720.467	83.852	79.595	79.349	L22
E29	780.227	755.970	755.724	767.226	762.969	762.723	37.771	0.755	0.528	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.95
- ▶ F113278.dat
- ▶ query=q62535_p1
- ▶ precursor=771.724380
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a+D	b	b*	b+D	y	y*	y+D	AA	
L1	86	856	0.000	0.000	114.061	0.000	0.000	3883.892	2088.989	3999.081	L29
R1	200	195	181.113	0.000	226.134	0.114	0.000	2928.899	3853.782	2862.767	R20
R1	208	204	211.208	0.000	306.229	1.301	0.000	2856.750	3819.726	2838.794	R27
L4	481	318	824.202	0.000	469.313	482.287	0.000	2728.870	2711.843	2710.009	L28
L5	554	482	137.762	0.000	582.397	105.711	0.000	2818.789	3868.789	2829.789	L29
G1	511	424	594.397	0.000	522.433	282.392	0.000	2652.522	2468.495	2884.961	G24
R7	397	393	378.524	0.000	399.243	178.618	0.000	2441.480	2748.454	2847.410	R23
V1	866	819	849.592	0.000	804.513	877.267	0.000	2591.791	2272.227	2171.247	V22
L9	357	352	340.242	849.592	905.601	878.628	877.267	2170.229	2171.250	2172.251	L21
L10	388	382	1063.724	887.742	1108.745	1091.710	1089.701	2088.128	2022.211	2011.207	L21
A11	1151	1097	1124.253	1132.772	1179.782	2162.790	1161.772	2885.124	2898.122	2898.143	A16
G12	1278	1262	1262.629	1262.629	1278.784	2206.814	2206.812	1825.117	1825.096	1827.106	G13
G13	1336	1307	1318.834	1318.831	1384.854	1547.836	1386.852	1777.250	1769.022	1729.046	G17
G14	1353	1339	1376.832	1376.870	1421.884	1404.857	1403.871	1723.037	1703.010	1702.026	G16
V15	1403	1387	1478.843	1474.847	1524.852	1603.826	1502.862	1681.031	1649.889	1646.009	V15
L18	1508	1441	1589.835	1588.833	1654.830	2017.810	1816.820	1553.947	1548.920	1545.900	L14
P19	1613	1588	1688.868	1688.888	1714.880	1714.880	1714.880	1450.863	1433.830	1432.862	P13
R19	1617	1611	1662.821	1662.821	1662.821	1636.816	1617.811	134.818	138.783	138.789	R12
L16	1630	1614	1613.136	1612.211	1658.250	2041.190	1890.230	1236.921	1222.741	1221.767	L11
G20	1658	1641	1641.211	1640.208	1658.212	1658.240	1658.204	1138.648	1109.858	1106.877	G19
A21	1726	1707	1714.268	1714.268	1717.272	2040.268	1839.268	988.824	985.789	980.814	A18
V22	1728	1712	1714.403	1713.371	1728.374	2038.374	1828.374	423.371	927.857	918.561	V18
L23	1841	1809	1834.443	1833.430	1838.464	2352.438	2381.464	828.519	811.492	810.508	L17
L24	1854	1833	1837.527	1836.543	1863.549	2405.522	2404.530	715.435	688.408	687.436	L16
P25	2031	1938	194.404	2033.368	2072.867	2062.876	2031.881	662.351	669.324	664.340	P18
R26	2078	2061	2052.270	2051.860	2077.866	2068.870	2069.890	488.271	488.271	488.271	R10
L27	2087	2068	2087.289	2087.289	2087.289	2018.264	2017.280	377.203	388.177	388.181	L15
L14	2108	2107	2108.818	2108.818	2108.818	2108.818	2108.818	100.818	100.818	100.818	L14
E29	2037	2036	2036.886	2036.876	2036.881	2046.856	2047.871	148.856	148.856	148.856	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=37.95
- ▶ F113278.dat
- ▶ query=q62535_p1
- ▶ precursor=771.724380
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA	
L1	43	332	0.004	0.504	57.949	0.004	0.504	1542.450	1531.946	1033.644	L29
K2	100	333	0.004	0.504	57.951	0.004	0.504	1493.450	1482.946	984.640	K30
R1	104	333	1.000	0.504	57.950	1.000	0.504	1428.000	1420.371	919.001	R27
L4	121	333	212.850	0.504	57.950	220.847	0.504	1304.830	1300.320	830.033	L26
L5	127	333	280.130	0.504	57.950	288.089	0.504	1200.300	1199.780	729.501	L25
Q1	166	333	289.950	0.504	58.023	311.100	0.504	1251.350	1249.241	782.740	Q24
K7	184	333	330.100	0.504	58.076	338.163	0.504	1191.264	1188.754	724.239	K23
V8	181	333	420.000	0.504	58.080	428.247	0.504	1152.312	1150.800	692.270	V22
L9	484.517	475.823	429.151	429.154	749.214	439.239	1055.000	1057.251	2080.041	L21	
I10	548.879	517.360	531.874	554.876	546.363	545.871	1045.173	1038.618	1708.117	I20	
A11	570.329	572.854	565.362	590.395	643.402	581.390	688.581	690.070	979.579	A16	
Q12	648.437	611.913	631.421	654.424	645.911	645.410	651.885	644.549	944.547	Q10	
G13	668.937	680.431	669.651	682.935	674.422	671.930	680.513	680.510	880.027	G17	
G14	697.448	688.930	689.463	711.446	702.932	702.440	686.522	652.009	851.517	G16	
V15	718.949	738.469	737.977	740.969	732.460	732.968	733.477	733.480	821.006	V15	
L16	803.524	795.013	794.501	817.522	809.009	808.517	782.477	773.468	773.022	L14	
P17	852.051	843.537	843.045	857.048	848.530	847.043	725.935	717.427	718.930	P13	
T18	869.074	900.539	900.047	912.070	914.556	914.074	914.577	648.265	648.763	T12	
I19	905.514	900.023	900.005	919.512	914.008	919.500	626.387	626.885	611.382	I11	
Q20	929.954	924.463	923.969	924.941	920.430	924.918	563.845	565.340	534.840	Q19	
A21	1054.392	1050.840	1050.321	1054.843	1050.290	1054.825	1054.818	1042.310	1042.311	A18	
V22	1114.768	1110.213	1110.061	1128.694	1120.180	1119.668	1119.668	1104.160	455.262	V18	
L23	1111.238	1106.720	1106.521	1107.721	1103.202	1107.200	414.189	408.226	405.708	L17	
L24	1227.735	1218.202	1218.179	1241.718	1232.185	1232.173	358.251	349.700	349.216	L16	
P25	1276.349	1270.793	1270.703	1280.304	1270.771	1270.760	301.813	293.260	292.664	P19	
R26	1340.054	1331.841	1331.349	1334.852	1345.638	1345.146	253.133	244.630	244.147	R10	
K27	1354.460	1346.000	1346.398	1416.399	1407.980	1407.980	189.285	181.500	181.100	K15	
L28	1374.938	1400.811	1400.309	1400.811	1400.309	1400.309	170.000	170.000	169.500	L22	
E29	1519.441	1515.934	1515.942	1533.844	1524.911	1524.910	74.534	0.500	65.500	E11	

sp | Q6GSS7 | H2A2A_MOUSE

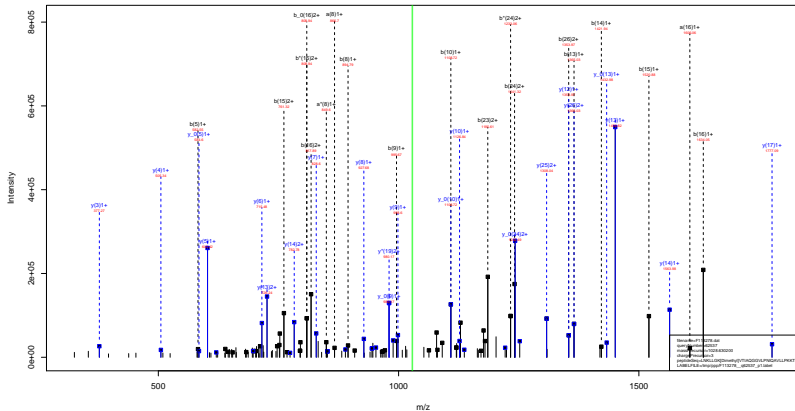
LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=37.95
- ▶ F113278.dat
- ▶ query=q62535.p1
- ▶ precursor=771.724380
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA											
L1	26	539	0.672	0.672	38	392	0.672	302	833	1122	S12										
R1	37	303	1.1708	0.672	75	712	0.672	301	811	1091	R10										
R1	132	683	104	489	0.672	118	411	1.1708	0.672	952	926	847	251	946	821	R127					
L1	147	778	143	133	0.672	137	100	1.1708	0.672	910	328	904	353	904	225	L126					
L1	155	872	179	300	0.672	168	369	1.1708	0.672	873	533	866	538	866	330	L128					
Q1	204	476	108	504	0.672	213	811	208	130	0.672	834	839	829	163	829	835	Q124				
R1	276	522	202	540	0.672	285	851	276	179	0.672	815	812	810	129	809	128	R125				
V1	308	544	211	559	0.672	318	869	309	201	0.672	791	791	798	114	797	786	V122				
L1	313	227	217	512	313	223	332	553	328	883	328	559	750	750	758	114	L121				
H1	380	622	375	246	384	618	391	25	384	578	384	200	607	084	581	408	381	H121			
A11	384	401	378	235	378	237	382	502	388	297	388	297	388	297	385	386	A119				
Q12	427	208	421	813	421	801	438	813	438	813	635	719	630	835	629	707	Q118				
Q11	476	204	470	618	476	606	489	618	489	618	455	626					Q117				
Q14	482	382	479	330	479	338	474	551	488	357	488	357	488	357	474	257	588	347	708	314	G116
L12	488	174	483	618	488	606	501	618	501	618	335	618	548	294	548	294	444	608	V115		
L16	536	528	536	543	536	543	545	528	539	525	539	525	539	525	539	525	539	525	539	525	L114
L17	648	471	562	694	562	366	137	101	577	626	571	698	484	292	478	411	478	292	F113		
T118	656	584	660	788	660	388	137	101	618	540	609	712	253	282	448	288	448	288	448	288	N112
H18	694	678	638	403	638	419	651	410	647	735	647	407	413	407	403	282	403	282	403	282	L111
Q10	698	465	693	468	693	471	698	465	693	471	693	471	693	471	693	471	693	471	693	471	Q110
A11	718	444	714	738	714	738	718	738	714	738	714	738	714	738	714	738	714	738	714	738	A10
V12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	V10
L12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	L10
L12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	L10
L12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	L10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
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R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	714	738	R10
R12	718	444	714	738</																	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=88.55
- ▶ F113278.dat
- ▶ query=q62537_p1
- ▶ precursor=1028.630200
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
L1	88.598	0.000	0.000	134.001	0.000	0.000	363.180	1036.885	1036.881	L129
N1	100.129	0.011	0.000	136.124	0.011	0.000	363.180	1050.783	1050.787	N130
K1	126.234	0.112	0.000	135.225	0.100	0.000	359.770	1070.733	1070.794	K127
L14	144.118	0.042	0.000	139.747	0.042	0.000	2726.830	1211.963	1212.009	L126
L15	154.402	0.017	0.000	142.309	0.017	0.000	2815.961	1268.529	1268.578	L125
G1	161.124	0.041	0.000	142.309	0.000	0.000	2502.530	1248.475	1248.481	G124
K1	167.550	0.012	0.000	145.545	0.012	0.000	1465.481	12426.454	12427.470	K123
V1	169.619	0.000	0.000	154.613	0.000	0.000	2269.262	12572.329	12571.543	V122
L18	167.550	0.012	0.000	155.681	0.012	0.000	1716.038	1217.012	1216.992	L121
L16	1088.750	0.017	1062.740	1108.745	0.001	0.000	1089.251	1079.211	1079.127	L120
A11	1151.797	0.124	1051.752	1132.777	0.179	0.000	1162.750	1151.772	1151.752	A119
G12	1276.896	0.223	1026.876	1310.841	0.206	0.014	1209.835	1029.117	1029.090	G118
G13	1336.887	0.103	0.000	1364.883	0.147	0.000	1366.836	1777.058	1776.048	G117
G14	1385.888	0.008	0.000	1421.884	0.043	0.000	1423.875	1720.001	1720.000	G116
V15	1460.911	0.049	0.000	1478.905	0.130	0.000	1369.845	1661.633	1661.605	V115
L19	1506.941	0.001	0.000	1534.938	0.017	0.000	1519.759	1543.847	1543.838	L114
P17	1573.954	0.001	0.000	1591.960	0.171	0.000	1714.823	1413.319	1413.852	P113
N18	1607.919	0.011	1598.910	1608.910	0.000	0.000	1607.910	1333.810	1333.810	N112
L16	1636.921	0.013	1612.911	1642.911	0.000	0.000	1636.920	1222.741	1221.797	L111
G15	1693.944	0.041	0.000	1698.944	0.000	0.000	1693.944	1116.693	1116.693	G110
L17	1703.917	0.012	1688.905	1713.917	0.012	0.000	1703.917	1098.783	1098.783	L109
V12	2228.949	0.211	2210.974	2236.964	0.230	0.014	2236.910	927.587	926.594	V108
L12	2341.469	0.224	2323.495	2357.495	0.238	0.004	2352.438	881.454	879.519	L107
L14	2424.513	0.007	2406.540	2440.540	0.000	0.000	2424.513	815.435	815.435	L106
P16	2512.708	0.215	2494.730	2529.761	0.262	0.014	2512.712	692.331	690.424	P105
K16	2676.761	0.041	2658.788	2712.788	0.040	0.000	2676.761	565.298	565.271	K104
K17	2707.770	0.001	2689.797	2835.791	0.016	0.000	2717.755	377.253	366.172	K103
L16	2808.814	0.001	2790.839	2826.839	0.019	0.000	2808.814	318.166	318.166	L102
E16	2817.818	0.001	2798.841	2838.834	0.014	0.000	2817.818	191.668	191.668	E101

sp | Q6GSS7 | H2A2A_MOUSE

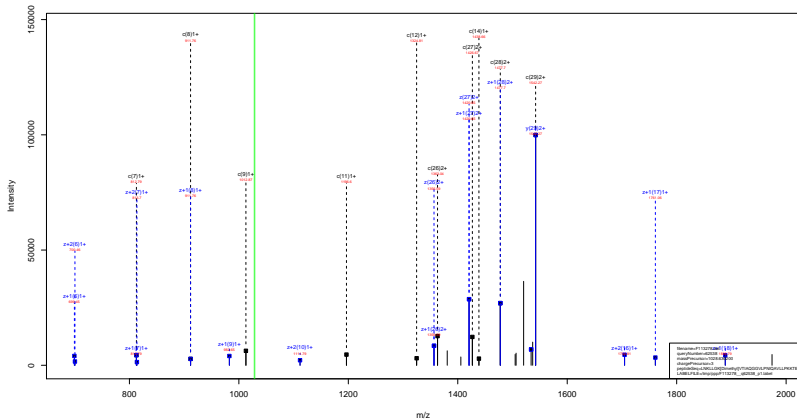
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=88.55
- ▶ F113278.dat
- ▶ query=q62537_p1
- ▶ precursor=1028.630200
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	r	y*	y,0	AA
L13	43.052	0.504	0.504	07.649	0.504	0.504	1347.457	1333.026	2333.444	L129
N12	100.074	0.504	0.504	114.074	0.504	0.504	2481.965	2471.965	2471.965	N10
K13	104.021	150.150	0.504	118.018	170.170	0.504	2438.855	1420.274	2443.881	K129
L14	221.481	247.050	0.504	235.142	256.641	0.504	1160.439	1150.125	2350.611	L128
L15	227.105	269.182	0.504	261.192	282.188	0.504	1300.267	1289.781	269.288	L127
G16	709.019	707.001	0.504	709.019	711.702	0.504	1283.755	1274.254	1282.740	G14
K17	384.470	403.160	0.504	388.470	408.161	0.504	1233.244	1224.717	414.739	K123
V18	443.011	428.262	0.504	447.011	430.267	0.504	1145.115	1138.663	713.015	V122
T19	484.118	474.021	477.311	488.118	489.312	489.312	1020.640	1010.311	478.041	T121
E19	440.870	434.369	431.874	444.870	446.368	446.368	1046.121	1036.606	438.817	E19
A111	176.587	187.284	187.282	187.582	198.279	198.279	900.581	900.067	270.271	A110
G112	186.077	193.613	193.612	194.424	205.111	195.419	953.062	946.543	944.027	G110
G113	168.837	180.424	180.422	182.035	174.429	174.429	889.633	880.511	880.007	G117
G114	897.448	888.933	888.931	911.446	902.932	902.440	882.527	852.009	851.517	G116
V115	176.852	178.449	177.871	180.360	182.467	181.874	819.611	819.611	177.871	V115
L108	794.024	793.011	794.519	817.522	809.009	808.517	782.477	773.964	773.974	L104
P117	852.051	846.537	844.049	868.048	867.535	867.041	725.935	717.420	718.930	P115
N118	809.012	800.500	800.009	809.010	814.506	814.009	647.997	648.000	800.009	N119
L119	965.014	957.121	956.000	972.112	971.098	970.977	620.107	613.074	611.062	L121
G120	1029.044	1021.130	1020.000	1029.039	1034.021	1034.000	561.000	559.320	1024.000	G118
P121	1009.010	1000.004	1000.000	1019.160	1019.014	1019.014	489.913	489.900	1000.000	P119
V122	1114.096	1106.181	1105.001	1128.094	1126.180	1126.000	454.201	453.184	1105.262	V118
L123	1171.218	1162.720	1162.000	1185.236	1183.738	1183.000	424.100	424.200	1162.720	L119
L124	1227.000	1219.000	1218.000	1241.778	1233.265	1232.773	381.221	381.100	1219.000	L118
K125	1225.207	1219.200	1219.201	1246.708	1246.708	1246.708	380.010	380.100	1219.201	K118
K126	1492.024	1481.001	1481.000	1504.352	1494.000	1494.000	281.151	281.000	1481.001	K114
K127	1424.204	1414.200	1414.200	1424.204	1424.204	1424.204	280.100	280.100	1414.200	K113
L128	1474.026	1465.413	1465.000	1485.812	1476.000	1476.000	125.000	0.504	115.002	L122
E129	1019.047	1010.000	1010.000	1031.044	1024.000	1024.000	78.504	0.504	68.000	E111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.07
- ▶ F113278.dat
- ▶ query=q62538.p1
- ▶ precursor=1028.630200
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3081.892	3067.873	0.000	3066.895	L 29
N 2	345.161	2970.808	2954.789	2955.797	2951.781	N 28
K 3	373.256	2856.765	2840.746	2841.754	2839.738	K 27
L 4	486.340	2728.670	2712.651	2713.659	2711.643	L 26
L 5	599.424	2615.585	2599.567	2600.575	2598.560	L 25
Q 6	694.448	2502.502	2486.483	2487.491	2485.475	Q 24
K 7	812.572	2345.480	2429.462	2430.469	2428.454	K 23
V 8	911.640	2288.354	2273.335	2274.343	2272.327	V 22
T 9	1012.688	2190.286	2174.267	2175.275	2173.259	T 21
I 10	1125.772	2089.238	2073.219	2074.227	2072.211	I 20
A 11	1196.809	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.867	1895.111	1889.098	1890.106	1888.090	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.910	1720.937	1704.918	1705.026	1703.010	G 16
V 15	1537.879	1663.015	1646.997	1646.004	1645.989	V 15
L 16	1651.063	1563.947	1547.928	1548.936	1546.920	L 14
F 17	1748.116	1450.893	1434.864	1435.872	1433.856	F 13
TW 18	1892.159	1383.810	1367.791	1368.799	1366.783	TW 12
I 19	1975.243	1239.767	1223.748	1224.756	1222.741	I 11
Q 20	2103.301	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.336	998.624	982.606	983.614	981.598	A 9
V 22	2273.407	927.587	911.569	912.576	910.561	V 8
L 23	2386.491	828.519	812.500	813.508	811.492	L 7
L 24	2499.575	715.435	699.415	700.424	698.408	L 6
P 25	2596.626	602.351	586.332	587.340	585.324	P 5
K 26	2724.723	505.298	489.279	490.287	488.271	K 4
K 27	2852.816	377.203	361.184	362.192	360.177	K 3
T 28	2953.895	249.108	233.089	234.097	232.082	T 2
E 29	3082.938	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

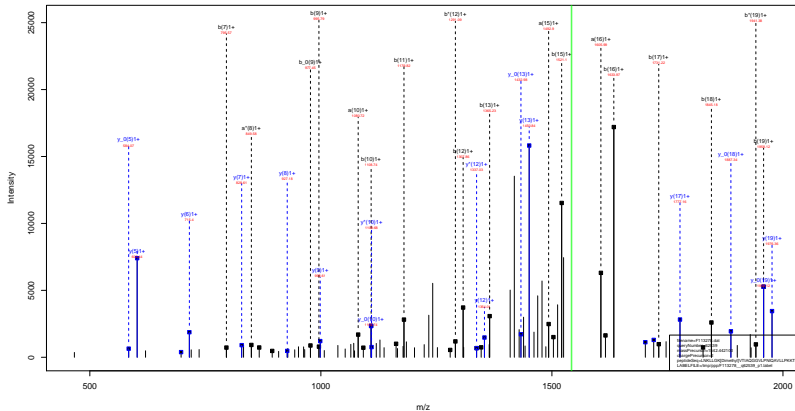
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.07
- ▶ F113278.dat
- ▶ query=q62538.p1
- ▶ precursor=1028.630200
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	66.063	1542.450	1534.440	0.504	1533.936	L 26
N 2	123.084	1485.905	1477.898	1478.402	1477.394	N 28
K 3	187.132	1428.888	1420.877	1421.381	1420.373	K 27
L 4	243.674	1364.839	1356.829	1357.333	1356.325	L 26
L 5	300.216	1308.297	1308.297	1300.791	1299.783	L 25
G 6	358.729	1251.755	1243.745	1244.249	1243.241	G 24
K 7	406.789	1223.244	1215.234	1215.738	1214.731	K 23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V 22
T 9	506.846	1095.646	1087.637	1088.141	1087.133	T 21
I 10	563.390	1045.123	1037.113	1037.617	1036.609	I 20
A 11	598.608	988.581	980.571	981.075	980.067	A 19
Q 12	662.937	953.062	945.053	945.557	944.549	Q 18
G 13	691.448	889.033	881.023	881.527	880.519	G 17
G 14	719.959	860.522	852.513	853.017	852.009	G 16
V 15	769.493	832.011	824.002	824.506	823.498	V 15
L 16	826.035	782.477	774.468	774.972	773.964	L 14
F 17	874.561	725.935	717.926	718.430	717.422	F 13
N 18	911.583	677.409	669.399	669.903	668.895	N 12
I 19	968.125	620.387	612.378	612.882	611.874	I 11
Q 20	1052.154	563.845	555.836	556.340	555.332	Q 10
A 21	1087.673	499.816	491.807	492.310	491.302	A 9
V 22	1137.207	464.297	456.288	456.792	455.784	V 8
L 23	1183.749	414.763	406.754	407.258	406.250	L 7
L 24	1250.291	358.221	350.212	350.716	349.708	L 6
P 25	1298.817	301.678	293.670	294.174	293.166	P 5
K 26	1362.865	253.153	245.143	245.647	244.639	K 4
K 27	1426.912	189.105	181.096	181.600	180.592	K 3
T 28	1477.436	125.058	117.048	117.552	116.544	T 2
E 29	1541.958	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

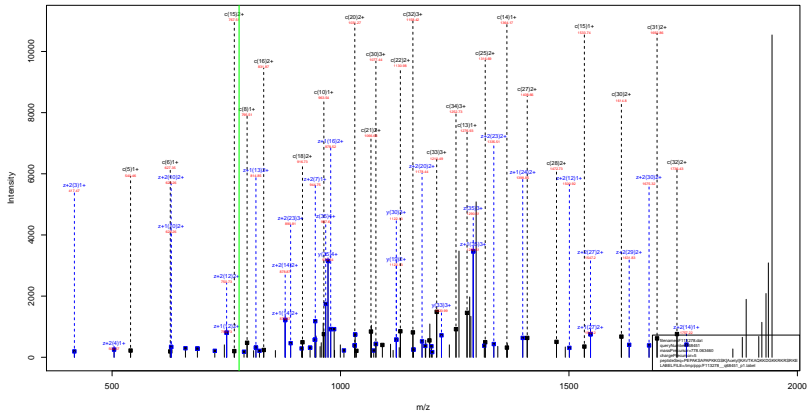
LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
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- ▶ F113278.dat
- ▶ query=q62539_p1
- ▶ precursor=1542.442100
- ▶ chargePrecursor=2
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AA	a	a*	a,Δ	b	b*	b,Δ	r	y*	y,Δ	AA
L13	163.076	0.000	0.000	114.093	0.000	0.000	2081.893	1326.205	0.000	L129
N12	169.078	151.711	0.000	168.074	111.719	0.000	2078.893	1324.787	0.000	N10
K13	128.034	351.250	0.000	108.237	336.033	0.000	2076.193	1268.784	0.000	K127
L14	441.111	424.202	0.000	449.113	432.207	0.000	2128.473	2213.043	0.000	L128
L15	104.024	381.103	0.000	102.027	369.111	0.000	2073.500	1268.200	0.000	L125
G16	112.024	376.201	0.000	110.027	362.219	0.000	2059.201	1269.471	0.000	G14
K17	107.030	363.134	0.000	105.033	351.133	0.000	2045.464	1242.464	0.000	K123
V18	166.619	648.582	0.000	164.613	637.587	0.000	2288.304	2072.327	0.000	V122
T19	178.078	161.642	0.000	175.081	171.632	0.000	977.451	1129.201	0.000	T121
I10	1080.750	1081.744	1084.740	1108.745	1091.719	1096.714	3088.238	3074.211	3081.707	I109
A11	1131.077	1124.782	1131.777	1170.782	1162.756	1167.751	1616.154	1598.127	1590.143	A116
Q12	1279.846	1274.439	1278.436	1307.841	1296.814	1298.810	3109.111	3099.092	1587.106	Q118
GL13	1136.867	1131.844	1133.867	1364.862	1367.859	1366.852	1777.858	1768.833	1769.848	GL127
GL14	1107.887	1102.862	1104.878	1330.882	1334.879	1333.874	1720.837	1710.810	1702.826	GL126
V15	1492.957	1478.931	1474.944	1520.952	1504.927	1502.942	3102.912	3084.885	3084.885	V105
L108	1006.041	1000.030	1003.031	1034.036	1037.030	1035.026	3093.044	3078.026	3068.008	L104
P117	1103.034	1098.000	1098.000	1131.009	1124.003	1121.001	1400.863	1383.836	1432.852	P113
N118	1011.019	1006.011	1006.011	1045.015	1038.008	1035.006	1829.031	1815.003	1836.025	N112
I19	1131.021	1124.011	1124.011	1108.016	1041.190	1038.185	3122.044	3093.027	3093.027	I121
Q120	1018.008	1013.000	1013.000	1008.005	1003.000	1000.000	3098.028	3088.000	3088.000	Q115
A121	1019.011	1014.000	1014.000	1009.005	1004.000	1001.000	1068.024	1058.000	1058.000	A119
V122	1228.580	1221.570	1221.570	1224.575	1218.564	1216.554	3228.578	3213.551	3213.551	V117
L123	1341.400	1334.400	1334.400	1338.404	1332.400	1330.400	820.510	814.499	814.499	L117
L124	1024.013	1017.000	1017.000	1012.004	1006.000	1004.000	3014.011	3004.000	3004.000	L118
P126	1011.006	1004.000	1004.000	1006.001	1000.000	1000.000	3011.010	3001.000	3001.000	P120
K129	1019.011	1012.000	1012.000	1007.004	1001.000	1000.000	3011.010	3001.000	3001.000	K124
K127	1017.006	1010.000	1010.000	1012.001	1006.000	1004.000	3011.010	3001.000	3001.000	K119
L128	1018.004	1011.000	1011.000	1013.001	1007.000	1005.000	3011.010	3001.000	3001.000	L122
E124	1017.006	1010.000	1010.000	1011.001	1005.000	1003.000	3011.010	3001.000	3001.000	E111

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl} KAVTKAQKKDGKKRKRSRKE
42.01



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl} KAVTKAQKKDGGKRRKRSRKE
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.35
- ▶ F113278.dat
- ▶ query=q68451.p1
- ▶ precursor=778.063460
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	3886.294	3870.275	0.000	3869.267	P35
E2	244.129	3789.241	3773.222	0.000	3772.214	E34
P3	341.182	3690.198	3644.180	0.000	3643.172	P33
A4	412.219	3563.146	3547.127	0.000	3546.119	A32
K5	548.314	3492.108	3476.089	3473.068	3475.062	K31
S6	627.346	3364.014	3347.995	3349.003	3346.991	S30
A7	698.383	3276.982	3260.963	3261.971	3259.955	A29
P8	795.436	3205.944	3189.925	3190.933	3188.918	P28
A9	866.473	3108.892	3092.873	3093.881	3091.865	A27
P10	963.526	3037.855	3021.836	3022.844	3020.829	P26
K11	1091.621	2940.802	2924.783	2925.791	2923.775	K25
K12	1219.718	2812.701	2796.682	2797.690	2795.674	K24
Q13	1276.737	2684.612	2668.593	2669.601	2667.585	Q23
S14	1363.769	2627.560	2611.542	2612.549	2610.534	S22
K15	1533.875	2540.508	2524.489	2525.497	2523.481	K21
K16	1661.970	2370.453	2354.434	2355.442	2353.426	K20
A17	1733.007	2242.398	2226.379	2227.387	2225.371	A19
V18	1832.078	2174.321	2158.302	2159.310	2157.294	V18
T19	1933.123	2072.252	2056.234	2057.241	2055.225	T17
K20	2061.218	1971.205	1955.186	1956.194	1954.178	K16
A21	2132.255	1843.110	1827.091	1828.099	1826.083	A15
Q22	2260.314	1772.073	1756.054	1757.062	1755.046	Q14
K23	2388.409	1644.014	1627.995	1629.003	1626.987	K13
R24	2516.504	1515.919	1499.900	1500.908	1498.884	R12
D25	2631.536	1387.824	1371.805	1372.813	1370.798	D11
G26	2688.552	1272.797	1256.778	1257.786	1255.771	G10
K27	2816.647	1171.716	1155.697	1200.765	1198.749	K0
K28	2944.742	1087.681	1071.662	1072.670	1070.654	K0
R29	3100.843	959.598	943.567	944.575	942.559	R7
R30	3239.938	803.485	787.466	788.474	786.458	R0
R31	3385.039	675.390	659.371	660.379	658.363	R5
S32	3472.071	519.289	503.270	504.278	502.262	S4
R33	3628.172	432.257	416.238	417.246	415.230	R3
K34	3756.267	276.155	260.137	261.144	259.129	K2
E35	3885.310	148.060	132.042	133.050	131.034	E1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl}_{42.01} KAVTKAQKKDKGKRRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.35
- ▶ F113278.dat
- ▶ query=q68451_p1
- ▶ precursor=778.063460
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#±1	#±2	z	AA	
F	1	58.047	1043.651	1035.641	0.504	1935.117	F(28)
E	2	122.508	1095.124	1087.115	0.504	1886.611	E(34)
F	3	171.095	1030.603	1022.593	0.504	1822.000	F(33)
A	4	208.613	1182.076	1174.067	0.504	1773.563	A(32)
K	5	270.661	1746.558	1738.548	1739.052	1739.045	K(31)
S	6	314.177	1682.510	1674.501	1675.005	1674.997	S(30)
A	7	362.695	1638.994	1630.985	1631.489	1630.481	A(29)
F	8	398.222	1603.476	1595.466	1595.970	1594.961	F(28)
A	9	433.740	1554.949	1546.940	1547.444	1546.436	A(27)
F	10	482.267	1519.431	1511.422	1511.925	1510.916	F(26)
K	11	546.314	1470.905	1462.895	1463.399	1462.391	K(25)
K	12	610.362	1426.378	1398.848	1399.352	1398.344	K(24)
G	13	638.872	1342.810	1334.800	1335.304	1334.296	G(23)
S	14	682.388	1314.299	1306.289	1306.793	1305.785	S(22)
K	15	767.441	1270.763	1262.753	1263.257	1262.250	K(21)
K	16	831.488	1185.730	1177.721	1178.225	1177.217	K(20)
A	17	897.997	1121.683	1113.673	1114.177	1113.169	A(19)
V	18	916.541	1038.554	1030.545	1031.049	1077.051	V(18)
T	19	967.065	1036.630	1028.620	1029.124	1028.117	T(17)
K	20	1031.113	986.106	978.097	978.601	977.593	K(16)
A	21	1066.631	922.058	914.049	914.553	913.545	A(15)
Q	22	1130.660	898.540	878.531	879.034	878.027	Q(14)
K	23	1194.708	822.511	814.501	815.005	813.997	K(13)
K	24	1258.157	758.463	750.454	750.958	749.950	K(12)
D	25	1316.269	694.418	686.406	686.910	685.903	D(11)
G	26	1364.780	636.902	628.893	629.397	628.389	G(10)
K	27	1408.827	608.391	600.382	600.886	599.878	K(9)
K	28	1472.875	644.344	636.335	636.839	635.831	K(8)
R	29	1550.676	680.296	672.287	672.791	671.783	R(7)
K	30	1614.973	602.246	594.237	594.740	593.733	K(6)
R	31	1693.023	538.198	530.189	530.693	529.685	R(5)
S	32	1736.539	260.148	252.139	252.642	251.635	S(4)
K	33	1814.590	216.632	208.623	209.126	208.119	K(3)
K	34	1878.637	138.561	130.552	131.056	130.048	K(2)
E	35	1943.158	74.534	66.524	67.028	66.021	E(1)

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl}_{42.01} KAVTKAQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=66.35
- ▶ F113278.dat
- ▶ query=q68451.p1
- ▶ precursor=778.063460
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F 1	39.034	1296.123	1290.763	0.672	1290.427	F 29
E 2	82.048	1263.752	1258.432	0.672	1258.076	E 34
F 3	114.399	1220.738	1215.398	0.672	1215.062	F 33
A 4	138.076	1188.361	1183.047	0.672	1182.711	A 32
K 5	180.776	1164.708	1159.368	1159.704	1159.032	K 31
S 6	209.287	1122.009	1116.619	1117.006	1116.336	S 30
A 7	213.466	1092.959	1087.639	1087.996	1087.321	A 29
F 8	265.817	1069.320	1063.930	1064.316	1063.644	F 28
A 9	289.490	1036.969	1031.629	1031.965	1031.293	A 27
F 10	321.847	1013.290	1007.950	1008.286	1007.614	F 26
K 11	364.545	980.939	975.599	975.939	975.263	K 25
K 12	407.243	938.240	932.901	933.237	932.565	K 24
G 13	426.251	895.542	890.203	890.538	889.867	G 23
S 14	455.261	876.535	871.195	871.531	870.859	S 22
K 15	511.963	847.524	842.185	842.521	841.849	K 21
K 16	554.661	790.822	785.483	785.819	785.147	K 20
A 17	578.340	748.124	742.785	743.120	742.448	A 19
V 18	611.393	724.445	719.106	719.441	718.770	V 18
T 19	645.046	691.422	686.083	686.419	685.747	T 17
K 20	687.744	657.740	652.400	652.736	652.064	K 16
A 21	711.423	615.041	609.702	610.038	609.366	A 15
Q 22	754.109	591.362	586.023	586.359	585.687	Q 14
K 23	796.808	548.676	543.337	543.673	543.001	K 13
K 24	839.506	505.975	500.636	500.974	500.302	K 12
D 25	877.248	463.280	457.940	458.276	457.604	D 11
G 26	896.655	424.917	419.578	419.914	419.242	G 10
K 27	939.554	405.930	400.590	400.926	400.255	K 9
K 28	952.252	363.232	357.893	358.229	357.557	K 8
R 29	994.949	320.531	315.194	315.530	314.858	R 7
K 30	1076.984	268.500	263.160	263.496	262.824	K 6
R 31	1129.619	225.801	220.462	220.798	220.126	R 5
S 32	1158.029	173.768	168.428	168.764	168.092	S 4
K 33	1210.062	144.757	139.417	139.753	139.082	K 3
K 34	1252.761	92.721	87.381	87.726	87.049	K 2
E 35	1295.775	50.025	44.685	45.021	44.349	E 1

sp | Q6ZWY9 | H2B1C_MOUSE

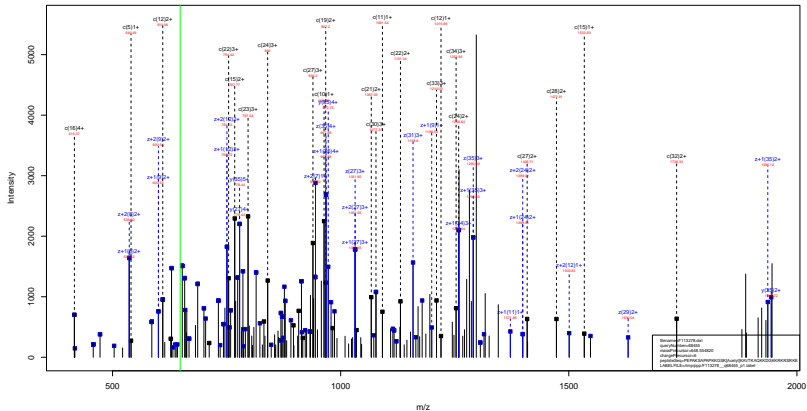
PEPAKSAPAPKKGSK ^{Acetyl}_{42.01} KAVTKAQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=66.35
- ▶ F113278.dat
- ▶ query=q68451.p1
- ▶ precursor=778.063460
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.537	972.329	968.524	0.755	968.072	P[35]
E[2]	61.788	948.066	944.061	0.755	943.809	E[34]
P[3]	86.051	915.805	911.800	0.755	911.948	P[33]
A[4]	103.810	891.542	887.537	0.755	887.285	A[32]
K[5]	135.834	873.783	869.778	0.755	869.526	K[31]
S[6]	157.592	841.759	837.754	0.755	837.502	S[30]
A[7]	175.351	820.001	815.996	0.755	815.744	A[29]
P[8]	199.614	802.242	798.237	0.755	797.985	P[28]
A[9]	217.374	777.978	773.973	0.755	773.721	A[27]
P[10]	241.637	760.219	756.214	0.755	755.962	P[26]
K[11]	273.661	735.956	731.951	0.755	731.699	K[25]
K[12]	305.684	703.932	699.927	0.755	699.676	K[24]
G[13]	319.940	671.908	667.904	0.755	667.652	G[23]
S[14]	341.698	657.653	653.648	0.755	653.396	S[22]
K[15]	384.224	635.895	631.890	0.755	631.638	K[21]
K[16]	416.248	593.869	589.864	0.755	589.612	K[20]
A[17]	434.007	561.845	557.840	0.755	557.588	A[19]
V[18]	458.774	543.586	539.581	0.755	539.329	V[18]
V[19]	484.036	518.819	514.814	0.755	514.562	V[17]
K[20]	516.060	493.597	489.592	0.755	489.340	K[16]
A[21]	533.819	461.533	457.528	0.755	457.276	A[15]
Q[22]	565.834	443.774	439.769	0.755	439.517	Q[14]
K[23]	597.858	411.750	407.745	0.755	407.493	K[13]
K[24]	629.881	379.735	375.731	0.755	375.479	K[12]
D[25]	658.638	347.711	343.707	0.755	343.455	D[11]
G[26]	672.893	318.955	314.950	0.755	314.698	G[10]
K[27]	704.917	304.699	300.695	0.755	300.443	K[9]
K[28]	736.941	272.676	268.671	0.755	268.419	K[8]
R[29]	775.966	240.652	236.647	0.755	236.395	R[7]
K[30]	807.990	201.627	197.622	0.755	197.370	K[6]
K[31]	847.015	169.603	165.598	0.755	165.346	K[5]
S[32]	888.774	139.578	135.573	0.755	135.321	S[4]
R[33]	907.798	108.552	104.547	0.755	104.295	R[3]
K[34]	939.822	69.524	65.519	0.755	65.267	K[2]
E[35]	972.083	37.771	33.766	0.755	33.514	E[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl} KAVTKAQKKDGKKRKRSRKE
42.01



sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl}_{42.01} KAVTKAQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.94
- ▶ F113278.dat
- ▶ query=q68455.p1
- ▶ precursor=648.554820
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	3886.294	3870.275	0.000	3869.267	P35
E2	244.129	3789.241	3773.232	0.000	3772.214	E34
P3	341.182	3690.198	3644.180	0.000	3643.172	P33
A4	412.219	3563.146	3547.127	0.000	3546.119	A32
K5	548.314	3492.108	3476.089	3477.086	3475.082	K31
S6	627.346	3364.014	3347.995	3349.033	3346.991	S30
A7	698.383	3276.982	3260.963	3261.971	3259.955	A29
P8	795.436	3205.944	3189.926	3190.933	3188.918	P28
A9	866.473	3108.892	3092.873	3093.881	3091.865	A27
P10	963.526	3037.855	3021.836	3022.844	3020.828	P26
K11	1091.621	2940.802	2924.783	2925.791	2923.775	K25
K12	1218.716	2912.801	2796.688	2797.696	2795.680	K24
Q13	1276.737	2884.812	2868.793	2869.801	2867.785	Q23
S14	1363.789	2827.800	2611.572	2612.579	2610.564	S22
K15	1533.675	2640.858	2624.840	2625.847	2623.832	K21
K16	1661.970	2370.453	2354.434	2355.442	2353.426	K20
A17	1733.067	2242.368	2226.350	2227.347	2225.331	A19
V18	1832.078	2174.321	2158.302	2159.310	2157.294	V18
T19	1933.123	2072.252	2056.234	2057.241	2055.225	T17
K20	2061.218	1971.205	1955.186	1956.194	1954.178	K16
A21	2152.255	1843.110	1827.091	1828.099	1826.083	A15
Q22	2260.314	1772.073	1756.054	1757.062	1755.046	Q14
K23	2388.409	1644.014	1627.995	1628.003	1626.987	K13
K24	2516.504	1315.919	1499.900	1500.908	1498.884	K12
D25	2631.530	1387.824	1371.805	1372.813	1370.796	D11
G26	2688.552	1272.797	1256.778	1257.786	1255.771	G10
K27	2816.647	1215.776	1199.757	1200.765	1198.749	K9
K28	2944.742	1087.681	1071.662	1072.670	1070.654	K8
R29	3100.843	959.586	943.567	944.575	942.559	R7
R30	3238.938	803.485	787.466	788.474	786.455	R6
R31	3385.039	675.390	659.371	660.379	658.363	R5
S32	3472.071	519.289	503.270	504.278	502.262	S4
R33	3628.172	432.257	416.238	417.246	415.230	R3
K34	3756.267	276.155	260.137	261.144	259.129	K2
E35	3885.310	148.060	132.042	133.050	131.034	E1

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl}_{42.01} KAVTKAQKKDKGKRRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.94
- ▶ F113278.dat
- ▶ query=q68455.p1
- ▶ precursor=648.554820
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#+1	#+2	z	AA
F1	58.047	1943.651	1935.641	0.504	1935.117	F129
E1	122.508	1895.124	1887.115	0.504	1889.611	E134
F3	171.095	1830.603	1822.593	0.504	1822.000	F133
A4	208.613	1782.076	1774.067	0.504	1773.563	A132
K5	270.661	1746.558	1738.548	1739.052	1739.045	K131
S6	314.177	1686.510	1678.501	1679.506	1679.997	S130
A7	369.696	1638.994	1630.985	1631.989	1630.481	A129
F8	398.222	1603.476	1595.466	1595.970	1594.961	F128
A9	433.740	1554.949	1546.940	1547.444	1546.436	A127
F10	482.267	1519.431	1511.422	1511.925	1510.918	F126
K11	506.314	1470.905	1462.895	1463.399	1462.391	K125
K12	610.362	1408.857	1398.848	1399.352	1399.344	K124
G13	638.362	1342.810	1334.800	1335.304	1334.296	G123
S14	682.388	1314.299	1306.289	1306.793	1305.786	S122
K15	767.441	1270.763	1262.753	1263.257	1262.250	K121
K16	831.488	1185.720	1177.711	1178.225	1177.217	K120
A17	897.997	1121.683	1113.673	1114.177	1113.169	A119
V18	916.541	1058.554	1050.545	1051.049	1077.051	V118
T19	967.065	1038.630	1028.620	1029.124	1028.117	T117
K20	1031.113	986.106	978.097	978.601	977.593	K116
A21	1066.631	922.058	914.049	914.553	913.545	A115
Q22	1130.660	898.540	878.531	879.034	878.027	Q114
K23	1194.709	822.511	814.503	815.005	813.997	K113
K24	1258.755	758.463	750.454	750.958	749.950	K112
D25	1318.269	694.418	686.406	686.910	685.903	D111
G26	1364.700	636.902	628.893	629.397	628.390	G110
K27	1468.827	608.391	600.382	600.886	599.878	K109
K28	1472.875	584.344	538.335	538.839	537.831	K108
R29	1550.676	480.296	472.287	472.791	471.783	R107
K30	1614.973	402.246	384.237	384.740	383.733	K106
R31	1681.023	338.198	330.189	330.693	329.685	R105
S32	1736.539	260.148	252.139	252.642	251.635	S104
K33	1814.590	216.632	208.623	209.126	208.119	K103
K34	1878.637	138.584	130.575	131.078	130.069	K102
E35	1943.158	74.534	66.524	67.028	66.021	E101

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl}_{42.01} KAVTKAQKKDKGKKRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=56.94
- ▶ F113278.dat
- ▶ query=q68455.p1
- ▶ precursor=648.554820
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#+1	#+2	z	AA
P1	39.034	1296.103	1290.763	0.672	1290.427	P10
E1	82.048	1263.752	1258.412	0.672	1258.076	E14
P3	114.399	1220.738	1215.388	0.672	1215.062	P13
A4	138.078	1188.361	1183.047	0.672	1182.711	A12
K5	180.776	1164.708	1159.358	1159.704	1159.032	K11
S6	209.287	1122.009	1116.670	1117.006	1116.335	S10
A7	213.466	1092.929	1087.609	1087.955	1087.321	A19
P8	265.817	1069.320	1064.000	1064.316	1063.644	P18
A9	289.490	1036.969	1031.629	1031.965	1031.293	A17
P10	321.847	1013.290	1007.950	1008.286	1007.614	P16
K11	364.545	980.939	975.589	975.936	975.263	K15
K12	407.243	938.240	932.901	933.237	932.565	K14
G13	426.251	895.542	890.203	890.538	889.867	G19
S14	455.261	876.535	871.195	871.531	870.859	S19
K15	511.063	847.524	842.185	842.521	841.849	K19
K16	554.661	798.822	785.483	785.819	785.147	K18
A17	578.340	748.124	742.785	743.120	742.448	A19
V18	611.393	724.485	719.146	719.481	718.770	V18
T19	645.046	691.422	686.083	686.419	685.747	T17
K20	687.744	657.740	652.400	652.736	652.064	K16
A21	711.423	615.041	609.702	610.038	609.366	A15
Q22	754.109	591.362	586.023	586.359	585.687	Q14
K23	796.808	548.676	543.337	543.672	543.000	K13
K24	839.506	505.975	500.636	500.974	500.302	K12
D25	877.848	463.280	457.940	458.276	457.604	D11
G26	896.855	424.917	419.578	419.914	419.262	G10
K27	939.554	405.930	400.590	400.926	400.255	K19
K28	982.252	363.232	357.892	358.228	357.556	K18
R29	1034.286	320.531	315.191	315.526	314.854	R17
K30	1076.984	288.500	283.160	283.496	282.824	K16
R31	1129.618	245.801	240.461	240.796	240.124	R15
S32	1158.029	173.768	168.428	168.764	168.092	S14
K33	1210.062	144.757	139.417	139.753	139.082	K13
K34	1252.761	92.721	87.381	87.726	87.046	K13
E35	1295.775	50.025	44.685	45.021	44.349	E11

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl} KAVTKAQKKDGGKRRKRSRKE
42.01

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=56.94
- ▶ F113278.dat
- ▶ query=q68455.p1
- ▶ precursor=648.554820
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	972.329	968.324	0.755	958.072	P[15]
E[2]	61.788	948.050	944.061	0.755	943.809	E[34]
P[3]	86.051	915.805	911.800	0.755	911.548	P[13]
A[4]	103.810	891.542	887.537	0.755	887.285	A[32]
K[5]	135.834	873.783	869.778	870.030	869.526	K[31]
S[6]	157.592	841.759	837.754	838.006	837.502	S[30]
A[7]	175.351	820.001	815.990	816.248	815.744	A[29]
P[8]	199.614	802.242	798.237	798.489	797.985	P[28]
A[9]	217.374	777.978	773.974	774.226	773.722	A[27]
T[10]	243.837	756.215	756.214	756.466	755.962	T[26]
K[11]	273.081	735.956	731.951	732.203	731.699	K[25]
K[12]	305.284	703.932	699.927	700.179	699.675	K[24]
G[13]	319.940	671.968	667.964	668.156	667.652	G[23]
S[14]	341.698	657.653	653.648	653.900	653.396	S[22]
K[15]	384.224	635.695	631.890	632.142	631.638	K[21]
K[16]	416.248	593.369	589.364	589.616	589.112	K[20]
A[17]	434.007	561.345	557.340	557.592	557.088	A[19]
V[18]	458.774	543.586	539.581	539.833	539.329	V[18]
T[19]	484.036	518.819	514.813	515.066	514.562	T[17]
K[20]	518.060	493.551	489.547	489.804	489.300	K[16]
A[21]	533.819	461.533	457.528	457.780	457.276	A[15]
Q[22]	565.834	443.774	439.769	440.021	439.517	Q[14]
K[23]	597.858	411.759	407.754	408.006	407.502	K[13]
K[24]	629.881	379.735	375.731	375.982	375.479	K[12]
D[25]	658.638	347.711	343.707	343.959	343.455	D[11]
G[26]	672.893	318.955	314.950	315.202	314.698	G[10]
K[27]	704.917	304.699	300.695	300.947	300.443	K[9]
K[28]	736.941	272.676	268.671	268.923	268.419	K[8]
K[29]	775.966	240.652	236.647	236.899	236.395	K[7]
K[30]	807.990	201.627	197.622	197.874	197.370	K[6]
R[31]	847.015	169.603	165.598	165.850	165.346	R[5]
S[32]	868.773	130.578	126.573	126.825	126.321	S[4]
R[33]	907.798	108.620	104.615	105.067	104.563	R[3]
K[34]	939.822	69.794	65.790	66.042	65.538	K[2]
E[35]	972.083	37.771	33.766	34.018	33.514	E[1]

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl}_{42.01} KAVTKAQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=56.94
- ▶ F113278.dat
- ▶ query=q68455.p1
- ▶ precursor=648.554820
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	23.821	778.065	774.861	0.806	774.659	P[35]
E[2]	49.632	758.654	755.450	0.806	755.249	E[34]
P[3]	69.042	732.645	729.642	0.806	729.440	P[33]
A[4]	83.250	713.435	710.231	0.806	710.030	A[32]
K[5]	108.869	699.228	696.024	696.225	695.822	K[31]
S[6]	126.275	673.609	670.405	670.606	670.203	S[30]
A[7]	140.482	656.202	652.998	653.200	652.797	A[29]
P[8]	159.891	641.995	638.791	638.993	638.589	P[28]
A[9]	174.100	622.584	619.380	619.582	619.179	A[27]
P[10]	193.511	608.377	605.173	605.374	604.971	P[26]
K[11]	219.130	588.966	585.762	585.964	585.561	K[25]
K[12]	244.749	563.347	560.143	560.345	559.942	K[24]
G[13]	256.153	537.728	534.524	534.726	534.323	G[23]
S[14]	273.560	526.324	523.120	523.322	522.919	S[22]
K[15]	307.581	508.917	505.714	505.915	505.512	K[21]
K[16]	333.200	474.896	471.693	471.894	471.491	K[20]
A[17]	347.407	449.277	446.074	446.275	445.872	A[19]
V[18]	367.221	435.070	431.866	432.068	431.665	V[18]
T[19]	387.430	415.256	412.053	412.254	411.851	T[17]
K[20]	413.049	395.047	391.843	392.045	391.642	K[16]
A[21]	427.257	369.428	366.224	366.426	366.022	A[15]
Q[22]	452.869	355.220	352.017	352.218	351.815	Q[14]
K[23]	478.488	329.609	326.405	326.606	326.203	K[13]
K[24]	504.107	301.990	300.786	300.987	300.584	K[12]
D[25]	527.112	278.371	275.167	275.368	274.965	D[11]
G[26]	536.516	255.365	252.161	252.363	251.960	G[10]
K[27]	564.135	243.961	240.757	240.959	240.556	K[9]
K[28]	589.754	218.342	215.138	215.340	214.937	K[8]
R[29]	620.974	192.723	189.519	189.721	189.318	R[7]
K[30]	646.593	161.303	158.299	158.501	158.097	K[6]
R[31]	677.814	135.884	132.880	132.882	132.478	R[5]
S[32]	695.220	104.664	101.460	101.661	101.258	S[4]
R[33]	726.440	67.257	64.053	64.255	63.852	R[3]
K[34]	752.059	56.037	52.833	53.035	52.632	K[2]
E[35]	777.868	30.418	27.214	27.416	27.013	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK^{Acetyl} GSKKAVTKVQKKDGKRRKRSRKE
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.48
- ▶ F113278.dat
- ▶ query=q68529_p1
- ▶ precursor=558.049830
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	3095.309	3884.291	0.000	3881.281	P35
D2	230.114	3803.257	3787.238	0.000	3786.230	D34
P3	327.106	3688.250	3672.211	0.000	3671.203	P33
A4	398.203	3591.177	3576.158	0.000	3574.150	A32
K5	536.296	3520.140	3504.121	3856.120	3503.113	K31
S6	613.130	3392.050	3376.030	3377.034	3375.015	S30
A7	684.368	3305.011	3288.994	3290.002	3287.985	A29
P8	781.420	3233.976	3217.957	3218.965	3216.949	P28
A9	852.457	3136.923	3120.904	3121.912	3119.896	A27
P10	949.510	3065.880	3049.867	3050.875	3048.859	P26
K11	1077.895	2998.813	2982.814	2983.822	2981.807	K25
K12	1247.711	2840.740	2824.719	2825.727	2823.711	K24
G13	1304.732	2670.633	2654.614	2655.622	2653.606	G23
S14	1391.764	2611.611	2597.592	2598.600	2596.583	S22
K15	1519.859	2526.570	2510.560	2511.568	2509.551	K21
K16	1647.954	2399.484	2382.465	2383.473	2381.456	K20
A17	1718.991	2270.380	2254.370	2255.378	2253.361	A19
V18	1818.000	2199.352	2183.333	2184.341	2182.325	V18
T19	1919.107	2100.284	2084.265	2085.273	2083.257	T17
K20	2047.202	1999.230	1983.219	1984.225	1982.209	K16
V21	2146.271	1871.141	1855.120	1856.130	1854.114	V15
Q22	2274.230	1772.073	1756.054	1757.062	1755.046	Q14
K23	2462.424	1644.014	1627.995	1629.003	1626.987	K13
R24	2530.519	1515.910	1499.890	1500.908	1498.892	R12
D25	2645.546	1387.824	1371.805	1372.813	1370.796	D11
G26	2702.568	1272.797	1256.778	1257.786	1255.771	G10
K27	2830.663	1215.776	1199.757	1200.765	1198.749	K0
K28	2958.757	1087.681	1071.662	1072.670	1070.654	K9
R29	3114.850	959.586	943.567	944.575	942.559	R7
R30	3212.854	892.483	787.466	786.474	786.458	R0
R31	3399.055	675.390	659.371	660.379	658.363	R5
S32	3486.087	519.289	503.270	504.278	502.262	S4
R33	3642.186	432.257	416.238	417.246	415.230	R3
K34	3770.283	276.155	260.137	261.144	259.129	K2
E35	3899.325	148.060	132.042	133.050	131.034	E1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK^{Acetyl}_{42.01} GSKKAVTKVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.48
- ▶ F113278.dat
- ▶ query=q68529_p1
- ▶ precursor=558.049830
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
F	1	58.047	1950.659	1042.640	0.504	1842.141	P[28]
D	2	115.500	1902.132	1094.123	0.504	1893.610	D[34]
F	3	164.027	1844.618	1186.609	0.504	1838.105	F[33]
A	4	199.605	1796.092	1188.083	0.504	1789.579	A[32]
K	5	263.651	1740.574	1152.564	1753.068	1752.060	K[31]
S	6	307.169	1696.529	1088.517	1689.521	1688.011	S[30]
A	7	352.692	1653.010	1045.500	1646.505	1644.461	A[29]
F	8	391.214	1617.491	1009.482	1609.986	1608.978	F[28]
A	9	436.732	1568.965	1360.958	1561.460	1560.451	A[27]
F	10	475.259	1533.447	1325.437	1525.941	1524.933	F[26]
K	11	539.306	1484.920	1240.911	1477.435	1476.401	K[25]
K	12	624.359	1438.873	1412.863	1413.367	1412.359	K[24]
G	13	652.370	1395.820	1312.341	1328.314	1327.307	G[23]
S	14	666.386	1307.309	1269.330	1269.804	1268.796	S[22]
K	15	760.433	1263.793	1255.784	1256.288	1255.280	K[21]
K	16	824.481	1199.746	1191.736	1192.240	1191.232	K[20]
A	17	859.999	1135.698	1127.689	1128.203	1127.185	A[19]
V	18	895.513	1092.180	1092.180	1092.674	1091.666	V[18]
T	19	960.057	1050.645	1042.636	1043.140	1042.132	T[17]
K	20	1024.105	1000.122	992.112	992.616	991.608	K[16]
V	21	1073.639	936.074	928.065	928.569	927.561	V[15]
Q	22	1137.668	886.540	878.531	879.034	878.027	Q[14]
R	23	1201.716	822.511	814.501	815.005	813.997	R[13]
K	24	1265.763	758.463	750.454	750.958	749.950	K[12]
D	25	1323.277	694.416	686.406	686.910	685.902	D[11]
G	26	1381.297	636.902	628.893	629.397	628.389	G[10]
K	27	1435.815	608.391	600.382	600.886	599.878	K[9]
R	28	1479.862	544.344	536.335	536.839	535.831	R[8]
R	29	1557.873	480.296	472.287	472.791	471.783	R[7]
K	30	1621.980	402.246	394.237	394.740	393.731	K[6]
R	31	1700.011	338.198	330.189	330.693	329.685	R[5]
S	32	1743.547	260.148	252.139	252.642	251.635	S[4]
R	33	1821.598	216.632	208.623	209.126	208.119	R[3]
K	34	1885.645	138.581	130.572	131.076	130.068	K[2]
E	35	1950.156	74.534	66.524	67.028	66.021	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKSAPAPKK^{Acetyl}_{42.01} GSKKAVTKVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=43.48
- ▶ F113278.dat
- ▶ query=q68529_p1
- ▶ precursor=558.049830
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	39.034	1300.775	1295.435	0.672	1295.099	P129
D12	77.376	1268.424	1363.084	0.672	1262.748	D134
F13	109.727	1230.081	1224.742	0.672	1224.406	F133
A14	134.406	1197.730	1192.393	0.672	1192.055	A132
K15	176.104	1174.051	1168.712	1169.048	1168.376	K131
S16	205.215	1131.353	1126.014	1126.349	1125.676	S130
A17	228.794	1102.342	1097.003	1097.338	1096.667	A129
F18	261.145	1079.061	1073.324	1073.660	1072.988	F128
A19	284.624	1046.312	1040.973	1041.309	1040.637	A127
F110	317.175	1022.633	1017.294	1017.630	1016.958	F126
K111	359.873	990.282	984.943	985.279	984.607	K125
K112	416.575	967.594	962.255	962.591	961.919	K124
G113	435.352	930.882	925.543	925.879	925.207	G123
S114	484.593	871.875	866.536	866.872	866.200	S122
K115	507.201	842.865	837.525	837.861	837.189	K121
K116	549.950	800.156	794.827	795.163	794.491	K120
A117	673.669	757.468	752.128	752.464	751.792	A119
V118	698.691	733.782	728.442	728.785	728.113	V118
T119	640.374	700.766	695.426	695.762	695.091	T117
K120	681.072	667.083	661.744	662.080	661.408	K116
V211	718.095	624.385	619.046	619.382	618.710	V115
Q122	756.761	591.362	586.023	586.359	585.687	Q114
K123	801.480	548.676	543.337	543.673	543.001	K113
K124	844.178	505.975	500.635	500.974	500.302	K112
D125	882.520	463.280	457.940	458.276	457.604	D111
G126	901.527	424.937	419.598	419.934	419.262	G110
K127	944.226	405.930	400.590	400.926	400.255	K109
K128	986.924	363.232	357.892	358.228	357.556	K108
R129	1038.958	320.533	315.194	315.530	314.858	R117
K130	1081.656	288.500	283.160	283.496	282.824	K106
R131	1133.690	245.801	240.462	240.798	240.126	R105
S132	1182.700	173.768	168.428	168.764	168.092	S104
R133	1214.734	144.757	139.417	139.753	139.082	R103
K134	1257.432	92.723	87.383	87.720	87.048	K102
E135	1300.447	50.025	44.685	45.021	44.349	E111

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK^{Acetyl} GSKKAVTKVQKKDGGKRRKRSRKE
42.01

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=43.48
- ▶ F113278.dat
- ▶ query=q68529.p1
- ▶ precursor=558.049830
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	975.833	975.823	0.735	975.878	P[15]
D[2]	58.284	951.570	947.560	0.735	947.313	D[14]
P[3]	82.547	922.813	918.803	0.735	918.556	P[13]
A[4]	100.306	898.550	894.540	0.735	894.293	A[12]
K[5]	132.430	880.790	876.786	877.038	876.534	K[11]
S[6]	154.088	848.767	844.762	845.014	844.510	S[30]
A[7]	171.847	827.009	823.004	823.256	822.752	A[29]
P[8]	196.111	809.249	805.243	805.497	804.993	P[28]
A[9]	213.870	784.986	780.982	781.233	780.730	A[27]
P[10]	238.133	767.221	763.222	763.914	763.979	P[26]
K[11]	270.157	742.964	738.959	739.211	738.707	K[25]
K[12]	312.683	710.940	706.935	707.187	706.683	K[24]
G[13]	326.938	668.414	664.409	664.661	664.157	G[23]
S[14]	348.696	654.158	650.154	650.406	649.902	S[22]
K[15]	380.720	632.400	628.396	628.647	628.144	K[21]
K[16]	412.744	600.376	596.372	596.624	596.120	K[20]
A[17]	430.503	568.353	564.348	564.600	564.096	A[19]
V[18]	455.270	550.593	546.589	546.841	546.337	V[18]
T[19]	480.532	525.626	521.622	522.074	521.570	T[17]
K[20]	512.556	500.564	496.560	496.812	496.308	K[16]
V[21]	537.323	468.541	464.536	464.788	464.284	V[15]
Q[22]	569.338	443.774	439.769	440.021	439.517	Q[14]
K[23]	601.362	411.759	407.754	408.006	407.502	K[13]
K[24]	633.385	379.735	375.731	375.982	375.479	K[12]
D[25]	662.142	347.711	343.707	343.959	343.455	D[11]
G[26]	676.397	318.955	314.950	315.202	314.698	G[10]
K[27]	708.421	304.699	300.695	300.947	300.443	K[9]
K[28]	740.445	272.676	268.671	268.923	268.419	K[8]
K[29]	779.470	240.652	236.647	236.899	236.395	K[7]
K[30]	811.494	201.627	197.622	197.874	197.370	K[6]
R[31]	850.519	169.603	165.598	165.850	165.346	R[5]
S[32]	872.277	130.578	126.573	126.825	126.321	S[4]
R[33]	911.302	108.620	104.615	105.067	104.563	R[3]
K[34]	943.326	69.794	65.790	66.042	65.538	K[2]
E[35]	975.587	37.771	33.766	34.018	33.514	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK^{Acetyl}_{42.01} GSKKAVTKVQKKDGKRRKRSRKE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=43.48
- ▶ F113278.dat
- ▶ query=q68529_p1
- ▶ precursor=558.049830
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	23.823	780.889	777.664	0.806	777.462	P[13]
D[2]	46.829	761.457	758.251	0.806	758.052	D[14]
P[3]	56.239	738.452	735.248	0.806	735.046	P[13]
A[4]	80.447	719.041	715.837	0.806	715.636	A[12]
K[5]	106.065	704.834	701.630	701.832	701.428	K[11]
S[6]	123.472	679.215	676.011	676.213	675.809	S[30]
A[7]	137.679	661.808	658.605	658.806	658.603	A[29]
P[8]	157.090	647.601	644.397	644.599	644.196	P[28]
A[9]	171.297	628.190	624.987	625.189	624.785	A[27]
F[10]	180.708	613.983	610.779	610.981	610.578	F[26]
K[11]	218.127	594.572	590.367	591.570	591.167	K[25]
K[12]	250.348	568.953	565.750	565.951	565.548	K[24]
G[13]	261.752	534.932	531.729	531.930	531.527	G[23]
S[14]	279.159	523.526	520.324	520.526	520.123	S[22]
K[15]	304.778	506.122	502.918	503.119	502.716	K[21]
K[16]	330.397	480.503	477.299	477.500	477.097	K[20]
A[17]	344.604	454.884	451.680	451.881	451.478	A[19]
V[18]	364.418	440.676	437.472	437.674	437.271	V[18]
V[19]	384.827	420.963	417.659	417.860	417.457	V[17]
K[20]	410.248	400.553	397.447	397.651	397.246	K[16]
V[21]	430.060	375.034	371.830	372.032	371.629	V[15]
Q[22]	456.672	355.220	352.017	352.218	351.815	Q[14]
K[23]	481.291	329.609	326.405	326.606	326.203	K[13]
K[24]	506.910	303.990	300.786	300.987	300.584	K[12]
D[25]	529.915	278.371	275.167	275.368	274.965	D[11]
G[26]	541.319	255.365	252.161	252.363	251.960	G[10]
K[27]	566.938	243.961	240.757	240.959	240.556	K[9]
K[28]	582.357	218.342	215.138	215.340	214.937	K[9]
K[29]	623.778	192.723	189.519	189.721	189.318	K[1]
K[30]	649.397	161.503	158.299	158.501	158.097	K[0]
R[31]	680.617	135.884	132.680	132.882	132.478	R[9]
S[32]	698.023	104.664	101.460	101.661	101.258	S[4]
R[33]	729.243	87.257	84.053	84.255	83.852	R[3]
K[34]	754.862	56.037	52.833	53.035	52.632	K[2]
E[35]	780.671	30.418	27.214	27.416	27.013	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK^{Acetyl}_{42.01} GSKKAVTKVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=43.48
- ▶ F113278.dat
- ▶ query=q68529.p1
- ▶ precursor=558.049830
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
P	1	20.020	650.891	548.221	0.839	548.053	P	13
D	2	39.192	634.715	632.040	0.839	631.878	D	34
P	3	55.367	615.544	612.875	0.839	612.707	P	33
A	4	67.207	599.369	596.699	0.839	596.531	A	32
K	5	98.556	587.529	584.860	585.028	584.692	K	31
S	6	103.061	566.180	563.510	563.678	563.342	S	30
A	7	114.901	551.675	549.005	549.173	548.837	A	29
P	8	131.076	539.835	537.166	537.334	536.998	P	28
A	9	142.916	523.660	520.990	521.158	520.822	A	27
P	10	159.091	511.520	509.151	509.319	508.983	P	26
K	11	180.440	498.645	492.975	493.143	492.807	K	25
K	12	208.791	474.296	471.626	471.794	471.458	K	24
G	13	218.295	445.945	443.275	443.443	443.107	G	23
S	14	232.600	436.441	433.771	433.939	433.603	S	22
K	15	254.149	421.936	419.266	419.434	419.098	K	21
K	16	275.498	400.587	397.917	398.085	397.749	K	20
A	17	287.338	379.238	376.568	376.736	376.400	A	19
V	18	303.649	367.398	364.728	364.896	364.560	V	18
V	19	320.693	350.891	348.221	348.389	348.049	V	17
K	20	342.040	334.043	331.373	331.541	331.206	K	16
V	21	358.551	312.696	310.026	310.194	309.858	V	15
Q	22	379.894	296.185	293.515	293.683	293.347	Q	14
K	23	401.243	274.842	272.172	272.340	272.004	K	13
K	24	422.593	253.493	250.823	250.991	250.655	K	12
D	25	441.764	232.143	229.474	229.642	229.306	D	11
G	26	451.267	212.972	210.302	210.470	210.134	G	10
K	27	472.616	203.469	200.799	200.967	200.631	K	9
K	28	483.968	182.120	179.450	179.618	179.282	K	9
K	29	519.952	160.770	158.101	158.269	157.933	K	7
K	30	541.132	134.753	132.084	132.252	131.916	K	6
R	31	567.349	113.404	110.735	110.903	110.567	R	5
S	32	581.854	87.387	84.718	84.886	84.550	S	4
R	33	607.871	72.882	70.212	70.380	70.044	R	3
K	34	629.220	46.865	44.196	44.363	44.028	K	2
E	35	650.727	25.516	22.846	23.014	22.679	E	1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.74
- ▶ F113278.dat
- ▶ query=q68532.p1
- ▶ precursor=780.867190
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	115.087	3900.809	3884.291	0.000	3881.281	P 35
D 2	230.114	3801.257	3787.238	0.000	3786.230	D 34
F 3	327.106	3698.230	3672.211	0.000	3671.203	F 33
A 4	398.203	3591.177	3576.158	0.000	3574.150	A 32
K 5	526.298	3520.140	3504.121	3856.120	3503.113	K 31
S 6	617.339	3392.085	3376.066	3377.054	3375.045	S 30
A 7	684.388	3305.013	3288.994	3290.002	3287.985	A 29
F 8	781.420	3233.976	3217.957	3218.965	3216.949	F 28
A 9	852.457	3136.923	3120.904	3121.912	3119.896	A 27
P 10	949.510	3025.886	3049.867	3050.875	3048.859	P 26
K 11	1077.605	2968.832	2952.814	2953.822	2951.807	K 25
K 12	1269.590	2940.786	2924.767	2925.774	2923.758	K 24
Q 13	1262.722	2712.643	2696.624	2697.632	2695.617	Q 23
S 14	1349.754	2655.622	2639.603	2640.611	2638.595	S 22
K 15	1519.859	2606.566	2592.547	2593.554	2591.538	K 21
K 16	1647.954	2398.484	2382.465	2383.473	2381.456	K 20
A 17	1718.991	2270.389	2254.370	2255.378	2253.361	A 19
V 18	1818.006	2199.352	2183.333	2184.341	2182.325	V 18
T 19	1919.107	2100.284	2084.265	2085.273	2083.257	T 17
K 20	2047.202	1999.238	1983.219	1984.225	1982.209	K 16
V 21	2146.271	1871.141	1855.122	1856.130	1854.114	V 15
Q 22	2274.230	1772.073	1756.054	1757.062	1755.046	Q 14
K 23	2462.424	1644.014	1627.995	1629.003	1626.987	K 13
R 24	2530.519	1515.919	1499.900	1500.908	1498.892	R 12
D 25	2645.546	1387.824	1371.805	1372.813	1370.798	D 11
G 26	2702.588	1272.797	1256.778	1257.786	1255.771	G 10
K 27	2830.663	1215.776	1199.757	1200.765	1198.749	K 9
K 28	2958.757	1087.681	1071.662	1072.670	1070.654	K 8
R 29	3114.859	959.586	943.567	944.575	942.559	R 7
R 30	3242.954	803.485	787.466	788.474	786.458	R 6
R 31	3399.055	675.390	659.371	660.379	658.363	R 5
S 32	3486.087	519.289	503.270	504.278	502.262	S 4
R 33	3642.188	432.257	416.238	417.246	415.230	R 3
K 34	3770.283	276.155	260.137	261.144	259.129	K 2
E 35	3899.325	148.060	132.042	133.050	131.034	E 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.74
- ▶ F113278.dat
- ▶ query=q68532.p1
- ▶ precursor=780.867190
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	58.047	1950.058	1942.840	0.504	1942.145	P 35
D 2	115.560	1902.132	1894.123	0.504	1893.010	D 34
F 3	164.087	1844.618	1836.609	0.504	1836.105	F 33
A 4	199.605	1796.092	1788.083	0.504	1787.579	A 32
K 5	263.651	1700.574	1752.564	1753.068	1752.060	K 31
S 6	307.169	1696.526	1688.517	1689.021	1688.013	S 30
A 7	342.687	1653.010	1645.001	1645.505	1644.497	A 29
P 8	391.214	1617.491	1609.482	1609.986	1608.978	P 28
A 9	436.732	1568.965	1560.956	1561.460	1560.452	A 27
P 10	475.250	1533.447	1525.437	1525.941	1524.933	P 26
K 11	539.306	1484.920	1476.911	1477.415	1476.407	K 25
K 12	603.354	1420.871	1412.863	1413.367	1412.359	K 24
G 13	631.894	1395.925	1348.810	1349.320	1348.312	G 23
S 14	675.380	1328.314	1320.305	1320.809	1319.801	S 22
K 15	760.433	1284.796	1276.787	1277.291	1276.283	K 21
K 16	824.481	1199.746	1191.736	1192.240	1191.232	K 20
A 17	859.959	1135.698	1127.689	1128.193	1127.185	A 19
V 18	909.513	1100.180	1092.171	1092.674	1091.666	V 18
V 19	960.057	1050.645	1042.636	1043.140	1042.132	V 17
K 20	1024.105	1000.122	992.112	992.616	991.608	K 16
V 21	1073.639	936.074	928.065	928.569	927.561	V 15
Q 22	1137.668	886.540	878.531	879.034	878.027	Q 14
K 23	1261.716	822.511	814.503	815.005	813.997	K 13
K 24	1295.763	758.463	750.454	750.958	749.950	K 12
D 25	1323.277	694.416	686.406	686.910	685.902	D 11
G 26	1351.787	636.902	628.893	629.397	628.389	G 10
K 27	1415.835	608.391	600.382	600.886	599.878	K 9
K 28	1479.882	544.344	536.335	536.839	535.831	K 8
R 29	1537.933	489.296	477.287	477.791	476.783	R 7
K 30	1621.980	427.240	394.217	394.740	393.732	K 6
R 31	1700.031	198.198	190.189	190.693	189.685	R 5
S 32	1743.547	200.148	252.139	252.642	251.635	S 4
R 33	1821.998	216.632	208.623	209.126	208.119	R 3
K 34	1885.645	138.581	130.572	131.076	130.068	K 2
E 35	1950.166	74.535	66.524	67.028	66.021	E 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=41.74
- ▶ F113278.dat
- ▶ query=q68532.p1
- ▶ precursor=780.867190
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F 1	39.034	1300.775	1295.435	0.672	1295.099	F(3)
D 2	77.376	1293.424	1283.054	0.672	1282.740	D(4)
F 3	159.727	1230.081	1224.742	0.672	1224.400	F(3)
A 4	151.406	1197.730	1192.391	0.672	1192.055	A(3)
K 5	176.104	1174.051	1168.712	1169.048	1168.370	K(3)
S 6	205.215	1131.353	1126.014	1126.340	1125.670	S(3)
A 7	228.794	1102.942	1097.603	1097.930	1099.660	A(2)
F 8	261.145	1079.061	1073.324	1073.600	1072.968	F(2)
A 9	284.634	1046.312	1040.973	1041.309	1040.637	A(2)
F 10	317.175	1022.633	1017.294	1017.630	1016.958	F(2)
K 11	359.873	990.283	984.943	985.279	984.607	K(2)
K 12	402.572	947.584	942.245	942.581	941.909	K(2)
G 13	421.519	904.392	899.546	899.882	899.210	G(2)
S 14	450.589	885.879	880.539	880.875	880.203	S(2)
K 15	507.291	856.868	851.528	851.864	851.191	K(2)
K 16	549.990	800.166	794.827	795.163	794.491	K(2)
A 17	613.669	757.468	752.128	752.464	751.792	A(1)
V 18	658.093	733.789	728.449	728.785	728.111	V(1)
T 19	640.374	700.766	695.426	695.762	695.091	T(1)
K 20	681.072	667.081	661.744	662.080	661.404	K(1)
V 21	718.095	624.385	619.045	619.382	618.710	V(1)
Q 22	758.761	591.362	586.023	586.359	585.687	Q(1)
K 23	801.480	548.676	543.337	543.673	543.001	K(1)
K 24	844.178	505.975	500.635	500.974	500.302	K(1)
D 25	882.520	463.280	457.940	458.276	457.604	D(1)
G 26	901.527	424.937	419.598	419.934	419.262	G(1)
K 27	944.226	405.930	400.590	400.926	400.255	K(1)
K 28	985.924	363.232	357.892	358.228	357.556	K(1)
R 29	1038.958	320.531	315.194	315.530	314.858	R(1)
K 30	1081.656	288.500	283.160	283.496	282.824	K(1)
R 31	1133.690	225.801	220.462	220.798	220.126	R(1)
S 32	1162.700	173.768	168.428	168.764	168.092	S(1)
R 33	1214.734	144.757	139.417	139.753	139.082	R(1)
T 34	1257.432	92.721	87.384	87.720	87.048	T(1)
E 35	1300.447	50.025	44.685	45.021	44.349	E(1)

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=41.74
- ▶ F113278.dat
- ▶ query=q68532.p1
- ▶ precursor=780.867190
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	975.933	971.828	0.755	971.576	P[35]
D[2]	58.284	951.570	947.565	0.755	947.313	D[34]
P[3]	82.547	922.813	918.808	0.755	918.556	P[33]
A[4]	100.306	898.550	894.545	0.755	894.293	A[32]
K[5]	132.330	880.790	876.786	0.770	876.534	K[31]
S[6]	154.088	848.767	844.762	0.845	844.510	S[30]
A[7]	171.847	827.009	823.004	0.823	822.752	A[29]
P[8]	196.111	809.249	805.245	0.805	804.993	P[28]
A[9]	213.870	784.986	780.982	0.781	780.730	A[27]
P[10]	238.133	767.227	763.222	0.763	762.970	P[26]
K[11]	270.157	742.964	738.959	739.211	738.707	K[25]
K[12]	302.180	710.940	706.935	0.707	706.683	K[24]
G[13]	316.436	678.916	674.912	0.675	674.660	G[23]
S[14]	338.194	664.661	660.656	660.908	660.404	S[22]
K[15]	380.720	642.903	638.898	0.639	638.646	K[21]
K[16]	412.744	600.376	596.372	0.596	596.120	K[20]
A[17]	430.503	568.353	564.348	0.564	564.096	A[19]
V[18]	455.270	550.593	546.589	0.546	546.337	V[18]
T[19]	480.532	525.826	521.822	0.522	521.570	T[17]
K[20]	512.556	500.364	496.360	0.496	496.308	K[16]
V[21]	537.323	469.341	464.336	0.464	464.284	V[15]
Q[22]	569.338	443.774	439.769	0.440	439.517	Q[14]
K[23]	601.362	411.759	407.754	0.408	407.502	K[13]
K[24]	633.385	379.735	375.731	0.375	375.479	K[12]
D[25]	662.142	347.711	343.707	0.343	343.455	D[11]
G[26]	676.397	318.955	314.950	0.315	314.698	G[10]
K[27]	708.421	304.699	300.695	0.300	300.443	K[9]
K[28]	740.445	272.676	268.671	0.268	268.419	K[8]
R[29]	779.470	240.652	236.647	0.236	236.395	R[7]
K[30]	811.494	201.627	197.622	0.197	197.370	K[6]
K[31]	850.519	169.603	165.598	0.165	165.346	K[5]
S[32]	872.277	130.978	126.973	0.126	126.721	S[4]
R[33]	911.302	108.820	104.815	0.105	104.563	R[3]
K[34]	943.326	89.794	85.790	0.085	85.538	K[2]
E[35]	975.587	37.771	33.766	0.034	33.514	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.33
- ▶ F113278.dat
- ▶ query=q68535.p1
- ▶ precursor=650.890830
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	115.087	3900.809	8884.291	0.000	3881.281	P 35
D 2	230.114	3801.257	3787.238	0.000	3786.230	D 34
F 3	327.106	3698.230	3672.211	0.000	3671.203	F 33
A 4	398.203	3591.177	3575.158	0.000	3574.150	A 32
K 5	526.298	3520.140	3504.121	3836.120	3503.113	K 31
S 6	617.339	3392.085	3376.066	3377.054	3375.015	S 30
A 7	684.388	3305.013	3288.994	3290.002	3287.985	A 29
F 8	781.420	3233.976	3217.957	3218.965	3216.949	F 28
A 9	852.457	3136.923	3120.904	3121.912	3119.896	A 27
P 10	949.510	3065.886	3049.867	3050.875	3048.859	P 26
K 11	1077.805	2998.832	2982.814	2983.822	2981.807	K 25
K 12	1205.700	2930.786	2914.767	2915.774	2913.758	K 24
Q 13	1262.722	2772.643	2696.624	2697.632	2695.617	Q 23
S 14	1349.754	2655.622	2639.603	2640.611	2638.595	S 22
K 15	1519.859	2568.590	2552.571	2553.579	2551.563	K 21
K 16	1647.954	2398.484	2382.465	2383.473	2381.458	K 20
A 17	1718.991	2270.389	2254.370	2255.378	2253.363	A 19
V 18	1818.060	2199.352	2183.333	2184.341	2182.325	V 18
T 19	1919.107	2100.284	2084.265	2085.273	2083.257	T 17
K 20	2047.202	1999.239	1983.219	1984.225	1982.209	K 16
V 21	2146.271	1871.141	1855.122	1856.130	1854.114	V 15
Q 22	2274.239	1772.073	1756.054	1757.062	1755.046	Q 14
K 23	2462.424	1644.016	1627.997	1629.003	1626.987	K 13
K 24	2530.319	1515.919	1499.900	1500.908	1498.892	K 12
D 25	2645.546	1387.824	1371.805	1372.813	1370.798	D 11
G 26	2702.568	1272.797	1256.778	1257.786	1255.771	G 10
K 27	2830.663	1215.776	1199.757	1200.765	1198.749	K 9
K 28	2958.757	1087.681	1071.662	1072.670	1070.654	K 8
K 29	3114.859	959.586	943.567	944.575	942.559	K 7
R 30	3212.854	803.485	787.466	788.474	786.458	R 6
R 31	3399.055	675.390	659.371	660.379	658.363	R 5
S 32	3486.087	519.289	503.270	504.278	502.262	S 4
R 33	3642.188	432.257	416.238	417.246	415.230	R 3
K 34	3770.283	276.155	260.137	261.144	259.129	K 2
E 35	3899.325	148.060	132.042	133.050	131.034	E 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.33
- ▶ F113278.dat
- ▶ query=q68535.p1
- ▶ precursor=650.890830
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#±1	#±2	z	AA	
P	1	58.047	1926.658	1042.640	0.504	1842.141	P[28]
D	2	135.500	1902.132	1894.123	0.504	1893.610	D[34]
F	3	164.087	1844.618	1836.609	0.504	1838.105	F[33]
A	4	199.605	1796.092	1788.083	0.504	1789.570	A[32]
K	5	263.651	1760.574	1752.564	1753.068	1752.060	K[31]
S	6	307.169	1696.526	1688.517	1689.021	1688.013	S[30]
A	7	352.069	1653.010	1645.001	1645.505	1644.497	A[29]
F	8	391.214	1617.491	1609.482	1609.986	1608.978	F[28]
A	9	436.732	1568.965	1560.956	1561.460	1560.452	A[27]
P	10	475.250	1533.447	1525.437	1525.941	1524.933	P[26]
K	11	529.368	1484.920	1476.911	1477.415	1476.407	K[25]
K	12	603.354	1438.873	1431.863	1431.367	1431.359	K[24]
G	13	631.804	1390.825	1382.816	1383.320	1382.312	G[23]
S	14	675.380	1328.314	1320.305	1320.809	1319.801	S[22]
K	15	760.433	1264.798	1256.789	1257.293	1256.285	K[21]
K	16	824.481	1199.746	1191.736	1192.240	1191.232	K[20]
A	17	869.999	1155.698	1127.689	1128.193	1127.185	A[19]
V	18	909.533	1102.180	1092.170	1092.674	1091.666	V[18]
T	19	960.057	1050.645	1042.636	1043.140	1042.132	T[17]
K	20	1024.105	1000.122	992.112	992.616	991.608	K[16]
V	21	1073.630	936.074	928.065	928.569	927.561	V[15]
Q	22	1137.668	886.540	878.531	879.034	878.027	Q[14]
K	23	1201.716	828.513	814.503	815.005	814.997	K[13]
K	24	1255.153	758.463	750.454	750.958	749.950	K[12]
D	25	1323.277	694.416	686.406	686.910	685.902	D[11]
G	26	1351.787	636.902	628.893	629.397	628.389	G[10]
K	27	1415.835	608.391	600.382	600.886	599.878	K[9]
K	28	1479.882	544.344	536.335	536.839	535.831	K[8]
R	29	1557.819	480.296	472.287	472.791	471.783	R[7]
K	30	1621.980	402.246	394.237	394.740	393.731	K[6]
R	31	1700.011	338.198	330.189	330.691	329.683	R[5]
S	32	1743.547	260.148	252.139	252.642	251.635	S[4]
K	33	1821.598	216.632	208.623	209.126	208.119	K[3]
K	34	1889.649	138.581	130.572	131.076	130.068	K[2]
E	35	1950.156	74.534	66.524	67.028	66.021	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.33
- ▶ F113278.dat
- ▶ query=q68535.p1
- ▶ precursor=650.890830
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	38.034	1300.775	1295.435	0.672	1295.092	P 35
D 2	77.376	1268.434	1263.084	0.672	1262.748	D 34
F 3	109.727	1230.081	1224.740	0.672	1224.408	F 33
A 4	133.408	1197.730	1192.391	0.672	1192.055	A 32
K 5	176.104	1174.051	1168.712	1169.048	1168.376	K 31
S 6	209.119	1131.383	1125.034	1128.349	1125.678	S 30
A 7	228.794	1102.342	1097.003	1097.339	1096.667	A 29
P 8	261.145	1078.663	1073.324	1073.660	1072.988	P 28
A 9	284.824	1046.312	1040.973	1041.309	1040.637	A 27
P 10	317.375	1022.633	1017.304	1017.630	1016.958	P 26
K 11	359.873	990.283	984.943	985.279	984.607	K 25
K 12	402.572	947.584	942.245	942.581	941.909	K 24
G 13	421.579	904.886	899.546	899.882	899.210	G 23
S 14	450.589	885.879	880.539	880.875	880.203	S 22
K 15	507.201	856.868	851.529	851.864	851.193	K 21
K 16	549.990	830.166	794.827	795.163	794.491	K 20
A 17	573.809	797.468	792.128	792.464	751.792	A 19
V 18	608.093	733.789	728.449	728.785	728.113	V 18
T 19	640.374	700.769	695.430	695.762	695.091	T 17
K 20	683.072	667.083	661.744	662.080	661.408	K 16
V 21	716.095	624.385	619.046	619.382	618.710	V 15
Q 22	756.781	591.362	586.023	586.359	585.687	Q 14
K 23	801.480	548.076	543.737	543.072	542.401	K 13
K 24	844.178	505.078	500.739	500.074	500.402	K 12
D 25	882.520	463.280	457.940	458.276	457.604	D 11
G 26	901.527	424.937	419.598	419.934	419.262	G 10
K 27	944.226	405.930	400.590	400.926	400.255	K 9
K 28	988.024	363.232	357.892	358.228	357.556	K 8
T 29	1038.858	320.533	315.194	315.530	314.858	T 7
K 30	1081.656	288.520	283.180	283.496	282.824	K 6
R 31	1133.690	225.001	220.462	220.798	220.126	R 5
S 32	1162.700	173.768	168.428	168.764	168.092	S 4
R 33	1214.734	144.757	139.417	139.753	139.082	R 3
K 34	1257.432	92.721	87.384	87.720	87.048	K 2
E 35	1300.447	50.025	44.685	45.021	44.349	E 1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=46.33
- ▶ F113278.dat
- ▶ query=q68535.p1
- ▶ precursor=650.890830
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
P[1]	29.527	975.813	971.828	0.735	971.576	P[15]
D[2]	58.284	951.570	947.567	0.735	947.313	D[34]
P[3]	82.547	922.813	918.808	0.735	918.556	P[13]
A[4]	100.306	898.556	894.545	0.735	894.293	A[32]
K[5]	132.430	880.790	876.786	877.038	876.534	K[31]
S[6]	154.088	848.767	844.762	845.014	844.510	S[30]
A[7]	171.847	827.009	823.004	823.256	822.752	A[29]
P[8]	196.111	809.249	805.243	805.497	804.993	P[28]
A[9]	213.870	784.986	780.982	781.233	780.730	A[27]
P[10]	238.133	767.227	763.222	763.474	762.970	P[26]
K[11]	270.157	742.964	738.959	739.211	738.707	K[25]
K[12]	302.180	710.940	706.935	707.187	706.683	K[24]
G[13]	316.436	678.916	674.912	675.164	674.660	G[23]
S[14]	338.194	664.661	660.656	660.908	660.404	S[22]
K[15]	380.720	642.903	638.898	639.150	638.646	K[21]
K[16]	412.744	600.376	596.372	596.624	596.120	K[20]
A[17]	430.503	568.353	564.348	564.600	564.096	A[19]
V[18]	455.270	550.593	546.589	546.841	546.337	V[18]
T[19]	480.532	535.626	529.622	529.874	529.370	T[17]
K[20]	512.556	500.564	496.560	496.812	496.308	K[16]
V[21]	537.323	468.541	464.536	464.788	464.284	V[15]
Q[22]	569.338	443.774	439.769	440.021	439.517	Q[14]
K[23]	601.362	411.759	407.754	408.006	407.502	K[13]
K[24]	633.385	379.735	375.731	375.982	375.479	K[12]
D[25]	662.142	347.711	343.707	343.959	343.455	D[11]
G[26]	676.397	318.955	314.950	315.202	314.698	G[10]
K[27]	708.421	304.699	300.695	300.947	300.443	K[9]
K[28]	740.445	272.676	268.671	268.923	268.419	K[8]
K[29]	779.470	240.652	236.647	236.899	236.395	K[7]
K[30]	811.494	201.627	197.622	197.874	197.370	K[6]
R[31]	850.519	169.603	165.598	165.850	165.346	R[5]
S[32]	872.277	130.578	126.573	126.825	126.321	S[4]
R[33]	911.302	108.620	104.615	105.067	104.563	R[3]
K[34]	943.326	69.794	65.790	66.042	65.538	K[2]
E[35]	975.587	37.771	33.766	34.018	33.514	E[1]

sp | Q64525 | H2B2B_MOUSE

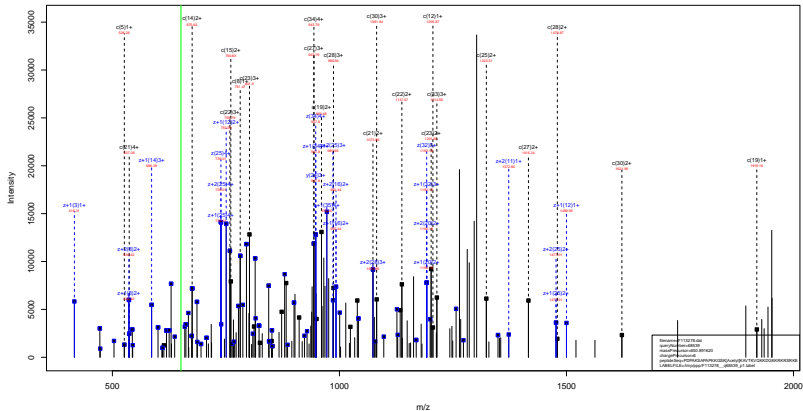
PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=46.33
- ▶ F113278.dat
- ▶ query=q68535.p1
- ▶ precursor=650.890830
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	23.023	780.868	777.664	0.806	777.462	P[35]
D[2]	46.629	761.457	758.253	0.806	758.052	D[34]
P[3]	66.239	738.452	735.248	0.806	735.046	P[33]
A[4]	80.447	719.041	715.837	0.806	715.636	A[32]
K[5]	106.065	704.834	701.630	701.832	701.428	K[31]
S[6]	123.472	679.215	676.011	676.213	675.809	S[30]
A[7]	137.679	661.808	658.605	658.806	658.403	A[29]
P[8]	157.090	647.601	644.397	644.599	644.196	P[28]
A[9]	171.297	628.190	624.987	625.188	624.785	A[27]
P[10]	189.708	613.983	610.779	610.981	610.578	P[26]
K[11]	216.327	594.572	591.369	591.570	591.167	K[25]
K[12]	241.946	568.953	565.750	565.951	565.548	K[24]
G[13]	253.390	543.334	540.131	540.332	539.929	G[23]
S[14]	270.757	531.930	528.726	528.928	528.525	S[22]
K[15]	304.778	514.524	511.320	511.522	511.118	K[21]
K[16]	330.397	480.503	477.299	477.500	477.097	K[20]
A[17]	344.604	454.884	451.680	451.881	451.478	A[19]
V[18]	364.418	440.676	437.472	437.674	437.271	V[18]
T[19]	384.627	420.863	417.659	417.860	417.457	T[17]
K[20]	410.246	400.853	397.449	397.651	397.248	K[16]
V[21]	430.690	375.034	371.830	372.032	371.629	V[15]
Q[22]	455.672	355.220	352.017	352.218	351.815	Q[14]
K[23]	481.291	329.600	326.405	326.606	326.203	K[13]
K[24]	506.910	303.990	300.786	300.987	300.584	K[12]
D[25]	529.915	278.371	275.167	275.368	274.965	D[11]
G[26]	541.319	255.365	252.161	252.363	251.960	G[10]
K[27]	566.938	243.961	240.757	240.959	240.556	K[9]
K[28]	592.557	218.342	215.138	215.340	214.937	K[8]
R[29]	623.778	192.723	189.519	189.721	189.318	R[7]
K[30]	649.397	161.503	158.299	158.501	158.097	K[6]
K[31]	680.617	135.884	132.680	132.882	132.478	K[5]
S[32]	698.223	104.664	101.460	101.661	101.258	S[4]
K[33]	729.343	87.257	84.053	84.255	83.852	K[3]
K[34]	754.862	58.037	52.833	53.035	52.632	K[2]
E[35]	780.671	30.418	27.214	27.416	27.013	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK ^{Acetyl} 42.01 KAVTKVQKKDGKKRKRSRKE



sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.92
- ▶ F113278.dat
- ▶ query=q68539_p1
- ▶ precursor=650.891620
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	3900.309	3854.201	0.000	3883.283	P[35]
D[2]	230.114	3803.257	3787.238	0.000	3786.230	D[34]
F[3]	337.166	3668.238	3632.211	0.000	3631.203	F[33]
A[4]	398.203	3591.177	3575.158	0.000	3574.150	A[32]
K[5]	526.298	3520.140	3504.121	3508.129	3503.113	K[31]
S[6]	613.330	3392.049	3378.036	3377.034	3375.013	S[30]
A[7]	684.368	3325.013	3288.994	3290.002	3287.986	A[29]
P[8]	781.420	3233.976	3217.957	3218.965	3210.948	P[28]
A[9]	852.457	3136.927	3120.904	3121.912	3119.899	A[27]
P[10]	949.510	3065.890	3049.867	3050.875	3048.859	P[26]
K[11]	1077.805	2968.832	2952.814	2953.822	2951.803	K[25]
K[12]	1205.700	2840.738	2824.719	2825.727	2823.711	K[24]
G[13]	1302.722	2712.643	2696.624	2697.632	2695.617	G[23]
S[14]	1349.754	2655.622	2639.603	2640.611	2638.595	S[22]
K[15]	1519.859	2568.566	2552.571	2553.579	2551.561	K[21]
K[16]	1647.954	2398.484	2382.485	2383.473	2381.458	K[20]
A[17]	1718.991	2270.389	2254.370	2255.378	2253.363	A[19]
V[18]	1818.060	2199.352	2183.333	2184.341	2182.325	V[18]
T[19]	1919.107	2100.284	2084.265	2085.273	2083.257	T[17]
K[20]	2047.202	1999.238	1983.217	1984.225	1982.209	K[16]
V[21]	2146.271	1871.141	1855.122	1856.130	1854.114	V[15]
Q[22]	2274.320	1772.073	1756.054	1757.062	1755.046	Q[14]
R[23]	2402.424	1644.014	1627.995	1628.003	1626.987	R[13]
K[24]	2530.519	1515.915	1499.900	1500.908	1498.892	K[12]
D[25]	2645.546	1387.824	1371.805	1372.813	1370.798	D[11]
G[26]	2702.568	1272.797	1256.778	1257.786	1255.771	G[10]
K[27]	2830.663	1215.778	1199.757	1200.765	1198.749	K[9]
K[28]	2958.757	1087.681	1071.672	1072.670	1070.654	K[8]
R[29]	3114.859	959.588	943.567	944.575	942.559	R[7]
K[30]	3242.954	833.485	787.466	788.474	786.458	K[6]
R[31]	3399.055	675.390	659.371	660.379	658.361	R[5]
S[32]	3486.087	619.289	503.270	504.278	502.262	S[4]
R[33]	3642.188	432.257	416.238	417.246	415.230	R[3]
K[34]	3770.283	276.155	260.137	261.144	259.129	K[2]
E[35]	3889.325	148.060	132.042	133.050	131.034	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKGKRRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.92
- ▶ F113278.dat
- ▶ query=q68539_p1
- ▶ precursor=650.891620
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	±1	±2	z	AA
P1	58.047	1050.659	1042.640	0.504	1042.141	P19
D2	135.500	1002.132	1004.123	0.504	1003.610	D34
F3	164.087	1044.618	1036.609	0.504	1038.105	F33
A4	199.605	1196.092	1188.083	0.504	1189.570	A32
K5	263.651	1760.574	1752.564	1753.068	1752.060	K31
S6	307.169	1696.529	1688.517	1689.021	1688.011	S30
A7	352.687	1953.010	1945.001	1945.505	1944.491	A29
F8	391.214	1017.491	1009.482	1009.986	1008.978	F28
A9	436.732	1568.965	1560.956	1561.460	1560.451	A27
P10	475.259	1533.447	1525.437	1525.941	1524.933	P26
K11	539.306	1484.920	1476.911	1477.415	1476.407	K25
K12	603.354	1420.873	1412.863	1413.367	1412.359	K24
G13	631.894	1336.925	1348.816	1349.320	1348.312	G23
S14	675.380	1328.314	1320.305	1320.809	1319.801	S22
K15	760.433	1284.798	1276.789	1277.293	1276.285	K21
K16	824.481	1199.746	1191.736	1192.240	1191.232	K20
A17	859.999	1135.098	1127.088	1128.193	1127.185	A19
V18	909.533	1100.180	1092.170	1092.674	1091.666	V18
T19	960.057	1050.645	1042.636	1043.140	1042.132	T17
K20	1024.105	1000.122	992.112	992.616	991.608	K16
V21	1073.639	936.074	928.065	928.569	927.561	V15
Q22	1137.668	898.540	890.531	879.034	897.027	Q14
R23	1201.716	822.511	814.501	815.005	813.997	R13
K24	1255.153	758.463	750.454	750.958	749.950	K12
D25	1323.277	694.018	686.406	686.910	685.902	D11
G26	1361.707	636.902	628.893	629.397	628.389	G10
K27	1415.835	608.391	600.382	600.886	599.878	K9
K28	1479.882	544.344	536.335	536.839	535.831	K8
R29	1517.018	480.206	472.207	472.711	471.703	R17
K30	1621.980	402.246	394.237	394.740	393.733	K6
R31	1700.011	338.198	330.189	330.693	329.685	R5
S32	1743.547	260.148	252.139	252.642	251.635	S4
R33	1821.598	216.632	208.623	209.126	208.119	R3
K34	1889.649	138.561	130.552	131.056	130.048	K2
E35	1950.106	74.534	66.524	67.028	66.021	E1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.92
- ▶ F113278.dat
- ▶ query=q68539_p1
- ▶ precursor=650.891620
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	±1	±2	z	AA
F 1	39.034	1300.775	1295.435	0.672	1295.099	F(3)
D 2	77.376	1268.424	1263.084	0.672	1262.748	D(4)
F 3	199.727	1230.081	1224.742	0.672	1224.406	F(3)
A 4	134.406	1197.730	1192.391	0.672	1192.055	A(3)
K 5	176.104	1174.051	1168.712	1169.048	1168.376	K(3)
S 6	205.215	1134.353	1129.014	1134.349	1128.678	S(6)
A 7	228.794	1102.342	1097.003	1097.339	1096.667	A(2)
F 8	261.145	1078.663	1073.324	1073.660	1072.988	F(2)
A 9	284.634	1046.312	1040.973	1041.309	1040.637	A(2)
F 10	317.175	1022.633	1017.294	1017.630	1016.958	F(2)
K 11	359.873	990.283	984.943	985.279	984.607	K(2)
K 12	402.572	947.584	942.245	942.581	941.909	K(4)
G 13	421.519	904.935	899.546	899.882	899.210	G(2)
S 14	450.589	885.879	880.539	880.875	880.203	S(2)
K 15	507.201	856.968	851.528	851.864	851.193	K(2)
K 16	549.990	800.156	794.827	795.163	794.491	K(2)
A 17	673.669	757.466	752.127	752.464	751.792	A(1)
V 18	698.093	733.789	728.449	728.785	728.113	V(1)
T 19	640.374	700.766	695.426	695.762	695.091	T(1)
K 20	683.072	667.083	661.744	662.080	661.408	K(1)
V 21	718.095	624.385	619.046	619.382	618.710	V(1)
Q 22	758.781	591.362	586.023	586.359	585.687	Q(4)
K 23	801.480	548.676	543.337	543.673	543.001	K(3)
K 24	844.178	505.975	500.636	500.974	500.302	K(2)
D 25	882.520	463.280	457.940	458.276	457.604	D(1)
G 26	901.527	424.937	419.598	419.934	419.262	G(1)
K 27	944.226	405.930	400.590	400.926	400.255	K(9)
K 28	985.924	363.232	357.892	358.228	357.556	K(8)
R 29	1038.958	320.533	315.194	315.530	314.858	R(7)
K 30	1081.656	288.500	283.160	283.496	282.824	K(6)
R 31	1133.690	225.801	220.462	220.798	220.126	R(5)
S 32	1182.700	173.768	168.428	168.764	168.092	S(4)
K 33	1214.734	144.757	139.417	139.753	139.082	K(3)
K 34	1257.433	92.723	87.384	87.720	87.048	K(2)
E 35	1300.447	50.025	44.685	45.021	44.349	E(1)

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=42.92
- ▶ F113278.dat
- ▶ query=q68539.p1
- ▶ precursor=650.891620
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	975.833	971.828	0.735	971.376	P[15]
D[2]	58.284	951.570	947.565	0.735	947.313	D[14]
P[3]	82.547	922.813	918.808	0.735	918.556	P[13]
A[4]	100.306	898.550	894.545	0.735	894.293	A[12]
K[5]	132.430	880.790	876.786	877.038	876.534	K[11]
S[6]	154.088	848.767	844.762	845.014	844.510	S[30]
A[7]	171.847	827.009	823.004	823.256	822.752	A[29]
P[8]	196.111	809.249	805.243	805.497	804.993	P[28]
A[9]	213.870	784.986	780.982	781.233	780.730	A[27]
T[10]	238.133	767.221	763.222	763.474	762.970	T[26]
K[11]	270.157	742.964	738.959	739.211	738.707	K[25]
K[12]	302.180	710.940	706.935	707.187	706.683	K[24]
G[13]	316.436	678.916	674.912	675.164	674.660	G[23]
S[14]	338.194	664.661	660.656	660.908	660.404	S[22]
K[15]	380.720	642.903	638.898	639.150	638.646	K[21]
K[16]	412.744	600.376	596.372	596.624	596.120	K[20]
A[17]	430.503	568.353	564.348	564.600	564.096	A[19]
V[18]	455.270	550.593	546.589	546.841	546.337	V[18]
T[19]	480.532	525.826	521.822	522.074	521.570	T[17]
K[20]	512.556	500.564	496.560	496.812	496.308	K[16]
V[21]	537.323	468.541	464.536	464.788	464.284	V[15]
Q[22]	569.338	443.774	439.769	440.021	439.517	Q[14]
K[23]	601.362	411.759	407.754	408.006	407.502	K[13]
K[24]	633.385	379.735	375.731	375.982	375.479	K[12]
D[25]	662.142	347.711	343.707	343.959	343.455	D[11]
G[26]	676.397	318.955	314.950	315.202	314.698	G[10]
K[27]	708.421	304.699	300.695	300.947	300.443	K[9]
K[28]	740.445	272.676	268.671	268.923	268.419	K[8]
K[29]	779.470	240.652	236.647	236.899	236.395	K[7]
K[30]	811.494	201.627	197.622	197.874	197.370	K[6]
R[31]	850.519	169.603	165.598	165.850	165.346	R[5]
S[32]	872.277	130.578	126.573	126.825	126.321	S[4]
R[33]	911.302	108.620	104.615	105.067	104.563	R[3]
K[34]	943.326	69.794	65.790	66.042	65.538	K[2]
E[35]	975.587	37.771	33.766	34.018	33.514	E[1]

sp | Q64525 | H2B2B_MOUSE

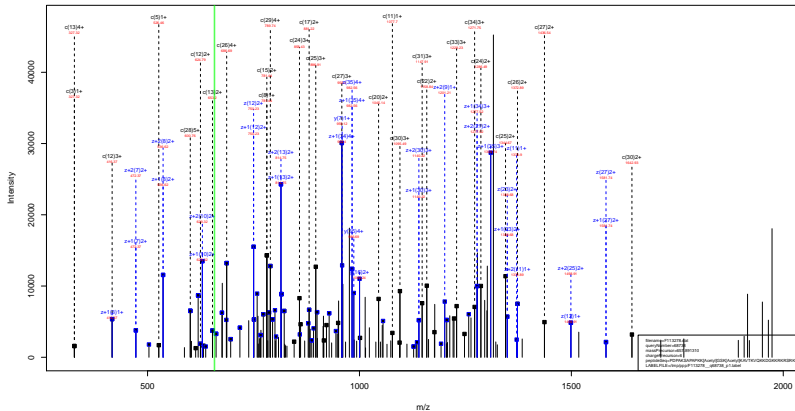
PDKASAPAPKKGSK^{Acetyl}_{42.01} KAVTKVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=42.92
- ▶ F113278.dat
- ▶ query=q68539_p1
- ▶ precursor=650.891620
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	23.821	780.898	777.664	0.806	777.662	P[35]
D[2]	46.829	761.457	758.253	0.806	758.052	D[34]
P[3]	66.239	738.452	735.248	0.806	735.046	P[33]
A[4]	80.447	719.041	715.837	0.806	715.636	A[32]
K[5]	106.065	704.834	701.630	701.832	701.428	K[31]
S[6]	123.472	679.215	676.011	676.213	675.809	S[30]
A[7]	137.679	661.808	658.605	658.806	658.403	A[29]
P[8]	157.090	647.601	644.397	644.599	644.196	P[28]
A[9]	171.297	628.190	624.987	625.188	624.785	A[27]
P[10]	180.708	613.983	610.779	610.981	610.578	P[26]
K[11]	216.327	594.572	591.369	591.570	591.167	K[25]
K[12]	241.946	568.953	565.750	565.951	565.548	K[24]
G[13]	251.350	543.334	540.131	540.332	539.929	G[23]
S[14]	270.757	531.930	528.726	528.928	528.525	S[22]
K[15]	304.778	514.524	511.320	511.522	511.118	K[21]
K[16]	330.397	480.503	477.299	477.500	477.097	K[20]
A[17]	344.604	454.884	451.680	451.881	451.478	A[19]
V[18]	364.418	440.676	437.472	437.674	437.271	V[18]
T[19]	384.627	420.863	417.659	417.860	417.457	T[17]
K[20]	410.246	400.553	397.449	397.651	397.248	K[16]
V[21]	430.060	375.034	371.830	372.032	371.629	V[15]
Q[22]	455.672	355.220	352.017	352.218	351.815	Q[14]
K[23]	481.291	329.609	326.405	326.606	326.203	K[13]
K[24]	506.910	303.990	300.786	300.987	300.584	K[12]
D[25]	529.915	278.371	275.167	275.368	274.965	D[11]
G[26]	541.319	255.365	252.161	252.363	251.960	G[10]
K[27]	566.938	243.961	240.757	240.959	240.556	K[9]
K[28]	592.557	218.342	215.138	215.340	214.937	K[8]
R[29]	623.778	192.723	189.519	189.721	189.318	R[7]
K[30]	649.397	164.503	158.299	158.501	158.097	K[6]
R[31]	680.617	139.884	132.680	132.882	132.478	R[5]
S[12]	698.023	104.664	101.460	101.661	101.258	S[4]
R[33]	729.243	87.257	84.053	84.255	83.852	R[3]
K[34]	754.862	56.037	52.833	53.035	52.632	K[2]
E[35]	780.671	30.418	27.214	27.416	27.013	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVTKVQKKDGGKRRSRKE



sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVTKVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.08
- ▶ F113278.dat
- ▶ query=q68738.p1
- ▶ precursor=657.891310
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	3942.525	3926.301	0.000	3925.291	P35
D2	230.114	3845.267	3829.248	0.000	3828.241	D34
P3	327.166	3730.240	3714.222	0.000	3713.214	P33
A4	398.203	3633.187	3617.169	0.000	3616.161	A32
K5	538.298	3502.150	3486.132	3587.130	3545.124	K31
S6	613.130	3434.055	3418.037	3419.085	3417.029	S30
A7	684.388	3347.023	3331.005	3332.012	3329.997	A29
F8	781.420	3275.985	3259.968	3280.975	3258.960	F28
A9	852.457	3178.933	3162.915	3163.923	3161.907	A27
P10	949.510	3107.896	3091.878	3092.885	3090.870	P26
K11	1077.895	3030.844	2994.825	2995.833	2993.811	K25
K12	1247.711	2982.740	2966.720	2967.728	2965.721	K24
G13	1304.732	2712.643	2696.624	2697.632	2695.611	G23
S14	1391.764	2655.622	2639.603	2640.611	2638.595	S22
K15	1561.870	2568.590	2552.571	2553.579	2551.561	K21
K16	1689.905	2398.484	2382.465	2383.473	2381.455	K20
A17	1761.002	2270.389	2254.370	2255.378	2253.361	A19
V18	1860.078	2199.352	2183.333	2184.341	2182.323	V18
T19	1961.118	2100.284	2084.265	2085.273	2083.257	T17
K20	2089.213	1999.238	1983.219	1984.225	1982.208	K16
V21	2188.281	1871.141	1855.122	1856.130	1854.114	V15
Q22	2316.340	1772.073	1756.054	1757.062	1755.046	Q14
K23	2444.435	1644.014	1627.995	1629.003	1627.987	K13
K24	2572.530	1515.919	1499.900	1500.908	1498.892	K12
D25	2687.557	1387.824	1371.805	1372.813	1370.798	D11
G26	2744.578	1272.797	1256.778	1257.786	1255.771	G10
K27	2872.673	1175.716	1159.697	1200.765	1168.749	K10
K28	3000.768	1087.681	1071.662	1072.670	1070.654	K9
K29	3156.869	959.586	943.567	944.575	942.559	K7
R30	3284.954	803.485	787.466	788.474	786.458	R10
R31	3441.065	675.390	659.371	660.379	658.361	R5
S32	3528.097	519.289	503.270	504.278	502.262	S4
R33	3684.198	432.257	416.238	417.246	415.230	R3
K34	3812.293	276.155	260.137	261.144	259.129	K2
E35	3941.336	148.060	132.042	133.050	131.034	E1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVTKVQKKDKGKRRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.08
- ▶ F113278.dat
- ▶ query=q68738.p1
- ▶ precursor=657.891310
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
F	1	58.047	1071.654	1063.654	0.504	1063.150	F[29]
D	2	135.500	1023.137	1015.138	0.504	1014.624	D[34]
F	3	164.087	1065.624	1057.614	0.504	1057.110	F[33]
A	4	199.605	1017.091	1009.088	0.504	1008.584	A[32]
K	5	263.653	1781.579	1773.566	1774.073	1773.060	K[31]
S	6	307.169	1747.533	1739.522	1740.026	1739.010	S[30]
A	7	352.069	1074.015	1066.008	1066.510	1065.500	A[29]
F	8	391.214	1038.497	1030.487	1030.991	1029.981	F[28]
A	9	436.732	1589.970	1581.961	1582.465	1581.457	A[27]
F	10	475.250	1554.452	1546.442	1546.946	1545.930	F[26]
K	11	507.304	1505.925	1497.915	1498.420	1497.412	K[25]
K	12	634.359	1844.878	1833.909	1834.413	1833.395	K[24]
G	13	652.870	1336.925	1348.816	1349.320	1348.312	G[23]
S	14	696.386	1328.314	1320.305	1320.809	1319.801	S[22]
K	15	761.438	1284.768	1276.760	1277.263	1276.260	K[21]
K	16	845.486	1309.740	1301.736	1192.740	1191.252	K[20]
A	17	881.005	1135.698	1127.689	1128.193	1127.185	A[19]
V	18	903.539	1100.150	1092.140	1092.644	1091.650	V[18]
T	19	981.063	1050.645	1042.636	1043.140	1042.132	T[17]
K	20	1045.110	1000.122	992.112	992.616	991.601	K[16]
V	21	1094.644	936.074	928.065	928.569	927.561	V[15]
Q	22	1158.674	898.540	878.531	879.034	878.027	Q[14]
R	23	1222.721	822.511	814.501	815.005	813.999	R[13]
K	24	1286.768	758.463	750.454	750.958	749.950	K[12]
D	25	1344.282	694.418	686.406	686.910	685.902	D[11]
G	26	1372.793	636.902	628.893	629.397	628.390	G[10]
K	27	1436.840	608.391	600.382	600.886	599.878	K[9]
K	28	1505.889	444.344	536.335	536.839	535.831	K[8]
R	29	1578.938	480.290	472.287	472.791	471.781	R[7]
K	30	1642.986	402.246	394.237	394.740	393.731	K[6]
R	31	1721.036	338.198	330.189	330.693	329.685	R[5]
S	32	1794.552	260.148	252.139	252.642	251.635	S[4]
K	33	1842.603	216.632	208.623	209.126	208.119	K[3]
K	34	1908.660	138.561	130.552	131.056	130.048	K[2]
E	35	1971.172	74.534	66.524	67.028	66.021	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVTKVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=39.08
- ▶ F113278.dat
- ▶ query=q68738_p1
- ▶ precursor=657.891310
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	30.034	1314.778	1309.439	0.672	1309.103	P 35
D 2	77.376	1262.427	1277.088	0.672	1276.752	D 34
P 3	106.727	1244.085	1238.745	0.672	1238.409	P 33
A 4	133.408	1211.734	1206.394	0.672	1206.058	A 32
K 5	176.104	1188.055	1182.715	1183.051	1182.379	K 31
S 6	205.115	1148.397	1140.017	1140.353	1139.681	S 30
A 7	228.794	1116.346	1111.020	1111.343	1110.670	A 29
P 8	261.148	1092.667	1087.327	1087.663	1086.991	P 28
A 9	284.824	1060.316	1054.976	1055.312	1054.640	A 27
P 10	317.175	1036.637	1031.297	1031.633	1030.961	P 26
K 11	359.872	1004.286	998.946	999.282	998.611	K 25
K 12	416.575	981.588	976.249	976.584	975.912	K 24
G 13	435.582	954.886	899.546	899.882	899.210	G 23
S 14	464.593	885.879	880.539	880.875	880.203	S 22
K 15	521.295	856.868	851.528	851.864	851.191	K 21
K 16	563.993	800.166	794.827	795.163	794.491	K 20
A 17	587.872	737.468	732.128	732.464	731.792	A 19
V 18	620.669	713.789	708.449	708.785	708.111	V 18
T 19	654.377	700.766	695.426	695.762	695.091	T 17
K 20	697.076	667.083	661.744	662.080	661.408	K 16
V 21	730.669	624.385	619.046	619.382	618.710	V 15
Q 22	772.785	591.362	586.021	586.359	585.687	Q 14
K 23	815.483	548.076	543.327	543.672	543.001	K 13
K 24	858.181	505.078	500.639	500.974	500.302	K 12
D 25	896.524	463.280	457.940	458.276	457.604	D 11
G 26	915.531	424.937	419.598	419.934	419.262	G 10
K 27	958.229	405.930	400.590	400.926	400.255	K 9
K 28	1000.928	363.232	357.892	358.228	357.556	K 8
R 29	1057.961	320.533	315.194	315.530	314.858	R 7
K 30	1095.660	268.520	263.180	263.496	262.824	K 6
R 31	1147.693	225.801	220.462	220.798	220.126	R 5
S 32	1176.704	173.768	168.428	168.764	168.092	S 4
R 33	1228.738	144.757	139.417	139.753	139.082	R 3
K 34	1271.436	92.721	87.381	87.720	87.046	K 2
E 35	1314.420	50.025	44.685	45.021	44.349	E 1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVTKVQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=39.08
- ▶ F113278.dat
- ▶ query=q68738.p1
- ▶ precursor=657.891310
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	986.135	982.331	0.755	982.079	P[15]
D[2]	58.284	952.072	958.068	0.755	957.810	D[14]
P[3]	82.547	933.310	929.311	0.755	929.059	P[13]
A[4]	100.306	909.052	905.048	0.755	904.799	A[12]
K[5]	132.430	891.293	887.288	887.540	887.036	K[11]
S[6]	154.088	859.269	855.265	851.517	851.013	S[30]
A[7]	171.847	837.511	833.507	833.759	833.255	A[29]
P[8]	196.111	819.752	815.747	815.999	815.495	P[28]
A[9]	213.870	795.489	791.484	791.736	791.232	A[27]
T[10]	238.133	777.730	773.725	773.977	773.473	T[26]
K[11]	270.157	753.466	749.462	749.714	749.210	K[25]
K[12]	312.683	721.443	717.438	717.690	717.186	K[24]
G[13]	326.938	678.916	674.912	675.164	674.660	G[23]
S[14]	348.696	654.661	650.656	650.908	650.404	S[22]
K[15]	391.223	642.903	638.898	639.150	638.646	K[21]
K[16]	423.247	600.376	596.372	596.624	596.120	K[20]
A[17]	441.006	568.353	564.348	564.600	564.096	A[19]
V[18]	465.773	550.593	546.589	546.841	546.337	V[18]
T[19]	481.036	525.626	521.622	522.074	521.570	T[17]
V[20]	523.059	500.564	496.560	496.812	496.308	K[16]
V[21]	547.826	468.541	464.536	464.788	464.284	V[15]
Q[22]	579.840	443.774	439.769	440.021	439.517	Q[14]
K[23]	611.864	411.759	407.754	408.006	407.502	K[13]
K[24]	643.888	379.735	375.731	375.982	375.479	K[12]
D[25]	672.645	347.711	343.707	343.959	343.455	D[11]
G[26]	686.900	318.955	314.950	315.202	314.698	G[10]
K[27]	718.924	304.699	300.695	300.947	300.443	K[9]
K[28]	750.947	272.676	268.671	268.923	268.419	K[8]
K[29]	789.373	240.652	236.647	236.899	236.395	K[7]
K[30]	821.996	201.627	197.622	197.874	197.370	K[6]
R[31]	861.022	169.603	165.598	165.850	165.346	R[5]
S[32]	882.780	138.578	134.573	134.825	134.321	S[4]
R[33]	921.805	108.620	104.615	104.867	104.363	R[3]
K[34]	953.829	69.794	65.790	66.042	65.538	K[2]
E[35]	986.089	37.771	33.766	34.018	33.514	E[1]

sp | Q64525 | H2B2B_MOUSE

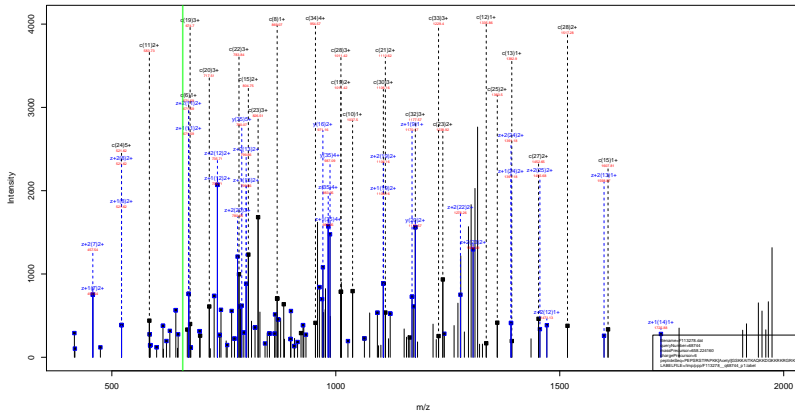
PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVTKVQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=39.08
- ▶ F113278.dat
- ▶ query=q68738.p1
- ▶ precursor=657.891310
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	23.823	789.270	786.056	0.806	785.995	P[15]
D[2]	46.829	709.859	766.656	0.806	766.454	D[14]
P[3]	56.239	746.854	743.650	0.806	743.449	P[13]
A[4]	90.447	727.443	724.240	0.806	724.038	A[12]
K[5]	106.065	713.236	710.032	710.234	709.831	K[11]
S[6]	123.472	687.617	684.413	684.615	684.212	S[30]
A[7]	137.679	670.210	667.007	667.208	666.805	A[29]
P[8]	157.090	656.003	652.799	653.001	652.598	P[28]
A[9]	171.297	636.593	633.389	633.590	633.187	A[27]
T[10]	180.708	622.385	619.181	619.383	618.980	T[26]
K[11]	218.127	602.975	599.771	599.972	599.569	K[25]
K[12]	250.348	577.356	574.152	574.353	573.950	K[24]
G[13]	261.762	543.134	540.131	540.332	539.929	G[23]
S[14]	279.159	531.930	528.726	528.928	528.525	S[22]
K[15]	313.180	514.524	511.320	511.522	511.118	K[21]
K[16]	338.799	480.503	477.299	477.500	477.097	K[20]
A[17]	353.006	454.884	451.680	451.881	451.478	A[19]
V[18]	372.820	440.676	437.472	437.674	437.271	V[18]
I[19]	383.229	420.863	417.659	417.860	417.457	I[17]
L[20]	418.048	400.553	397.449	397.651	397.248	L[16]
V[21]	438.462	375.034	371.830	372.032	371.629	V[15]
Q[22]	464.074	355.220	352.017	352.218	351.815	Q[14]
K[23]	489.693	329.609	326.405	326.606	326.203	K[13]
K[24]	515.312	303.990	300.786	300.987	300.584	K[12]
D[25]	538.317	278.371	275.167	275.368	274.965	D[11]
G[26]	549.721	255.365	252.161	252.363	251.960	G[10]
K[27]	575.340	243.961	240.757	240.959	240.556	K[9]
K[28]	600.959	218.342	215.138	215.340	214.937	K[8]
R[29]	632.180	192.723	189.519	189.721	189.318	R[1]
K[30]	657.799	161.503	158.299	158.501	158.097	K[0]
R[31]	689.019	135.884	132.680	132.882	132.478	R[9]
S[32]	706.425	104.664	101.460	101.661	101.258	S[4]
R[33]	737.645	87.257	84.053	84.255	83.852	R[3]
K[34]	763.264	56.037	52.833	53.035	52.632	K[2]
E[35]	789.073	30.418	27.214	27.416	27.013	E[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK Acetyl GSKKAITKAQKKDGKKRKRGRKE
42.01



sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}_{42.01} GSKKAITKAQKKDGKKRKRGRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=74.59
- ▶ F113278.dat
- ▶ query=q68744.p1
- ▶ precursor=658.224160
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P11	115.087	3044.310	3028.292	0.000	3027.284	P135
E12	244.129	3847.258	3831.239	0.000	3830.231	E134
F13	341.182	3718.215	3702.196	0.000	3701.188	F133
S14	428.214	3021.162	3005.144	0.000	3004.136	S132
R15	584.315	3534.130	3518.112	3510.110	3517.104	R131
S16	671.347	3378.029	3362.010	3353.018	3361.020	S130
T17	772.395	3290.997	3274.978	3275.986	3273.971	T129
P18	869.448	3189.940	3173.921	3174.939	3172.921	P128
A19	960.485	3092.897	3076.878	3077.886	3075.870	A127
P110	1037.537	3021.860	3005.841	3006.849	3004.831	P126
K111	1105.632	2924.807	2908.788	2909.796	2907.780	K125
R112	1335.738	2796.711	2780.693	2781.701	2779.685	R124
G113	1392.759	2626.606	2610.588	2611.595	2609.580	G123
S114	1479.791	2569.585	2553.566	2554.574	2552.558	S122
K115	1667.886	2482.531	2466.514	2467.522	2465.506	K121
K116	1735.981	2354.450	2338.430	2339.447	2337.431	K120
A117	1807.218	2226.363	2210.344	2211.352	2209.336	A119
I118	1929.103	2155.326	2139.307	2140.315	2138.300	I118
T119	2021.150	2042.242	2026.223	2027.231	2025.215	T117
K120	2149.245	1941.194	1925.175	1926.183	1924.168	K116
A121	2220.282	1813.099	1797.080	1798.088	1796.073	A115
Q122	2348.341	1742.062	1726.043	1727.051	1725.035	Q114
R123	2476.436	1614.003	1597.985	1598.993	1596.977	R113
K124	2604.531	1485.950	1469.930	1470.938	1468.924	K112
D125	2719.558	1357.813	1341.795	1342.803	1340.787	D111
G126	2776.579	1242.787	1226.768	1227.776	1225.760	G110
K127	2904.674	1185.765	1169.746	1170.754	1168.739	K109
K128	3032.769	1057.610	1041.591	1042.600	1040.584	K108
R129	3168.870	929.575	913.556	914.564	912.549	R107
K130	3316.965	773.474	757.455	758.463	756.447	K106
R131	3473.066	645.470	629.360	630.368	628.353	R105
G132	3530.088	499.478	473.259	474.267	472.251	G104
R133	3686.189	432.257	416.238	417.246	415.230	R103
K134	3814.284	276.155	260.137	261.144	259.129	K102
E135	3943.326	148.050	132.032	133.040	131.024	E101

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}_{42.01} GSKKAITKAQKKDGKKRKRGRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=74.59
- ▶ F113278.dat
- ▶ query=q68744.p1
- ▶ precursor=658.224160
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	58.067	1972.059	1954.640	0.504	1964.146	P 35
E 2	122.568	1924.132	1916.123	0.504	1915.019	E 34
F 3	171.095	1859.611	1851.602	0.504	1851.098	F 33
S 4	214.611	1811.085	1803.075	0.504	1802.572	S 32
R 5	262.661	1767.569	1759.559	1.780	1759.056	R 31
S 6	336.377	1699.513	1691.503	1.882	1691.005	S 30
T 7	386.701	1646.002	1637.993	1638.497	1637.489	T 29
P 8	435.227	1595.478	1587.469	1587.973	1586.965	P 28
A 9	470.746	1546.957	1538.943	1539.447	1538.439	A 27
P 10	519.272	1511.433	1503.424	1503.928	1502.920	P 26
K 11	583.320	1462.907	1454.898	1455.402	1454.394	K 25
R 12	608.373	1398.086	1390.050	1391.554	1390.546	R 24
G 13	696.883	1313.807	1305.797	1306.301	1305.294	G 23
S 14	740.399	1285.206	1277.197	1277.791	1276.783	S 22
K 15	804.447	1241.786	1233.771	1234.275	1233.267	K 21
K 16	868.494	1177.733	1169.723	1170.227	1169.219	K 20
A 17	904.013	1113.663	1105.676	1106.180	1105.172	A 19
I 18	969.555	1079.161	1070.157	1070.661	1069.653	I 18
T 19	1011.079	1021.025	1013.015	1014.119	1013.111	T 17
K 20	1075.126	971.101	963.091	963.595	962.587	K 16
A 21	1110.645	907.053	899.044	899.548	898.540	A 15
Q 22	1174.674	871.535	863.525	864.029	863.021	Q 14
R 23	1238.722	797.205	799.456	800.960	799.952	R 13
K 24	1302.769	743.450	735.440	735.952	734.945	K 12
D 25	1360.283	679.410	671.401	671.905	670.897	D 11
G 26	1386.793	621.897	613.888	614.391	613.384	G 10
K 27	1452.841	593.389	585.377	585.881	584.873	K 9
K 28	1516.888	539.339	521.329	521.833	520.825	K 8
R 29	1584.939	485.291	457.282	457.786	456.778	R 7
K 30	1658.988	387.241	379.231	379.735	378.727	K 6
R 31	1737.037	323.193	315.184	315.688	314.680	R 5
G 32	1765.546	245.143	237.133	237.637	236.629	G 4
R 33	1843.598	216.632	208.623	209.126	208.119	R 3
K 34	1907.646	138.581	130.572	131.076	130.068	K 2
E 35	1972.197	74.535	66.524	67.028	66.021	E 1

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}_{42.01} GSKKAITKAQKKDGKKRKRGRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=74.59
- ▶ F113278.dat
- ▶ query=q68744.p1
- ▶ precursor=658.224160
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	±1	±2	z	AA
F 1	39.034	1315.442	1188.103	0.672	1309.766	F 28
E 2	82.048	1283.093	1277.751	0.672	1277.415	E 34
F 3	114.399	1240.077	1234.737	0.672	1234.401	F 33
S 4	143.410	1207.726	1202.386	0.672	1202.050	S 32
R 5	195.443	1175.715	1173.375	1173.711	1173.039	R 31
S 6	224.454	1158.061	1121.342	1121.676	1121.006	S 30
T 7	256.136	1097.971	1092.331	1092.667	1091.991	T 29
F 8	290.487	1063.988	1058.648	1058.984	1058.312	F 28
A 9	314.166	1031.637	1026.298	1026.633	1025.967	A 27
F 10	348.517	1007.958	1002.618	1002.954	1002.283	F 26
K 11	369.216	979.607	970.265	970.603	969.932	K 25
K 12	445.917	932.909	927.569	927.905	927.233	K 24
G 13	484.925	876.255	870.867	871.203	870.531	G 23
S 14	493.935	857.200	851.860	852.196	851.524	S 22
K 15	536.634	828.189	822.850	823.186	822.514	K 21
K 16	579.332	795.491	780.151	780.487	779.815	K 20
A 17	603.011	742.762	737.423	737.759	737.111	A 19
T 18	660.708	719.113	713.774	714.110	713.435	T 18
T 19	674.388	681.416	676.079	676.415	675.741	T 17
K 20	717.087	647.736	642.397	642.733	642.061	K 16
A 21	740.766	605.038	599.698	600.034	599.362	A 15
Q 22	783.452	581.359	576.019	576.355	575.683	Q 14
K 23	828.150	538.672	533.333	533.669	532.997	K 13
K 24	868.848	495.974	490.635	490.971	490.299	K 12
D 25	907.191	453.276	447.936	448.272	447.600	D 11
G 26	928.126	414.934	409.594	409.930	409.258	G 10
K 27	988.698	395.627	390.287	390.623	390.251	K 9
K 28	1011.595	353.228	347.889	348.225	347.553	K 8
R 29	1063.628	310.530	305.190	305.526	304.854	R 7
K 30	1106.327	268.466	263.127	263.463	262.821	K 6
R 31	1158.390	215.798	210.458	210.794	210.122	R 5
G 32	1177.367	163.764	158.425	158.761	158.089	G 4
R 33	1229.461	144.757	139.417	139.753	139.082	R 3
K 34	1273.669	92.723	87.384	87.720	87.048	K 2
E 35	1315.114	50.025	44.685	45.021	44.349	E 1

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}_{42.01} GSKKAITKAQKKDGKKRKRGRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=74.59
- ▶ F113278.dat
- ▶ query=q68744.p1
- ▶ precursor=658.224160
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	986.833	982.828	0.735	982.576	P[15]
E[2]	61.788	962.570	958.565	0.735	958.313	E[34]
P[3]	96.051	930.309	926.305	0.735	926.053	P[13]
S[4]	107.809	906.046	902.041	0.735	901.789	S[32]
R[5]	146.834	884.288	880.283	880.535	880.031	R[31]
S[6]	168.592	845.263	841.258	841.510	841.006	S[30]
T[7]	193.854	823.505	819.500	819.752	819.248	T[29]
P[8]	218.117	798.243	794.238	794.490	793.986	P[28]
A[9]	235.877	773.980	769.975	770.227	769.723	A[27]
F[10]	260.140	736.220	732.215	732.468	731.964	F[26]
K[11]	282.184	731.961	727.952	728.204	727.701	K[25]
K[12]	334.690	699.933	695.929	696.181	695.677	K[24]
G[13]	348.945	697.407	693.402	693.654	693.150	G[23]
S[14]	370.703	643.152	639.147	639.399	638.895	S[22]
K[15]	402.727	621.994	617.989	617.641	617.137	K[21]
K[16]	434.751	589.370	585.365	585.617	585.113	K[20]
A[17]	452.510	557.346	553.342	553.593	553.090	A[19]
I[18]	480.781	539.587	535.582	535.834	535.330	I[18]
T[19]	508.043	511.316	507.311	507.563	507.059	T[17]
K[20]	538.097	489.054	482.049	482.303	481.797	K[16]
A[21]	555.826	454.030	450.026	450.278	449.774	A[15]
Q[22]	587.841	436.271	432.266	432.518	432.014	Q[14]
K[23]	619.864	404.256	400.252	400.504	400.000	K[13]
K[24]	651.888	372.233	368.228	368.480	367.976	K[12]
D[25]	680.645	340.209	336.204	336.456	335.952	D[11]
G[26]	694.900	311.452	307.447	307.699	307.195	G[10]
K[27]	726.924	297.197	293.192	293.444	292.940	K[9]
K[28]	758.948	265.173	261.168	261.420	260.916	K[8]
K[29]	787.973	233.149	229.145	229.397	228.893	K[7]
K[30]	829.997	194.124	190.119	190.371	189.867	K[6]
R[31]	869.022	162.100	158.096	158.348	157.844	R[5]
G[32]	883.277	123.075	119.070	119.322	118.818	G[4]
R[33]	922.303	108.820	104.815	105.067	104.563	R[3]
K[34]	954.326	69.794	65.790	66.042	65.538	K[2]
E[35]	986.587	37.771	33.766	34.018	33.514	E[1]

sp | Q9D2U9 | H2B3A_MOUSE

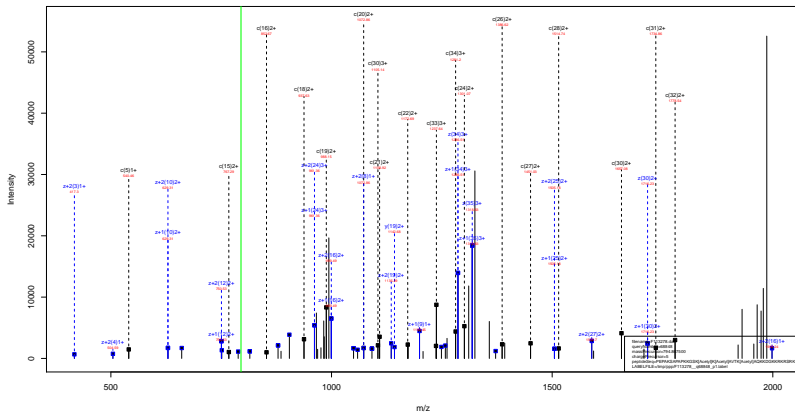
PEPSRSTPAPKK ^{Acetyl}_{42.01} GSKKAITKAQKKDGGKKRKRGRKE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=74.59
- ▶ F113278.dat
- ▶ query=q68744.p1
- ▶ precursor=658.224160
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	21.023	789.668	786.464	0.806	786.263	P[35]
E[2]	49.632	770.257	767.054	0.806	766.852	E[34]
P[3]	69.042	744.449	741.245	0.806	741.044	P[33]
S[4]	86.449	725.038	721.835	0.806	721.633	S[32]
R[5]	117.669	707.632	704.428	704.630	704.227	R[31]
S[6]	135.075	676.412	673.208	673.409	673.006	S[30]
T[7]	155.285	659.005	655.802	656.003	655.600	T[29]
P[8]	174.695	638.796	635.592	635.794	635.390	P[28]
A[9]	188.903	619.385	616.181	616.383	615.980	A[27]
P[10]	208.313	600.173	601.974	602.176	601.772	P[26]
K[11]	213.932	585.767	582.563	582.765	582.362	K[25]
K[12]	267.953	565.148	556.944	557.146	556.743	K[24]
G[13]	279.386	526.127	522.923	523.125	522.722	G[23]
S[14]	296.764	514.723	511.519	511.721	511.317	S[22]
K[15]	322.383	497.316	494.113	494.314	493.911	K[21]
K[16]	348.002	471.697	468.494	468.695	468.292	K[20]
A[17]	362.210	446.078	442.875	443.076	442.673	A[19]
T[18]	384.826	431.871	428.667	428.869	428.466	T[18]
T[19]	405.036	409.254	406.050	406.252	405.849	T[17]
K[20]	430.655	389.043	385.841	386.042	385.639	K[16]
A[21]	444.262	363.426	360.222	360.423	360.020	A[15]
Q[22]	470.474	349.218	346.014	346.216	345.813	Q[14]
K[23]	496.093	321.607	320.403	320.604	320.201	K[13]
K[24]	521.712	297.988	294.784	294.985	294.582	K[12]
D[25]	544.717	272.369	269.165	269.366	268.963	D[11]
G[26]	556.122	249.363	246.159	246.361	245.958	G[10]
K[27]	581.741	237.959	234.755	234.957	234.554	K[9]
K[28]	607.360	212.340	209.136	209.338	208.935	K[8]
R[29]	638.580	186.721	183.517	183.719	183.316	R[7]
K[30]	664.199	155.501	152.297	152.498	152.095	K[6]
R[31]	695.419	129.882	126.678	126.879	126.476	R[5]
G[32]	706.823	98.661	95.456	95.659	95.256	G[4]
R[33]	738.044	87.257	84.053	84.255	83.852	R[3]
K[34]	763.663	56.037	52.833	53.035	52.632	K[2]
E[35]	789.471	30.418	27.214	27.416	27.013	E[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK (Acetyl) K Acetyl AVTK Acetyl AQKKDGKKRKRSRKE
 (42.01) 42.01 42.01



sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK (Acetyl) K (Acetyl) AVTK (Acetyl) AQKKDGGKKRKRSRKE
 (42.01) 42.01 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.88
- ▶ F113278.dat
- ▶ query=q68848.p1
- ▶ precursor=794.867500
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	3970.315	3954.206	0.000	3953.288	P135
E1	244.129	3873.262	3857.243	0.000	3856.236	E134
P1	341.182	3744.230	3728.201	0.000	3727.193	P133
A1	412.219	3647.167	3631.148	0.000	3630.140	A132
K1	540.314	3576.130	3560.111	3561.119	3559.103	K131
S1	637.350	3448.205	3432.203	3433.204	3431.205	S130
A1	698.353	3361.023	3344.984	3345.992	3343.976	A129
P1	795.436	3289.966	3273.947	3274.955	3272.939	P128
A1	866.473	3192.913	3176.894	3177.902	3175.888	A127
P1	963.530	3121.876	3105.857	3106.865	3104.849	P126
K1	1091.621	3024.823	3008.804	3009.812	3007.796	K125
K1	1219.716	2966.748	2950.730	2951.737	2949.714	K124
G1	1276.737	2798.633	2782.614	2783.622	2781.606	G123
S1	1363.769	2711.611	2695.593	2696.601	2694.585	S122
K1	1533.875	2624.579	2608.561	2609.569	2607.553	K121
K1	1703.980	2454.474	2438.455	2439.463	2437.447	K120
A1	1775.017	2384.368	2368.350	2369.358	2367.342	A119
V1	1874.086	2213.311	2197.293	2198.300	2196.285	V118
T1	1973.133	2114.263	2098.244	2099.252	2097.236	T117
K1	2145.230	2013.215	1997.196	1998.204	1996.189	K116
A1	2216.276	1943.110	1927.091	1928.099	1926.083	A115
Q1	2344.335	1772.073	1756.054	1757.062	1755.046	Q114
K1	2472.430	1644.014	1627.995	1629.003	1626.987	K113
K1	2602.525	1515.919	1499.900	1500.908	1498.892	K112
D1	2715.552	1387.824	1371.805	1372.813	1370.796	D111
G1	2772.575	1272.767	1256.748	1257.765	1255.751	G110
K1	2900.668	1215.716	1199.757	1200.765	1198.749	K109
K1	3028.763	1087.661	1071.642	1072.670	1070.654	K108
R1	3184.864	959.586	943.567	944.575	942.559	R107
K1	3312.959	831.485	815.466	816.474	814.458	K106
R1	3469.056	675.390	659.371	660.379	658.363	R105
S1	3556.092	519.289	503.270	504.278	502.262	S104
R1	3712.193	432.257	416.238	417.246	415.230	R103
K1	3840.288	276.155	260.137	261.144	259.129	K102
E1	3969.331	148.060	132.042	133.050	131.034	E101

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK (Acetyl) K (42.01) Acetyl 42.01 AVTK Acetyl 42.01 AQKKDGGKKRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.88
- ▶ F113278.dat
- ▶ query=q68848.p1
- ▶ precursor=794.867500
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	s1 a+1	a+2	z	AA
P1	58.047	1093.961	1077.052	0.504	1077.140	P155
E2	122.568	1337.135	1320.125	0.504	1320.621	E14
F3	171.995	1872.613	1864.604	0.504	1864.100	F133
A4	206.613	1824.087	1816.078	0.504	1815.574	A32
K5	270.661	1789.568	1780.559	1781.063	1780.053	K31
S6	314.177	1734.521	1716.512	1717.016	1716.008	S30
A17	389.696	1688.309	1679.300	1679.800	1679.490	A29
F18	398.232	1645.486	1637.477	1637.981	1636.973	F128
A9	433.740	1596.960	1588.951	1589.455	1588.447	A127
F10	482.267	1561.441	1553.432	1553.936	1552.928	F126
K11	546.314	1512.915	1504.906	1505.410	1504.402	K25
K12	610.362	1448.898	1440.889	1441.392	1440.384	K24
G13	638.672	1364.560	1356.551	1357.055	1356.301	G15
S14	682.388	1356.309	1348.300	1348.804	1347.796	S22
K15	767.441	1311.793	1304.784	1305.288	1304.280	K21
K16	852.494	1227.743	1219.733	1220.237	1219.227	K20
A17	885.017	1157.199	1149.189	1149.694	1148.686	A19
V18	937.547	1107.159	1099.149	1099.654	1098.646	V18
V19	988.070	1057.635	1049.626	1050.130	1049.122	V17
K20	1073.123	1007.111	999.102	999.606	998.598	K16
A21	1108.642	922.058	914.049	914.553	913.545	A15
Q22	1172.671	896.540	878.531	879.034	878.027	Q14
R23	1236.718	822.511	814.501	815.005	813.997	R13
R24	1300.766	758.483	750.474	750.978	749.970	R12
D25	1358.279	694.612	686.603	686.910	685.902	D11
G26	1386.790	636.902	628.893	629.397	628.389	G10
K27	1450.838	608.391	600.382	600.886	599.878	K19
K28	1514.885	544.344	536.335	536.839	535.831	K8
R29	1442.923	489.296	481.287	481.791	479.783	R17
R30	1656.983	402.245	394.237	394.740	393.732	R6
R31	1735.034	338.198	330.189	330.693	329.685	R5
S32	1778.550	260.148	252.139	252.642	251.634	S4
R33	1856.600	216.632	208.623	209.126	208.119	R3
K34	1920.640	148.581	140.572	141.076	139.068	K2
E35	1985.192	74.534	66.524	67.028	66.021	E1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK (Acetyl) K (42.01) Acetyl 42.01 AVTK Acetyl 42.01 AQKKDGGKKRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=65.88
- ▶ F113278.dat
- ▶ query=q68848.p1
- ▶ precursor=794.867500
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	39.034	1324.116	1318.770	0.672	1318.434	P 50
E 2	82.048	1291.750	1286.419	0.672	1286.083	E 34
P 3	114.399	1248.745	1243.405	0.672	1243.059	P 33
A 4	138.076	1216.394	1211.054	0.672	1210.718	A 32
K 5	180.776	1192.715	1187.375	1187.711	1187.039	K 31
S 6	209.287	1150.010	1144.671	1139.013	1144.341	S 30
A 7	213.466	1121.006	1115.666	1116.002	1115.336	A 29
P 8	265.817	1097.327	1091.987	1092.323	1091.651	P 28
A 9	289.496	1064.976	1059.636	1059.972	1059.300	A 27
P 10	321.847	1041.291	1035.951	1036.293	1035.621	P 26
K 11	364.545	1008.946	1003.606	1003.942	1003.270	K 25
K 12	407.243	986.247	960.968	961.244	960.572	K 24
Q 13	436.251	963.549	958.210	958.546	957.874	Q 23
S 14	455.261	904.542	899.202	899.538	898.866	S 22
K 15	511.963	875.511	870.172	870.508	869.836	K 21
K 16	568.665	848.829	843.490	843.826	843.154	K 20
A 17	592.344	792.126	786.788	787.124	786.452	A 19
V 18	623.307	758.440	753.100	753.445	752.771	V 18
V 19	659.049	705.425	700.086	700.422	699.750	V 17
K 20	715.751	671.743	666.404	666.740	666.068	K 16
A 21	739.430	615.041	609.702	610.038	609.366	A 15
Q 22	782.116	591.362	586.023	586.359	585.687	Q 14
K 23	824.815	548.676	543.337	543.673	543.001	K 13
R 24	867.513	505.978	500.639	500.974	500.302	R 12
D 25	905.255	463.280	457.940	458.276	457.604	D 11
G 26	924.863	424.937	419.598	419.934	419.262	G 10
K 27	967.561	405.930	400.590	400.926	400.254	K 9
K 28	1010.259	363.232	357.892	358.228	357.556	K 8
K 29	1052.957	320.533	315.194	315.530	314.858	K 7
R 30	1104.591	288.590	283.250	283.586	282.914	R 6
R 31	1157.225	225.803	220.462	220.798	220.126	R 5
S 32	1186.036	173.688	168.348	168.684	168.012	S 4
R 33	1238.069	144.757	139.417	139.753	139.081	R 3
K 34	1280.768	92.723	87.384	87.720	87.048	K 2
E 35	1423.782	50.625	44.685	45.021	44.349	E 1

sp | Q6ZWY9 | H2B1C_MOUSE

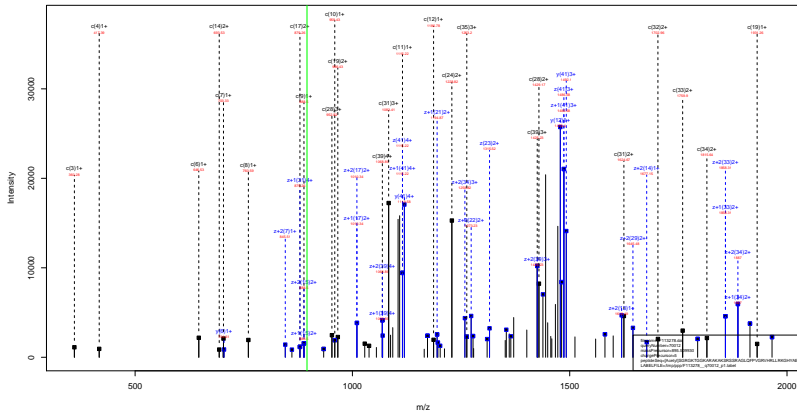
PEPAKSAPAPKKGSK (Acetyl) K (Acetyl) AVTK (Acetyl) AQKKDGGKKRKRSRKE
 (42.01) 42.01 42.01

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=65.88
- ▶ F113278.dat
- ▶ query=q68848.p1
- ▶ precursor=794.867500
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
P	1	29.527	993.334	989.320	0.755	989.078	P	35
E	2	61.788	969.071	965.066	0.755	964.814	E	34
P	3	86.051	936.810	932.806	0.755	932.554	P	33
A	4	103.810	912.547	908.542	0.755	908.291	A	32
K	5	135.834	894.788	890.783	891.035	890.531	K	31
S	6	157.592	862.764	858.759	859.011	858.507	S	30
A	7	175.351	841.006	837.001	837.253	836.749	A	29
P	8	199.614	823.247	819.242	819.494	818.990	P	28
A	9	217.374	798.984	794.979	795.231	794.727	A	27
P	10	251.637	781.224	777.220	777.472	776.968	P	26
K	11	273.561	756.961	752.956	753.208	752.705	K	25
K	12	305.684	724.937	720.933	721.185	720.681	K	24
G	13	319.940	692.914	688.909	689.161	688.657	G	23
S	14	341.698	678.658	674.654	674.906	674.402	S	22
K	15	384.224	656.900	652.896	653.148	652.644	K	21
K	16	426.751	614.374	610.369	610.621	610.117	K	20
A	17	444.510	571.848	567.843	568.095	567.591	A	19
V	18	469.277	554.088	550.084	550.336	549.832	V	18
T	19	494.539	529.321	525.316	525.568	525.065	T	17
K	20	537.065	504.059	500.055	500.307	499.803	K	16
A	21	554.824	461.533	457.528	457.780	457.276	A	15
Q	22	588.839	443.774	439.769	440.021	439.517	Q	14
K	23	618.863	411.759	407.754	408.006	407.502	K	13
K	24	650.887	379.735	375.731	375.982	375.479	K	12
D	25	679.643	347.711	343.707	343.959	343.455	D	11
G	26	693.899	318.955	314.950	315.202	314.698	G	10
K	27	725.922	304.699	300.695	300.947	300.443	K	9
K	28	757.946	272.676	268.671	268.923	268.419	K	8
R	29	796.971	240.652	236.647	236.899	236.395	R	7
K	30	828.995	201.627	197.622	197.874	197.370	K	6
R	31	868.020	169.603	165.598	165.850	165.346	R	5
S	32	889.779	130.578	126.573	126.825	126.321	S	4
R	33	928.804	108.820	104.815	105.067	104.563	R	3
K	34	960.828	69.794	65.790	66.042	65.538	K	2
E	35	993.088	37.771	33.766	34.018	33.514	E	1

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHLLRKGHYAE



sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.94
- ▶ F113278.dat
- ▶ query=q70012.p1
- ▶ precursor=895.509930
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4473.515	4457.486	0.000	4456.489	S[41]
G	2	204.098	4344.473	4328.454	0.000	4327.446	G[40]
R	3	360.199	4287.451	4271.432	4272.440	4270.425	R[39]
G	4	417.220	4131.350	4115.331	4116.339	4114.323	G[38]
K	5	455.315	4074.328	4058.310	4059.318	4057.302	K[37]
T	6	646.363	3946.234	3930.215	3931.223	3929.207	T[36]
G	7	703.385	3845.180	3829.161	3830.175	3828.159	G[35]
G	8	760.406	3788.164	3772.146	3773.153	3771.138	G[34]
K	9	868.501	3731.143	3715.124	3716.132	3714.116	K[33]
A	10	959.538	3603.048	3587.029	3588.037	3586.021	A[32]
R	11	1115.639	3532.011	3515.992	3517.000	3514.984	R[31]
A	12	1188.676	3375.913	3359.894	3360.909	3358.893	A[30]
R	13	1314.771	3304.873	3288.854	3289.862	3287.846	R[29]
A	14	1385.808	3176.778	3160.759	3161.767	3159.751	A[28]
K	15	1513.903	3105.741	3089.722	3090.730	3088.714	K[27]
S	16	1600.935	2977.646	2961.627	2962.635	2960.619	S[26]
R	17	1757.037	2890.614	2874.595	2875.603	2873.587	R[25]
S	18	1844.069	2734.523	2718.504	2719.512	2717.496	S[24]
S	19	1931.101	2647.480	2631.461	2632.470	2630.454	S[23]
R	20	2087.202	2560.443	2544.424	2545.432	2543.416	R[22]
A	21	2158.239	2404.347	2388.328	2389.336	2387.321	A[21]
G	22	2215.260	2333.310	2317.291	2318.299	2316.284	G[20]
L	23	2328.344	2276.280	2260.260	2261.270	2259.254	L[19]
Q	24	2456.403	2163.259	2147.240	2148.248	2146.232	Q[18]
F	25	2603.471	2055.146	2039.127	2040.135	2038.120	F[17]
P	26	2700.524	1888.078	1872.059	1873.067	1871.051	P[16]
V	27	2799.592	1791.025	1775.006	1776.014	1773.998	V[15]
G	28	2856.614	1691.956	1675.938	1676.946	1674.930	G[14]
R	29	2832.715	1534.878	1518.859	1619.924	1617.908	R[13]
V	30	3111.783	1478.834	1462.815	1463.823	1461.807	V[12]
H	31	3248.842	1319.765	1303.747	1364.755	1362.739	H[11]
R	32	3404.943	1242.707	1226.688	1227.696	1225.680	R[10]
L	33	3518.028	1086.605	1070.587	1071.595	1069.579	L[9]
L	34	3631.112	977.543	961.524	962.532	960.516	L[8]
R	35	3787.213	860.437	844.419	845.426	843.411	R[7]
K	36	3915.308	704.336	688.317	689.325	687.310	K[6]
G	37	3972.329	676.241	660.221	661.230	659.215	G[5]
H	38	4109.388	619.220	603.200	604.209	602.193	H[4]
V	39	4272.451	382.161	366.143	367.150	365.134	V[3]
A	40	4343.489	219.086	203.070	204.087	202.071	A[2]
E	41	4472.531	148.060	132.042	133.050	131.034	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.94
- ▶ F113278.dat
- ▶ query=q70012.p1
- ▶ precursor=895.509930
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2737.361	2729.257	0.504	2728.740	S[41]
G	2	102.563	2172.740	2164.731	0.504	2164.227	G[40]
R	3	180.603	2144.929	2138.220	2136.724	2135.718	R[39]
G	4	209.114	2096.179	2058.160	2058.673	2057.665	G[38]
K	5	273.161	2037.668	2029.659	2030.162	2029.155	K[37]
T	6	313.689	1973.820	1905.611	1866.116	1965.107	T[36]
G	7	352.198	1923.097	1915.087	1815.591	1914.583	G[35]
G	8	380.707	1894.586	1886.576	1887.080	1886.073	G[34]
K	9	444.754	1866.075	1858.066	1858.570	1857.563	K[33]
A	10	480.273	1802.028	1794.018	1794.522	1793.514	A[32]
R	11	558.323	1786.509	1738.500	1750.004	1757.006	R[31]
A	12	593.832	1698.459	1680.449	1689.953	1679.945	A[30]
R	13	657.889	1652.940	1644.931	1645.435	1644.427	R[29]
A	14	693.408	1588.892	1580.883	1581.387	1580.379	A[28]
K	15	757.455	1553.374	1545.365	1545.868	1544.861	K[27]
S	16	800.971	1489.326	1481.317	1481.821	1480.813	S[26]
R	17	879.822	1445.810	1437.801	1438.305	1437.297	R[25]
S	18	923.328	1397.760	1359.750	1369.254	1369.246	S[24]
S	19	966.054	1324.244	1316.234	1316.738	1315.731	S[23]
R	20	1044.104	1280.728	1272.719	1273.222	1272.215	R[22]
A	21	1079.623	1202.677	1194.668	1195.172	1194.164	A[21]
G	22	1108.134	1167.159	1159.149	1159.653	1158.646	G[20]
L	23	1154.676	1136.640	1130.630	1131.133	1130.125	L[19]
G	24	1228.705	1082.106	1074.097	1074.601	1073.593	G[18]
F	25	1262.239	1018.077	1010.067	1010.571	1009.563	F[17]
F	26	1350.766	944.542	936.533	937.037	936.029	F[16]
V	27	1400.300	896.016	888.007	888.511	887.503	V[15]
G	28	1428.811	846.482	838.473	838.976	837.969	G[14]
V	29	1506.861	817.974	809.965	810.468	809.460	V[13]
V	30	1596.395	749.921	731.911	732.415	731.407	V[12]
H	31	1624.925	690.385	682.377	682.881	681.873	H[11]
R	32	1702.975	631.857	613.848	614.351	613.344	R[10]
L	33	1759.517	543.806	535.797	536.301	535.293	L[9]
L	34	1816.059	487.264	479.255	479.759	478.751	L[8]
R	35	1864.110	436.724	422.713	423.217	422.209	R[7]
K	36	1958.157	352.672	344.662	345.166	344.158	K[6]
G	37	1986.668	288.624	280.615	281.119	280.111	G[5]
H	38	2065.198	260.114	252.104	252.608	251.600	H[4]
V	39	2136.729	191.984	183.975	184.479	183.471	V[3]
A	40	2172.248	110.052	102.043	102.547	101.539	A[2]
E	41	2236.769	74.534	66.524	67.028	66.021	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGGHYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.94
- ▶ F113278.dat
- ▶ query=q70012.p1
- ▶ precursor=895.509930
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s=1	#s=2	#s=3	AA	
S	1	493.697	1491.843	1486.504	0.872	1486.166	S[41]
G	2	66.704	1448.825	1443.487	0.672	1443.154	G[49]
R	3	1307.18	1429.823	1424.482	1424.818	1424.146	R[39]
G	4	139.745	1377.768	1372.449	1372.785	1372.111	G[38]
K	5	182.443	1358.761	1353.441	1353.777	1353.107	K[37]
T	6	216.126	1316.081	1310.743	1311.079	1310.407	T[36]
G	7	235.133	1292.404	1277.061	1277.397	1276.723	G[35]
G	8	254.146	1263.393	1258.053	1258.389	1257.717	G[34]
K	9	296.639	1244.388	1239.048	1239.382	1238.710	K[33]
A	10	320.518	1201.688	1196.348	1196.684	1196.017	A[32]
R	11	372.551	1178.088	1172.669	1173.005	1172.333	R[31]
A	12	389.239	1138.935	1133.635	1133.974	1133.299	A[30]
K	13	438.929	1102.296	1096.956	1097.292	1096.620	K[29]
A	14	462.668	1059.597	1054.258	1054.594	1053.922	A[28]
K	15	505.306	1035.918	1030.579	1030.915	1030.243	K[27]
S	16	534.317	993.220	987.880	988.216	987.543	S[26]
R	17	586.250	984.200	978.873	958.206	958.534	R[25]
S	18	615.361	912.176	906.836	907.172	906.500	S[24]
S	19	644.372	883.165	877.825	878.161	877.489	S[23]
R	20	696.405	854.154	848.815	849.151	848.479	R[22]
A	21	728.084	802.121	796.781	797.117	796.445	A[21]
G	22	759.062	778.442	773.102	773.438	772.766	G[20]
L	23	776.388	759.434	754.093	754.431	753.759	L[19]
Q	24	819.472	721.740	716.400	716.736	716.064	Q[18]
F	25	868.495	679.054	673.714	674.050	673.378	F[17]
F	26	900.946	630.031	624.691	625.027	624.355	F[16]
V	27	933.869	597.680	592.340	592.676	592.004	V[15]
G	28	952.876	564.657	559.317	559.653	558.981	G[14]
R	29	1004.919	545.656	540.316	540.652	539.980	R[13]
V	30	1037.933	493.616	488.277	488.613	487.941	V[12]
H	31	1083.619	460.593	455.254	455.590	454.918	H[11]
R	32	1135.653	414.907	409.567	409.903	409.232	R[10]
L	33	1173.347	362.873	357.534	357.870	357.198	L[9]
L	34	1211.043	328.176	322.836	323.172	322.500	L[8]
R	35	1263.876	287.484	282.144	282.480	281.808	R[7]
K	36	1305.774	235.460	230.121	230.447	229.775	K[6]
G	37	1344.761	192.752	187.412	187.748	187.076	G[5]
H	38	1370.468	173.745	168.405	168.741	168.069	H[4]
V	39	1424.822	128.098	122.758	123.094	122.422	V[3]
A	40	1448.825	73.304	67.964	68.300	67.628	A[2]
E	41	1491.515	50.025	44.685	45.021	44.349	E[1]

sp | P27661 | H2AX_MOUSE

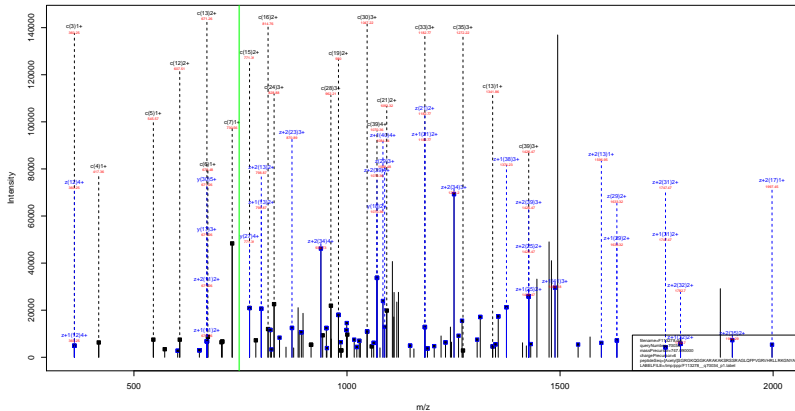
[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=67.94
- ▶ F113278.dat
- ▶ query=q70012.p1
- ▶ precursor=895.509930
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	p	#s1	#s2	#s	AA
S[1]	37.505	1119.134	1115.130	0.705	1114.878	S[41]
G[2]	51.780	1036.874	1032.869	0.795	1032.617	G[40]
R[3]	90.805	1072.618	1068.614	1068.866	1068.362	R[39]
G[4]	109.061	1033.593	1029.588	1029.840	1029.130	G[38]
K[5]	137.064	1019.138	1015.133	1015.385	1015.081	K[37]
T[6]	162.240	987.314	983.309	983.561	983.063	T[36]
G[7]	178.602	952.052	948.047	948.299	947.795	G[35]
G[8]	190.857	947.797	943.792	944.044	943.540	G[34]
K[9]	232.681	933.541	929.537	929.788	929.285	K[33]
A[10]	240.640	901.511	897.513	897.765	897.261	A[32]
R[11]	279.665	883.758	879.753	880.005	879.502	R[31]
A[12]	297.426	844.733	840.728	840.980	840.476	A[30]
K[13]	329.448	826.974	822.969	823.221	822.717	K[29]
A[14]	347.208	794.950	790.945	791.197	790.693	A[28]
K[15]	379.231	777.191	773.186	773.438	772.934	K[27]
S[16]	405.009	745.167	741.162	741.414	740.910	S[26]
R[17]	440.015	723.409	719.404	719.656	719.152	R[25]
S[18]	483.713	694.384	690.379	690.631	690.127	S[24]
S[19]	483.511	692.626	688.621	688.873	688.369	S[23]
R[20]	522.556	640.868	636.863	637.115	636.611	R[22]
A[21]	540.315	601.842	597.837	598.090	597.586	A[21]
C[22]	554.571	584.083	580.078	580.330	579.826	C[20]
L[23]	582.842	569.826	565.821	566.073	565.571	L[19]
Q[24]	614.856	541.557	537.552	537.804	537.302	Q[18]
F[25]	651.823	509.542	505.537	505.789	505.285	F[17]
F[26]	678.888	472.775	468.770	469.022	468.518	F[16]
V[27]	706.654	448.512	444.507	444.759	444.255	V[15]
C[28]	734.909	423.745	419.740	419.992	419.488	C[14]
R[29]	763.934	409.809	405.804	406.056	405.552	R[13]
V[30]	778.701	370.464	366.459	366.711	366.207	V[12]
H[31]	812.966	345.697	341.692	341.944	341.440	H[11]
R[32]	851.991	311.432	307.427	307.679	307.175	R[10]
L[33]	880.262	272.407	268.402	268.654	268.150	L[9]
L[34]	885.513	264.736	260.731	260.983	260.479	L[8]
R[35]	947.559	213.885	211.880	212.132	211.628	R[7]
K[36]	979.582	176.840	172.835	173.087	172.583	K[6]
G[37]	993.838	144.816	140.811	141.063	140.559	G[5]
H[38]	1028.102	130.560	126.556	126.808	126.304	H[4]
V[39]	1068.868	96.296	92.291	92.543	92.039	V[3]
A[40]	1068.868	58.530	54.525	54.777	54.273	A[2]
E[41]	1118.888	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGKKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.54
- ▶ F113278.dat
- ▶ query=q70034_p1
- ▶ precursor=747.090000
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4477.515	4481.491	0.000	4460.481	S 41
G 2	304.098	4348.467	4332.440	0.000	4331.441	G 40
R 3	360.199	4291.446	4275.427	4276.435	4274.419	R 39
G 4	417.270	4135.345	4119.326	4120.334	4118.319	G 38
K 5	545.315	4078.323	4062.305	4063.313	4061.291	K 37
Q 6	673.374	3950.228	3934.210	3935.218	3933.202	Q 36
G 7	730.395	3822.170	3806.151	3807.159	3805.143	G 35
G 8	787.417	3765.148	3749.130	3750.138	3748.122	G 34
K 9	915.512	3708.127	3692.108	3693.116	3691.100	K 33
A 10	986.549	3580.032	3564.013	3565.021	3563.005	A 32
R 11	1142.050	3528.995	3492.975	3493.984	3491.968	R 31
A 12	1213.007	3352.984	3336.975	3337.983	3335.967	A 30
R 13	1341.782	3281.957	3265.938	3266.946	3264.930	R 29
A 14	1412.819	3153.762	3137.743	3138.751	3136.735	A 28
K 15	1540.914	3082.725	3066.706	3067.714	3065.698	K 27
S 16	1627.946	2954.630	2938.611	2939.619	2937.603	S 26
R 17	1784.047	2887.598	2851.579	2852.587	2850.571	R 25
S 18	1873.079	2711.496	2695.477	2696.486	2694.470	S 24
S 19	1958.111	2624.464	2608.446	2609.454	2607.438	S 23
R 20	2114.213	2537.432	2521.414	2522.422	2520.406	R 22
A 21	2185.250	2381.331	2365.313	2366.320	2364.305	A 21
G 22	2242.271	2310.294	2294.275	2295.283	2293.268	G 20
L 23	2355.355	2253.273	2237.254	2238.262	2236.246	L 19
Q 24	2483.414	2149.189	2134.170	2135.178	2133.162	Q 18
F 25	2630.482	2012.130	1996.111	1997.119	1995.104	F 17
P 26	2727.535	1895.062	1849.043	1850.051	1848.035	P 16
V 27	2826.603	1768.009	1751.990	1752.998	1750.982	V 15
G 28	2883.625	1698.940	1652.922	1653.930	1651.914	G 14
R 29	3039.726	1611.919	1595.900	1596.908	1594.892	R 13
V 30	3138.764	1495.818	1439.799	1440.807	1438.791	V 12
H 31	3275.853	1356.749	1340.731	1341.739	1339.723	H 11
R 32	3431.954	1219.691	1203.672	1204.680	1202.664	R 10
L 33	3545.038	1063.589	1047.571	1048.579	1046.563	L 9
L 34	3658.123	950.505	934.487	935.495	933.479	L 8
R 35	3814.224	837.421	821.403	822.410	820.395	R 7
K 36	3932.319	683.300	667.282	668.290	666.274	K 6
G 37	3999.340	553.225	537.207	538.214	536.199	G 5
N 38	4113.383	496.204	480.185	481.193	479.177	N 4
Y 39	4276.446	382.161	366.142	367.150	365.134	Y 3
A 40	4347.483	219.098	203.079	204.087	202.071	A 2
E 41	4476.526	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.54
- ▶ F113278.dat
- ▶ query=q70034_p1
- ▶ precursor=747.090000
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2230.747	S(41)
G	2	102.553	2174.737	2166.738	0.904	2166.234	G(40)
R	3	180.603	2146.227	2138.217	2138.921	2137.713	R(39)
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G(38)
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K(37)
G	6	337.194	1975.616	1967.606	1968.110	1967.102	G(36)
G	7	365.703	1911.569	1903.579	1904.083	1903.075	G(35)
G	8	394.212	1883.078	1875.088	1875.592	1874.585	G(34)
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K(33)
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A(32)
R	11	571.829	1735.001	1746.992	1747.496	1746.488	R(31)
A	12	607.347	1669.954	1661.963	1662.468	1661.460	A(30)
K	13	671.395	1641.432	1633.423	1633.927	1632.919	K(29)
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A(28)
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K(27)
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S(26)
R	17	892.527	1434.302	1426.293	1426.797	1425.789	R(25)
S	18	928.038	1369.262	1348.243	1348.746	1347.739	S(24)
S	19	979.559	1312.736	1304.726	1305.230	1304.222	S(23)
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R(22)
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A(21)
G	22	1121.639	1135.051	1147.641	1148.145	1147.137	G(20)
L	23	1178.383	1119.140	1111.130	1111.634	1110.626	L(19)
Q	24	1242.211	1070.598	1062.589	1063.093	1062.085	Q(18)
F	25	1315.745	1008.599	998.559	999.063	998.055	F(17)
F	26	1364.271	933.034	925.025	925.529	924.521	F(16)
V	27	1413.805	884.508	876.499	877.003	876.995	V(15)
G	28	1462.316	834.974	826.965	827.469	826.461	G(14)
R	29	1520.369	806.483	798.454	798.958	797.950	R(13)
V	30	1569.901	729.413	720.403	720.907	719.899	V(12)
H	31	1638.430	678.878	670.869	671.373	670.365	H(11)
R	32	1716.481	610.349	602.340	602.843	601.835	R(10)
L	33	1773.023	532.289	524.280	524.783	523.785	L(9)
L	34	1829.568	478.756	469.747	469.251	468.243	L(8)
R	35	1907.615	419.214	411.205	411.709	410.701	R(7)
K	36	1971.663	341.164	333.154	333.658	332.650	K(6)
G	37	2050.174	277.116	269.107	269.611	268.603	G(5)
N	38	2057.195	248.606	240.596	241.100	240.092	N(4)
V	39	2136.727	181.564	183.575	184.079	183.071	V(3)
A	40	2144.245	110.026	102.043	102.547	101.539	A(2)
E	41	2238.767	74.534	66.524	67.028	66.021	E(1)

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=41.54
- ▶ F113278.dat
- ▶ query=q70034_p1
- ▶ precursor=747.090000
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	48.607	1492.178	1487.835	0.872	3487.404	S(1)
G	2	66.704	1450.181	1444.521	0.672	1444.485	G(2)
R	3	130.718	1431.154	1425.814	1426.150	1425.478	R(3)
G	4	139.745	1379.120	1373.780	1374.116	1373.444	G(38)
K	5	182.443	1360.113	1354.773	1355.109	1354.437	K(37)
Q	6	225.130	1317.414	1312.075	1312.411	1311.730	Q(36)
G	7	244.137	1274.726	1269.389	1268.725	1269.055	G(35)
G	8	263.144	1255.721	1250.381	1250.717	1250.045	G(34)
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K(33)
A	10	329.521	1194.016	1188.676	1189.012	1188.340	A(32)
R	11	381.555	1170.336	1164.997	1165.333	1164.661	R(31)
A	12	405.234	1138.303	1133.963	1133.299	1133.593	A(30)
K	13	447.932	1094.624	1089.284	1089.620	1088.948	K(29)
A	14	471.611	1051.925	1046.586	1046.922	1046.250	A(28)
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K(27)
S	16	543.320	985.548	980.208	980.544	979.873	S(26)
K	17	595.254	956.517	951.198	951.534	950.862	K(25)
S	18	624.266	904.504	899.164	899.500	898.828	S(24)
S	19	653.375	875.493	870.153	870.489	869.817	S(23)
R	20	705.409	846.482	841.143	841.479	840.807	R(22)
A	21	729.088	794.449	789.109	789.445	788.773	A(21)
G	22	748.095	770.770	765.430	765.766	765.094	G(20)
L	23	785.790	751.762	746.423	746.759	746.087	L(19)
Q	24	828.476	724.085	718.745	719.084	718.312	Q(18)
F	25	877.409	671.382	666.042	666.378	665.706	F(17)
F	26	909.950	622.359	617.019	617.355	616.683	F(16)
V	27	942.873	590.006	584.666	585.004	584.332	V(15)
G	28	961.880	558.985	553.645	553.981	553.309	G(14)
R	29	1013.914	537.978	532.638	532.974	532.302	R(13)
V	30	1046.936	485.944	480.604	480.941	480.269	V(12)
H	31	1092.623	452.921	447.581	447.918	447.246	H(11)
R	32	1184.656	407.235	401.895	402.231	401.560	R(10)
L	33	1182.351	355.201	349.862	350.198	349.526	L(9)
L	34	1227.814	319.509	314.169	314.505	313.833	L(8)
R	35	1272.879	279.812	274.472	274.808	274.136	R(7)
K	36	1314.778	227.778	222.438	222.775	222.103	K(6)
G	37	1331.785	185.880	179.740	180.076	179.404	G(5)
N	38	1371.799	166.873	160.733	161.069	160.397	N(4)
V	39	1426.154	138.098	132.758	133.095	132.423	V(3)
A	40	1449.813	93.344	88.004	88.340	87.668	A(2)
E	41	1492.847	50.025	44.685	45.021	44.349	E(1)

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=41.54
- ▶ F113278.dat
- ▶ query=q70034_p1
- ▶ precursor=747.090000
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.526	1120.133	1116.138	0.755	1115.878	S 41
G 2	51.780	1087.872	1083.868	0.755	1083.618	G 40
R 3	90.805	1073.617	1069.612	1069.864	1069.360	R 39
G 4	105.061	1034.592	1030.587	1030.839	1030.335	G 38
K 5	137.084	1020.336	1016.332	1016.384	1016.080	K 37
Q 6	169.099	988.313	984.308	984.560	984.056	Q 36
G 7	183.394	996.288	992.293	992.545	992.041	G 35
G 8	197.610	942.043	938.038	938.290	937.786	G 34
K 9	229.633	927.787	923.783	924.034	923.531	K 33
A 10	247.393	895.763	891.758	892.011	891.507	A 32
R 11	286.418	878.004	874.009	874.251	873.748	R 31
A 12	304.177	838.978	834.974	835.226	834.723	A 30
K 13	338.201	821.220	817.215	817.467	816.964	K 29
A 14	353.960	789.198	785.191	785.443	784.939	A 28
K 15	385.984	771.437	767.432	767.684	767.180	K 27
S 16	407.742	739.413	735.408	735.660	735.156	S 26
R 17	446.767	717.695	713.690	713.942	713.438	R 25
S 18	468.526	678.639	674.635	674.887	674.374	S 24
S 19	490.283	656.872	652.867	653.119	652.615	S 23
R 20	529.309	635.114	631.109	631.361	630.857	R 22
A 21	547.068	606.089	602.084	602.336	601.833	A 21
G 22	561.323	578.329	574.324	574.576	574.072	G 20
L 23	589.594	564.074	560.069	560.321	559.817	L 19
Q 24	623.609	635.803	631.798	632.050	631.546	Q 18
F 25	658.376	503.788	499.783	500.035	499.531	F 17
P 26	682.639	487.021	483.016	483.268	482.764	P 16
V 27	707.406	442.758	438.753	439.005	438.501	V 15
G 28	721.662	417.991	413.986	414.238	413.734	G 14
R 29	760.687	401.735	397.731	399.982	399.478	R 13
V 30	783.434	384.710	380.705	380.957	380.453	V 12
H 31	819.719	339.943	335.938	336.190	335.686	H 11
R 32	858.744	305.676	301.673	301.925	301.421	R 10
L 33	887.015	266.651	262.646	262.900	262.396	L 9
L 34	915.286	238.382	234.377	234.629	234.125	L 8
R 35	957.511	210.111	206.106	206.358	205.854	R 7
K 36	986.135	171.086	167.081	167.333	166.829	K 6
G 37	1000.590	139.062	135.057	135.309	134.805	G 5
N 38	1029.101	124.808	120.803	121.054	120.550	N 4
Y 39	1069.867	96.296	92.291	92.543	92.039	Y 3
A 40	1087.636	55.530	51.525	51.777	51.273	A 2
E 41	1119.887	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

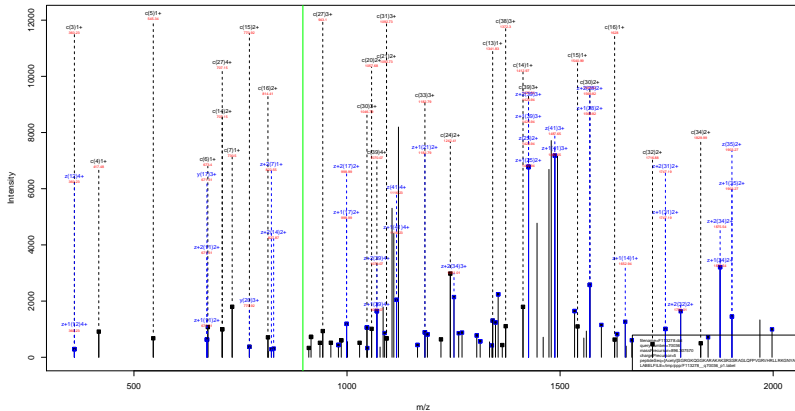
[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=41.54
- ▶ F113278.dat
- ▶ query=q70034_p1
- ▶ precursor=747.090000
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	896.308	893.104	0.806	892.903	S[41]
G[2]	41.625	870.499	867.296	0.806	867.094	G[40]
R[3]	72.846	859.095	855.891	856.093	855.890	R[39]
G[4]	84.250	827.875	824.671	824.673	824.469	G[38]
K[5]	109.869	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.481	790.852	787.648	787.849	787.446	Q[36]
G[7]	148.885	786.240	782.036	782.238	781.834	G[35]
G[8]	158.289	753.836	750.632	750.833	750.430	G[34]
K[9]	183.908	742.431	739.227	739.429	739.026	K[33]
A[10]	198.116	716.812	713.608	713.810	713.407	A[32]
R[11]	229.336	702.605	699.401	699.603	699.199	R[31]
A[12]	243.543	671.385	668.181	668.382	667.979	A[30]
K[13]	269.162	667.177	653.973	654.175	653.772	K[29]
A[14]	283.370	631.558	628.354	628.556	628.153	A[28]
K[15]	308.989	617.351	614.147	614.349	613.945	K[27]
S[16]	326.395	591.732	588.528	588.730	588.326	S[26]
R[17]	357.615	574.325	571.122	571.323	570.920	R[25]
S[18]	373.022	543.105	539.901	540.103	539.700	S[24]
S[19]	392.428	528.699	522.495	522.697	522.293	S[23]
R[20]	423.648	508.292	505.089	505.290	504.887	R[22]
A[21]	437.856	477.072	473.868	474.070	473.667	A[21]
G[22]	449.260	462.865	459.661	459.862	459.459	G[20]
L[23]	471.877	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.489	428.844	425.640	425.841	425.438	Q[18]
F[25]	526.902	403.232	400.028	400.230	399.827	F[17]
P[26]	546.313	373.818	370.614	370.816	370.413	P[16]
V[27]	566.126	354.408	351.204	351.405	351.002	V[15]
G[28]	577.531	334.594	331.390	331.592	331.189	G[14]
R[29]	608.751	323.190	319.986	320.187	319.784	R[13]
V[30]	628.565	291.969	288.765	288.967	288.564	V[12]
H[31]	655.976	272.156	268.952	269.154	268.750	H[11]
R[32]	687.197	244.744	241.540	241.742	241.339	R[10]
L[33]	709.814	213.524	210.320	210.522	210.118	L[0]
L[34]	732.430	190.907	187.703	187.905	187.502	L[8]
R[35]	763.651	168.290	165.086	165.288	164.885	R[7]
K[36]	789.270	137.070	133.866	134.068	133.665	K[6]
G[37]	800.674	111.451	108.247	108.449	108.046	G[5]
N[38]	823.482	100.047	96.843	97.044	96.641	N[4]
Y[39]	856.095	77.238	74.034	74.236	73.833	Y[3]
A[40]	870.303	44.625	41.422	41.623	41.220	A[2]
E[41]	896.111	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKSRSSRAGLQFPVGRVHLLRKGNYAE



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.84
- ▶ F113278.dat
- ▶ query=q70036.p1
- ▶ precursor=896.307570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.530	4461.481	0.000	4460.483	S[41]
G	2	204.098	4348.467	4332.440	0.000	4331.441	G[40]
R	3	300.199	4291.448	4275.429	4276.435	4274.419	R[39]
G	4	417.220	4135.345	4119.320	4120.334	4118.310	G[38]
K	5	545.315	4078.323	4062.305	4063.313	4061.297	K[37]
Q	6	673.374	3926.208	3910.210	3910.218	3913.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.142	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3590.032	3574.013	3575.021	3573.005	A[32]
R	11	1142.650	3538.995	3492.970	3493.984	3491.966	R[31]
A	12	1211.697	3352.894	3336.875	3337.883	3339.867	A[30]
R	13	1341.782	3281.857	3265.838	3266.846	3264.830	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2867.588	2851.570	2852.567	2850.551	R[25]
S	18	1871.079	2713.466	2697.447	2698.456	2696.440	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2491.431	2485.413	2486.420	2484.405	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.266	G[20]
L	23	2355.308	2233.273	2217.256	2218.262	2216.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2012.130	1996.111	1997.110	1995.104	F[17]
F	26	2727.535	1895.062	1849.043	1850.051	1848.035	F[16]
V	27	2826.603	1768.009	1753.990	1752.998	1750.982	V[15]
G	28	2883.625	1668.940	1652.922	1653.930	1651.914	G[14]
D	29	3030.726	1611.919	1595.900	1596.908	1594.892	D[13]
H	30	3138.784	1495.818	1479.799	1480.807	1478.791	H[12]
H	31	3275.853	1356.749	1340.731	1341.739	1339.723	H[11]
R	32	3431.964	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.123	950.500	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.395	R[7]
K	36	3942.319	681.320	665.302	666.309	664.293	K[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	496.204	480.185	481.193	479.177	N[4]
V	39	4276.446	382.101	366.143	367.150	365.134	V[3]
A	40	4347.483	219.098	203.070	204.087	202.071	A[2]
E	41	4476.526	148.060	132.040	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.84
- ▶ F113278.dat
- ▶ query=q70036.p1
- ▶ precursor=896.307570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	74.062	2039.259	2231.260	0.804	2230.147	S[41]
G	2	102.553	2174.737	2266.726	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2117.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	327.194	1975.616	1967.607	1968.112	1967.105	G[36]
G	7	385.703	1913.569	1903.579	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1746.992	1747.496	1746.489	R[31]
A	12	609.889	1668.963	1660.953	1661.458	1660.437	A[30]
K	13	671.395	1643.432	1633.423	1633.927	1632.919	K[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	852.527	1404.362	1426.283	1426.787	1425.789	R[25]
S	18	936.043	1356.363	1348.243	1348.746	1347.739	S[24]
S	19	979.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1178.183	1127.146	1128.137	1129.130	1128.122	L[19]
Q	24	1242.211	1063.586	1062.580	1063.083	1062.075	Q[18]
F	25	1315.745	1006.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.500	876.490	877.003	876.005	V[15]
G	28	1482.216	834.974	826.965	827.468	826.461	G[14]
R	29	1530.369	806.483	808.474	808.978	807.970	R[13]
V	30	1569.901	728.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.481	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.289	524.280	524.783	523.785	L[9]
L	34	1829.565	478.756	469.747	469.250	468.242	L[8]
R	35	1907.618	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.227	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.017	102.521	101.513	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.84
- ▶ F113278.dat
- ▶ query=q70036.p1
- ▶ precursor=896.307570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1493.175	1487.835	0.672	1487.499	S 41
G 2	68.704	1450.161	1444.821	0.672	1444.455	G 40
R 3	130.738	1431.154	1425.814	1426.150	1425.478	R 39
K 4	139.745	1379.120	1373.780	1374.116	1373.444	K 38
K 5	162.443	1360.113	1354.773	1355.109	1354.437	K 37
Q 6	235.330	1317.414	1312.075	1312.411	1311.761	Q 36
G 7	244.137	1274.725	1268.785	1269.725	1269.051	G 35
G 8	263.144	1255.721	1250.381	1250.717	1250.045	G 34
K 9	305.842	1236.714	1231.374	1231.710	1231.038	K 33
A 10	320.521	1194.015	1188.676	1189.012	1188.340	A 32
R 11	381.555	1170.136	1164.997	1165.333	1164.661	R 31
A 12	409.234	1118.303	1112.963	1113.299	1112.627	A 30
R 13	447.932	1094.024	1089.254	1089.620	1088.948	R 29
A 14	471.611	1051.925	1046.586	1046.922	1046.250	A 28
K 15	514.310	1028.246	1022.907	1023.243	1022.571	K 27
S 16	543.320	985.548	980.208	980.544	979.873	S 26
R 17	595.354	956.537	951.198	951.534	950.862	R 25
S 18	624.368	924.924	919.164	919.500	918.828	S 24
S 19	653.375	875.493	870.153	870.489	869.817	S 23
R 20	705.409	846.483	841.143	841.479	840.807	R 22
A 21	729.088	794.449	789.109	789.445	788.773	A 21
G 22	748.095	770.770	765.430	765.766	765.094	G 20
L 23	785.730	731.762	746.423	746.759	746.087	L 19
Q 24	828.478	714.069	708.729	709.064	708.392	Q 19
F 25	877.409	671.382	666.042	666.378	665.706	F 17
F 26	909.850	622.359	617.019	617.355	616.683	F 16
V 27	942.873	590.028	584.688	585.024	584.352	V 15
G 28	961.880	556.985	551.645	551.981	551.309	G 14
V 29	1013.014	437.878	432.538	432.874	432.202	V 13
V 30	1046.936	488.944	483.604	483.941	483.269	V 12
H 31	1092.623	452.921	447.581	447.918	447.246	H 11
R 32	1144.656	407.735	402.395	402.731	402.059	R 10
L 33	1182.351	355.201	349.861	350.198	349.526	L 9
L 34	1220.046	317.507	312.167	312.503	311.831	L 8
R 35	1272.079	279.812	274.472	274.808	274.136	R 7
K 36	1314.778	237.778	232.438	232.775	232.103	K 6
G 37	1333.785	185.080	179.740	180.076	179.404	G 5
N 38	1371.799	166.073	160.733	161.069	160.397	N 4
V 39	1426.154	128.058	122.719	123.055	122.383	V 3
A 40	1449.831	73.704	68.364	68.700	68.028	A 2
E 41	1492.387	30.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN⁺YAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=71.84
- ▶ F113278.dat
- ▶ query=q70036.p1
- ▶ precursor=896.307570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#=1	#=2	#=3	AA
S[1]	37.505	1120.147	1116.128	0.705	1115.876	S[41]
G[2]	51.780	1087.872	1053.585	0.795	1023.610	G[40]
R[3]	90.805	1073.617	1069.612	1069.864	1069.360	R[39]
G[4]	109.061	1034.592	1030.587	1030.839	1030.135	G[38]
K[5]	137.084	1020.139	1016.332	1016.584	1016.080	K[37]
Q[6]	169.059	998.312	994.305	994.556	994.050	Q[36]
G[7]	183.354	956.296	952.291	952.542	952.044	G[35]
G[8]	197.610	942.043	938.038	938.290	937.792	G[34]
K[9]	229.633	927.787	923.783	924.034	923.531	K[33]
A[10]	247.393	895.763	891.759	892.011	891.507	A[32]
R[11]	286.418	878.004	873.999	874.251	873.748	R[31]
A[12]	354.177	838.979	834.974	835.226	834.722	A[30]
K[13]	336.201	821.220	817.215	817.467	816.964	K[29]
A[14]	353.980	789.190	785.185	785.443	784.939	A[28]
K[15]	385.904	771.431	767.422	767.684	767.180	K[27]
S[16]	407.742	739.413	735.408	735.660	735.156	S[26]
R[17]	446.767	717.955	713.950	714.202	713.700	R[25]
S[18]	468.526	678.930	674.925	675.177	674.674	S[24]
S[19]	490.283	656.972	652.967	653.219	652.715	S[23]
R[20]	529.309	635.114	631.109	631.361	630.857	R[22]
A[21]	547.088	596.089	592.084	592.336	591.832	A[21]
Q[22]	561.323	578.329	574.324	574.576	574.072	Q[20]
L[23]	589.984	654.074	650.069	650.321	649.817	L[19]
Q[24]	621.609	535.803	531.798	532.050	531.546	Q[18]
F[25]	658.376	503.789	499.783	500.035	499.531	F[17]
F[26]	662.639	467.021	463.016	463.268	462.764	F[16]
V[27]	707.406	442.750	438.753	439.005	438.501	V[15]
Q[28]	721.662	417.991	413.985	414.238	413.734	Q[14]
R[29]	760.687	403.735	399.711	399.962	399.458	R[13]
V[30]	785.454	364.710	360.705	360.957	360.453	V[12]
H[31]	816.710	339.843	335.938	336.190	335.686	H[11]
R[32]	858.744	305.678	301.673	301.925	301.421	R[10]
L[33]	887.615	266.657	262.648	262.900	262.396	L[9]
L[34]	915.286	238.362	234.377	234.628	234.123	L[8]
R[35]	934.311	210.111	206.100	206.352	205.852	R[7]
K[36]	966.335	171.088	167.081	167.333	166.829	K[6]
G[37]	1000.590	139.062	135.057	135.309	134.805	G[5]
N[38]	1029.101	124.806	120.802	121.054	120.550	N[4]
V[39]	1069.867	96.296	92.291	92.543	92.039	V[3]
A[40]	1097.636	58.530	54.525	54.777	54.272	A[2]
E[41]	1119.887	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.87
- ▶ F113278.dat
- ▶ query=q70038.p1
- ▶ precursor=747.091020
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.515	4481.491	0.000	4460.481	S[41]
G	2	304.098	4348.467	4332.440	0.000	4331.441	G[40]
R	3	360.199	4291.446	4275.427	4276.435	4274.419	R[39]
G	4	417.270	4135.345	4119.326	4120.334	4118.319	G[38]
K	5	545.315	4078.323	4062.305	4063.313	4061.291	K[37]
Q	6	673.174	3950.228	3934.210	3935.218	3933.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3680.032	3664.013	3665.021	3663.005	A[32]
R	11	1142.650	3558.995	3492.975	3493.984	3491.968	R[31]
A	12	1213.687	3352.984	3336.975	3337.983	3335.966	A[30]
R	13	1541.782	3281.857	3265.838	3266.846	3264.830	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2887.598	2871.579	2872.587	2870.571	R[25]
S	18	1871.079	2711.496	2695.477	2696.486	2694.470	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.266	G[20]
L	23	2355.355	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2022.130	1996.111	1997.119	1995.104	F[17]
F	26	2727.538	1885.062	1849.043	1850.051	1848.035	F[16]
V	27	2826.603	1768.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1658.940	1652.922	1653.930	1651.914	G[14]
R	29	3039.726	1611.919	1595.900	1596.908	1594.892	R[13]
V	30	3138.784	1485.818	1439.799	1440.807	1438.791	V[12]
H	31	3275.853	1356.740	1340.721	1341.730	1339.713	H[11]
R	32	3431.954	1219.601	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.509	1047.571	1048.579	1046.563	L[9]
L	34	3658.123	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.395	R[7]
K	36	3932.319	681.320	665.302	666.309	664.293	K[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	496.204	480.185	481.193	479.177	N[4]
Y	39	4276.446	382.161	366.142	367.150	365.134	Y[3]
A	40	4347.483	219.098	203.079	204.087	202.071	A[2]
E	41	4476.526	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.87
- ▶ F113278.dat
- ▶ query=q70038.p1
- ▶ precursor=747.091020
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	2239.250	2231.240	0.504	2230.740	S 41
G 2	102.553	2174.737	2166.726	0.504	2166.234	G 40
R 3	180.603	2146.227	2138.217	2138.721	2137.711	R 39
G 4	209.114	2068.178	2060.167	2060.671	2059.663	G 38
K 5	273.161	2039.665	2031.656	2032.160	2031.152	K 37
Q 6	337.193	1975.613	1967.600	1968.112	1967.105	Q 36
G 7	365.703	1911.560	1903.570	1904.083	1903.075	G 35
G 8	394.212	1883.078	1875.088	1875.572	1874.565	G 34
K 9	458.260	1854.567	1846.558	1847.062	1846.054	K 33
A 10	493.778	1790.520	1782.510	1783.014	1782.006	A 32
R 11	577.829	1755.001	1746.992	1747.496	1746.488	R 31
A 12	607.347	1676.951	1668.941	1669.445	1668.437	A 30
R 13	671.395	1641.432	1633.423	1633.927	1632.919	R 29
A 14	706.913	1577.384	1569.375	1569.879	1568.871	A 28
K 15	770.961	1541.866	1533.857	1534.360	1533.351	K 27
S 16	814.477	1477.818	1469.809	1470.313	1469.305	S 26
R 17	892.527	1434.302	1426.293	1426.797	1425.789	R 25
S 18	938.833	1359.252	1351.243	1351.746	1350.739	S 24
S 19	979.559	1312.736	1304.726	1305.230	1304.223	S 23
R 20	1057.610	1269.220	1261.210	1261.714	1260.707	R 22
A 21	1093.128	1191.169	1183.160	1183.664	1182.656	A 21
G 22	1121.639	1155.651	1147.641	1148.145	1147.137	G 20
L 23	1178.303	1127.145	1119.135	1119.639	1118.631	L 19
Q 24	1242.211	1070.590	1062.589	1063.093	1062.085	Q 19
F 25	1315.748	1008.566	998.559	999.063	998.055	F 17
F 26	1364.271	933.034	925.025	925.529	924.521	F 16
V 27	1413.805	884.506	876.499	877.003	875.995	V 15
G 28	1442.316	834.974	826.965	827.468	826.461	G 14
R 29	1525.387	809.463	798.454	798.958	797.950	R 13
V 30	1569.901	728.931	720.921	721.425	720.419	V 12
H 31	1638.430	678.878	670.869	671.373	670.365	H 11
R 32	1716.481	610.340	602.330	602.833	601.826	R 10
L 33	1773.023	532.298	524.289	524.793	523.785	L 9
L 34	1826.565	475.756	467.747	468.251	467.243	L 8
R 35	1867.615	419.214	411.205	411.709	410.701	R 7
K 36	1971.663	341.184	333.174	333.678	332.670	K 6
G 37	2000.174	277.116	269.107	269.611	268.603	G 5
N 38	2067.195	248.606	240.596	241.100	240.092	N 4
V 39	2138.727	191.584	183.575	184.079	183.071	V 3
A 40	2174.245	116.052	108.043	108.547	107.539	A 2
E 41	2238.787	74.532	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGN^{YAE}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=41.87
- ▶ F113278.dat
- ▶ query=q70038.p1
- ▶ precursor=747.091020
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.607	1492.178	1487.835	0.872	3487.404	S[1]
G	2	66.704	1450.181	1444.521	0.672	1444.485	G[2]
R	3	1307.180	1431.154	1425.814	1420.150	1425.478	R[3]
G	4	139.745	1379.120	1373.780	1374.116	1373.444	G[3]
K	5	182.443	1360.113	1354.773	1355.109	1354.437	K[37]
Q	6	225.130	1347.444	1312.075	1312.411	1311.730	Q[58]
G	7	244.137	1314.725	1265.389	1269.725	1269.055	G[55]
G	8	263.144	1295.721	1256.381	1250.717	1250.045	G[34]
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.521	1194.010	1188.070	1189.012	1188.340	A[32]
R	11	381.555	1170.336	1164.907	1165.233	1164.661	R[31]
A	12	405.234	1133.303	1113.902	1113.998	1112.929	A[38]
K	13	447.932	1094.624	1089.284	1089.620	1085.942	K[29]
A	14	491.611	1051.925	1046.530	1046.922	1046.250	A[28]
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.320	985.548	980.208	980.544	979.873	S[26]
R	17	595.254	956.537	951.198	951.534	950.862	R[25]
S	18	624.365	904.504	882.134	882.800	880.520	S[24]
S	19	653.375	875.493	870.153	870.489	869.817	S[23]
R	20	705.409	846.482	841.143	841.479	840.807	R[22]
A	21	729.088	794.449	780.109	780.445	780.773	A[21]
Q	22	748.095	770.710	765.430	765.766	765.094	Q[20]
L	23	785.790	751.762	746.423	746.759	746.087	L[19]
Q	24	828.476	714.085	708.725	709.064	708.392	Q[18]
F	25	877.409	671.382	666.042	666.378	665.706	F[17]
F	26	909.950	622.359	617.019	617.355	616.683	F[16]
V	27	942.873	590.006	584.668	585.004	584.332	V[15]
Q	28	961.860	556.985	551.645	551.981	551.309	Q[14]
R	29	1013.914	519.976	514.638	514.974	514.302	R[13]
V	30	1046.936	485.944	480.605	480.941	480.269	V[12]
H	31	1092.623	452.921	447.582	447.918	447.246	H[11]
R	32	1144.656	407.235	401.895	402.231	401.560	R[10]
L	33	1182.351	355.201	349.862	350.198	349.526	L[9]
L	34	1230.646	319.509	314.169	314.505	313.833	L[8]
R	35	1272.019	273.812	274.472	274.808	274.136	R[7]
K	36	1314.778	227.778	222.439	222.775	222.103	K[6]
G	37	1333.785	185.880	179.740	180.076	179.404	G[5]
N	38	1371.799	146.873	140.733	141.069	140.397	N[4]
V	39	1426.154	108.098	102.719	103.055	102.383	V[3]
A	40	1443.813	73.344	68.384	68.720	68.048	A[2]
E	41	1492.847	30.025	44.638	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=41.87
- ▶ F113278.dat
- ▶ query=q70038.p1
- ▶ precursor=747.091020
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#=1	#=2	#=3	#=4	AA
S	1	37.505	1120.133	1116.128	0.705	1115.876	S[41]
G	2	51.780	1027.872	1063.565	0.795	1083.610	G[40]
R	3	90.805	1073.617	1069.612	1069.804	1069.360	R[39]
G	4	109.001	1034.502	1030.587	1030.839	1030.135	G[38]
K	5	137.084	1020.139	1016.332	1016.584	1016.080	K[37]
G	6	169.059	998.312	994.308	994.260	996.223	G[36]
G	7	193.354	956.296	952.293	952.545	952.041	G[35]
G	8	197.610	942.043	938.038	938.290	937.995	G[34]
K	9	229.633	927.787	923.783	924.034	923.531	K[33]
A	10	247.393	895.763	891.759	892.011	891.507	A[32]
R	11	286.418	878.004	873.999	874.251	873.748	R[31]
A	12	304.177	838.979	834.974	835.226	834.722	A[30]
R	13	336.201	821.220	817.215	817.467	816.963	R[29]
A	14	353.960	789.199	785.194	785.443	784.939	A[28]
K	15	385.984	771.437	767.432	767.684	767.180	K[27]
S	16	407.742	739.413	735.408	735.660	735.156	S[26]
R	17	446.767	717.955	713.950	714.202	713.698	R[25]
S	18	468.526	678.930	674.925	674.977	674.977	S[24]
S	19	490.283	656.972	652.967	653.119	652.615	S[23]
R	20	529.309	635.114	631.109	631.361	630.857	R[22]
A	21	547.068	596.089	592.084	592.336	591.832	A[21]
G	22	561.323	578.329	574.324	574.576	574.072	G[20]
L	23	589.084	648.074	644.069	644.321	643.817	L[19]
Q	24	621.609	535.803	531.798	532.050	531.546	Q[18]
F	25	658.376	503.789	499.783	500.035	499.531	F[17]
F	26	662.639	467.021	463.016	463.268	462.764	F[16]
V	27	707.406	442.750	438.753	439.005	438.501	V[15]
G	28	721.662	417.991	413.986	414.238	413.734	G[14]
R	29	760.687	403.735	399.711	399.963	399.459	R[13]
V	30	785.454	364.710	360.705	360.957	360.453	V[12]
H	31	819.719	339.643	335.638	336.100	335.600	H[11]
R	32	858.744	305.678	301.673	301.925	301.421	R[10]
L	33	887.015	266.653	262.648	262.900	262.396	L[9]
L	34	915.286	238.362	234.357	234.609	234.105	L[8]
R	35	954.310	210.111	206.106	206.358	205.854	R[7]
K	36	986.335	171.086	167.081	167.333	166.829	K[6]
G	37	1006.590	139.062	135.057	135.309	134.805	G[5]
N	38	1029.101	124.806	120.802	121.054	120.550	N[4]
V	39	1069.867	96.296	92.291	92.543	92.039	V[3]
A	40	1097.626	58.530	54.525	54.777	54.273	A[2]
E	41	1119.887	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=41.87
- ▶ F113278.dat
- ▶ query=q70038_p1
- ▶ precursor=747.091020
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	896.308	893.104	0.806	892.903	S	41
G	2	41.625	870.499	867.296	0.806	867.094	G	40
R	3	72.846	859.095	855.891	856.093	855.690	R	39
G	4	84.250	827.875	824.671	824.873	824.469	G	38
K	5	109.869	816.471	813.267	813.468	813.065	K	37
Q	6	135.481	790.952	787.648	787.849	787.446	Q	36
G	7	146.885	765.240	762.036	762.238	761.834	G	35
G	8	158.289	751.836	750.632	750.833	750.430	G	34
K	9	183.908	742.431	739.227	739.429	739.026	K	33
A	10	198.116	716.812	713.608	713.810	713.407	A	32
R	11	229.336	702.605	699.401	699.603	699.199	R	31
A	12	243.543	671.385	668.181	668.382	667.979	A	30
K	13	269.162	657.177	653.973	654.175	653.772	K	29
A	14	283.370	631.558	628.354	628.556	628.153	A	28
K	15	308.989	617.351	614.147	614.349	613.945	K	27
S	16	326.395	591.732	588.528	588.730	588.326	S	26
R	17	357.615	574.325	571.122	571.323	570.920	R	25
S	18	375.022	548.105	539.901	540.103	539.700	S	24
S	19	392.428	525.689	522.485	522.687	522.283	S	23
R	20	423.648	508.282	505.079	505.280	504.877	R	22
A	21	437.856	477.072	473.868	474.070	473.667	A	21
G	22	449.260	462.865	459.661	459.862	459.459	G	20
L	23	471.877	451.460	448.257	448.458	448.055	L	19
Q	24	497.489	428.844	425.640	425.841	425.438	Q	18
F	25	528.902	403.232	400.028	400.230	399.827	F	17
P	26	546.313	373.816	370.614	370.816	370.413	P	16
V	27	565.126	354.408	351.204	351.405	351.002	V	15
G	28	577.531	334.594	331.390	331.592	331.189	G	14
R	29	608.751	323.190	319.986	320.187	319.784	R	13
V	30	628.565	291.969	288.766	288.967	288.564	V	12
H	31	658.976	272.156	268.952	269.154	268.750	H	11
K	32	687.197	244.744	241.540	241.742	241.339	K	10
L	33	709.814	213.524	210.320	210.522	210.118	L	9
L	34	732.430	190.907	187.703	187.905	187.502	L	8
R	35	763.651	168.290	165.086	165.288	164.885	R	7
K	36	789.270	137.070	133.866	134.068	133.665	K	6
G	37	830.074	111.451	108.247	108.449	108.046	G	5
N	38	823.482	100.047	96.843	97.044	96.641	N	4
V	39	856.095	77.238	74.034	74.236	73.833	V	3
A	40	870.303	44.625	41.422	41.623	41.220	A	2
E	41	896.111	30.418	27.214	27.416	27.013	E	1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.38
- ▶ F113278.dat
- ▶ query=q70050.p1
- ▶ precursor=747.091330
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4477.530	4461.481	0.000	4460.483	S 41
G 2	204.098	4348.467	4332.440	0.000	4331.441	G 40
R 3	360.199	4291.448	4275.429	4276.435	4274.419	R 39
G 4	417.220	4135.345	4119.320	4120.334	4118.318	G 38
K 5	545.315	4078.323	4062.305	4063.313	4061.297	K 37
Q 6	673.374	3926.208	3910.210	3915.218	3913.202	Q 36
G 7	730.395	3822.170	3806.151	3807.159	3805.143	G 35
G 8	787.417	3765.148	3749.130	3750.138	3748.122	G 34
K 9	915.512	3708.127	3692.108	3693.116	3691.100	K 33
A 10	986.549	3590.032	3574.013	3575.021	3573.005	A 32
R 11	1142.850	3538.995	3492.970	3493.984	3491.968	R 31
A 12	1211.897	3352.894	3336.875	3337.883	3335.867	A 30
R 13	1341.782	3281.857	3265.838	3266.846	3264.830	R 29
A 14	1412.819	3153.762	3137.743	3138.751	3136.735	A 28
K 15	1540.914	3082.725	3066.706	3067.714	3065.698	K 27
S 16	1627.946	2954.630	2938.611	2939.619	2937.603	S 26
R 17	1784.047	2867.598	2851.579	2852.587	2850.571	R 25
S 18	1871.079	2713.495	2697.476	2698.483	2696.467	S 24
S 19	1958.111	2624.464	2608.445	2609.454	2607.438	S 23
R 20	2114.213	2537.432	2521.414	2522.422	2520.406	R 22
A 21	2185.250	2491.331	2485.313	2486.320	2484.305	A 21
G 22	2242.271	2310.284	2294.275	2295.283	2293.268	G 20
L 23	2355.308	2233.273	2217.264	2218.272	2216.256	L 19
Q 24	2483.414	2149.189	2134.179	2135.178	2133.162	Q 19
F 25	2630.482	2012.130	1996.111	1997.119	1995.104	F 17
F 26	2727.535	1895.062	1849.043	1850.051	1848.035	F 16
V 27	2826.603	1768.009	1753.990	1752.998	1750.982	V 15
G 28	2883.625	1668.940	1652.922	1653.930	1651.914	G 14
D 29	2930.720	1613.919	1595.900	1596.908	1594.892	D 13
L 30	3138.794	1495.818	1479.799	1480.807	1478.791	L 12
H 31	3275.853	1356.749	1340.731	1341.739	1339.723	H 11
R 32	3431.964	1219.691	1203.672	1204.680	1202.664	R 10
L 33	3545.038	1063.589	1047.571	1048.579	1046.563	L 9
L 34	3658.123	950.500	934.487	935.495	933.479	L 8
R 35	3814.224	837.421	821.403	822.410	820.395	R 7
K 36	3942.319	681.320	665.302	666.309	664.293	K 6
G 37	3999.340	553.225	537.207	538.214	536.199	G 5
N 38	4113.383	496.204	480.185	481.193	479.177	N 4
V 39	4276.446	382.161	366.143	367.150	365.134	V 3
A 40	4347.483	219.098	203.079	204.087	202.071	A 2
E 41	4476.528	148.060	132.040	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.38
- ▶ F113278.dat
- ▶ query=q70050_p1
- ▶ precursor=747.091330
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s=1	#s=2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2230.147	S[41]
G	2	102.553	2174.737	2166.738	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2137.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.181	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	327.194	1975.618	1967.609	1968.112	1967.105	G[36]
G	7	385.703	1911.569	1903.570	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.088	1875.592	1874.585	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1726.992	1727.496	1726.488	R[31]
A	12	607.347	1678.951	1669.941	1669.945	1668.937	A[30]
K	13	671.395	1641.433	1633.423	1633.927	1632.919	K[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	928.618	1369.263	1360.253	1360.756	1359.748	S[24]
S	19	970.559	1312.736	1304.726	1305.230	1304.222	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.051	1127.041	1148.145	1147.137	G[20]
L	23	1178.383	1119.140	1110.130	1110.633	1109.625	L[19]
Q	24	1242.211	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1315.745	1008.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.508	876.499	877.003	875.995	V[15]
G	28	1462.316	834.974	826.965	827.468	826.461	G[14]
R	29	1520.369	808.483	798.454	798.958	797.950	R[13]
V	30	1569.901	728.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.481	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.289	524.280	524.783	523.775	L[9]
L	34	1829.568	478.756	469.747	469.250	468.242	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2138.727	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.043	102.546	101.538	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.38
- ▶ F113278.dat
- ▶ query=q70050.p1
- ▶ precursor=747.091330
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	s+1	s+2	z	AA	
S	1	48.607	1492.178	1487.835	0.872	3487.404	S[41]
G	2	66.704	1450.181	1444.521	0.672	1444.485	G[40]
R	3	130.718	1431.154	1425.814	1426.150	1425.478	R[30]
G	4	139.745	1379.120	1373.780	1374.416	1373.444	G[38]
K	5	182.443	1360.113	1354.773	1355.109	1354.437	K[37]
G	6	225.130	1317.414	1312.075	1312.411	1311.730	G[36]
G	7	244.137	1274.725	1269.389	1269.725	1269.045	G[35]
G	8	263.144	1235.721	1230.381	1230.717	1230.045	G[34]
K	9	306.842	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.521	1194.016	1189.076	1189.012	1188.340	A[32]
R	11	381.555	1170.338	1164.997	1165.333	1164.661	R[31]
A	12	405.234	1131.301	1126.361	1127.000	1126.328	A[30]
K	13	447.932	1094.624	1089.284	1089.620	1088.948	K[29]
A	14	471.611	1051.925	1046.585	1046.922	1046.250	A[28]
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.320	985.548	980.208	980.544	979.873	S[26]
R	17	585.254	956.517	951.198	951.534	950.862	R[25]
S	18	624.305	904.504	899.164	899.500	898.828	S[24]
S	19	653.375	875.493	870.153	870.489	869.817	S[23]
R	20	705.409	846.482	841.143	841.479	840.807	R[22]
A	21	729.088	794.449	789.109	789.445	788.773	A[21]
G	22	748.095	770.770	765.430	765.766	765.094	G[20]
L	23	751.762	746.423	741.083	741.419	740.747	L[19]
Q	24	828.476	714.085	708.745	709.084	708.412	Q[18]
F	25	877.409	671.382	666.042	666.378	665.706	F[17]
F	26	909.950	622.359	617.019	617.355	616.683	F[16]
V	27	942.873	590.006	584.666	585.004	584.332	V[15]
G	28	961.860	558.985	553.645	553.981	553.309	G[14]
R	29	1013.914	537.978	532.638	532.974	532.302	R[13]
V	30	1046.936	485.944	480.604	480.941	480.269	V[12]
H	31	1092.623	453.921	447.581	447.918	447.246	H[11]
R	32	1144.656	407.235	401.895	402.231	401.560	R[10]
L	33	1182.351	355.201	349.862	350.198	349.526	L[9]
L	34	1220.046	312.509	307.169	307.505	306.833	L[8]
R	35	1257.741	270.812	265.472	265.808	265.136	R[7]
K	36	1314.778	227.778	222.438	222.775	222.103	K[6]
G	37	1333.785	185.080	179.740	180.076	179.404	G[5]
N	38	1371.799	146.073	140.733	141.069	140.397	N[4]
V	39	1426.154	108.098	102.758	103.094	102.422	V[3]
A	40	1445.813	73.304	67.964	68.300	67.628	A[2]
E	41	1492.847	30.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.38
- ▶ F113278.dat
- ▶ query=q70050.p1
- ▶ precursor=747.091330
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1120.133	1116.130	0.755	1115.879	S[41]
G	2	51.780	1087.872	1083.868	0.755	1083.616	G[40]
R	3	90.805	1073.617	1069.612	1069.864	1069.360	R[39]
G	4	105.061	1034.592	1030.587	1030.839	1030.335	G[38]
K	5	137.084	1020.336	1016.331	1016.584	1016.080	K[37]
Q	6	189.089	988.313	984.308	984.560	984.056	Q[36]
G	7	283.354	956.286	952.281	952.545	952.041	G[35]
G	8	397.810	942.043	938.038	938.290	937.785	G[34]
K	9	229.633	927.787	923.783	924.034	923.531	K[33]
A	10	247.393	895.763	891.759	892.011	891.507	A[32]
R	11	286.418	878.004	874.000	874.251	873.746	R[31]
A	12	394.177	838.973	834.974	835.226	834.722	A[30]
R	13	336.201	821.220	817.215	817.467	816.963	R[29]
A	14	353.960	789.196	785.191	785.443	784.939	A[28]
K	15	389.984	771.437	767.432	767.684	767.180	K[27]
S	16	407.742	739.413	735.408	735.660	735.156	S[26]
R	17	446.767	747.665	743.660	743.912	743.408	R[25]
S	18	468.528	678.939	674.935	674.887	674.393	S[24]
S	19	490.283	656.872	652.867	653.119	652.615	S[23]
R	20	529.309	635.114	631.109	631.361	630.857	R[22]
A	21	547.068	596.088	592.084	592.336	591.832	A[21]
Q	22	561.323	578.329	574.324	574.576	574.072	Q[20]
L	23	589.334	564.074	560.069	560.321	559.817	L[19]
Q	24	621.609	536.803	531.798	532.050	531.546	Q[18]
F	25	658.376	503.788	499.783	500.035	499.531	F[17]
P	26	682.639	467.021	463.016	463.268	462.764	P[16]
V	27	707.406	442.758	438.753	439.005	438.501	V[15]
G	28	721.662	417.991	413.986	414.238	413.734	G[14]
V	29	760.687	403.735	399.731	399.983	399.479	V[13]
V	30	785.454	384.710	360.705	360.957	360.453	V[12]
H	31	819.719	339.943	335.938	336.190	335.686	H[11]
R	32	858.744	305.678	301.673	301.925	301.421	R[10]
L	33	887.015	266.653	262.648	262.900	262.396	L[9]
L	34	915.286	238.382	234.377	234.629	234.125	L[8]
R	35	924.311	210.111	206.106	206.358	205.854	R[7]
R	36	986.335	171.085	167.081	167.333	166.829	R[6]
G	37	1000.590	139.062	135.057	135.309	134.805	G[5]
N	38	1029.101	124.808	120.802	121.054	120.550	N[4]
V	39	1069.867	96.290	92.291	92.543	92.039	V[3]
A	40	1087.626	55.530	51.525	51.777	51.273	A[2]
E	41	1119.887	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

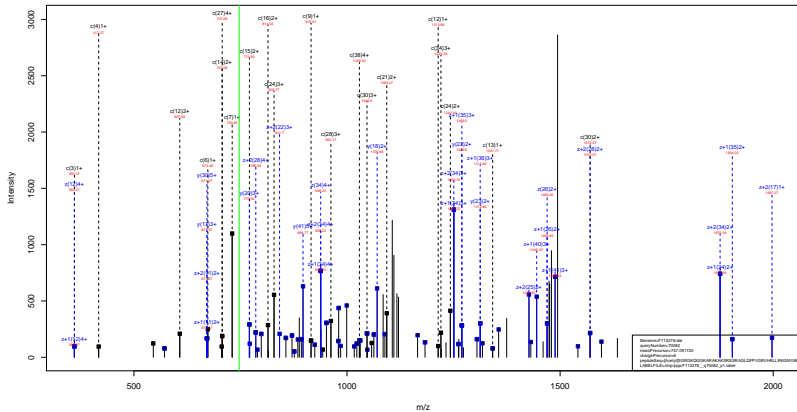
[Acetyl]SGRGGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.38
- ▶ F113278.dat
- ▶ query=q70050_p1
- ▶ precursor=747.091330
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	896.308	893.104	0.806	892.903	S[41]
G[2]	41.625	870.499	867.296	0.806	867.094	G[40]
R[3]	72.846	859.095	855.891	856.093	855.690	R[39]
G[4]	84.250	827.875	824.671	824.873	824.469	G[38]
K[5]	109.869	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.481	790.852	787.648	787.849	787.446	Q[36]
G[7]	146.885	765.240	762.036	762.238	761.834	G[35]
G[8]	158.289	753.836	750.632	750.833	750.430	G[34]
K[9]	183.908	742.431	739.227	739.429	739.026	K[33]
A[10]	198.116	716.812	713.608	713.810	713.407	A[32]
R[11]	229.336	702.605	699.401	699.603	699.199	R[31]
A[12]	243.543	671.385	668.181	668.382	667.979	A[30]
K[13]	269.162	657.177	653.973	654.175	653.772	K[29]
A[14]	283.370	631.558	628.354	628.556	628.153	A[28]
K[15]	308.989	617.351	614.147	614.349	613.945	K[27]
S[16]	326.395	591.732	588.528	588.730	588.326	S[26]
R[17]	357.615	574.325	571.122	571.323	570.920	R[25]
S[18]	375.022	548.105	545.901	546.103	545.700	S[24]
S[19]	392.428	525.689	522.485	522.687	522.283	S[23]
R[20]	423.648	508.282	505.079	505.280	504.877	R[22]
A[21]	437.856	477.072	473.868	474.070	473.667	A[21]
G[22]	449.260	462.865	459.661	459.862	459.459	G[20]
L[23]	471.877	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.489	428.844	425.640	425.841	425.438	Q[18]
F[25]	528.902	403.232	400.028	400.230	399.827	F[17]
P[26]	546.313	373.816	370.614	370.816	370.413	P[16]
V[27]	565.126	354.408	351.204	351.405	351.002	V[15]
G[28]	577.531	334.994	331.790	331.992	331.589	G[14]
R[29]	608.751	323.190	319.986	320.187	319.784	R[13]
V[30]	628.565	291.969	288.766	288.967	288.564	V[12]
H[31]	658.976	272.156	268.952	269.154	268.750	H[11]
R[32]	687.197	244.744	241.540	241.742	241.339	R[10]
L[33]	709.814	213.524	210.320	210.522	210.118	L[9]
L[34]	732.430	190.907	187.703	187.905	187.502	L[8]
R[35]	763.651	168.290	165.086	165.288	164.885	R[7]
R[36]	789.270	137.070	133.866	134.068	133.665	R[6]
G[37]	850.674	111.451	108.247	108.449	108.046	G[5]
N[38]	823.482	100.047	96.843	97.044	96.641	N[4]
V[39]	856.095	77.238	74.034	74.236	73.833	V[3]
A[40]	870.303	44.625	41.422	41.623	41.220	A[2]
E[41]	896.111	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.93
- ▶ F113278.dat
- ▶ query=q70062.p1
- ▶ precursor=747.091720
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.530	4461.481	0.000	4460.483	S[41]
G	2	204.098	4348.467	4332.440	0.000	4331.441	G[40]
R	3	360.199	4291.448	4275.429	4276.435	4274.419	R[39]
G	4	417.220	4135.345	4119.320	4120.334	4118.310	G[38]
K	5	545.315	4078.323	4062.305	4063.313	4061.297	K[37]
Q	6	673.374	3995.208	3979.210	3978.218	3973.202	Q[36]
G	7	730.395	3922.170	3899.151	3907.159	3895.142	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3706.127	3667.100	3693.116	3691.100	K[33]
A	10	986.549	3530.032	3564.013	3505.021	3563.009	A[32]
R	11	1142.650	3538.995	3492.970	3493.984	3491.966	R[31]
A	12	1213.687	3352.894	3338.875	3337.883	3339.867	A[30]
R	13	1341.782	3281.857	3265.830	3266.846	3264.830	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3082.725	3066.700	3067.714	3065.696	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2867.588	2851.570	2852.587	2850.571	R[25]
S	18	1871.079	2713.495	2695.471	2696.488	2694.470	S[24]
S	19	1958.111	2624.464	2608.448	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2491.411	2485.393	2486.400	2484.385	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.266	G[20]
L	23	2385.388	2253.273	2237.268	2238.262	2236.246	L[19]
Q	24	2483.414	2149.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2012.130	1996.111	1997.110	1995.104	F[17]
F	26	2727.535	1895.062	1849.043	1850.051	1848.035	F[16]
V	27	2826.603	1768.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1668.940	1652.922	1653.930	1651.914	G[14]
D	29	2970.720	1611.919	1595.900	1596.908	1594.884	D[13]
L	30	3138.794	1495.818	1479.799	1480.807	1478.791	L[12]
H	31	3275.853	1356.749	1340.731	1341.739	1339.723	H[11]
R	32	3431.964	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.123	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.395	R[7]
K	36	3942.319	681.320	665.302	666.309	664.293	K[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	496.204	480.185	481.193	479.177	N[4]
V	39	4276.446	382.101	366.143	367.150	365.134	V[3]
A	40	4347.463	219.098	203.070	204.087	202.071	A[2]
E	41	4476.528	148.060	132.043	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.93
- ▶ F113278.dat
- ▶ query=q70062.p1
- ▶ precursor=747.091720
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s=1	#s=2	z	AA	
S	1	74.062	2239.259	2231.300	8.804	2230.145	S[41]
G	2	102.553	2174.737	2266.726	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2117.313	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	327.194	1975.616	1967.607	1968.112	1967.105	G[36]
G	7	385.703	1913.565	1903.579	1904.083	1903.075	G[35]
G	8	394.212	1883.076	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	607.337	1676.951	1668.941	1669.446	1668.439	A[30]
R	13	671.395	1643.432	1635.423	1635.927	1634.919	R[29]
A	14	706.913	1577.904	1569.895	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.353	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.302	1426.293	1426.797	1425.790	R[25]
S	18	928.978	1356.252	1348.243	1348.746	1347.739	S[24]
S	19	970.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1179.183	1119.140	1131.130	1131.634	1130.627	L[19]
Q	24	1242.211	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1315.745	1008.599	998.589	999.093	998.085	F[17]
F	26	1364.271	933.034	923.025	923.529	924.521	F[16]
V	27	1413.805	884.508	876.499	877.003	875.995	V[15]
G	28	1462.316	834.974	824.964	825.468	824.461	G[14]
R	29	1520.369	806.463	798.454	798.958	797.951	R[13]
V	30	1569.901	729.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.461	610.349	602.340	602.843	601.836	R[10]
L	33	1773.023	532.289	524.280	524.783	523.775	L[9]
L	34	1829.568	478.756	469.747	469.251	468.243	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.227	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.017	102.521	101.513	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=43.93
- ▶ F113278.dat
- ▶ query=q70062.p1
- ▶ precursor=747.091720
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.607	1592.178	1487.835	8.872	3487.467	S[41]
G	2	66.704	1450.181	1444.821	0.672	1444.485	G[40]
R	3	1307.788	1431.154	1425.814	1426.150	1425.478	R[39]
G	4	139.745	1379.120	1373.780	1374.416	1373.444	G[38]
K	5	182.443	1350.113	1354.773	1355.109	1354.437	K[37]
G	6	225.130	1317.414	1312.075	1312.414	1311.778	G[36]
G	7	264.137	1274.726	1269.389	1268.729	1269.053	G[35]
G	8	263.144	1255.721	1250.381	1250.717	1250.045	G[34]
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.521	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	381.555	1170.338	1164.997	1165.333	1164.661	R[31]
A	12	405.234	1138.303	1132.963	1133.299	1132.623	A[30]
K	13	447.932	1094.624	1089.284	1089.620	1088.948	K[29]
A	14	471.611	1051.925	1046.586	1046.922	1046.250	A[28]
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.320	985.548	980.208	980.544	979.873	S[26]
R	17	585.254	956.537	951.198	951.534	950.862	R[25]
S	18	624.265	904.504	899.164	899.500	898.828	S[24]
S	19	653.375	875.493	870.153	870.489	869.817	S[23]
R	20	705.409	846.482	841.142	841.479	840.807	R[22]
A	21	729.088	794.449	789.109	789.445	788.773	A[21]
G	22	768.095	770.770	765.430	765.766	765.094	G[20]
L	23	751.762	746.423	741.083	741.419	740.747	L[19]
G	24	828.476	714.085	708.745	709.084	708.412	G[18]
F	25	877.409	671.382	666.042	666.378	665.706	F[17]
F	26	909.950	622.359	617.019	617.355	616.683	F[16]
V	27	942.873	590.006	584.666	585.004	584.332	V[15]
G	28	961.880	558.985	553.645	553.981	553.309	G[14]
R	29	1013.914	519.978	514.638	514.974	514.302	R[13]
V	30	1046.936	485.944	480.604	480.941	480.269	V[12]
H	31	1092.623	452.921	447.581	447.918	447.246	H[11]
R	32	1144.656	407.235	401.895	402.231	401.559	R[10]
L	33	1182.351	355.201	349.862	350.198	349.526	L[9]
L	34	1220.046	312.509	307.169	307.505	306.833	L[8]
R	35	1225.424	279.812	274.472	274.808	274.136	R[7]
K	36	1314.778	227.778	222.438	222.775	222.103	K[6]
G	37	1331.785	185.880	179.740	180.076	179.404	G[5]
N	38	1371.799	166.873	160.733	161.069	160.397	N[4]
V	39	1426.154	128.098	122.758	123.094	122.422	V[3]
A	40	1469.213	83.304	78.384	78.720	78.048	A[2]
E	41	1492.847	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=43.93
- ▶ F113278.dat
- ▶ query=q70062.p1
- ▶ precursor=747.091720
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	17.526	1120.193	1116.138	0.755	1115.878	S 41
G 2	51.780	1087.872	1083.808	0.755	1083.618	G 40
R 3	90.805	1073.617	1069.612	1069.864	1069.360	R 39
G 4	105.061	1034.592	1030.587	1030.839	1030.335	G 38
K 5	137.084	1030.336	1016.352	1016.354	1016.060	K 37
Q 6	169.099	988.313	984.308	984.560	984.056	Q 36
G 7	183.394	996.288	952.293	952.945	952.041	G 35
G 8	197.610	942.043	938.038	938.290	937.786	G 34
K 9	229.633	927.787	923.783	924.034	923.531	K 33
A 10	247.303	895.763	891.758	892.011	891.507	A 32
R 11	286.418	878.004	873.999	874.251	873.748	R 31
A 12	304.177	838.978	834.974	835.226	834.722	A 30
K 13	338.201	821.220	817.215	817.467	816.963	K 29
A 14	353.960	789.198	785.191	785.443	784.939	A 28
K 15	385.984	771.437	767.432	767.684	767.180	K 27
S 16	407.742	739.413	735.408	735.660	735.156	S 26
R 17	446.767	717.695	713.690	713.942	713.398	R 25
S 18	468.525	678.639	674.635	674.887	674.373	S 24
S 19	490.283	656.872	652.867	653.119	652.615	S 23
R 20	529.309	635.114	631.109	631.361	630.857	R 22
A 21	547.068	606.089	602.084	602.336	601.833	A 21
G 22	561.323	578.329	574.324	574.576	574.072	G 20
L 23	589.594	564.074	560.069	560.321	559.817	L 19
Q 24	623.609	635.803	631.798	632.050	631.546	Q 18
F 25	658.376	593.788	499.783	500.035	499.531	F 17
P 26	682.639	487.021	483.016	483.268	482.764	P 16
V 27	707.406	442.759	438.753	439.005	438.501	V 15
G 28	721.662	417.991	413.986	414.238	413.734	G 14
R 29	860.884	401.735	397.731	397.982	397.478	R 13
Y 30	785.454	384.710	369.705	369.957	369.453	Y 12
H 31	819.719	339.943	335.938	336.190	335.686	H 11
R 32	858.744	305.676	301.673	301.925	301.421	R 10
L 33	887.015	266.651	262.648	262.900	262.396	L 9
L 34	915.286	238.382	234.377	234.629	234.125	L 8
R 35	954.311	210.111	206.106	206.358	205.854	R 7
K 36	989.335	171.086	167.081	167.333	166.829	K 6
G 37	1020.590	139.062	135.057	135.309	134.805	G 5
N 38	1029.101	124.808	120.802	121.054	120.550	N 4
Y 39	1069.867	96.296	92.291	92.543	92.039	Y 3
A 40	1087.636	55.530	51.525	51.777	51.273	A 2
E 41	1119.887	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=43.93
- ▶ F113278.dat
- ▶ query=q70062.p1
- ▶ precursor=747.091720
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	896.308	893.104	0.806	892.903	S[41]
G[2]	41.625	870.499	867.298	0.806	867.094	G[40]
R[3]	72.846	859.095	855.891	856.093	855.690	R[39]
G[4]	84.250	827.875	824.671	824.873	824.469	G[38]
K[5]	109.869	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.481	790.852	787.648	787.849	787.446	Q[36]
G[7]	146.885	765.240	762.036	762.238	761.834	G[35]
G[8]	158.289	751.836	750.632	750.833	750.430	G[34]
K[9]	183.908	742.431	739.227	739.429	739.026	K[33]
A[10]	198.116	716.812	713.608	713.810	713.407	A[32]
R[11]	229.336	702.605	699.401	699.603	699.199	R[31]
A[12]	243.543	671.385	668.181	668.382	667.979	A[30]
K[13]	269.162	657.177	653.973	654.175	653.772	K[29]
A[14]	283.370	631.558	628.354	628.556	628.153	A[28]
K[15]	308.989	617.351	614.147	614.349	613.945	K[27]
S[16]	326.395	591.732	588.528	588.730	588.326	S[26]
R[17]	357.615	574.325	571.122	571.323	570.920	R[25]
S[18]	375.022	543.105	539.901	540.103	539.700	S[24]
S[19]	392.428	525.689	522.485	522.687	522.283	S[23]
R[20]	423.648	508.282	505.079	505.280	504.877	R[22]
A[21]	437.856	477.072	473.868	474.070	473.667	A[21]
G[22]	449.260	462.865	459.661	459.862	459.459	G[20]
L[23]	471.877	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.489	428.844	425.640	425.841	425.438	Q[18]
F[25]	528.902	403.232	400.028	400.230	399.827	F[17]
P[26]	546.313	373.816	370.614	370.816	370.413	P[16]
V[27]	565.126	354.408	351.204	351.405	351.002	V[15]
G[28]	577.531	334.994	331.790	331.992	331.589	G[14]
R[29]	608.751	323.190	319.986	320.187	319.784	R[13]
V[30]	628.565	291.969	288.766	288.967	288.564	V[12]
H[31]	658.976	272.156	268.952	269.154	268.750	H[11]
K[32]	687.197	244.744	241.540	241.742	241.339	K[10]
L[33]	709.814	213.524	210.320	210.522	210.118	L[9]
L[34]	732.430	190.907	187.703	187.905	187.502	L[8]
R[35]	763.651	168.290	165.086	165.288	164.885	R[7]
K[36]	789.270	137.070	133.866	134.068	133.665	K[6]
G[37]	830.674	111.451	108.247	108.449	108.046	G[5]
N[38]	823.482	100.047	96.843	97.044	96.641	N[4]
V[39]	856.095	77.238	74.034	74.236	73.833	V[3]
A[40]	870.303	44.625	41.422	41.623	41.220	A[2]
E[41]	896.111	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.64
- ▶ F113278.dat
- ▶ query=q70065.p1
- ▶ precursor=896.308690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.510	4461.491	0.000	4460.483	S[41]
G	2	204.068	4348.467	4332.449	0.000	4331.441	G[40]
R	3	360.199	4201.448	4276.427	4476.435	4274.419	R[39]
G	4	417.220	4135.345	4119.326	4120.334	4118.318	G[38]
K	5	545.315	4078.323	4062.305	4063.313	4061.297	K[37]
Q	6	673.374	3969.278	3934.210	3935.218	3933.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3580.032	3564.013	3565.021	3563.005	A[32]
R	11	1142.650	3508.995	3492.976	3493.984	3491.968	R[31]
A	12	1213.687	3352.994	3336.975	3337.983	3335.967	A[30]
R	13	1341.782	3281.957	3265.938	3266.946	3264.930	R[29]
A	14	1412.819	3153.962	3137.943	3138.951	3136.935	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2887.586	2871.579	2872.587	2870.571	R[25]
S	18	1871.079	2741.490	2695.478	2696.486	2694.470	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.267	G[20]
L	23	2385.308	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2012.130	1996.111	1997.119	1995.104	F[17]
P	26	2727.535	1895.062	1849.043	1850.051	1848.035	P[16]
V	27	2826.603	1788.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1668.940	1652.922	1653.930	1651.914	G[14]
R	29	3030.726	1611.918	1595.900	1596.908	1594.892	R[13]
H	30	3138.784	1455.812	1439.792	1440.801	1438.785	H[12]
H	31	3275.853	1358.748	1342.731	1343.739	1340.723	H[11]
R	32	3431.964	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.121	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.394	R[7]
R	36	3942.319	681.320	665.302	666.310	664.294	R[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	406.204	480.185	481.193	479.177	N[4]
V	39	4276.446	382.161	366.142	367.150	365.134	V[3]
A	40	4347.483	219.086	203.079	204.087	202.071	A[2]
E	41	4476.528	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.64
- ▶ F113278.dat
- ▶ query=q70065.p1
- ▶ precursor=896.308690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#±1	#±2	z	AA	
S	1	74.062	2239.259	2231.300	8.804	2239.147	S[41]
G	2	102.553	2174.737	2166.726	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2137.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	327.194	1975.616	1967.607	1968.112	1967.105	G[36]
G	7	385.703	1913.565	1903.579	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	609.839	1668.954	1660.945	1661.449	1660.441	A[30]
K	13	671.395	1643.432	1633.423	1633.927	1632.919	K[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1531.857	1534.360	1533.353	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.302	1425.293	1426.797	1425.789	R[25]
S	18	936.043	1368.263	1348.243	1348.746	1347.738	S[24]
S	19	999.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1178.181	1127.140	1119.131	1119.635	1118.627	L[19]
Q	24	1242.211	1063.595	1055.586	1056.090	1055.082	Q[18]
F	25	1315.745	1006.569	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.500	876.490	877.003	876.005	V[15]
G	28	1462.316	834.974	826.965	827.468	826.461	G[14]
R	29	1520.869	806.463	798.454	798.958	797.950	R[13]
V	30	1569.901	728.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.461	610.349	602.340	602.843	601.835	R[10]
L	33	1713.023	532.299	524.289	524.793	523.785	L[9]
L	34	1829.565	478.756	469.747	469.251	468.243	L[8]
R	35	1907.618	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2050.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.227	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.054	102.045	102.549	101.541	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.64
- ▶ F113278.dat
- ▶ query=q70065.p1
- ▶ precursor=896.308690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1493.175	1487.835	0.872	3487.487	S[41]
G	2	66.704	1450.161	1444.521	0.872	1444.485	G[40]
R	3	1307.718	1431.154	1425.814	1426.150	1425.478	R[39]
G	4	139.745	1379.120	1373.780	1374.416	1373.444	G[38]
K	5	182.443	1360.113	1354.773	1355.109	1354.437	K[37]
G	6	225.130	1341.444	1312.075	1312.411	1311.739	G[36]
G	7	244.137	1324.725	1269.389	1269.725	1269.053	G[35]
G	8	263.144	1295.921	1250.381	1250.717	1250.045	G[34]
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.521	1194.016	1189.676	1189.012	1188.340	A[32]
R	11	381.555	1170.338	1164.997	1165.333	1164.661	R[31]
A	12	489.234	1138.303	1133.963	1133.299	1132.627	A[30]
K	13	447.932	1094.624	1089.284	1089.620	1088.948	K[29]
A	14	471.611	1051.925	1046.585	1046.922	1046.250	A[28]
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.320	985.548	980.208	980.544	979.873	S[26]
R	17	595.254	956.537	951.198	951.534	950.862	R[25]
S	18	624.265	904.504	899.164	899.500	898.828	S[24]
S	19	653.275	875.493	870.153	870.489	869.817	S[23]
R	20	705.409	846.482	841.143	841.479	840.807	R[22]
A	21	729.088	794.449	789.109	789.445	788.773	A[21]
G	22	748.095	770.770	765.430	765.766	765.094	G[20]
L	23	789.790	742.762	740.423	740.759	740.087	L[19]
G	24	828.476	714.085	708.745	709.084	708.412	G[18]
F	25	877.499	671.382	666.042	666.378	665.706	F[17]
F	26	909.950	622.359	617.019	617.355	616.683	F[16]
V	27	942.873	590.008	584.668	585.004	584.332	V[15]
G	28	961.880	558.985	553.645	553.981	553.309	G[14]
K	29	1013.914	537.918	532.578	532.914	532.242	K[13]
V	30	1046.936	485.944	480.604	480.941	480.269	V[12]
H	31	1092.623	452.921	447.581	447.918	447.246	H[11]
R	32	1144.656	407.235	401.895	402.231	401.559	R[10]
L	33	1182.351	355.201	349.862	350.198	349.526	L[9]
L	34	1220.046	312.509	307.169	307.505	306.833	L[8]
R	35	1272.112	273.812	274.472	274.808	274.136	R[7]
K	36	1314.778	227.778	222.438	222.775	222.103	K[6]
G	37	1333.785	185.880	179.740	180.076	179.404	G[5]
N	38	1371.799	146.073	140.733	141.069	140.397	N[4]
V	39	1436.154	128.098	122.758	123.094	122.422	V[3]
A	40	1449.833	83.304	83.304	88.708	88.000	A[2]
E	41	1492.847	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

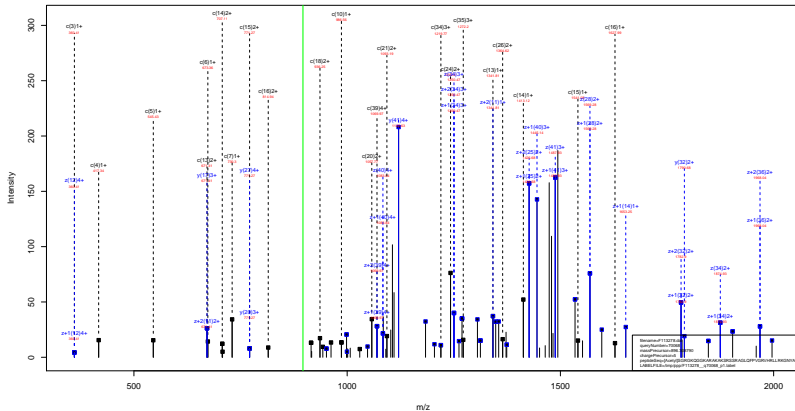
[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=58.64
- ▶ F113278.dat
- ▶ query=q70065.p1
- ▶ precursor=896.308690
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#=1	#=2	z	AA	
S	1	37.505	1120.143	1116.128	0.755	1115.377	S[41]
G	2	51.780	1087.872	1083.868	0.755	1083.616	G[40]
R	3	90.805	1073.617	1069.612	1069.864	1069.360	R[39]
G	4	109.061	1034.592	1030.587	1030.839	1030.135	G[38]
K	5	137.084	1020.339	1016.332	1016.584	1016.080	K[37]
Q	6	169.059	998.312	994.305	994.556	994.050	Q[36]
G	7	183.354	956.296	952.291	952.542	952.044	G[35]
G	8	197.610	942.043	938.038	938.290	937.792	G[34]
K	9	229.633	927.787	923.783	924.034	923.531	K[33]
A	10	247.393	895.763	891.759	892.011	891.507	A[32]
R	11	286.418	878.004	873.999	874.251	873.748	R[31]
A	12	354.177	838.979	834.974	835.226	834.722	A[30]
K	13	336.201	821.220	817.215	817.467	816.964	K[29]
A	14	353.980	789.199	785.191	785.443	784.939	A[28]
K	15	385.904	771.437	767.432	767.684	767.180	K[27]
S	16	407.742	739.413	735.408	735.660	735.156	S[26]
R	17	446.767	717.955	713.950	714.202	713.700	R[25]
S	18	468.526	678.930	674.925	675.177	674.674	S[24]
S	19	490.283	656.972	652.967	653.219	652.715	S[23]
R	20	529.309	635.114	631.109	631.361	630.857	R[22]
A	21	547.088	596.089	592.084	592.336	591.832	A[21]
Q	22	561.323	578.329	574.324	574.576	574.072	Q[20]
L	23	589.984	564.074	560.069	560.321	559.817	L[19]
Q	24	621.609	535.803	531.798	532.050	531.546	Q[18]
F	25	658.376	503.789	499.783	500.035	499.531	F[17]
F	26	662.639	467.021	463.016	463.268	462.764	F[16]
V	27	707.406	442.750	438.753	439.005	438.501	V[15]
G	28	721.662	417.991	413.985	414.238	413.734	G[14]
R	29	760.687	403.735	399.711	399.962	399.458	R[13]
V	30	785.454	364.710	360.705	360.957	360.453	V[12]
H	31	816.719	339.943	335.938	336.190	335.686	H[11]
R	32	858.744	305.678	301.673	301.925	301.421	R[10]
L	33	887.015	266.657	262.648	262.900	262.396	L[9]
L	34	915.286	238.362	234.357	234.608	234.104	L[8]
R	35	934.311	210.111	206.100	206.352	205.848	R[7]
K	36	966.335	171.088	167.081	167.333	166.829	K[6]
G	37	1000.590	139.062	135.057	135.309	134.805	G[5]
N	38	1029.101	124.806	120.802	121.054	120.550	N[4]
Y	39	1069.867	96.296	92.291	92.543	92.039	Y[3]
A	40	1087.826	58.530	54.525	54.777	54.273	A[2]
E	41	1119.887	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKASRSSRAGLQFPVGRVHRLLRKGN^{YAE}



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.82
- ▶ F113278.dat
- ▶ query=q70068.p1
- ▶ precursor=896.308790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.510	4461.491	0.000	4460.483	S[41]
G	2	204.068	4348.467	4332.449	0.000	4331.441	G[40]
R	3	360.199	4201.448	4276.427	4476.435	4274.419	R[39]
G	4	417.220	4135.345	4119.326	4120.334	4118.318	G[38]
K	5	545.315	4078.323	4062.305	4053.313	4061.297	K[37]
Q	6	673.374	3969.276	3934.210	3936.218	3933.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3580.032	3564.013	3565.021	3563.005	A[32]
R	11	1142.650	3508.995	3492.976	3493.984	3491.968	R[31]
A	12	1213.687	3352.984	3336.975	3337.983	3335.967	A[30]
R	13	1341.782	3281.857	3265.838	3266.846	3264.830	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2887.586	2871.579	2852.587	2850.571	R[25]
S	18	1871.079	2741.496	2695.476	2696.484	2694.473	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.268	G[20]
L	23	2305.308	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2012.150	1996.111	1997.119	1995.104	F[17]
P	26	2727.535	1805.062	1849.043	1850.051	1848.035	P[16]
V	27	2826.603	1748.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1668.940	1652.922	1653.930	1651.914	G[14]
D	29	3030.726	1611.910	1595.892	1596.908	1594.892	D[13]
H	30	3138.794	1455.812	1439.792	1440.801	1438.785	H[12]
H	31	3275.853	1358.748	1340.731	1341.739	1339.723	H[11]
R	32	3431.954	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.121	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.395	R[7]
R	36	3942.319	681.320	665.302	666.309	664.293	R[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	406.204	480.185	481.193	479.177	N[4]
V	39	4276.446	382.161	366.142	367.150	365.134	V[3]
A	40	4347.483	219.086	203.079	204.087	202.071	A[2]
E	41	4476.528	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.82
- ▶ F113278.dat
- ▶ query=q70068.p1
- ▶ precursor=896.308790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#±1	#±2	z	AA	
S	1	74.063	2239.259	2231.260	8.804	2239.161	S[41]
G	2	102.553	2174.737	2166.738	0.504	2166.254	G[49]
R	3	180.603	2146.227	2138.217	2138.921	2137.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
Q	6	337.194	1975.616	1967.609	1968.112	1967.105	Q[36]
G	7	365.703	1911.589	1903.579	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1746.982	1747.496	1746.488	R[31]
A	12	609.389	1678.983	1668.983	1669.486	1668.479	A[30]
K	13	671.395	1643.432	1633.423	1633.927	1632.919	K[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	872.527	1434.302	1426.293	1426.797	1425.790	R[25]
S	18	936.043	1359.263	1348.243	1348.746	1347.739	S[24]
S	19	999.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1181.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1178.183	1127.146	1139.137	1139.640	1138.632	L[19]
Q	24	1242.211	1073.595	1062.589	1063.093	1062.085	Q[18]
F	25	1315.745	1006.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.506	876.499	877.003	875.995	V[15]
G	28	1462.316	834.974	826.965	827.468	826.461	G[14]
R	29	1520.369	806.483	798.474	798.978	797.970	R[13]
V	30	1569.901	728.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.461	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.299	524.289	524.793	523.785	L[9]
L	34	1839.968	478.756	469.747	469.251	468.243	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2036.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.727	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.016	102.519	101.511	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN⁺YAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=57.82
- ▶ F113278.dat
- ▶ query=q70068.p1
- ▶ precursor=896.308790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1493.175	1487.835	0.672	1487.499	G 41
G 2	68.704	1450.161	1444.821	0.672	1444.455	G 40
R 3	130.738	1431.154	1425.814	1426.150	1425.478	R 39
G 4	139.745	1379.120	1373.780	1374.116	1373.444	G 38
K 5	182.443	1360.113	1354.773	1355.109	1354.437	K 37
Q 6	235.330	1317.414	1312.075	1312.411	1311.793	Q 36
G 7	244.137	1274.725	1269.389	1269.725	1269.053	G 35
G 8	263.144	1255.721	1250.381	1250.717	1250.045	G 34
K 9	305.842	1236.714	1231.374	1231.710	1231.038	K 33
A 10	329.521	1194.016	1188.676	1189.012	1188.340	A 32
R 11	381.555	1170.136	1164.997	1165.333	1164.661	R 31
A 12	409.234	1118.303	1112.963	1113.299	1112.627	A 30
R 13	447.932	1094.024	1089.254	1089.620	1088.948	R 29
A 14	471.611	1051.925	1046.589	1046.922	1046.250	A 28
K 15	514.310	1028.246	1022.907	1023.243	1022.571	K 27
S 16	543.320	985.548	980.208	980.544	979.872	S 26
R 17	595.254	956.537	951.198	951.534	950.862	R 25
S 18	624.305	924.504	919.164	919.500	918.828	S 24
S 19	653.375	875.493	870.153	870.489	869.817	S 23
R 20	705.409	846.482	841.142	841.479	840.807	R 22
A 21	729.088	794.449	789.109	789.445	788.773	A 21
G 22	748.095	770.770	765.430	765.766	765.094	G 20
L 23	785.730	731.762	746.423	746.759	746.087	L 19
Q 24	828.478	714.069	708.729	709.064	708.392	Q 19
F 25	877.409	671.382	666.042	666.378	665.706	F 17
F 26	909.850	622.359	617.019	617.355	616.683	F 16
V 27	942.873	590.028	584.688	585.024	584.352	V 15
G 28	961.880	556.985	551.645	551.981	551.309	G 14
R 29	1013.914	437.878	432.538	432.874	432.202	R 13
R 30	1246.938	488.944	483.604	483.941	483.269	R 12
H 31	1092.623	452.921	447.581	447.918	447.246	H 11
R 32	1144.656	407.735	402.395	402.731	402.059	R 10
L 33	1182.351	355.201	349.862	350.198	349.526	L 9
L 34	1220.046	317.507	312.167	312.503	311.831	L 8
R 35	1272.079	279.812	274.472	274.808	274.136	R 7
R 36	1314.718	227.778	222.438	222.775	222.103	R 6
G 37	1333.785	185.080	179.740	180.076	179.404	G 5
N 38	1371.799	166.073	160.733	161.069	160.397	N 4
V 39	1426.154	128.058	122.719	123.055	122.383	V 3
A 40	1449.831	73.704	68.364	68.700	68.028	A 2
E 41	1492.287	30.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

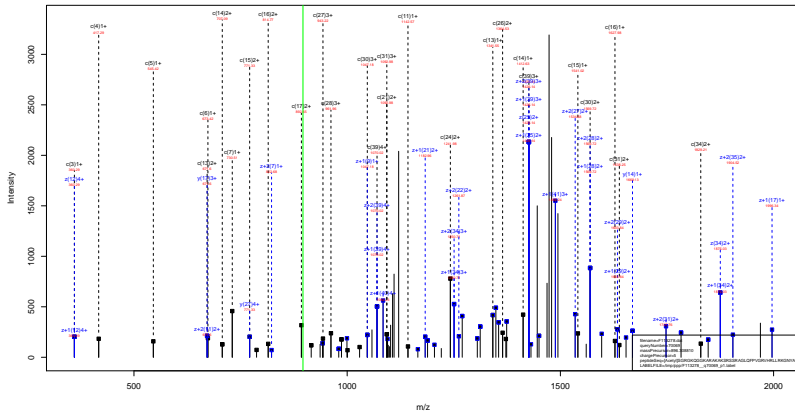
[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=57.82
- ▶ F113278.dat
- ▶ query=q70068.p1
- ▶ precursor=896.308790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	37.505	1120.133	1118.130	0.795	1115.077	S[41]
G	2	51.780	1032.872	1083.868	0.795	1083.616	G[40]
R	3	90.805	1073.617	1069.612	1069.864	1069.360	R[39]
G	4	109.061	1034.592	1030.587	1030.839	1030.135	G[38]
K	5	137.084	1020.339	1016.332	1016.584	1016.080	K[37]
G	6	169.059	998.312	994.308	994.560	994.056	G[36]
G	7	183.354	956.296	952.293	952.545	952.041	G[35]
G	8	197.610	942.043	938.038	938.290	937.786	G[34]
K	9	229.633	927.787	923.783	924.034	923.531	K[33]
A	10	247.393	895.763	891.759	892.011	891.507	A[32]
R	11	286.418	878.004	873.999	874.251	873.748	R[31]
A	12	354.177	838.979	834.974	835.226	834.722	A[30]
K	13	336.201	821.220	817.215	817.467	816.964	K[29]
A	14	353.980	789.199	785.195	785.443	784.939	A[28]
K	15	385.904	771.437	767.432	767.684	767.180	K[27]
S	16	407.742	739.413	735.408	735.660	735.156	S[26]
R	17	446.767	717.955	713.950	714.202	713.698	R[25]
S	18	468.526	678.930	674.925	675.177	674.673	S[24]
S	19	490.283	656.972	652.967	653.219	652.715	S[23]
R	20	529.309	635.114	631.109	631.361	630.857	R[22]
A	21	547.088	596.089	592.084	592.336	591.832	A[21]
G	22	561.323	578.329	574.324	574.576	574.072	G[20]
L	23	589.984	648.074	644.069	644.321	643.817	L[19]
Q	24	621.609	535.803	531.798	532.050	531.546	Q[18]
F	25	658.376	503.789	499.783	500.035	499.531	F[17]
F	26	662.639	467.021	463.016	463.268	462.764	F[16]
V	27	707.406	442.750	438.753	439.005	438.501	V[15]
G	28	721.662	417.991	413.986	414.238	413.734	G[14]
R	29	760.687	403.735	399.731	399.982	399.478	R[13]
V	30	785.454	364.710	360.705	360.957	360.453	V[12]
H	31	816.719	338.943	335.938	336.190	335.686	H[11]
R	32	858.744	305.678	301.673	301.925	301.421	R[10]
L	33	887.015	266.657	262.648	262.900	262.396	L[9]
L	34	915.286	238.362	234.357	234.608	234.104	L[8]
R	35	934.311	210.111	206.106	206.358	205.854	R[7]
K	36	986.335	171.088	167.081	167.333	166.829	K[6]
G	37	1000.590	139.064	135.057	135.309	134.805	G[5]
N	38	1029.101	124.806	120.802	121.054	120.550	N[4]
V	39	1069.867	96.296	92.291	92.543	92.039	V[3]
A	40	1087.626	58.530	54.525	54.777	54.273	A[2]
E	41	1119.887	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGKKARAKASRSSRAGLQFPVGRVHLLRKGN^{YAE}



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.53
- ▶ F113278.dat
- ▶ query=q70069_p1
- ▶ precursor=896.308810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.510	4461.491	0.000	4460.483	S[41]
G	2	204.068	4348.467	4332.449	0.000	4331.441	G[40]
R	3	360.199	4201.448	4276.427	4476.435	4274.419	R[39]
G	4	417.220	4135.345	4119.326	4120.334	4118.318	G[38]
K	5	545.315	4078.323	4062.305	4053.313	4051.297	K[37]
Q	6	673.374	3969.292	3934.270	3935.278	3933.262	Q[36]
G	7	730.395	3822.170	3805.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3580.032	3564.013	3565.021	3563.005	A[32]
R	11	1142.650	3508.995	3492.976	3493.984	3491.968	R[31]
A	12	1213.687	3352.994	3336.975	3337.983	3335.967	A[30]
R	13	1341.782	3281.957	3265.938	3266.946	3264.930	R[29]
A	14	1412.819	3153.902	3137.883	3138.891	3136.875	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2887.586	2871.579	2852.587	2850.571	R[25]
S	18	1871.079	2741.490	2695.478	2696.486	2694.470	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.268	G[20]
L	23	2385.388	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2012.150	1996.111	1997.119	1995.104	F[17]
P	26	2727.535	1895.062	1849.043	1850.051	1848.035	P[16]
V	27	2826.603	1768.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1568.940	1652.922	1653.930	1651.914	G[14]
R	29	3030.726	1611.916	1595.897	1596.908	1594.892	R[13]
L	30	3138.784	1455.812	1439.792	1440.801	1438.785	L[12]
H	31	3275.853	1358.748	1342.731	1341.739	1339.723	H[11]
R	32	3431.964	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.121	950.505	934.487	935.495	933.479	L[8]
T	35	3814.224	837.421	821.403	822.410	820.395	T[7]
R	36	3942.319	681.320	665.302	666.309	664.293	R[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	406.204	480.185	481.193	479.177	N[4]
V	39	4276.446	382.161	366.142	367.150	365.134	V[3]
A	40	4347.463	219.086	203.079	204.087	202.071	A[2]
E	41	4476.528	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.53
- ▶ F113278.dat
- ▶ query=q70069_p1
- ▶ precursor=896.308810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
S	1	74.042	2739.269	2731.240	0.504	2730.740	S[41]
G	2	102.563	2174.737	2166.720	0.504	2166.224	G[40]
R	3	180.603	2146.627	2138.219	2138.721	2137.711	R[39]
G	4	209.114	2098.176	2090.167	2090.671	2089.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
Q	6	337.193	1975.818	1967.809	1968.312	1967.305	Q[36]
G	7	365.703	1911.969	1903.971	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.620	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1755.081	1746.992	1747.496	1746.488	R[31]
A	12	607.947	1676.951	1668.941	1669.445	1668.437	A[30]
R	13	671.395	1641.432	1633.423	1633.927	1632.919	R[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	930.933	1396.282	1388.243	1388.746	1387.739	S[24]
S	19	979.559	1312.730	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.099	1183.100	1183.604	1182.606	A[21]
G	22	1121.639	1155.051	1147.041	1148.045	1147.137	G[20]
L	23	1178.301	1127.140	1119.130	1119.635	1118.627	L[19]
Q	24	1242.211	970.589	962.580	963.093	962.085	Q[18]
F	25	1315.748	906.569	908.550	909.063	908.055	F[17]
P	26	1364.271	933.034	925.025	925.529	924.521	P[16]
V	27	1413.805	894.508	878.499	877.003	875.995	V[15]
G	28	1442.316	834.074	826.065	827.468	826.461	G[14]
R	29	1525.387	856.463	788.454	798.858	797.850	R[13]
V	30	1569.901	728.413	720.401	720.907	719.899	V[12]
H	31	1638.430	678.878	670.889	671.373	670.365	H[11]
R	32	1716.481	610.349	602.340	602.843	601.836	R[10]
L	33	1773.023	532.298	524.289	524.793	523.785	L[9]
L	34	1829.565	475.756	467.747	468.251	467.243	L[8]
R	35	1867.815	419.214	411.205	411.709	410.701	R[7]
K	36	1971.963	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.118	269.107	269.611	268.603	G[5]
N	38	2067.195	248.606	240.596	241.100	240.092	N[4]
V	39	2138.727	191.984	183.975	184.079	183.071	V[3]
A	40	2174.245	110.052	102.043	102.547	101.539	A[2]
E	41	2238.787	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=66.53
- ▶ F113278.dat
- ▶ query=q70069_p1
- ▶ precursor=896.308810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.607	1392.178	1487.835	8.872	1487.407	S[41]
G	2	66.704	1450.161	1444.521	0.672	1444.445	G[40]
R	3	1307.788	1431.154	1425.814	1426.150	1425.478	R[39]
G	4	139.745	1379.120	1373.780	1374.116	1373.444	G[38]
K	5	182.443	1360.113	1354.773	1355.109	1354.437	K[37]
G	6	225.130	1347.444	1342.075	1342.411	1341.739	G[36]
G	7	244.137	1324.725	1269.389	1268.725	1269.061	G[35]
G	8	263.144	1295.721	1250.381	1250.717	1250.045	G[34]
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.521	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	381.555	1170.336	1164.907	1165.333	1164.661	R[31]
A	12	405.234	1132.303	1127.903	1127.269	1127.597	A[30]
K	13	447.932	1094.624	1089.234	1089.620	1089.942	K[29]
A	14	471.611	1051.925	1046.530	1046.922	1046.250	A[28]
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.320	985.548	980.208	980.544	979.873	S[26]
R	17	585.254	956.517	951.108	951.534	950.862	R[25]
S	18	624.305	904.504	899.184	899.500	899.820	S[24]
S	19	653.375	875.493	870.153	870.489	869.817	S[23]
R	20	705.400	846.482	841.143	841.479	840.807	R[22]
A	21	729.088	794.449	789.109	789.445	788.773	A[21]
G	22	748.095	770.770	765.430	765.766	765.094	G[20]
L	23	785.790	751.762	746.423	746.759	746.087	L[19]
Q	24	828.476	714.085	708.735	709.064	708.392	Q[18]
F	25	877.409	671.382	666.042	666.378	665.706	F[17]
F	26	909.950	622.359	617.019	617.355	616.683	F[16]
V	27	942.873	590.008	584.668	585.004	584.332	V[15]
G	28	961.860	556.985	551.645	551.981	551.309	G[14]
R	29	1013.914	537.978	532.638	532.974	532.302	R[13]
V	30	1046.936	485.944	480.604	480.941	480.269	V[12]
H	31	1092.623	452.921	447.582	447.918	447.246	H[11]
R	32	1144.656	407.235	401.895	402.231	401.560	R[10]
L	33	1182.351	355.201	349.862	350.198	349.526	L[9]
L	34	1230.046	317.507	312.167	312.503	311.831	L[8]
R	35	1272.079	279.812	274.472	274.808	274.136	R[7]
K	36	1314.778	227.778	222.439	222.775	222.103	K[6]
G	37	1331.785	185.080	179.740	180.076	179.404	G[5]
N	38	1371.799	166.073	160.733	161.069	160.397	N[4]
V	39	1426.154	138.098	132.758	133.094	132.422	V[3]
A	40	1449.833	83.304	77.964	78.300	77.628	A[2]
E	41	1492.847	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=66.53
- ▶ F113278.dat
- ▶ query=q70069_p1
- ▶ precursor=896.308810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.526	1120.133	1116.138	0.755	1115.878	S 41
G 2	51.780	1087.872	1083.868	0.755	1083.618	G 40
R 3	90.805	1073.617	1069.612	1069.864	1069.360	R 39
G 4	105.061	1034.592	1030.587	1030.839	1030.335	G 38
K 5	137.084	1030.336	1026.332	1026.584	1026.080	K 37
Q 6	169.099	988.313	984.308	984.560	984.056	Q 36
G 7	183.394	996.288	992.293	992.545	992.041	G 35
G 8	197.610	942.043	938.038	938.290	937.786	G 34
K 9	229.633	927.787	923.783	924.034	923.531	K 33
A 10	247.393	895.763	891.758	892.011	891.507	A 32
R 11	286.418	878.004	874.009	874.261	873.748	R 31
A 12	304.177	838.978	834.974	835.226	834.723	A 30
K 13	338.201	821.220	817.215	817.467	816.964	K 29
A 14	353.960	789.198	785.191	785.443	784.939	A 28
K 15	385.984	771.437	767.432	767.684	767.180	K 27
S 16	407.742	739.413	735.408	735.660	735.156	S 26
R 17	446.767	717.895	713.890	714.142	713.638	R 25
S 18	468.526	678.839	674.835	675.087	674.574	S 24
S 19	490.283	656.872	652.867	653.119	652.615	S 23
R 20	529.309	635.114	631.109	631.361	630.857	R 22
A 21	547.068	606.089	602.084	602.336	601.833	A 21
G 22	561.323	578.329	574.324	574.576	574.072	G 20
L 23	589.594	564.074	560.069	560.321	559.817	L 19
Q 24	623.609	635.803	631.798	632.050	631.546	Q 18
F 25	658.376	593.788	499.783	500.035	499.531	F 17
P 26	682.639	487.021	483.016	483.268	482.764	P 16
V 27	707.406	442.758	438.753	439.005	438.501	V 15
G 28	721.662	417.991	413.986	414.238	413.734	G 14
R 29	760.687	401.735	397.731	397.982	397.478	R 13
V 30	785.454	384.710	367.705	367.957	360.453	V 12
H 31	819.719	339.943	335.938	336.190	335.686	H 11
R 32	858.744	305.676	301.673	301.925	301.421	R 10
L 33	887.015	266.651	262.648	262.900	262.396	L 9
L 34	915.286	238.382	234.377	234.629	234.125	L 8
R 35	954.311	210.111	206.106	206.358	205.854	R 7
K 36	986.335	171.086	167.081	167.333	166.829	K 6
G 37	1000.590	139.062	135.057	135.309	134.805	G 5
N 38	1029.101	124.808	120.802	121.054	120.550	N 4
Y 39	1069.867	96.296	92.291	92.543	92.039	Y 3
A 40	1087.636	55.530	51.525	51.777	51.273	A 2
E 41	1119.887	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.11
- ▶ F113278.dat
- ▶ query=q70072.p1
- ▶ precursor=747.091920
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.515	4481.491	0.000	4460.481	S[41]
G	2	304.098	4348.467	4332.440	0.000	4331.441	G[40]
R	3	360.199	4291.446	4275.427	4276.435	4274.419	R[39]
G	4	417.220	4135.345	4119.326	4120.334	4118.319	G[38]
K	5	545.315	4078.323	4062.305	4063.313	4061.297	K[37]
Q	6	673.174	3950.228	3934.210	3935.218	3933.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3650.032	3634.013	3635.021	3633.005	A[32]
R	11	1147.850	3598.995	3492.975	3493.984	3491.968	R[31]
A	12	1213.687	3352.984	3336.975	3337.983	3335.967	A[30]
R	13	1341.782	3281.957	3265.938	3266.946	3264.930	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2887.598	2871.579	2872.587	2870.571	R[25]
S	18	1871.079	2711.496	2695.477	2696.486	2694.470	S[24]
S	19	1958.111	2624.464	2608.445	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.267	G[20]
L	23	2355.355	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2022.130	1996.111	1997.119	1995.104	F[17]
P	26	2727.538	1895.062	1849.043	1850.051	1848.035	P[16]
V	27	2826.603	1768.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1698.940	1652.922	1653.930	1651.914	G[14]
R	29	3039.726	1611.919	1595.900	1596.908	1594.892	R[13]
V	30	3138.764	1495.818	1449.800	1450.807	1448.791	V[12]
H	31	3275.853	1356.740	1340.731	1341.739	1339.723	H[11]
R	32	3431.954	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.123	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.395	R[7]
K	36	3932.319	693.300	665.282	666.289	664.273	K[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	496.204	480.185	481.193	479.177	N[4]
Y	39	4276.446	382.161	366.142	367.150	365.134	Y[3]
A	40	4347.483	219.098	203.079	204.087	202.071	A[2]
E	41	4476.526	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN⁺AE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.11
- ▶ F113278.dat
- ▶ query=q70072.p1
- ▶ precursor=747.091920
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#=1	#=2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2232.147	S[41]
G	2	102.553	2174.737	2266.726	0.504	2166.254	G[49]
R	3	180.603	2146.227	2138.217	2138.921	2117.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	327.194	1975.618	1967.609	1968.112	1967.105	G[36]
G	7	385.704	1911.569	1903.579	1904.083	1903.073	G[35]
G	8	394.212	1883.078	1875.088	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	577.829	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	607.347	1678.964	1669.943	1669.945	1668.937	A[30]
K	13	671.395	1643.432	1633.423	1633.927	1632.919	K[29]
A	14	706.913	1577.984	1569.170	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	938.618	1369.763	1360.753	1368.746	1367.739	S[24]
S	19	998.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1127.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1178.181	1129.140	1129.131	1119.828	1118.821	L[19]
Q	24	1242.211	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1315.745	1008.599	998.559	999.063	998.955	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.508	876.499	877.003	875.995	V[15]
G	28	1462.316	834.974	826.965	827.469	826.461	G[14]
R	29	1528.369	808.483	798.454	798.958	797.950	R[13]
V	30	1569.901	728.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.481	610.349	602.340	602.843	601.836	R[10]
L	33	1773.023	532.289	524.280	524.783	523.785	L[9]
L	34	1829.568	478.756	469.747	469.251	468.243	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2050.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.727	181.564	183.575	184.079	183.071	V[3]
A	40	2114.245	110.026	102.043	102.547	101.539	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.11
- ▶ F113278.dat
- ▶ query=q70072.p1
- ▶ precursor=747.091920
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#±1	#±2	z	AA	
S	1	48.607	1492.172	1487.835	0.672	1487.467	S(41)
G	2	66.704	1450.181	1444.931	0.672	1444.485	G(40)
R	3	130.718	1431.154	1425.814	1420.150	1425.470	R(39)
G	4	139.745	1379.120	1373.780	1374.116	1373.444	G(38)
K	5	182.443	1350.113	1354.773	1355.109	1354.437	K(37)
G	6	225.130	1317.414	1312.075	1312.411	1311.730	G(36)
G	7	264.137	1274.728	1269.389	1268.725	1269.055	G(35)
G	8	263.144	1255.721	1250.381	1250.717	1250.045	G(34)
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K(33)
A	10	329.521	1194.016	1188.676	1189.012	1188.340	A(32)
R	11	381.555	1170.336	1164.997	1165.333	1164.661	R(31)
A	12	405.234	1138.303	1132.963	1133.299	1132.623	A(30)
K	13	447.932	1094.624	1089.284	1089.620	1088.944	K(29)
A	14	471.611	1051.925	1046.585	1046.922	1046.250	A(28)
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K(27)
S	16	543.320	985.548	980.208	980.544	979.873	S(26)
R	17	585.254	956.537	951.198	951.534	950.862	R(25)
S	18	624.265	904.504	899.164	899.500	898.829	S(24)
S	19	653.375	875.493	870.153	870.489	869.817	S(23)
R	20	705.409	846.482	841.143	841.479	840.807	R(22)
A	21	729.088	794.449	789.109	789.445	788.773	A(21)
G	22	768.095	770.770	765.430	765.766	765.094	G(20)
L	23	785.790	746.423	741.083	741.419	740.747	L(19)
Q	24	828.476	714.085	708.745	709.084	708.412	Q(18)
F	25	877.409	671.382	666.042	666.378	665.707	F(17)
P	26	909.950	622.359	617.019	617.355	616.683	P(16)
V	27	942.873	590.006	584.666	585.004	584.332	V(15)
G	28	961.880	558.985	553.645	553.981	553.309	G(14)
R	29	1013.914	537.976	532.636	532.974	532.302	R(13)
V	30	1046.936	485.944	480.604	480.941	480.269	V(12)
H	31	1092.623	453.921	448.581	448.918	448.246	H(11)
R	32	1184.656	407.235	401.895	402.231	401.560	R(10)
L	33	1182.351	355.201	349.862	350.198	349.526	L(9)
L	34	1224.618	319.509	314.169	314.505	313.833	L(8)
R	35	1272.879	279.812	274.472	274.808	274.136	R(7)
K	36	1314.778	227.778	222.438	222.775	222.103	K(6)
G	37	1333.785	185.880	179.740	180.076	179.404	G(5)
N	38	1371.799	166.873	160.733	161.069	160.397	N(4)
V	39	1426.154	128.098	122.758	123.095	122.423	V(3)
A	40	1449.813	83.304	78.384	78.720	78.048	A(2)
E	41	1492.847	50.025	44.685	45.021	44.349	E(1)

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN⁺YAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=58.11
- ▶ F113278.dat
- ▶ query=q70072.p1
- ▶ precursor=747.091920
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#=1	#=2	#=3	AA	
S	1	37.505	1120.144	1118.135	0.755	1115.877	S[41]
G	2	51.780	1087.872	1083.868	0.755	1083.610	G[40]
R	3	90.805	1073.617	1069.612	1069.864	1069.360	R[39]
G	4	109.001	1034.502	1030.587	1030.839	1030.335	G[38]
K	5	137.084	1020.339	1016.332	1016.584	1016.080	K[37]
G	6	169.059	998.312	994.308	994.560	994.055	G[36]
G	7	193.254	956.296	952.293	952.545	952.041	G[35]
G	8	197.610	942.043	938.038	938.290	937.785	G[34]
K	9	229.633	927.787	923.783	924.034	923.531	K[33]
A	10	247.393	895.763	891.759	892.011	891.507	A[32]
R	11	286.418	878.004	873.999	874.251	873.748	R[31]
A	12	304.177	838.939	834.934	835.236	834.729	A[30]
K	13	336.201	821.220	817.215	817.467	816.963	K[29]
A	14	353.960	789.199	785.195	785.443	784.939	A[28]
K	15	385.984	771.437	767.432	767.684	767.180	K[27]
S	16	407.742	739.413	735.408	735.660	735.156	S[26]
R	17	446.767	717.955	713.950	714.202	713.698	R[25]
S	18	468.526	678.930	674.925	674.977	674.473	S[24]
S	19	490.283	656.972	652.967	653.119	652.615	S[23]
R	20	529.309	635.114	631.109	631.361	630.857	R[22]
A	21	547.068	596.089	592.084	592.336	591.832	A[21]
G	22	561.323	578.329	574.324	574.576	574.072	G[20]
L	23	589.984	558.074	554.069	554.321	553.817	L[19]
Q	24	621.609	535.803	531.798	532.050	531.546	Q[18]
F	25	658.376	503.789	499.783	500.035	499.531	F[17]
F	26	662.639	467.021	463.016	463.268	462.764	F[16]
V	27	707.406	442.758	438.753	439.005	438.501	V[15]
G	28	721.662	417.991	413.986	414.238	413.734	G[14]
R	29	769.687	403.735	399.711	399.963	399.459	R[13]
V	30	785.454	364.710	360.705	360.957	360.453	V[12]
H	31	819.719	339.643	335.638	335.890	335.660	H[11]
R	32	858.744	305.678	301.673	301.925	301.421	R[10]
L	33	887.615	266.653	262.648	262.900	262.396	L[9]
L	34	915.286	238.362	234.357	234.609	234.105	L[8]
R	35	954.311	213.111	209.106	209.358	208.854	R[7]
K	36	986.335	171.086	167.081	167.333	166.829	K[6]
G	37	1000.590	139.062	135.057	135.309	134.805	G[5]
N	38	1029.101	124.806	120.802	121.054	120.550	N[4]
V	39	1059.867	96.296	92.291	92.543	92.039	V[3]
A	40	1087.826	58.530	54.525	54.777	54.273	A[2]
E	41	1119.887	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

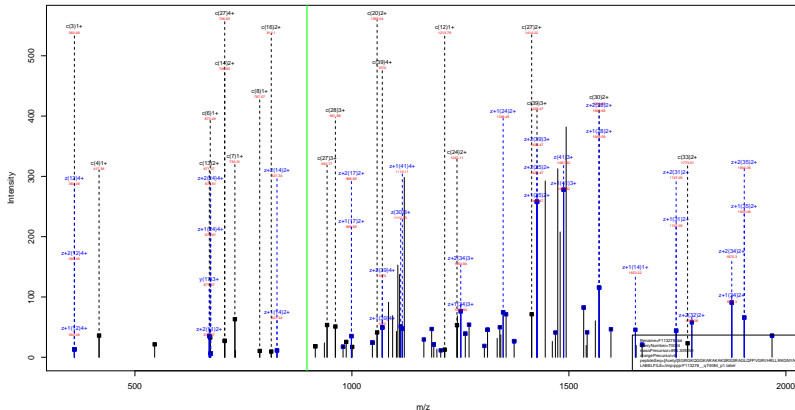
[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=58.11
- ▶ F113278.dat
- ▶ query=q70072.p1
- ▶ precursor=747.091920
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	306.308	893.104	0.806	892.903	S[41]
G[2]	41.625	870.499	867.296	0.806	867.094	G[40]
R[3]	72.846	859.095	855.891	856.093	855.690	R[39]
G[4]	84.250	827.875	824.671	824.873	824.469	G[38]
K[5]	109.869	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.481	790.952	787.548	787.849	787.446	Q[36]
G[7]	146.885	765.240	762.036	762.238	761.834	G[35]
G[8]	158.289	751.836	750.632	750.833	750.430	G[34]
K[9]	183.908	742.431	739.227	739.429	739.026	K[33]
A[10]	198.116	716.812	713.608	713.810	713.407	A[32]
R[11]	229.336	702.605	699.401	699.603	699.199	R[31]
A[12]	243.543	671.385	668.181	668.382	667.979	A[30]
K[13]	269.162	657.177	653.973	654.175	653.772	K[29]
A[14]	283.370	631.558	628.354	628.556	628.153	A[28]
K[15]	308.989	617.351	614.147	614.349	613.945	K[27]
S[16]	326.395	591.732	588.528	588.730	588.326	S[26]
R[17]	357.615	574.325	571.122	571.323	570.920	R[25]
S[18]	375.022	548.105	539.901	540.103	539.700	S[24]
S[19]	392.428	525.689	522.485	522.687	522.283	S[23]
R[20]	423.648	508.282	505.079	505.280	504.877	R[22]
A[21]	437.856	477.072	473.868	474.070	473.667	A[21]
G[22]	449.260	462.865	459.661	459.862	459.459	G[20]
L[23]	471.877	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.489	428.844	425.640	425.841	425.438	Q[18]
F[25]	528.902	403.232	400.028	400.230	399.827	F[17]
P[26]	546.313	373.816	370.614	370.816	370.413	P[16]
V[27]	565.126	354.408	351.204	351.405	351.002	V[15]
G[28]	577.531	334.994	331.790	331.992	331.589	G[14]
R[29]	608.751	323.190	319.986	320.187	319.784	R[13]
V[30]	628.565	291.969	288.766	288.967	288.564	V[12]
H[31]	658.976	272.156	268.952	269.154	268.750	H[11]
R[32]	687.197	244.744	241.540	241.742	241.339	R[10]
L[33]	709.814	213.524	210.320	210.522	210.118	L[9]
L[34]	732.430	190.907	187.703	187.905	187.502	L[8]
R[35]	763.651	168.290	165.086	165.288	164.885	R[7]
K[36]	789.270	137.070	133.866	134.068	133.665	K[6]
G[37]	830.074	111.451	108.247	108.449	108.046	G[5]
N[38]	823.482	100.047	96.843	97.044	96.641	N[4]
V[39]	856.095	77.238	74.034	74.236	73.833	V[3]
A[40]	870.303	44.625	41.422	41.623	41.220	A[2]
E[41]	896.111	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.57
- ▶ F113278.dat
- ▶ query=q70084.p1
- ▶ precursor=896.309250
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.510	4461.491	0.000	4460.483	S[41]
G	2	204.098	4348.467	4332.449	0.000	4331.441	G[40]
R	3	360.199	4201.448	4276.427	4476.435	4274.419	R[39]
G	4	417.220	4135.345	4119.326	4120.334	4118.318	G[38]
K	5	545.315	4078.323	4062.305	4053.313	4061.297	K[37]
Q	6	673.374	3969.278	3934.210	3936.218	3933.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3580.032	3564.013	3565.021	3563.005	A[32]
R	11	1142.650	3508.995	3482.976	3493.984	3491.968	R[31]
A	12	1213.687	3352.994	3336.975	3337.983	3335.967	A[30]
R	13	1381.782	3281.957	3265.938	3266.946	3264.930	R[29]
A	14	1412.819	3153.962	3137.943	3138.951	3136.935	A[28]
K	15	1540.914	3082.925	3066.906	3067.914	3065.898	K[27]
S	16	1627.946	2954.930	2938.911	2939.919	2937.903	S[26]
R	17	1784.047	2887.898	2871.879	2852.887	2850.871	R[25]
S	18	1871.079	2711.899	2695.879	2696.888	2694.872	S[24]
S	19	1958.111	2624.864	2608.844	2609.854	2607.838	S[23]
R	20	2114.213	2537.832	2521.814	2522.822	2520.806	R[22]
A	21	2185.250	2381.831	2365.813	2366.820	2364.805	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.267	G[20]
L	23	2385.388	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2012.135	1996.111	1997.119	1995.104	F[17]
P	26	2727.535	1895.062	1879.043	1850.051	1848.035	P[16]
V	27	2826.603	1788.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1668.940	1652.922	1653.930	1651.914	G[14]
R	29	3030.726	1611.916	1595.897	1596.908	1594.892	R[13]
V	30	3138.794	1495.818	1479.799	1480.807	1478.791	V[12]
H	31	3275.853	1358.748	1340.731	1341.739	1339.723	H[11]
R	32	3431.964	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.121	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.394	R[7]
R	36	3942.319	681.320	665.302	666.309	664.293	R[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	406.204	480.185	481.193	479.177	N[4]
V	39	4276.446	382.161	366.142	367.150	365.134	V[3]
A	40	4347.483	219.086	203.079	204.087	202.071	A[2]
E	41	4476.528	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.57
- ▶ F113278.dat
- ▶ query=q70084_p1
- ▶ precursor=896.309250
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#±1	#±2	z	AA	
S	1	74.062	2039.259	2231.300	8.804	2230.747	S[41]
G	2	102.553	2174.737	2366.726	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2137.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	337.194	1975.618	1967.609	1968.112	1967.105	G[36]
G	7	365.703	1911.569	1903.579	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	609.399	1668.954	1660.941	1661.445	1662.437	A[30]
K	13	671.395	1643.433	1635.423	1635.927	1634.919	K[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.808	1470.311	1469.305	S[26]
R	17	862.527	1404.362	1426.293	1426.797	1425.789	R[25]
S	18	938.683	1356.263	1348.243	1348.746	1347.738	S[24]
S	19	979.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1268.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.051	1147.041	1148.045	1147.137	G[20]
L	23	1178.383	1127.146	1139.136	1139.639	1138.631	L[19]
Q	24	1242.211	1073.595	1065.585	1066.088	1065.080	Q[18]
F	25	1315.745	1006.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.500	876.490	877.003	876.005	V[15]
G	28	1462.216	834.974	826.965	827.468	826.461	G[14]
R	29	1526.369	806.483	808.473	808.976	807.968	R[13]
V	30	1569.901	728.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.868	671.373	670.365	H[11]
R	32	1716.461	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.289	524.280	524.783	523.785	L[9]
L	34	1839.565	478.756	469.747	469.250	468.242	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2138.227	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.016	102.519	101.511	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=65.57
- ▶ F113278.dat
- ▶ query=q70084.p1
- ▶ precursor=896.309250
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1493.175	1487.835	0.672	1487.499	S 41
G 2	68.704	1450.161	1444.821	0.672	1444.455	G 40
R 3	130.738	1431.154	1425.814	1426.150	1425.478	R 39
G 4	139.745	1379.120	1373.780	1374.116	1373.444	G 38
K 5	182.443	1360.113	1354.773	1355.109	1354.437	K 37
Q 6	235.330	1317.414	1312.075	1312.411	1311.795	Q 36
G 7	244.137	1274.758	1269.728	1269.725	1269.055	G 35
G 8	263.144	1255.721	1250.381	1250.717	1250.045	G 34
K 9	305.842	1236.714	1231.674	1231.710	1231.038	K 33
A 10	329.521	1194.015	1188.676	1189.012	1188.340	A 32
R 11	381.555	1170.136	1164.997	1165.333	1164.661	R 31
A 12	409.234	1118.303	1113.963	1113.999	1112.627	A 30
R 13	447.932	1094.024	1089.254	1089.620	1088.944	R 29
A 14	471.611	1051.925	1046.589	1046.922	1046.250	A 28
K 15	514.310	1028.246	1022.907	1023.243	1022.571	K 27
S 16	543.320	985.548	980.208	980.544	979.873	S 26
R 17	595.354	956.537	951.198	951.534	950.862	R 25
S 18	624.365	924.504	899.164	899.500	898.828	S 24
S 19	653.375	875.493	870.153	870.489	869.817	S 23
R 20	705.409	846.482	841.143	841.479	840.807	R 22
A 21	729.088	794.449	789.109	789.445	788.773	A 21
G 22	748.095	770.770	765.430	765.766	765.094	G 20
L 23	785.730	733.762	746.423	746.759	746.087	L 19
Q 24	828.478	714.066	708.726	709.064	708.392	Q 19
F 25	877.409	671.382	665.042	666.378	665.706	F 17
P 26	909.850	622.359	617.019	617.355	616.683	P 16
V 27	942.873	590.028	584.688	585.024	584.352	V 15
G 28	961.880	556.985	551.645	551.981	551.309	G 14
R 29	1013.914	437.878	432.538	432.874	432.202	R 13
V 30	1046.936	488.944	483.604	483.941	483.269	V 12
H 31	1092.623	452.921	447.581	447.918	447.246	H 11
R 32	1144.656	407.735	402.395	402.731	402.059	R 10
L 33	1182.351	355.201	349.862	350.198	349.526	L 9
L 34	1220.046	317.507	312.167	312.503	311.831	L 8
R 35	1272.079	279.812	274.472	274.808	274.136	R 7
K 36	1314.778	237.778	232.438	232.775	232.103	K 6
G 37	1333.785	185.080	179.740	180.076	179.404	G 5
N 38	1371.799	166.073	160.733	161.069	160.397	N 4
V 39	1426.154	128.058	122.719	123.055	122.383	V 3
A 40	1449.831	73.704	68.364	68.700	68.028	A 2
E 41	1492.347	30.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=65.57
- ▶ F113278.dat
- ▶ query=q70084_p1
- ▶ precursor=896.309250
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	57.525	1120.133	1116.120	0.755	1115.876	G 41
G 2	51.780	1067.672	1063.660	0.755	1063.616	G 40
R 3	90.805	1073.617	1069.612	1069.864	1069.360	R 39
G 4	105.061	1034.902	1030.887	1030.839	1030.339	G 38
K 5	137.084	1020.136	1016.132	1016.584	1016.080	K 37
Q 6	169.009	898.313	894.303	894.800	894.295	Q 36
G 7	353.354	958.288	952.293	952.545	952.041	G 35
G 8	197.810	942.043	938.039	938.290	937.788	G 34
K 9	229.633	927.787	923.783	924.034	923.531	K 33
A 10	247.393	895.763	891.750	892.011	891.507	A 32
R 11	286.418	878.004	873.990	874.251	873.746	R 31
A 12	304.177	838.978	834.974	835.226	834.722	A 30
R 13	336.201	821.220	817.215	817.467	816.963	R 29
A 14	353.960	789.190	785.191	785.443	784.939	A 28
K 15	389.984	771.437	767.432	767.684	767.180	K 27
S 16	407.742	739.413	735.408	735.660	735.156	S 26
R 17	446.767	717.695	713.690	713.942	713.438	R 25
S 18	468.528	678.830	674.825	674.877	674.373	S 24
S 19	490.283	656.872	652.867	653.119	652.615	S 23
R 20	529.309	635.114	631.109	631.361	630.857	R 22
A 21	547.058	596.088	592.084	592.336	591.832	A 21
G 22	561.323	578.329	574.324	574.576	574.072	G 20
L 23	589.334	604.074	600.069	600.321	599.817	L 19
Q 24	621.809	535.803	531.798	532.050	531.546	Q 19
F 25	658.376	503.789	499.783	500.035	499.531	F 17
P 26	682.639	467.621	463.616	463.868	463.364	P 16
V 27	707.406	442.759	438.753	439.005	438.501	V 15
G 28	721.662	417.991	413.986	414.238	413.734	G 14
R 29	760.887	403.739	399.733	400.002	399.478	R 13
V 30	785.454	364.710	360.705	360.957	360.453	V 12
H 31	819.719	339.943	335.938	336.190	335.686	H 11
R 32	858.744	305.678	301.673	301.925	301.421	R 10
L 33	887.015	266.653	262.648	262.900	262.396	L 9
L 34	915.286	238.382	234.377	234.629	234.125	L 8
R 35	954.311	210.114	206.109	206.358	205.854	R 7
R 36	986.335	171.088	167.083	167.333	166.829	R 6
G 37	1000.590	139.662	135.657	135.909	134.805	G 5
N 38	1029.101	124.806	120.802	121.054	120.550	N 4
V 39	1069.867	96.290	92.291	92.543	92.039	V 3
A 40	1087.626	55.530	51.525	51.777	51.273	A 2
E 41	1119.387	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.37
- ▶ F113278.dat
- ▶ query=q70090_p1
- ▶ precursor=747.092540
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.515	4481.491	0.000	4460.481	S[41]
G	2	304.098	4348.467	4332.440	0.000	4331.441	G[40]
R	3	360.199	4291.446	4275.427	4276.435	4274.419	R[39]
G	4	417.220	4135.345	4119.326	4120.334	4118.319	G[38]
K	5	545.315	4078.323	4062.305	4063.313	4061.291	K[37]
Q	6	673.374	3950.228	3934.210	3935.218	3933.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3650.032	3634.013	3635.021	3633.005	A[32]
R	11	1142.050	3598.995	3492.975	3493.984	3491.968	R[31]
A	12	1213.007	3352.984	3336.975	3337.983	3335.967	A[30]
R	13	1341.782	3281.857	3265.838	3266.846	3264.830	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2887.598	2871.579	2872.587	2870.571	R[25]
S	18	1873.079	2711.496	2695.477	2696.486	2694.470	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.268	G[20]
L	23	2355.355	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2022.130	1996.111	1997.119	1995.104	F[17]
P	26	2727.538	1895.062	1849.043	1850.051	1848.035	P[16]
V	27	2826.603	1768.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1698.940	1652.922	1653.930	1651.914	G[14]
R	29	3039.726	1611.919	1595.900	1596.908	1594.892	R[13]
V	30	3138.764	1495.818	1439.799	1440.807	1438.791	V[12]
H	31	3275.853	1356.740	1340.721	1341.729	1339.723	H[11]
R	32	3431.954	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.123	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.395	R[7]
K	36	3932.319	681.300	665.282	666.290	664.274	K[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	496.204	480.185	481.193	479.177	N[4]
Y	39	4276.446	382.161	366.142	367.150	365.134	Y[3]
A	40	4347.483	219.098	203.079	204.087	202.071	A[2]
E	41	4476.526	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.37
- ▶ F113278.dat
- ▶ query=q70090.p1
- ▶ precursor=747.092540
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2232.161	S[41]
G	2	102.553	2174.737	2266.726	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2117.313	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	327.194	1975.616	1967.607	1968.112	1967.105	G[36]
G	7	385.704	1913.565	1903.579	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	607.337	1676.951	1668.941	1669.446	1668.438	A[30]
R	13	671.395	1643.433	1635.423	1633.927	1633.910	R[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	938.918	1356.252	1348.243	1348.746	1347.738	S[24]
S	19	979.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1178.181	1129.140	1121.131	1121.635	1120.627	L[19]
Q	24	1242.211	1070.596	1062.589	1063.093	1062.085	Q[18]
F	25	1315.745	1008.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.506	876.496	877.001	875.993	V[15]
G	28	1462.216	834.974	826.965	827.469	826.461	G[14]
R	29	1526.369	806.483	798.454	798.958	797.950	R[13]
V	30	1569.901	728.413	720.403	720.907	719.899	V[12]
H	31	1636.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.461	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.299	524.289	524.793	523.785	L[9]
L	34	1829.568	478.756	469.747	469.251	468.243	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.227	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.043	102.547	101.539	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.37
- ▶ F113278.dat
- ▶ query=q70090.p1
- ▶ precursor=747.092540
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	#s3	AA	
S	1	48.607	1492.172	1487.835	0.872	1487.499	S[41]
G	2	66.704	1450.181	1444.521	0.672	1444.462	G[40]
R	3	130.718	1431.154	1425.814	1420.150	1425.470	R[39]
G	4	139.745	1379.120	1373.780	1374.116	1373.444	G[38]
K	5	182.443	1360.113	1354.773	1355.109	1354.437	K[37]
Q	6	225.130	1317.414	1312.075	1312.411	1311.730	Q[36]
G	7	244.137	1274.725	1269.389	1269.725	1269.052	G[35]
G	8	263.144	1235.921	1230.581	1250.717	1250.045	G[34]
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.521	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	381.555	1170.336	1164.997	1165.333	1164.661	R[31]
A	12	405.234	1133.303	1127.967	1127.300	1127.000	A[30]
K	13	447.932	1094.624	1089.284	1089.620	1088.948	K[29]
A	14	491.611	1051.925	1046.585	1046.922	1046.250	A[28]
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.320	985.548	980.208	980.544	979.873	S[26]
R	17	585.254	956.531	951.198	951.534	950.862	R[25]
S	18	624.305	904.504	899.164	899.500	898.828	S[24]
S	19	653.375	875.493	870.153	870.489	869.817	S[23]
R	20	705.400	846.482	841.143	841.479	840.807	R[22]
A	21	729.088	794.449	789.109	789.445	788.773	A[21]
Q	22	748.095	770.770	765.430	765.766	765.094	Q[20]
L	23	783.790	742.762	737.423	736.759	736.087	L[19]
Q	24	828.476	714.085	708.745	709.084	708.412	Q[18]
F	25	877.409	671.382	666.042	666.378	665.706	F[17]
F	26	909.950	622.359	617.019	617.355	616.683	F[16]
V	27	942.873	590.006	584.666	585.004	584.332	V[15]
Q	28	961.860	556.985	551.645	551.981	551.309	Q[14]
R	29	1013.914	519.016	513.676	514.014	513.342	R[13]
V	30	1046.936	485.944	480.604	480.941	480.269	V[12]
H	31	1092.623	452.921	447.581	447.918	447.246	H[11]
R	32	1144.656	407.235	401.895	402.231	401.560	R[10]
L	33	1182.351	355.201	349.862	350.198	349.526	L[9]
L	34	1230.046	319.509	314.169	314.505	313.833	L[8]
R	35	1272.079	279.812	274.472	274.808	274.136	R[7]
K	36	1314.778	227.778	222.438	222.775	222.103	K[6]
G	37	1333.785	185.880	179.740	180.076	179.404	G[5]
N	38	1371.799	146.073	140.733	141.069	140.397	N[4]
V	39	1426.154	128.098	122.758	123.095	122.423	V[3]
A	40	1469.213	83.304	78.384	78.720	78.048	A[2]
E	41	1492.847	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.37
- ▶ F113278.dat
- ▶ query=q70090_p1
- ▶ precursor=747.092540
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	17.526	1120.133	1116.138	0.755	1115.878	S 41
G 2	51.780	1087.872	1083.888	0.755	1083.618	G 40
R 3	90.805	1037.617	1033.612	1069.864	1039.360	R 39
G 4	105.061	1034.592	1030.587	1030.839	1030.335	G 38
K 5	137.084	1020.330	1016.332	1016.384	1016.080	K 37
G 6	169.099	999.311	994.308	994.350	994.050	G 36
G 7	183.394	956.290	952.293	952.345	952.041	G 35
G 8	197.610	942.043	938.038	938.290	937.788	G 34
K 9	229.633	927.787	923.783	924.034	923.531	K 33
A 10	247.303	895.761	891.759	892.011	891.507	A 32
R 11	286.418	878.004	873.999	874.251	873.748	R 31
A 12	304.177	838.979	834.974	835.226	834.723	A 30
K 13	338.201	821.250	817.215	817.467	816.965	K 29
A 14	353.960	789.190	785.191	785.443	784.939	A 28
K 15	385.984	771.437	767.432	767.684	767.180	K 27
S 16	407.742	739.413	735.408	735.660	735.156	S 26
R 17	446.767	717.895	713.890	713.902	713.398	R 25
S 18	468.526	678.630	674.625	674.877	674.373	S 24
S 19	490.283	655.872	652.867	653.119	652.615	S 23
R 20	529.309	635.114	631.109	631.361	630.857	R 22
A 21	547.068	596.088	592.084	592.336	591.833	A 21
G 22	561.323	578.320	574.324	574.576	574.072	G 20
L 23	589.594	564.074	560.069	560.321	559.817	L 19
G 24	621.869	535.801	531.798	532.050	531.546	G 18
F 25	658.376	503.788	499.783	500.035	499.531	F 17
P 26	682.639	467.021	463.016	463.268	462.764	P 16
V 27	707.406	442.758	438.753	439.005	438.501	V 15
G 28	721.662	417.991	413.988	414.238	413.734	G 14
R 29	860.627	401.735	397.731	399.982	399.478	R 13
V 30	785.454	384.719	366.705	366.957	360.453	V 12
H 31	819.719	339.943	335.938	336.190	335.686	H 11
R 32	858.744	305.676	301.673	301.925	301.421	R 10
L 33	887.015	266.653	262.648	262.900	262.396	L 9
L 34	915.286	238.382	234.377	234.629	234.125	L 8
R 35	954.311	210.111	206.106	206.358	205.854	R 7
K 36	986.335	171.088	167.083	167.335	166.831	K 6
G 37	1020.590	139.062	135.057	135.309	134.805	G 5
N 38	1029.101	124.800	120.802	121.054	120.550	N 4
Y 39	1069.867	96.296	92.291	92.543	92.039	Y 3
A 40	1087.626	55.530	51.525	51.777	51.273	A 2
E 41	1119.887	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=48.37
- ▶ F113278.dat
- ▶ query=q70090_p1
- ▶ precursor=747.092540
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	896.308	893.104	0.806	892.903	S[41]
G[2]	41.625	870.499	867.296	0.806	867.094	G[40]
R[3]	72.846	859.095	855.891	856.093	855.690	R[39]
G[4]	84.250	827.875	824.671	824.873	824.469	G[38]
K[5]	109.869	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.481	790.852	787.648	787.849	787.446	Q[36]
G[7]	146.885	765.240	762.036	762.238	761.834	G[35]
G[8]	158.289	753.836	750.632	750.833	750.430	G[34]
K[9]	183.908	742.431	739.227	739.429	739.026	K[33]
A[10]	198.116	716.812	713.608	713.810	713.407	A[32]
R[11]	229.336	702.605	699.401	699.603	699.199	R[31]
A[12]	243.543	671.385	668.181	668.382	667.979	A[30]
K[13]	269.162	657.177	653.973	654.175	653.772	K[29]
A[14]	283.370	631.558	628.354	628.556	628.153	A[28]
K[15]	308.989	617.351	614.147	614.349	613.945	K[27]
S[16]	326.395	591.732	588.528	588.730	588.326	S[26]
R[17]	357.615	574.325	571.122	571.323	570.920	R[25]
S[18]	375.022	548.105	544.901	545.103	544.700	S[24]
S[19]	392.428	525.699	522.495	522.697	522.293	S[23]
R[20]	423.648	508.292	505.089	505.290	504.887	R[22]
A[21]	437.856	477.072	473.868	474.070	473.667	A[21]
G[22]	449.260	462.865	459.661	459.862	459.459	G[20]
L[23]	471.877	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.489	428.844	425.640	425.841	425.438	Q[18]
F[25]	528.902	403.232	400.028	400.230	399.827	F[17]
P[26]	546.313	373.816	370.614	370.816	370.413	P[16]
V[27]	565.126	354.408	351.204	351.405	351.002	V[15]
G[28]	577.531	334.994	331.790	331.992	331.589	G[14]
R[29]	608.751	323.190	319.986	320.187	319.784	R[13]
V[30]	628.565	291.969	288.766	288.967	288.564	V[12]
H[31]	655.976	272.156	268.952	269.154	268.750	H[11]
R[32]	687.197	244.744	241.540	241.742	241.339	R[10]
L[33]	709.814	213.524	210.320	210.522	210.118	L[9]
L[34]	732.430	190.907	187.703	187.905	187.502	L[8]
R[35]	763.651	168.290	165.086	165.288	164.885	R[7]
K[36]	789.270	137.070	133.866	134.068	133.665	K[6]
G[37]	830.074	111.451	108.247	108.449	108.046	G[5]
N[38]	823.482	100.047	96.843	97.044	96.641	N[4]
V[39]	856.095	77.238	74.034	74.236	73.833	V[3]
A[40]	870.303	44.625	41.422	41.623	41.220	A[2]
E[41]	896.111	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.60
- ▶ F113278.dat
- ▶ query=q70094_p1
- ▶ precursor=896.309680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.510	4461.491	0.000	4460.483	S[41]
G	2	204.068	4348.467	4332.449	0.000	4331.441	G[40]
R	3	360.199	4201.448	4276.427	4476.435	4274.419	R[39]
G	4	417.220	4135.345	4119.326	4120.334	4118.318	G[38]
K	5	545.315	4078.323	4062.305	4053.313	4051.297	K[37]
Q	6	673.374	3969.270	3934.210	3935.218	3933.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3580.032	3564.013	3565.021	3563.005	A[32]
R	11	1142.650	3508.995	3492.976	3493.984	3491.968	R[31]
A	12	1213.687	3382.994	3338.975	3337.983	3335.967	A[30]
R	13	1341.782	3281.957	3255.938	3256.946	3254.930	R[29]
A	14	1412.819	3153.962	3137.943	3138.951	3136.935	A[28]
K	15	1540.914	3062.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2897.598	2851.579	2852.587	2850.571	R[25]
S	18	1871.079	2741.490	2695.471	2696.479	2694.463	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.267	G[20]
L	23	2385.308	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2012.150	1996.111	1997.119	1995.104	F[17]
P	26	2727.535	1895.062	1849.043	1850.051	1848.035	P[16]
V	27	2826.603	1788.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1668.940	1652.922	1653.930	1651.914	G[14]
R	29	3030.726	1611.916	1595.897	1596.908	1594.892	R[13]
V	30	3138.784	1495.812	1439.792	1440.800	1438.784	V[12]
H	31	3275.853	1358.748	1340.731	1341.739	1339.723	H[11]
R	32	3431.964	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.121	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.394	R[7]
K	36	3942.319	681.320	665.302	666.310	664.294	K[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	406.204	480.185	481.193	479.177	N[4]
V	39	4276.446	382.161	366.142	367.150	365.134	V[3]
A	40	4347.483	219.086	203.079	204.087	202.071	A[2]
E	41	4476.526	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.60
- ▶ F113278.dat
- ▶ query=q70094_p1
- ▶ precursor=896.309680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#=1	#=2	z	AA	
S	1	74.062	2039.259	2231.300	8.804	2230.147	S[41]
G	2	102.553	2174.737	2266.726	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2117.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	327.194	1975.618	1967.609	1968.112	1967.105	G[36]
G	7	395.703	1911.569	1903.579	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	577.639	1735.001	1746.992	1747.986	1746.488	R[31]
A	12	607.347	1676.943	1668.941	1669.945	1668.439	A[30]
K	13	671.395	1643.433	1635.423	1633.927	1632.919	K[29]
A	14	706.913	1577.984	1569.975	1569.979	1568.971	A[28]
K	15	770.961	1541.966	1533.957	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.802	1426.792	1426.797	1425.789	R[25]
S	18	936.043	1369.853	1348.243	1348.746	1347.739	S[24]
S	19	979.559	1312.736	1304.726	1305.230	1304.222	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1178.183	1127.146	1139.135	1139.639	1138.631	L[19]
G	24	1242.211	1063.595	1052.589	1063.093	1062.085	G[18]
F	25	1315.745	1006.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.500	876.490	877.003	876.005	V[15]
G	28	1462.216	834.974	826.965	827.468	826.461	G[14]
R	29	1526.809	806.483	804.474	804.978	803.970	R[13]
V	30	1569.901	728.413	720.403	720.907	719.899	V[12]
H	31	1636.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.461	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.269	524.260	524.763	523.755	L[9]
L	34	1829.566	478.796	469.787	469.291	468.283	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.727	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.043	102.547	101.539	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.60
- ▶ F113278.dat
- ▶ query=q70094_p1
- ▶ precursor=896.309680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1493.175	1487.835	0.672	1487.499	S 41
G 2	68.704	1450.161	1444.831	0.672	1444.485	G 40
R 3	120.738	1431.154	1425.814	1426.150	1425.478	R 39
G 4	139.745	1379.120	1373.780	1374.116	1374.444	G 38
K 5	182.443	1360.113	1354.773	1355.109	1354.431	K 37
Q 6	225.139	1317.614	1312.625	1313.611	1311.739	Q 36
G 7	244.137	1274.728	1269.389	1269.725	1269.051	G 35
G 8	263.144	1255.721	1250.381	1250.717	1250.045	G 34
K 9	305.842	1236.714	1231.374	1231.710	1231.038	K 33
A 10	329.521	1194.016	1188.676	1189.012	1188.340	A 32
R 11	381.555	1170.330	1164.997	1165.333	1164.661	R 31
A 12	405.234	1118.303	1112.967	1113.999	1112.027	A 30
K 13	447.932	1094.624	1089.284	1089.620	1088.948	K 29
A 14	471.611	1051.925	1046.586	1046.922	1046.250	A 28
K 15	514.310	1028.246	1022.907	1023.243	1022.571	K 27
S 16	543.320	985.148	980.208	980.544	979.873	S 26
R 17	595.354	956.537	951.108	951.534	950.862	R 25
S 18	624.365	904.504	899.164	899.500	898.828	S 24
S 19	653.375	875.493	870.153	870.489	869.817	S 23
R 20	705.409	846.482	841.143	841.479	840.807	R 22
A 21	729.688	794.449	789.109	789.445	788.773	A 21
G 22	748.695	770.770	765.430	765.766	765.094	G 20
L 23	785.790	751.762	746.423	746.759	746.087	L 19
Q 24	828.478	714.696	709.357	709.694	709.022	Q 18
F 25	877.499	671.382	666.042	666.378	665.706	F 17
P 26	909.850	622.359	617.019	617.355	616.683	P 16
V 27	942.873	590.009	584.668	585.004	584.332	V 15
G 28	961.880	556.985	551.645	551.981	551.309	G 14
R 29	1013.014	537.978	532.638	532.974	532.302	R 13
V 30	1049.936	485.944	480.604	480.941	480.269	V 12
H 31	1092.623	452.921	447.581	447.918	447.246	H 11
R 32	1144.656	407.295	401.955	402.291	401.560	R 10
L 33	1182.351	355.201	349.862	350.198	349.526	L 9
L 34	1220.046	317.507	312.167	312.503	311.831	L 8
R 35	1272.079	279.812	274.472	274.808	274.136	R 7
K 36	1314.718	237.778	232.438	232.775	232.103	K 6
G 37	1333.785	185.980	179.740	180.076	179.404	G 5
N 38	1371.799	166.073	160.733	161.069	160.397	N 4
V 39	1426.184	128.058	122.718	123.055	122.383	V 3
A 40	1449.833	73.704	68.364	68.700	68.029	A 2
E 41	1492.847	30.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=71.60
- ▶ F113278.dat
- ▶ query=q70094_p1
- ▶ precursor=896.309680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#=1	#=2	#=3	#=4	AA
S[1]	37.505	1120.133	1116.128	0.705	1115.876		S[41]
G[2]	51.780	1037.872	1063.568	0.795	1023.610		G[40]
R[3]	90.805	1073.617	1069.612	1069.864	1069.360		R[39]
G[4]	109.061	1034.592	1030.587	1030.839	1030.335		G[38]
K[5]	137.084	1020.336	1016.332	1016.584	1016.080		K[37]
G[6]	169.059	998.312	994.308	994.560	994.056		G[36]
G[7]	183.354	956.296	962.293	952.545	952.041		G[35]
G[8]	197.610	942.043	938.038	938.290	937.786		G[34]
K[9]	229.633	927.787	923.783	924.034	923.531		K[33]
A[10]	247.393	895.763	891.759	892.011	891.507		A[32]
R[11]	286.418	878.004	873.999	874.251	873.748		R[31]
A[12]	354.177	838.979	834.974	835.226	834.722		A[30]
K[13]	336.201	821.220	817.215	817.467	816.964		K[29]
A[14]	353.960	789.199	785.195	785.447	784.943		A[28]
K[15]	385.904	771.437	767.432	767.684	767.180		K[27]
S[16]	407.742	739.413	735.408	735.660	735.156		S[26]
R[17]	446.767	717.955	713.950	714.202	713.698		R[25]
S[18]	468.526	678.930	674.925	675.177	674.673		S[24]
S[19]	490.283	656.672	652.667	652.919	652.415		S[23]
R[20]	529.309	635.114	631.109	631.361	630.857		R[22]
A[21]	547.088	596.089	592.084	592.336	591.832		A[21]
G[22]	561.323	578.329	574.324	574.576	574.072		G[20]
L[23]	589.984	664.074	660.069	660.321	659.817		L[19]
Q[24]	621.609	535.803	531.798	532.050	531.546		Q[18]
F[25]	658.376	503.788	499.783	500.035	499.531		F[17]
F[26]	662.639	467.021	463.016	463.268	462.764		F[16]
V[27]	707.406	442.750	438.745	439.005	438.501		V[15]
G[28]	721.662	417.991	413.986	414.238	413.734		G[14]
R[29]	760.687	403.735	399.731	399.982	399.478		R[13]
V[30]	785.454	364.710	360.705	360.957	360.453		V[12]
H[31]	816.719	339.643	335.638	335.890	335.386		H[11]
R[32]	858.744	305.676	301.671	301.923	301.419		R[10]
L[33]	887.615	266.657	262.648	262.900	262.396		L[9]
L[34]	915.286	238.362	234.357	234.608	234.104		L[8]
R[35]	924.311	210.111	206.106	206.358	205.854		R[7]
K[36]	966.335	171.086	167.081	167.333	166.829		K[6]
G[37]	1000.590	139.064	135.059	135.309	134.805		G[5]
N[38]	1028.101	124.806	120.802	121.054	120.550		N[4]
V[39]	1069.867	96.296	92.291	92.543	92.039		V[3]
A[40]	1067.606	58.530	54.525	54.777	54.273		A[2]
E[41]	1119.887	37.771	33.766	34.018	33.514		E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.15
- ▶ F113278.dat
- ▶ query=q70095.p1
- ▶ precursor=896.309700
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4477.515	4481.491	0.000	4460.481	S 41
G 2	304.098	4348.467	4332.440	0.000	4331.441	G 40
R 3	360.199	4291.446	4275.427	4276.435	4274.419	R 39
G 4	417.270	4135.345	4119.326	4120.334	4118.319	G 38
K 5	545.315	4078.323	4062.305	4063.313	4061.291	K 37
Q 6	673.174	3950.226	3934.210	3935.218	3933.202	Q 36
G 7	730.395	3822.170	3806.151	3807.159	3805.143	G 35
G 8	787.417	3765.148	3749.130	3750.138	3748.122	G 34
K 9	915.512	3708.127	3692.108	3693.116	3691.100	K 33
A 10	986.549	3580.032	3564.013	3565.021	3563.005	A 32
R 11	1142.650	3528.995	3492.975	3493.984	3491.968	R 31
A 12	1213.677	3352.984	3336.975	3337.983	3335.966	A 30
R 13	1341.782	3281.857	3265.838	3266.846	3264.830	R 29
A 14	1412.819	3153.762	3137.743	3138.751	3136.735	A 28
K 15	1540.914	3082.725	3066.706	3067.714	3065.698	K 27
S 16	1627.946	2954.630	2938.611	2939.619	2937.603	S 26
R 17	1784.047	2887.598	2851.579	2852.587	2850.571	R 25
S 18	1873.079	2711.496	2695.477	2696.486	2694.470	S 24
S 19	1958.111	2624.464	2608.446	2609.454	2607.438	S 23
R 20	2114.213	2537.432	2521.414	2522.422	2520.406	R 22
A 21	2185.250	2381.331	2365.313	2366.320	2364.305	A 21
G 22	2242.271	2310.294	2294.275	2295.283	2293.266	G 20
L 23	2355.355	2253.273	2237.254	2238.262	2236.246	L 19
Q 24	2483.414	2140.189	2124.170	2125.178	2123.162	Q 18
F 25	2630.482	2022.130	1996.111	1997.119	1995.104	F 17
F 26	2727.538	1895.062	1849.043	1850.051	1848.035	F 16
V 27	2826.603	1768.009	1751.990	1752.998	1750.982	V 15
G 28	2883.625	1698.940	1652.922	1653.930	1651.914	G 14
R 29	3039.726	1611.919	1595.900	1596.908	1594.892	R 13
V 30	3138.764	1495.818	1439.799	1440.807	1438.791	V 12
H 31	3275.853	1356.740	1340.721	1341.739	1339.723	H 11
R 32	3431.954	1219.691	1203.672	1204.680	1202.664	R 10
L 33	3545.038	1063.589	1047.571	1048.579	1046.563	L 9
L 34	3658.123	950.505	934.487	935.495	933.479	L 8
R 35	3814.224	837.421	821.403	822.410	820.395	R 7
K 36	3932.319	681.300	665.282	666.290	664.264	K 6
G 37	3999.340	553.225	537.207	538.214	536.199	G 5
N 38	4113.383	496.204	480.185	481.193	479.177	N 4
Y 39	4276.446	382.161	366.142	367.150	365.134	Y 3
A 40	4347.483	219.098	203.079	204.087	202.071	A 2
E 41	4476.526	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.15
- ▶ F113278.dat
- ▶ query=q70095.p1
- ▶ precursor=896.309700
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#±1	#±2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2239.147	S[41]
G	2	102.553	2174.737	2166.738	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2137.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	337.194	1975.616	1967.609	1968.112	1967.205	G[36]
G	7	365.703	1911.569	1903.579	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.820	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	607.889	1669.954	1661.943	1662.447	1661.439	A[30]
K	13	671.395	1643.433	1635.423	1633.927	1632.919	K[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	936.043	1369.263	1361.253	1348.746	1347.739	S[24]
S	19	999.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.051	1147.041	1148.045	1147.137	G[20]
L	23	1179.148	1119.140	1131.130	1131.935	1131.027	L[19]
G	24	1242.211	1070.598	1062.589	1063.093	1062.085	G[18]
F	25	1315.745	1005.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.500	876.490	877.003	875.995	V[15]
G	28	1442.216	834.974	826.965	827.468	826.461	G[14]
R	29	1500.269	808.483	800.474	798.958	797.950	R[13]
V	30	1569.901	729.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.481	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.289	524.280	524.783	523.785	L[9]
L	34	1829.565	478.756	469.747	468.251	467.243	L[8]
R	35	1907.618	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2138.727	181.564	183.575	184.079	183.071	V[3]
A	40	2114.245	110.026	102.043	102.547	101.539	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.15
- ▶ F113278.dat
- ▶ query=q70095.p1
- ▶ precursor=896.309700
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1493.175	1497.835	0.672	1497.499	S 41
G 2	68.704	1450.161	1444.821	0.672	1444.485	G 40
R 3	130.738	1431.154	1425.814	1426.150	1429.478	R 39
G 4	139.745	1379.120	1373.780	1374.116	1373.444	G 38
K 5	182.443	1360.113	1354.773	1355.109	1354.437	K 37
Q 6	235.330	1337.414	1332.676	1312.411	1331.790	Q 36
G 7	244.137	1274.725	1269.389	1269.725	1269.085	G 35
G 8	283.144	1255.721	1250.381	1250.717	1250.045	G 34
K 9	306.842	1236.714	1231.374	1231.710	1231.038	K 33
A 10	329.521	1194.010	1188.676	1189.012	1188.340	A 32
R 11	381.555	1170.336	1164.997	1165.333	1164.661	R 31
A 12	409.234	1138.303	1132.967	1133.299	1132.627	A 30
R 13	447.932	1094.628	1089.284	1089.620	1088.948	R 29
A 14	471.611	1051.925	1046.586	1046.922	1046.250	A 28
K 15	514.310	1028.246	1022.907	1023.243	1022.571	K 27
S 16	543.320	985.548	980.208	980.544	979.873	S 26
R 17	595.354	956.517	951.176	951.514	950.842	R 25
S 18	624.365	924.509	919.164	919.500	918.828	S 24
S 19	653.375	875.493	870.153	870.489	869.817	S 23
R 20	705.409	846.482	841.143	841.479	840.807	R 22
A 21	729.088	794.449	789.109	789.445	788.773	A 21
G 22	748.095	770.770	765.430	765.766	765.094	G 20
L 23	785.730	751.762	746.423	746.759	746.087	L 19
Q 24	828.478	714.056	708.716	709.054	708.382	Q 19
F 25	877.409	671.382	666.042	666.378	665.706	F 17
F 26	909.850	622.359	617.019	617.355	616.683	F 16
V 27	942.873	590.008	584.668	585.004	584.332	V 15
G 28	961.880	556.985	551.645	551.981	551.309	G 14
V 29	1013.814	537.978	532.638	532.974	532.302	V 13
V 30	1046.836	489.944	484.604	484.941	484.269	V 12
H 31	1092.623	452.921	447.582	447.918	447.246	H 11
R 32	1144.656	407.235	401.895	402.231	401.560	R 10
L 33	1182.351	355.201	349.862	350.198	349.526	L 9
L 34	1220.646	317.507	312.167	312.503	311.831	L 8
R 35	1272.679	279.812	274.472	274.808	274.136	R 7
R 36	1314.778	227.778	222.438	222.775	222.103	R 6
G 37	1333.785	185.880	179.740	180.076	179.404	G 5
N 38	1371.799	166.073	160.733	161.069	160.397	N 4
V 39	1426.154	128.058	122.719	123.055	122.383	V 3
A 40	1449.831	73.704	68.364	68.700	68.028	A 2
E 41	1492.287	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=64.15
- ▶ F113278.dat
- ▶ query=q70095.p1
- ▶ precursor=896.309700
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	57.525	1120.133	1116.120	0.755	1115.876	S 41
G 2	51.780	1067.672	1063.868	0.755	1063.616	G 40
R 3	90.805	1073.617	1069.612	1069.864	1069.309	R 39
G 4	105.061	1034.992	1030.987	1030.839	1030.339	G 38
K 5	137.084	1020.136	1016.132	1016.584	1016.080	K 37
Q 6	169.009	988.313	984.308	984.800	984.295	Q 36
G 7	353.354	958.288	952.283	952.545	952.041	G 35
G 8	197.810	942.043	938.038	938.290	937.788	G 34
K 9	229.633	927.787	923.783	924.034	923.531	K 33
A 10	247.393	895.763	891.759	892.011	891.507	A 32
R 11	286.418	878.004	874.000	874.251	873.746	R 31
A 12	304.177	838.978	834.974	835.226	834.722	A 30
R 13	336.201	821.220	817.215	817.467	816.963	R 29
A 14	353.960	789.196	785.191	785.443	784.939	A 28
K 15	389.984	771.437	767.432	767.684	767.180	K 27
S 16	407.742	739.413	735.408	735.660	735.156	S 26
R 17	446.767	717.655	713.650	713.902	713.398	R 25
S 18	468.528	678.630	674.625	674.877	674.373	S 24
S 19	490.283	656.872	652.867	653.119	652.615	S 23
R 20	529.309	635.114	631.109	631.361	630.857	R 22
A 21	547.068	596.088	592.084	592.336	591.832	A 21
G 22	561.323	578.329	574.324	574.576	574.072	G 20
L 23	589.334	604.074	600.069	600.321	599.817	L 19
Q 24	621.609	535.803	531.798	532.050	531.546	Q 19
F 25	658.376	503.789	499.784	500.036	499.531	F 17
P 26	682.639	467.021	463.016	463.268	462.764	P 16
V 27	707.406	442.759	438.753	439.005	438.501	V 15
G 28	721.662	417.991	413.986	414.238	413.734	G 14
D 29	760.687	403.739	399.734	399.986	399.482	D 13
V 30	785.454	394.710	366.705	366.957	360.453	V 12
H 31	819.719	339.943	335.938	336.190	335.686	H 11
R 32	858.744	305.678	301.673	301.925	301.421	R 10
L 33	887.015	266.653	262.648	262.900	262.396	L 9
L 34	915.286	238.382	234.377	234.629	234.125	L 8
R 35	954.311	210.114	206.109	206.361	205.857	R 7
R 36	986.335	171.088	167.083	167.335	166.830	R 6
G 37	1000.590	139.062	135.057	135.309	134.805	G 5
N 38	1029.101	124.806	120.801	121.054	120.550	N 4
V 39	1069.867	96.290	92.281	92.543	92.039	V 3
A 40	1087.626	55.530	51.525	51.777	51.273	A 2
E 41	1119.387	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.52
- ▶ F113278.dat
- ▶ query=q70100.p1
- ▶ precursor=747.093040
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.515	4481.491	0.000	4460.481	S[41]
G	2	304.098	4348.467	4332.440	0.000	4331.441	G[40]
R	3	360.199	4291.446	4275.427	4276.435	4274.419	R[39]
G	4	417.270	4135.345	4119.326	4120.334	4118.319	G[38]
K	5	545.315	4078.323	4062.305	4063.313	4061.297	K[37]
Q	6	673.374	3950.228	3934.210	3935.218	3933.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3580.032	3564.013	3565.021	3563.005	A[32]
R	11	1142.050	3528.995	3492.975	3493.984	3491.968	R[31]
A	12	1213.007	3352.984	3336.975	3337.983	3335.967	A[30]
R	13	1341.782	3281.957	3265.938	3266.946	3264.930	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2887.598	2851.579	2852.587	2850.571	R[25]
S	18	1871.079	2711.496	2695.477	2696.486	2694.470	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.268	G[20]
L	23	2355.355	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2022.130	1996.111	1997.119	1995.104	F[17]
P	26	2727.535	1895.062	1849.043	1850.051	1848.035	P[16]
V	27	2826.603	1768.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1698.940	1652.922	1653.930	1651.914	G[14]
R	29	3039.726	1611.919	1595.900	1596.908	1594.892	R[13]
V	30	3138.784	1495.818	1439.799	1440.807	1438.791	V[12]
H	31	3275.853	1356.740	1340.721	1341.729	1339.723	H[11]
R	32	3431.954	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.123	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.395	R[7]
K	36	3932.319	681.300	665.282	666.290	664.274	K[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	496.204	480.185	481.193	479.177	N[4]
Y	39	4276.446	382.161	366.142	367.150	365.134	Y[3]
A	40	4347.483	219.098	203.079	204.087	202.071	A[2]
E	41	4476.526	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.52
- ▶ F113278.dat
- ▶ query=q70100.p1
- ▶ precursor=747.093040
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2230.147	S[41]
G	2	102.553	2174.737	2266.726	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2137.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	327.194	1975.618	1967.609	1968.112	1967.105	G[36]
G	7	385.704	1911.569	1903.579	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.088	1875.592	1874.585	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	607.347	1678.981	1669.981	1669.486	1668.478	A[30]
K	13	671.395	1643.433	1633.433	1633.927	1632.919	K[29]
A	14	706.913	1577.984	1569.975	1569.879	1568.871	A[28]
K	15	770.961	1541.966	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.802	1425.792	1426.797	1425.789	R[25]
S	18	938.613	1369.763	1348.243	1348.746	1347.739	S[24]
S	19	998.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.051	1147.041	1148.546	1147.537	G[20]
L	23	1178.161	1129.140	1119.140	1119.645	1118.637	L[19]
Q	24	1242.211	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1315.745	1008.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.508	876.499	877.003	875.995	V[15]
G	28	1442.316	834.974	826.965	827.469	826.461	G[14]
R	29	1528.858	808.483	798.454	798.958	797.950	R[13]
V	30	1569.901	728.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.461	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.299	524.289	524.793	523.785	L[9]
L	34	1829.568	478.756	469.747	469.251	468.243	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2050.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.727	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.016	102.520	101.512	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=52.52
- ▶ F113278.dat
- ▶ query=q70100.p1
- ▶ precursor=747.093040
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	s+1	s+2	z	AA	
S	1	48.607	1492.178	1487.835	0.872	3487.407	S[41]
G	2	66.704	1450.181	1444.521	0.672	1444.485	G[40]
R	3	130.718	1431.154	1425.814	1426.150	1425.478	R[39]
G	4	139.745	1379.120	1373.780	1374.116	1373.444	G[38]
K	5	182.443	1360.113	1354.773	1355.109	1354.437	K[37]
G	6	225.130	1317.444	1312.012	1312.411	1311.730	G[36]
G	7	244.137	1274.725	1269.389	1268.725	1269.055	G[35]
G	8	263.144	1235.721	1250.381	1250.717	1250.045	G[34]
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.521	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	381.555	1170.336	1164.987	1165.333	1164.661	R[31]
A	12	405.234	1138.303	1133.963	1133.289	1132.627	A[30]
R	13	447.932	1094.624	1089.284	1089.620	1088.942	R[29]
A	14	471.611	1051.925	1046.585	1046.922	1046.250	A[28]
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.320	985.548	980.208	980.544	979.873	S[26]
R	17	585.254	956.517	951.178	951.534	950.862	R[25]
S	18	624.365	904.504	899.165	899.501	898.829	S[24]
S	19	653.375	875.493	870.153	870.489	869.817	S[23]
R	20	705.409	846.482	841.143	841.479	840.807	R[22]
A	21	729.088	794.449	789.109	789.445	788.773	A[21]
G	22	748.095	770.770	765.430	765.766	765.094	G[20]
L	23	783.790	751.762	746.423	746.759	746.087	L[19]
Q	24	828.476	714.085	708.745	709.084	708.412	Q[18]
F	25	877.499	671.382	666.042	666.378	665.706	F[17]
F	26	909.850	622.359	617.019	617.355	616.683	F[16]
V	27	942.873	590.006	584.666	585.004	584.332	V[15]
G	28	961.880	556.985	551.645	551.981	551.309	G[14]
R	29	1013.814	519.918	514.578	514.914	514.242	R[13]
V	30	1046.936	485.944	480.604	480.941	480.269	V[12]
H	31	1092.623	452.921	447.581	447.918	447.246	H[11]
R	32	1144.656	407.235	401.895	402.231	401.560	R[10]
L	33	1182.351	355.201	349.862	350.198	349.526	L[9]
L	34	1230.666	319.509	314.169	314.505	313.833	L[8]
R	35	1272.019	278.812	273.472	273.808	273.136	R[7]
K	36	1314.778	227.778	222.438	222.775	222.103	K[6]
G	37	1331.785	185.880	179.740	180.076	179.404	G[5]
N	38	1371.799	146.873	140.733	141.069	140.397	N[4]
V	39	1426.154	128.098	122.719	123.055	122.383	V[3]
A	40	1469.813	83.304	78.384	78.720	78.048	A[2]
E	41	1492.847	50.025	44.635	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=52.52
- ▶ F113278.dat
- ▶ query=q70100.p1
- ▶ precursor=747.093040
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#=1	#=2	#	AA	
S	1	37.505	1120.133	1118.130	0.758	1115.371	S[41]
G	2	51.780	1087.872	1083.868	0.795	1083.166	G[40]
R	3	90.805	1073.617	1069.612	1069.804	1069.360	R[39]
G	4	109.001	1034.502	1030.507	1030.839	1030.335	G[38]
K	5	137.084	1020.336	1016.332	1016.584	1016.050	K[37]
G	6	169.059	998.312	994.308	994.560	984.056	G[36]
G	7	193.254	956.298	952.293	952.545	952.041	G[35]
G	8	197.610	942.043	938.038	938.290	937.756	G[34]
K	9	229.633	927.787	923.783	924.034	923.531	K[33]
A	10	247.393	895.763	891.759	892.011	891.507	A[32]
R	11	286.418	878.004	873.999	874.251	873.748	R[31]
A	12	304.177	838.978	834.974	835.226	834.722	A[30]
K	13	336.201	821.220	817.215	817.467	816.963	K[29]
A	14	353.960	789.199	785.195	785.443	784.939	A[28]
K	15	385.984	771.437	767.432	767.684	767.180	K[27]
S	16	407.742	739.413	735.408	735.660	735.156	S[26]
R	17	446.767	717.955	713.950	714.202	713.698	R[25]
S	18	468.526	678.930	674.925	675.177	674.673	S[24]
S	19	490.283	656.972	652.967	653.219	652.715	S[23]
R	20	529.309	635.114	631.109	631.361	630.857	R[22]
A	21	547.068	596.089	592.084	592.336	591.832	A[21]
G	22	561.323	578.329	574.324	574.576	574.072	G[20]
L	23	589.344	564.074	560.069	560.321	559.817	L[19]
Q	24	621.609	535.803	531.798	532.050	531.546	Q[18]
F	25	658.376	503.789	499.783	500.035	499.531	F[17]
F	26	662.639	467.021	463.016	463.268	462.764	F[16]
V	27	707.406	442.750	438.753	439.005	438.501	V[15]
G	28	721.662	417.991	413.986	414.238	413.734	G[14]
R	29	760.687	403.735	399.731	399.982	399.478	R[13]
V	30	785.454	364.710	360.705	360.957	360.453	V[12]
H	31	816.719	338.943	335.938	336.190	335.686	H[11]
R	32	858.744	305.678	301.673	301.925	301.421	R[10]
L	33	887.015	266.653	262.648	262.900	262.396	L[9]
L	34	915.286	238.362	234.357	234.609	234.105	L[8]
R	35	924.311	210.111	206.106	206.358	205.854	R[7]
K	36	966.335	171.086	167.081	167.333	166.829	K[6]
G	37	1000.590	139.062	135.057	135.309	134.805	G[5]
N	38	1029.101	124.806	120.802	121.054	120.550	N[4]
Y	39	1069.867	96.296	92.291	92.543	92.039	Y[3]
A	40	1087.626	58.530	54.525	54.777	54.273	A[2]
E	41	1119.887	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

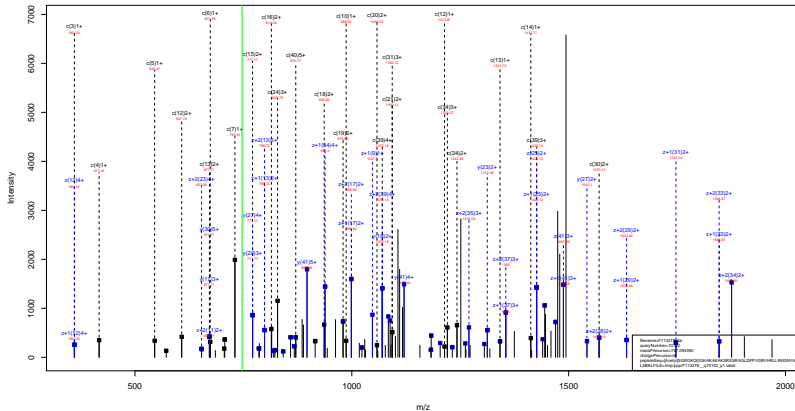
[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 5+
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- ▶ F113278.dat
- ▶ query=q70100_p1
- ▶ precursor=747.093040
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	896.308	893.104	0.806	892.903	S[41]
G[2]	41.625	870.499	867.298	0.806	867.094	G[40]
R[3]	72.846	859.095	855.891	856.093	855.690	R[39]
G[4]	84.250	827.875	824.671	824.873	824.469	G[38]
K[5]	109.869	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.481	790.952	787.648	787.849	787.446	Q[36]
G[7]	146.885	765.240	762.036	762.238	761.834	G[35]
G[8]	158.289	751.836	750.632	750.833	750.430	G[34]
K[9]	183.908	742.431	739.227	739.429	739.026	K[33]
A[10]	198.116	716.812	713.608	713.810	713.407	A[32]
R[11]	229.336	702.605	699.401	699.603	699.199	R[31]
A[12]	243.543	671.385	668.181	668.382	667.979	A[30]
K[13]	269.162	657.177	653.973	654.175	653.772	K[29]
A[14]	283.370	631.558	628.354	628.556	628.153	A[28]
K[15]	308.989	617.351	614.147	614.349	613.945	K[27]
S[16]	326.395	591.732	588.528	588.730	588.326	S[26]
R[17]	357.615	574.325	571.122	571.323	570.920	R[25]
S[18]	375.022	548.105	539.901	540.103	539.700	S[24]
S[19]	392.428	525.689	522.485	522.687	522.283	S[23]
R[20]	423.648	508.282	505.079	505.280	504.877	R[22]
A[21]	437.856	477.072	473.868	474.070	473.667	A[21]
G[22]	449.260	462.865	459.661	459.862	459.459	G[20]
L[23]	471.877	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.489	428.844	425.640	425.841	425.438	Q[18]
F[25]	528.902	403.232	400.028	400.230	399.827	F[17]
P[26]	546.313	373.816	370.614	370.816	370.413	P[16]
V[27]	565.126	354.408	351.204	351.405	351.002	V[15]
G[28]	577.531	334.994	331.790	331.992	331.589	G[14]
R[29]	608.751	323.190	319.986	320.187	319.784	R[13]
V[30]	628.565	291.969	288.766	288.967	288.564	V[12]
H[31]	658.976	272.156	268.952	269.154	268.750	H[11]
R[32]	687.197	244.744	241.540	241.742	241.339	R[10]
L[33]	709.814	213.524	210.320	210.522	210.118	L[9]
L[34]	732.430	190.907	187.703	187.905	187.502	L[8]
R[35]	763.651	168.290	165.086	165.288	164.885	R[7]
R[36]	789.270	137.070	133.866	134.068	133.665	R[6]
G[37]	830.074	111.451	108.247	108.449	108.046	G[5]
N[38]	823.482	100.047	96.843	97.044	96.641	N[4]
V[39]	856.095	77.238	74.034	74.236	73.833	V[3]
A[40]	870.303	44.625	41.422	41.623	41.220	A[2]
E[41]	896.111	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.92
- ▶ F113278.dat
- ▶ query=q70102.p1
- ▶ precursor=747.094390
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.676	4477.515	4481.491	0.000	4460.481	S[41]
G	2	304.098	4348.467	4332.440	0.000	4331.441	G[40]
R	3	360.199	4291.446	4275.427	4276.435	4274.419	R[39]
G	4	417.270	4135.345	4119.326	4120.334	4118.319	G[38]
K	5	545.315	4078.323	4062.305	4063.313	4061.291	K[37]
Q	6	673.174	3950.226	3934.210	3935.218	3933.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3650.032	3634.013	3635.021	3633.005	A[32]
R	11	1147.650	3598.995	3492.975	3493.984	3491.968	R[31]
A	12	1213.687	3352.984	3336.975	3337.983	3335.967	A[30]
R	13	1341.782	3281.957	3265.938	3266.946	3264.930	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2887.598	2871.579	2872.587	2870.571	R[25]
S	18	1871.079	2711.496	2695.477	2696.486	2694.470	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.268	G[20]
L	23	2355.355	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2022.130	1996.111	1997.119	1995.104	F[17]
P	26	2727.538	1895.062	1849.043	1850.051	1848.035	P[16]
V	27	2826.603	1768.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1698.940	1652.922	1653.930	1651.914	G[14]
R	29	3039.726	1611.919	1595.900	1596.908	1594.892	R[13]
V	30	3138.764	1495.818	1439.799	1440.807	1438.791	V[12]
H	31	3275.853	1356.740	1340.721	1341.739	1339.723	H[11]
R	32	3431.954	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.123	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.395	R[7]
K	36	3932.319	683.300	667.282	668.290	666.274	K[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	496.204	480.185	481.193	479.177	N[4]
Y	39	4276.446	382.161	366.142	367.150	365.134	Y[3]
A	40	4347.483	219.098	203.079	204.087	202.071	A[2]
E	41	4476.526	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.92
- ▶ F113278.dat
- ▶ query=q70102.p1
- ▶ precursor=747.094390
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2239.147	S[41]
G	2	102.553	2174.737	2266.726	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2117.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
Q	6	327.194	1975.616	1967.606	1968.112	1967.105	Q[36]
G	7	365.703	1911.569	1903.579	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.088	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	607.347	1668.963	1660.953	1661.456	1660.449	A[30]
R	13	671.395	1643.433	1633.423	1633.927	1632.919	R[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.353	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	857.527	1404.362	1426.293	1426.797	1425.789	R[25]
S	18	936.043	1356.263	1348.253	1348.756	1347.750	S[24]
S	19	979.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1178.183	1119.140	1119.133	1119.636	1118.629	L[19]
Q	24	1242.211	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1315.745	1008.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.506	876.496	877.000	875.993	V[15]
G	28	1462.316	834.974	826.964	827.468	826.461	G[14]
R	29	1520.369	806.483	798.454	798.958	797.950	R[13]
V	30	1569.901	729.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.461	610.349	602.340	602.843	601.836	R[10]
L	33	1773.023	532.299	524.289	524.793	523.785	L[9]
L	34	1829.968	478.756	469.747	469.251	468.243	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.727	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.043	102.547	101.539	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.92
- ▶ F113278.dat
- ▶ query=q70102.p1
- ▶ precursor=747.094390
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1493.175	1487.835	0.672	1487.499	G 41
G 2	68.704	1450.161	1444.821	0.672	1444.485	G 40
R 3	130.738	1431.154	1425.814	1426.150	1425.478	R 39
G 4	139.745	1379.120	1373.780	1374.116	1373.444	G 38
K 5	182.443	1360.113	1354.773	1355.109	1354.437	K 37
Q 6	235.330	1317.014	1312.075	1312.411	1311.795	Q 36
G 7	244.137	1274.925	1268.885	1269.725	1269.055	G 35
G 8	263.144	1255.721	1250.381	1250.717	1250.045	G 34
K 9	305.842	1236.714	1231.374	1231.710	1231.038	K 33
A 10	329.521	1194.016	1188.676	1189.012	1188.340	A 32
R 11	381.555	1170.136	1164.997	1165.333	1164.661	R 31
A 12	409.234	1118.303	1112.963	1113.299	1112.623	A 30
R 13	447.932	1094.024	1089.254	1089.620	1088.944	R 29
A 14	471.611	1051.925	1046.585	1046.922	1046.250	A 28
K 15	514.310	1028.246	1022.907	1023.243	1022.571	K 27
S 16	543.320	985.548	980.208	980.544	979.873	S 26
R 17	595.254	956.537	951.198	951.534	950.862	R 25
S 18	624.305	904.504	899.164	899.500	898.825	S 24
S 19	653.375	875.493	870.153	870.489	869.817	S 23
R 20	705.409	846.483	841.143	841.479	840.807	R 22
A 21	729.088	794.449	789.109	789.445	788.773	A 21
G 22	788.095	770.770	765.430	765.766	765.094	G 20
L 23	785.790	731.762	746.423	746.759	746.087	L 19
Q 24	828.476	714.058	708.720	709.054	708.382	Q 19
F 25	877.499	671.382	666.042	666.378	665.706	F 17
F 26	909.850	622.359	617.019	617.355	616.683	F 16
V 27	942.873	590.028	584.688	585.024	584.352	V 15
G 28	961.880	556.985	551.645	551.981	551.309	G 14
R 29	1013.014	437.878	432.538	432.874	432.202	R 13
R 30	1266.938	488.944	483.604	483.941	483.269	R 12
H 31	1092.623	452.921	447.582	447.918	447.246	H 11
R 32	1144.656	407.735	402.395	402.731	402.059	R 10
L 33	1182.351	355.201	349.862	350.198	349.526	L 9
L 34	1220.646	317.507	312.167	312.503	311.831	L 8
R 35	1272.079	279.812	274.472	274.808	274.136	R 7
R 36	1314.778	227.778	222.438	222.775	222.103	R 6
G 37	1333.785	185.080	179.740	180.076	179.404	G 5
N 38	1371.799	166.073	160.733	161.069	160.397	N 4
V 39	1426.154	128.058	122.719	123.055	122.383	V 3
A 40	1449.831	73.704	68.364	68.700	68.026	A 2
E 41	1492.287	30.025	44.685	45.021	44.347	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=46.92
- ▶ F113278.dat
- ▶ query=q70102.p1
- ▶ precursor=747.094390
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1120.133	1116.130	0.755	1115.870	S 41
G 2	51.700	1087.072	1083.868	0.755	1083.616	G 40
R 3	90.805	1073.617	1069.812	1069.864	1069.360	R 39
G 4	105.061	1034.592	1030.587	1030.839	1030.335	G 38
K 5	137.084	1020.336	1015.332	1016.584	1016.080	K 37
Q 6	189.009	989.313	988.308	984.500	984.000	Q 36
G 7	383.354	956.290	952.293	952.545	952.042	G 35
G 8	197.810	942.943	938.038	938.290	937.788	G 34
K 9	229.633	927.767	923.763	924.034	923.531	K 33
A 10	247.393	895.763	891.759	892.011	891.507	A 32
R 11	286.418	878.004	873.999	874.251	873.746	R 31
A 12	394.177	838.973	834.974	835.226	834.722	A 30
R 13	336.201	821.220	817.215	817.467	816.963	R 29
A 14	353.960	799.196	795.191	785.443	784.939	A 28
K 15	385.984	771.437	767.432	767.684	767.180	K 27
S 16	407.742	739.413	735.408	735.660	735.156	S 26
R 17	446.767	747.665	743.650	743.902	743.398	R 25
S 18	468.528	678.939	674.935	674.887	674.393	S 24
S 19	490.283	656.872	652.867	653.119	652.615	S 23
R 20	529.309	635.114	631.109	631.361	630.857	R 22
A 21	547.668	596.088	592.084	592.336	591.832	A 21
G 22	561.323	578.329	574.324	574.576	574.072	G 20
L 23	589.304	564.074	560.069	560.321	559.817	L 19
Q 24	621.809	535.803	531.798	532.050	531.546	Q 19
F 25	658.376	503.788	499.783	500.035	499.531	F 17
P 26	682.639	467.021	463.016	463.268	462.764	P 16
V 27	707.406	442.758	438.753	439.005	438.501	V 15
G 28	721.662	417.991	413.986	414.238	413.734	G 14
R 29	807.082	403.735	399.731	399.983	399.479	R 13
V 30	785.454	384.710	360.705	360.957	360.453	V 12
H 31	819.719	339.943	335.938	336.190	335.686	H 11
R 32	858.744	305.678	301.673	301.925	301.421	R 10
L 33	887.015	266.653	262.648	262.900	262.396	L 9
L 34	915.286	238.382	234.377	234.629	234.125	L 8
R 35	954.311	210.111	206.106	206.358	205.854	R 7
K 36	986.335	171.085	167.081	167.333	166.829	K 6
G 37	1000.590	139.062	135.057	135.309	134.805	G 5
N 38	1029.101	124.806	120.802	121.054	120.550	N 4
V 39	1069.867	96.290	92.291	92.543	92.039	V 3
A 40	1087.626	55.530	51.525	51.777	51.273	A 2
E 41	1119.387	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

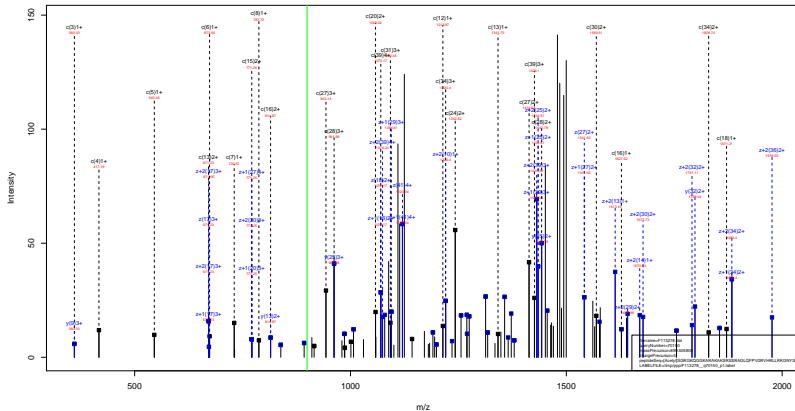
[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=46.92
- ▶ F113278.dat
- ▶ query=q70102.p1
- ▶ precursor=747.094390
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	80.221	896.308	893.104	0.806	892.903	S[41]
G[2]	41.625	870.499	867.296	0.806	867.094	G[40]
R[3]	72.846	859.095	855.891	856.093	855.690	R[39]
G[4]	84.290	827.875	824.671	824.873	824.469	G[38]
K[5]	109.859	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.481	790.852	787.648	787.849	787.446	Q[36]
G[7]	146.885	765.240	762.036	762.238	761.834	G[35]
G[8]	158.289	753.836	750.632	750.833	750.430	G[34]
K[9]	183.908	742.431	739.227	739.429	739.026	K[33]
A[10]	198.116	716.812	713.608	713.810	713.407	A[32]
R[11]	229.336	702.605	699.401	699.603	699.199	R[31]
A[12]	243.543	671.385	668.181	668.382	667.979	A[30]
K[13]	269.162	657.177	653.973	654.175	653.772	K[29]
A[14]	283.370	631.558	628.354	628.556	628.153	A[28]
K[15]	308.989	617.351	614.147	614.349	613.945	K[27]
S[16]	326.395	591.732	588.528	588.730	588.326	S[26]
R[17]	357.615	574.325	571.122	571.323	570.920	R[25]
S[18]	375.022	543.105	539.901	540.103	539.700	S[24]
S[19]	392.428	528.889	522.498	522.697	522.393	S[23]
R[20]	423.648	508.292	505.089	505.290	504.887	R[22]
A[21]	437.856	477.072	473.868	474.070	473.667	A[21]
G[22]	449.260	462.865	459.661	459.862	459.459	G[20]
L[23]	471.877	451.460	448.256	448.458	448.055	L[19]
Q[24]	497.489	428.844	425.640	425.841	425.438	Q[18]
F[25]	526.902	403.232	400.028	400.230	399.827	F[17]
P[26]	546.313	373.818	370.614	370.816	370.413	P[16]
V[27]	566.126	354.408	351.204	351.405	351.002	V[15]
V[28]	577.531	334.595	331.390	331.592	331.189	V[14]
K[29]	608.751	323.190	319.985	320.187	319.784	K[13]
V[30]	628.565	291.965	288.760	288.962	288.564	V[12]
H[31]	655.976	272.155	268.952	269.154	268.750	H[11]
R[32]	687.197	244.744	241.540	241.742	241.339	R[10]
L[33]	709.814	213.524	210.320	210.522	210.118	L[9]
L[34]	732.430	190.907	187.703	187.905	187.502	L[8]
R[35]	763.651	168.290	165.086	165.288	164.885	R[7]
K[36]	789.270	137.070	133.866	134.068	133.665	K[6]
G[37]	800.674	111.451	108.247	108.449	108.046	G[5]
W[38]	823.882	100.047	96.843	97.044	96.641	W[4]
L[39]	856.098	77.234	74.034	74.236	73.833	L[3]
A[40]	870.303	44.625	41.422	41.623	41.220	A[2]
E[41]	896.111	30.418	27.214	27.416	27.013	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE



sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.46
- ▶ F113278.dat
- ▶ query=q70150.p1
- ▶ precursor=899.505800
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4463.595	4477.486	0.000	4476.479	S 41
G 2	204.098	4384.462	4348.444	0.000	4347.436	G 40
R 3	360.199	4307.441	4291.422	4392.430	4290.414	R 39
G 4	417.220	4151.340	4135.321	4136.329	4134.313	G 38
K 5	545.315	4094.318	4078.300	4079.307	4077.292	K 37
Q 6	673.374	3999.272	3993.255	3953.272	3949.257	Q 36
G 7	730.395	3838.195	3822.148	3823.154	3821.135	G 35
G 8	787.417	3781.143	3765.125	3766.132	3764.111	G 34
K 9	915.512	3724.122	3708.103	3709.111	3707.095	K 33
A 10	986.549	3596.027	3580.008	3581.016	3579.000	A 32
R 11	1142.650	3524.990	3508.971	3509.979	3507.963	R 31
A 12	1213.687	3388.989	3382.970	3383.978	3381.962	A 30
R 13	1341.782	3297.952	3281.933	3282.941	3280.925	R 29
A 14	1412.819	3169.757	3153.738	3154.746	3152.730	A 28
K 15	1540.914	3098.719	3082.701	3083.709	3081.693	K 27
S 16	1627.946	2976.625	2954.606	2955.614	2953.598	S 26
R 17	1764.997	2883.562	2867.574	2868.582	2866.566	R 25
S 18	1871.079	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1958.111	2640.459	2624.441	2625.448	2623.433	S 23
R 20	2114.213	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2185.250	2397.326	2381.307	2382.315	2380.300	A 21
G 22	2242.271	2336.289	2310.270	2311.278	2309.263	G 20
L 23	2355.308	2299.268	2283.249	2284.257	2282.241	L 19
Q 24	2483.414	2156.184	2140.165	2141.173	2139.157	Q 19
F 25	2630.482	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2727.535	1881.057	1865.038	1866.046	1864.030	P 16
V 27	2826.603	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2883.625	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3030.726	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3138.784		1455.794	1456.802	1454.786	V 12
H 31	3275.853	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3431.954	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3545.038	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3658.121	966.500	950.482	951.489	949.474	L 8
T 35	3814.224	853.418	837.399	838.405	836.390	T 7
K 36	3942.319	697.315	681.296	682.304	680.289	K 6
G 37	3999.340	549.220	533.201	534.209	532.194	G 5
N 38	4113.383	512.109	496.180	497.188	495.172	N 4
V 39	4276.446	398.159	382.137	383.145	381.129	V 3
S 40	4363.478	235.062	219.074	220.082	218.066	S 2
E 41	4492.521	148.060	132.042	133.050	131.034	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.46
- ▶ F113278.dat
- ▶ query=q70150.p1
- ▶ precursor=899.505800
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2247.256	2229.257	0.804	2238.747	S(1)
G	2	102.553	2182.735	2174.726	0.504	2174.222	G(2)
R	3	180.603	2154.224	2146.215	2146.719	2145.711	R(3)
G	4	209.114	2076.174	2068.164	2068.666	2067.660	G(4)
K	5	273.161	2047.663	2039.653	2040.157	2039.150	K(5)
G	6	327.194	1988.615	1975.606	1976.110	1975.102	G(6)
G	7	385.704	1919.566	1911.557		1911.077	G(7)
G	8	394.212	1891.075	1883.066	1883.570	1882.562	G(8)
K	9	458.260	1862.565	1854.555	1855.059	1854.051	K(9)
A	10	493.778	1798.517	1790.508	1791.012	1790.004	A(10)
R	11	571.820	1762.999	1754.989	1755.493	1754.485	R(11)
A	12	607.939	1684.944	1676.935	1677.439	1676.931	A(12)
R	13	671.395	1649.420	1641.410	1641.924	1640.916	R(13)
A	14	706.913	1585.363	1577.353	1577.876	1576.869	A(14)
K	15	770.961	1549.861	1541.854	1542.358	1541.350	K(15)
S	16	814.477	1485.816	1477.807	1478.310	1477.303	S(16)
R	17	892.527	1442.300	1434.291	1434.794	1433.786	R(17)
S	18	928.613	1384.246	1376.237	1376.744	1375.736	S(18)
S	19	976.559	1320.733	1312.724	1313.228	1312.220	S(19)
R	20	1057.610	1277.217	1269.208	1269.712	1268.704	R(20)
A	21	1093.128	1199.167	1191.157	1191.661	1190.653	A(21)
Q	22	1121.639	1103.648	1105.639	1106.143	1105.135	Q(22)
L	23	1179.383	1038.137	1030.128	1030.632	1029.624	L(23)
Q	24	1242.211	1078.595	1070.586	1071.090	1070.082	Q(24)
F	25	1315.745	1014.506	1006.557	1007.061	1006.053	F(25)
F	26	1364.271	941.033	933.023	933.526	932.519	F(26)
V	27	1413.805	892.506	884.496	885.000	883.992	V(27)
G	28	1442.316	842.977	834.967	835.469	834.461	G(28)
R	29	1528.859	814.461	806.451	806.955	805.947	R(29)
V	30	1569.901	736.410	728.401	728.905	727.897	V(30)
H	31	1638.430	688.876	678.866	679.370	678.363	H(31)
R	32	1716.481	618.346	610.337	610.841	609.833	R(32)
L	33	1773.023	540.206	532.196	532.700	531.693	L(33)
L	34	1829.565	483.754	473.743	474.246	473.239	L(34)
R	35	1907.615	427.212	419.202	419.706	418.699	R(35)
K	36	1971.663	349.161	341.152	341.656	340.648	K(36)
G	37	2000.174	285.114	277.104	277.608	276.600	G(37)
N	38	2057.195	256.603	248.594	249.098	248.090	N(38)
V	39	2138.227	199.562	191.552	192.056	191.048	V(39)
S	40	2182.243	118.056	110.047	110.551	109.543	S(40)
E	41	2246.764	74.534	66.524	67.028	66.021	E(41)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=60.46
- ▶ F113278.dat
- ▶ query=q70150.p1
- ▶ precursor=899.505800
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1398.361	1483.187	8.872	1482.831	S(41)
G	2	86.704	1455.492	1450.153	0.672	1449.817	G(40)
R	3	1307.718	1430.485	1431.140	1431.482	1430.810	R(39)
G	4	139.745	1384.451	1379.112	1379.448	1378.776	G(38)
K	5	182.443	1365.444	1360.105	1360.441	1359.769	K(37)
G	6	225.130	1322.746	1317.406	1317.742	1317.070	G(36)
G	7	244.137	1300.060	1274.729	1275.056	1274.384	G(35)
G	8	263.144	1281.051	1255.713	1256.049	1255.377	G(34)
K	9	305.642	1242.045	1236.706	1237.042	1236.370	K(33)
A	10	329.521	1199.347	1194.008	1194.344	1193.672	A(32)
R	11	381.555	1175.688	1170.329	1170.664	1169.993	R(31)
A	12	405.234	1123.834	1118.399	1118.735	1118.063	A(30)
R	13	447.932	1090.955	1094.616	1094.952	1094.280	R(29)
A	14	491.611	1057.257	1051.917	1052.253	1051.581	A(28)
K	15	514.310	1033.578	1028.238	1028.574	1027.902	K(27)
S	16	543.320	990.880	985.540	985.876	985.204	S(26)
R	17	595.254	961.069	956.529	956.865	956.193	R(25)
S	18	624.365	959.939	954.498	954.834	954.162	S(24)
S	19	653.375	980.825	875.485	875.821	875.149	S(23)
R	20	705.409	851.614	846.474	846.810	846.138	R(22)
A	21	729.088	799.789	794.441	794.777	794.105	A(21)
G	22	748.095	778.101	770.762	771.098	770.426	G(20)
L	23	785.794	759.094	753.754	754.090	753.418	L(19)
Q	24	828.412	739.305	734.000	734.336	733.621	Q(18)
F	25	897.409	676.713	671.374	671.710	671.038	F(17)
F	26	909.850	627.600	622.351	622.687	622.015	F(16)
V	27	942.873	595.139	590.000	590.336	589.664	V(15)
G	28	961.860	562.317	556.977	557.313	556.641	G(14)
R	29	1013.914	543.309	537.910	538.308	537.636	R(13)
V	30	1046.936	491.275	485.938	486.272	485.600	V(12)
H	31	1092.623	458.253	452.913	453.249	452.577	H(11)
R	32	1144.656	412.567	407.227	407.563	406.891	R(10)
L	33	1182.251	360.533	355.193	355.529	354.857	L(9)
L	34	1220.046	322.874	317.489	317.825	317.153	L(8)
R	35	1222.222	285.144	279.804	280.140	279.468	R(7)
K	36	1314.778	233.110	227.770	228.106	227.434	K(6)
G	37	1333.785	190.412	185.072	185.408	184.736	G(5)
N	38	1371.799	171.404	166.065	166.401	165.729	N(4)
V	39	1426.154	133.390	128.051	128.386	127.715	V(3)
S	40	1453.164	99.136	93.796	94.132	93.460	S(2)
E	41	1498.178	50.025	44.685	45.021	44.349	E(1)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=60.46
- ▶ F113278.dat
- ▶ query=q70150.p1
- ▶ precursor=899.505800
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	57.525	1124.132	1126.127	0.755	1119.875	G 41
G 2	51.780	1091.071	1097.866	0.755	1087.614	G 40
R 3	90.805	1077.616	1073.611	1073.863	1073.359	R 39
G 4	105.061	1038.590	1034.586	1034.838	1034.334	G 38
K 5	137.084	1024.135	1020.130	1020.562	1020.076	K 37
Q 6	169.009	992.311	988.307	988.359	988.057	Q 36
G 7	203.354	950.297	950.250	950.544	950.040	G 35
G 8	197.810	946.041	942.037	942.289	941.785	G 34
K 9	229.633	931.786	927.781	928.033	927.529	K 33
A 10	247.393	899.762	895.757	896.009	895.506	A 32
R 11	286.418	862.003	857.998	858.250	857.746	R 31
A 12	304.177	832.978	836.973	839.275	838.721	A 30
R 13	336.201	825.219	821.214	821.466	820.962	R 29
A 14	353.960	793.195	789.190	789.442	788.938	A 28
K 15	389.984	775.435	771.431	771.683	771.179	K 27
S 16	407.742	743.412	739.407	739.659	739.155	S 26
R 17	446.767	721.694	717.689	717.941	717.437	R 25
S 18	488.526	682.828	678.824	679.076	678.572	S 24
S 19	490.283	660.870	656.866	657.118	656.614	S 23
R 20	529.309	639.112	635.108	635.360	634.856	R 22
A 21	547.068	600.087	596.082	596.334	595.830	A 21
G 22	561.323	582.126	578.121	578.373	577.870	G 20
L 23	589.334	566.072	562.068	562.320	561.816	L 19
Q 24	621.609	539.803	535.797	536.049	535.545	Q 19
F 25	658.176	507.787	503.782	504.034	503.530	F 17
P 26	682.639	471.020	467.015	467.267	466.763	P 16
V 27	707.406	446.756	442.752	443.004	442.500	V 15
G 28	721.662	421.989	417.985	418.237	417.733	G 14
R 29	760.687	407.734	403.729	403.981	403.477	R 13
V 30	785.454	368.709	364.704	364.956	364.452	V 12
H 31	819.719	343.942	339.937	340.189	339.685	H 11
R 32	858.744	309.677	305.672	305.924	305.420	R 10
L 33	887.015	270.652	266.647	266.899	266.395	L 9
L 34	915.286	242.381	238.376	238.628	238.124	L 8
R 35	924.310	214.130	210.125	210.377	209.873	R 7
R 36	986.335	175.084	171.080	171.332	170.828	R 6
G 37	1000.590	143.061	139.056	139.308	138.804	G 5
N 38	1029.101	128.805	124.800	125.052	124.548	N 4
V 39	1069.867	100.294	96.290	96.542	96.038	V 3
S 40	1091.625	59.529	55.524	55.776	55.272	S 2
E 41	1123.888	37.711	33.706	34.018	33.514	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.74
- ▶ F113278.dat
- ▶ query=q70152.p1
- ▶ precursor=899.506950
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#±1	#±2	z	AA	
S	1	147.076	4392.569	4477.486	4.808	4476.411	S(1)
G	2	204.098	4364.462	4348.444	0.000	4347.430	G(2)
R	3	360.199	4307.441	4291.422	4202.430	4200.414	R(3)
G	4	417.220	4151.346	4135.321	4136.329	4134.311	G(4)
K	5	545.315	4094.318	4078.300	4079.307	4077.292	K(5)
G	6	673.374	3996.222	3990.205	3951.212	3949.191	G(6)
G	7	730.395	3938.105	3922.149	3923.154	3921.138	G(7)
G	8	797.417	3781.143	3765.126	3766.132	3764.111	G(8)
K	9	915.512	3724.122	3708.103	3709.111	3707.095	K(9)
A	10	960.549	3596.027	3580.008	3581.016	3579.000	A(10)
R	11	1142.650	3524.990	3508.971	3509.979	3507.961	R(11)
A	12	1213.687	3398.989	3382.970	3383.978	3381.960	A(12)
R	13	1341.782	3297.852	3281.833	3282.841	3280.825	R(13)
A	14	1412.819	3169.757	3153.738	3154.746	3152.730	A(14)
K	15	1540.914	3098.719	3082.701	3083.709	3081.693	K(15)
S	16	1627.946	2970.625	2954.606	2955.614	2953.598	S(16)
R	17	1784.047	2883.592	2867.574	2868.582	2866.566	R(17)
S	18	1871.078	2727.491	2711.473	2712.480	2710.465	S(18)
S	19	1958.111	2640.458	2624.441	2625.448	2623.433	S(19)
R	20	2114.213	2553.427	2537.409	2538.416	2536.401	R(20)
A	21	2185.250	2397.326	2381.307	2382.315	2380.300	A(21)
G	22	2242.271	2326.289	2310.270	2311.278	2309.263	G(22)
L	23	2305.303	2269.248	2253.249	2254.257	2252.241	L(23)
G	24	2463.414	2158.184	2142.165	2143.173	2141.157	G(24)
F	25	2630.482	2028.125	2012.106	2013.114	2011.100	F(25)
F	26	2747.535	1881.051	1865.033	1866.040	1864.030	F(26)
V	27	2826.603	1784.004	1767.985	1768.993	1766.977	V(27)
G	28	2883.625	1684.935	1668.917	1669.924	1667.909	G(28)
R	29	3029.726	1527.814	1511.805	1512.813	1510.800	R(29)
V	30	3138.794	1471.813	1455.794	1456.802	1454.786	V(30)
H	31	3275.853	1372.744	1356.726	1357.734	1355.718	H(31)
R	32	3431.954	1235.685	1219.667	1220.675	1218.659	R(32)
L	33	3545.038	1079.584	1063.566	1064.573	1062.558	L(33)
L	34	3688.121	966.509	950.492	951.498	949.479	L(34)
R	35	3814.224	853.416	837.398	838.405	836.390	R(35)
K	36	3942.319	697.315	681.296	682.304	680.289	K(36)
G	37	3999.340	569.220	553.201	554.209	552.194	G(37)
N	38	4113.383	512.199	496.180	497.188	495.172	N(38)
V	39	4278.446	398.156	382.137	383.145	381.129	V(39)
S	40	4353.476	278.104	262.084	263.092	261.076	S(40)
E	41	4492.521	148.060	132.042	133.050	131.034	E(41)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.74
- ▶ F113278.dat
- ▶ query=q70152.p1
- ▶ precursor=899.506950
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2247.256	2229.267	0.804	2238.747	S[41]
G	2	102.553	2182.735	2174.726	0.504	2174.222	G[40]
R	3	180.603	2154.224	2146.215	2146.719	2145.711	R[39]
G	4	209.114	2076.174	2068.164	2068.666	2067.660	G[38]
K	5	273.161	2047.663	2039.653	2040.157	2039.150	K[37]
G	6	337.194	1983.615	1975.606	1976.110	1975.103	G[36]
G	7	365.704	1919.566	1911.577		1911.073	G[35]
G	8	394.212	1891.075	1883.066	1883.570	1882.562	G[34]
K	9	458.260	1862.565	1854.555	1855.059	1854.051	K[33]
A	10	493.778	1798.517	1790.508	1791.012	1790.004	A[32]
R	11	571.820	1762.999	1754.989	1755.493	1754.485	R[31]
A	12	609.939	1688.944	1676.939	1677.443	1676.435	A[30]
R	13	671.395	1649.420	1641.410	1641.924	1640.915	R[29]
A	14	706.913	1585.363	1577.353	1577.876	1576.868	A[28]
K	15	770.961	1549.861	1541.854	1542.358	1541.350	K[27]
S	16	814.477	1485.816	1477.807	1478.310	1477.303	S[26]
R	17	892.527	1442.300	1434.291	1434.794	1433.787	R[25]
S	18	936.043	1384.249	1376.240	1376.744	1375.736	S[24]
S	19	979.559	1320.733	1312.724	1313.228	1312.220	S[23]
R	20	1057.610	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1093.128	1219.161	1211.157	1211.661	1210.653	A[21]
G	22	1121.639	1163.648	1155.639	1156.143	1155.135	G[20]
L	23	1179.383	1116.137	1107.128	1107.632	1106.624	L[19]
G	24	1242.211	1078.595	1070.588	1071.090	1070.082	G[18]
F	25	1315.745	1014.560	1006.557	1007.061	1006.053	F[17]
F	26	1364.271	941.033	933.023	933.526	932.519	F[16]
V	27	1413.805	892.506	884.496	885.000	883.992	V[15]
G	28	1442.316	834.452	826.442	826.946	825.938	G[14]
R	29	1500.959	814.461	806.451	806.955	805.947	R[13]
V	30	1569.501	736.410	728.401	728.905	727.897	V[12]
H	31	1638.430	668.876	678.866	679.370	678.363	H[11]
R	32	1716.481	618.346	610.337	610.841	609.833	R[10]
L	33	1773.023	540.296	532.286	532.790	531.783	L[9]
L	34	1829.968	469.754	479.743	479.246	478.240	L[8]
R	35	1907.515	427.212	419.202	419.706	418.699	R[7]
K	36	1971.663	349.161	341.152	341.656	340.648	K[6]
G	37	2000.174	285.114	277.104	277.608	276.600	G[5]
N	38	2057.195	256.603	248.594	249.098	248.090	N[4]
V	39	2138.227	199.562	191.572	192.076	191.068	V[3]
S	40	2192.243	118.056	110.047	110.549	109.541	S[2]
E	41	2246.764	74.534	66.524	67.028	66.021	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.74
- ▶ F113278.dat
- ▶ query=q70152.p1
- ▶ precursor=899.506950
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	#s	AA
S1	48.697	1308.391	1493.167	0.872	1492.831	S41
G2	86.704	1455.492	1450.153	0.672	1449.817	G49
R3	130.718	1436.485	1431.146	1431.482	1430.810	R30
G4	139.745	1384.451	1379.112	1379.448	1378.770	G38
K5	182.443	1305.444	1300.195	1300.441	1309.700	K37
G6	225.130	1322.746	1317.406	1317.742	1311.600	G36
G7	244.137	1380.060	1274.720	1275.056	1274.381	G35
G8	263.144	1261.051	1255.713	1256.049	1255.377	G34
K9	305.642	1242.045	1236.700	1237.042	1236.370	K33
A10	329.521	1199.347	1194.008	1194.344	1193.672	A32
R11	381.555	1175.668	1170.329	1170.664	1169.993	R31
A12	405.234	1123.834	1118.295	1118.631	1117.960	A30
K13	447.932	1090.955	1084.613	1094.952	1094.281	K29
A14	491.611	1057.257	1051.917	1052.253	1051.582	A28
K15	514.310	1033.578	1028.238	1028.574	1027.902	K27
S16	543.320	990.880	985.540	985.876	985.204	S26
R17	595.254	961.869	956.529	956.865	956.193	R25
S18	624.265	959.335	954.485	954.832	954.160	S24
S19	653.275	980.825	875.485	875.821	875.149	S23
R20	705.409	851.614	846.474	846.810	846.138	R22
A21	729.088	799.780	794.441	794.777	794.105	A21
G22	748.095	776.101	770.762	771.098	770.426	G28
L23	785.794	759.094	753.754	754.090	753.418	L19
G24	828.476	719.305	714.000	714.306	713.721	G19
F25	897.409	676.713	671.374	671.710	671.038	F17
F26	909.850	627.600	622.351	622.687	622.015	F16
V27	942.873	595.139	590.000	590.336	589.664	V15
G28	961.880	562.317	556.977	557.313	556.641	G14
R29	1013.614	443.309	437.970	438.306	437.634	R13
V30	1046.936	401.275	405.936	406.272	405.600	V12
H31	1092.623	458.253	452.913	453.249	452.577	H11
R32	1144.656	412.967	407.227	407.563	406.891	R10
L33	1182.351	360.533	355.193	355.529	354.857	L09
L34	1220.046	322.874	317.489	317.825	317.153	L08
R35	1222.222	285.144	279.804	280.140	279.468	R17
K36	1314.778	233.110	227.770	228.106	227.434	K06
G37	1333.785	190.412	185.072	185.408	184.736	G05
N38	1371.799	171.404	166.065	166.401	165.729	N04
V39	1436.154	133.290	128.051	128.386	127.715	V03
S40	1455.164	99.136	93.796	94.132	93.460	S01
E41	1498.178	50.025	44.685	45.021	44.349	E11

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.74
- ▶ F113278.dat
- ▶ query=q70152.p1
- ▶ precursor=899.506950
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	17.526	1124.132	1120.137	0.755	1119.875	S 41
G 2	51.780	1091.871	1087.886	0.755	1087.614	G 40
R 3	90.805	1077.610	1071.611	1073.863	1073.359	R 36
G 4	105.061	1038.590	1034.588	1034.838	1034.334	G 38
K 5	137.084	1024.330	1020.330	1020.362	1020.078	K 37
Q 6	169.099	992.311	988.307	988.559	988.055	Q 29
G 7	183.394	960.297	956.292	956.544	956.040	G 35
G 8	197.610	946.041	942.037	942.289	941.785	G 34
K 9	229.633	931.786	927.781	928.033	927.529	K 33
A 10	247.393	899.752	895.757	896.009	895.505	A 32
R 11	286.418	882.003	877.998	878.250	877.746	R 31
A 12	304.177	843.979	838.973	839.225	838.721	A 26
K 13	338.201	825.218	821.214	821.466	820.962	K 29
A 14	353.960	793.195	789.190	789.442	788.938	A 28
K 15	385.984	775.435	771.431	771.683	771.179	K 27
S 16	407.742	743.412	739.407	739.659	739.155	S 26
R 17	446.767	721.854	717.849	717.901	717.397	R 25
S 18	468.525	692.628	688.624	678.876	678.372	S 24
S 19	490.283	660.870	656.866	657.118	656.614	S 23
R 20	529.309	639.112	635.108	635.360	634.856	R 22
A 21	547.068	606.087	596.082	596.334	595.830	A 21
G 22	561.323	582.328	578.323	578.575	578.071	G 20
L 23	589.594	568.072	564.068	564.320	563.816	L 19
Q 24	621.869	539.861	535.797	536.049	535.545	Q 18
F 25	658.376	507.787	503.782	504.034	503.530	F 17
P 26	682.639	471.020	467.015	467.267	466.763	P 16
V 27	707.406	446.756	442.752	443.004	442.500	V 15
G 28	721.662	421.989	417.985	418.237	417.733	G 14
R 29	760.687	407.734	403.729	403.981	403.477	R 13
V 30	785.454	389.769	384.764	384.966	384.462	V 12
H 31	819.719	343.942	339.937	340.189	339.685	H 11
R 32	858.744	309.677	305.672	305.924	305.420	R 10
L 33	887.015	270.652	266.647	266.899	266.395	L 9
L 34	915.286	242.381	238.376	238.628	238.124	L 8
R 35	967.511	214.110	210.105	210.357	209.853	R 7
K 36	986.335	175.984	171.980	172.232	171.728	K 6
G 37	1000.590	143.061	139.056	139.308	138.804	G 5
N 38	1029.101	128.805	124.800	125.052	124.548	N 4
Y 39	1069.867	100.294	96.290	96.542	96.038	Y 3
S 40	1091.625	59.520	55.524	55.776	55.272	S 2
E 41	1123.886	37.771	33.766	34.018	33.514	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.74
- ▶ F113278.dat
- ▶ query=q70154_p1
- ▶ precursor=749.757440
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4493.505	4477.486	0.000	4476.478	S 41
G 2	304.098	4364.463	4348.444	0.000	4347.436	G 40
R 3	360.199	4307.441	4291.422	4292.430	4290.414	R 39
G 4	417.220	4151.340	4135.321	4136.329	4134.313	G 38
K 5	543.315	4094.318	4078.300	4079.307	4077.292	K 37
Q 6	673.374	3956.273	3950.255	3951.262	3949.247	Q 36
G 7	730.395	3836.165	3822.146	3823.154	3821.138	G 35
G 8	787.417	3781.143	3765.125	3766.132	3764.117	G 34
K 9	915.512	3724.122	3708.103	3709.111	3707.095	K 33
A 10	986.549	3696.027	3680.008	3681.016	3679.000	A 32
R 11	1147.650	3524.990	3508.971	3509.979	3507.963	R 31
A 12	1213.687	3368.989	3352.970	3353.978	3351.962	A 30
R 13	1341.782	3297.852	3281.833	3282.841	3280.825	R 29
A 14	1412.819	3169.757	3153.738	3154.746	3152.730	A 28
K 15	1540.914	3098.719	3082.700	3083.709	3081.693	K 27
S 16	1627.946	2970.625	2954.606	2955.614	2953.598	S 26
R 17	1784.047	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1873.079	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1958.111	2640.458	2624.441	2625.448	2623.433	S 23
R 20	2114.213	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2185.250	2397.326	2381.307	2382.315	2380.300	A 21
G 22	2242.271	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2355.355	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2483.414	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2630.482	2028.125	2012.106	2013.114	2011.098	F 17
P 26	2727.535	1881.057	1865.038	1866.046	1864.030	P 16
V 27	2826.603	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2883.625	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3039.726	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3138.764	1511.833	1495.814	1496.822	1494.798	V 12
H 31	3275.853	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3431.954	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3545.030	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3658.123	959.500	950.482	951.489	949.474	L 8
R 35	3814.224	853.416	837.398	838.405	836.390	R 7
K 36	3932.319	697.335	688.318	689.324	687.309	K 6
G 37	3999.340	569.220	553.201	554.209	552.194	G 5
N 38	4113.383	512.109	496.100	497.108	495.172	N 4
V 39	4276.446	396.156	382.137	383.145	381.129	V 3
S 40	4363.478	235.092	219.074	220.082	218.066	S 2
E 41	4492.521	148.060	132.042	133.050	131.034	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.74
- ▶ F113278.dat
- ▶ query=q70154_p1
- ▶ precursor=749.757440
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA
G 1	74.062	2247.256	2229.257	0.804	2238.747	S(1)
G 2	102.553	2182.735	2174.725	0.904	2174.222	G(2)
R 3	180.603	2154.224	2146.215	2146.719	2145.711	R(3)
G 4	209.114	2076.174	2068.164	2068.666	2067.660	G(3)
K 5	273.161	2047.663	2039.653	2040.157	2039.150	K(37)
G 6	327.194	1983.615	1975.605	1976.109	1975.102	G(36)
G 7	385.704	1919.566	1911.577	1912.081	1911.073	G(35)
G 8	394.212	1891.075	1883.086	1883.570	1882.562	G(34)
K 9	458.260	1862.565	1854.555	1855.059	1854.051	K(33)
A 10	493.778	1798.517	1790.508	1791.012	1790.004	A(32)
R 11	577.820	1762.999	1754.989	1755.493	1754.485	R(31)
A 12	607.347	1684.949	1676.939	1677.443	1676.435	A(30)
R 13	671.395	1649.420	1641.430	1641.924	1640.916	R(29)
A 14	706.913	1585.363	1577.373	1577.876	1576.869	A(28)
K 15	770.961	1549.861	1541.854	1542.358	1541.350	K(27)
S 16	814.477	1485.816	1477.807	1478.310	1477.303	S(26)
R 17	892.527	1442.300	1434.291	1434.794	1433.787	R(25)
S 18	936.063	1384.249	1376.240	1376.744	1375.736	S(24)
S 19	979.559	1320.733	1312.724	1313.228	1312.220	S(23)
R 20	1057.610	1277.217	1269.208	1269.712	1268.704	R(22)
A 21	1093.128	1239.161	1191.157	1191.661	1190.653	A(21)
G 22	1127.639	1183.648	1175.639	1176.143	1175.135	G(20)
L 23	1178.181	1138.137	1129.137	1129.641	1128.633	L(19)
G 24	1242.211	1078.595	1070.586	1071.090	1070.082	G(18)
F 25	1315.745	1014.566	1006.557	1007.061	1006.053	F(17)
F 26	1364.271	941.033	933.023	933.526	932.519	F(16)
V 27	1413.805	892.506	884.496	885.000	884.992	V(15)
G 28	1442.316	842.077	834.062	835.066	834.058	G(14)
R 29	1520.859	814.461	806.451	806.955	805.947	R(13)
V 30	1569.901	736.410	728.401	728.905	727.897	V(12)
H 31	1638.430	668.876	678.866	679.370	678.363	H(11)
R 32	1716.461	618.346	610.337	610.841	609.833	R(10)
L 33	1773.023	540.206	532.196	532.700	531.693	L(9)
L 34	1829.568	469.794	479.783	479.286	478.279	L(8)
R 35	1907.615	427.212	419.202	419.706	418.698	R(7)
K 36	1971.663	349.161	341.152	341.656	340.648	K(6)
G 37	2050.174	285.114	277.104	277.608	276.600	G(5)
N 38	2057.195	256.603	248.594	249.098	248.090	N(4)
V 39	2138.227	199.562	191.572	192.076	191.068	V(3)
S 40	2192.283	118.056	110.047	110.549	109.541	S(2)
E 41	2246.764	74.534	66.524	67.028	66.021	E(1)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.74
- ▶ F113278.dat
- ▶ query=q70154_p1
- ▶ precursor=749.757440
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s=1	#s=2	z	AA	
S	1	48.697	1498.507	1493.167	0.872	482.83	S[41]
G	2	86.704	1455.452	1450.153	0.872	1449.817	G[40]
R	3	130.718	1436.485	1431.146	1431.482	1430.810	R[39]
G	4	159.745	1384.451	1379.112	1379.448	1378.776	G[38]
K	5	182.443	1305.444	1300.105	1300.441	1359.709	K[37]
G	6	225.130	1222.746	1217.408	1217.742	1311.670	G[36]
G	7	244.137	1090.090	1094.751	1275.056	1274.384	G[35]
G	8	263.144	1261.053	1255.713	1256.049	1255.377	G[34]
K	9	305.642	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	329.521	1199.341	1194.003	1194.344	1193.672	A[32]
R	11	381.555	1175.668	1170.329	1170.664	1169.993	R[31]
A	12	405.234	1123.834	1118.295	1118.295	1117.959	A[30]
K	13	447.932	1090.955	1084.613	1094.952	1094.281	K[29]
A	14	491.611	1057.257	1051.917	1052.253	1051.582	A[28]
K	15	514.310	1033.578	1028.239	1028.574	1027.902	K[27]
S	16	543.320	990.887	985.548	985.876	985.204	S[26]
R	17	595.254	961.869	956.529	956.865	956.193	R[25]
S	18	624.265	959.879	954.428	954.813	954.160	S[24]
S	19	653.275	980.825	875.485	875.821	875.149	S[23]
R	20	705.409	951.814	946.474	946.810	946.138	R[22]
A	21	729.088	799.789	794.441	794.777	794.105	A[21]
G	22	748.095	776.101	770.762	771.098	770.426	G[20]
L	23	785.790	770.094	764.754	765.096	764.419	L[19]
Q	24	824.817	719.369	714.000	714.366	713.224	Q[18]
F	25	877.409	676.713	671.374	671.710	671.038	F[17]
F	26	909.950	627.600	622.251	622.687	622.015	F[16]
V	27	942.873	595.139	590.000	590.336	589.664	V[15]
G	28	961.860	562.317	556.977	557.313	556.641	G[14]
R	29	1113.814	443.309	437.910	438.308	437.634	R[13]
V	30	1046.936	409.275	403.936	404.272	403.600	V[12]
H	31	1092.623	458.253	452.913	453.249	452.577	H[11]
R	32	1144.656	412.967	407.227	407.563	406.891	R[10]
L	33	1182.351	360.533	355.193	355.529	354.857	L[9]
L	34	1230.046	322.876	317.489	317.826	317.154	L[8]
R	35	1272.079	285.144	279.804	280.140	279.468	R[7]
K	36	1314.778	233.110	227.770	228.106	227.434	K[6]
G	37	1333.785	190.412	185.072	185.408	184.736	G[5]
N	38	1371.799	171.404	166.065	166.401	165.729	N[4]
V	39	1426.154	133.290	128.051	128.386	127.715	V[3]
S	40	1455.166	99.139	93.799	94.134	93.462	S[2]
E	41	1498.178	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.74
- ▶ F113278.dat
- ▶ query=q70154.p1
- ▶ precursor=749.757440
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	s+1	s+2	z	AA	
S	1	37.505	1124.132	1120.137	0.758	1119.877	S[41]
G	2	51.780	1091.871	1087.866	0.755	1087.614	G[40]
R	3	90.805	1077.616	1073.611	1073.863	1073.350	R[39]
G	4	109.061	1038.500	1034.500	1034.838	1034.134	G[38]
K	5	137.084	1024.335	1020.330	1020.582	1020.078	K[37]
G	6	169.059	992.311	988.307	988.597	988.055	G[36]
G	7	183.354	950.291	946.287	946.544	946.040	G[35]
G	8	197.610	946.041	942.037	942.289	941.795	G[34]
K	9	239.633	931.788	927.781	928.033	927.529	K[33]
A	10	247.303	899.762	895.757	896.009	895.500	A[32]
R	11	286.419	882.003	877.998	878.250	877.746	R[31]
A	12	304.177	842.918	838.913	839.215	838.721	A[30]
R	13	336.203	825.215	821.214	821.466	820.962	R[29]
A	14	353.960	793.195	789.190	789.442	788.938	A[28]
K	15	385.904	775.435	771.431	771.683	771.179	K[27]
S	16	407.742	743.412	739.407	739.659	739.155	S[26]
R	17	446.767	721.954	717.949	717.901	717.301	R[25]
S	18	468.526	692.626	688.621	688.876	688.372	S[24]
S	19	490.283	660.670	656.666	657.118	656.614	S[23]
R	20	529.309	638.112	634.108	635.360	634.856	R[22]
A	21	547.088	600.087	596.082	596.334	595.830	A[21]
G	22	561.323	582.328	578.323	578.575	578.071	G[20]
L	23	589.984	568.072	564.068	564.320	563.816	L[19]
G	24	621.609	539.801	535.797	536.048	535.545	G[18]
F	25	658.376	507.787	503.782	504.034	503.530	F[17]
F	26	662.639	471.020	467.015	467.267	466.763	F[16]
V	27	707.406	446.756	442.752	443.004	442.500	V[15]
G	28	721.662	421.989	417.985	418.237	417.733	G[14]
R	29	760.687	389.734	385.729	385.981	385.477	R[13]
V	30	785.454	368.709	364.704	364.956	364.452	V[12]
H	31	819.719	343.942	339.937	340.189	339.685	H[11]
R	32	858.744	309.677	305.672	305.924	305.420	R[10]
L	33	897.615	270.652	266.647	266.899	266.395	L[9]
L	34	915.286	242.361	238.356	238.608	238.104	L[8]
R	35	924.311	214.110	210.105	210.357	209.853	R[7]
K	36	966.335	175.084	171.080	171.332	170.828	K[6]
G	37	1000.590	143.061	139.056	139.308	138.804	G[5]
N	38	1029.101	128.805	124.800	125.052	124.548	N[4]
V	39	1069.867	100.294	96.289	96.542	96.038	V[3]
S	40	1091.625	98.529	94.524	94.776	94.272	S[2]
E	41	1123.886	97.771	93.766	94.018	93.514	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.74
- ▶ F113278.dat
- ▶ query=q70154_p1
- ▶ precursor=749.757440
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	899.507	896.303	0.806	896.102	S[41]
G[2]	41.625	873.698	870.495	0.806	870.293	G[40]
R[3]	72.846	862.294	859.090	859.292	858.889	R[39]
G[4]	84.250	831.074	827.870	828.072	827.668	G[38]
K[5]	109.869	819.669	816.466	816.667	816.264	K[37]
Q[6]	135.481	794.050	790.847	791.048	790.645	Q[36]
G[7]	146.885	788.439	785.235	785.437	785.033	G[35]
G[8]	158.289	757.034	753.831	754.032	753.629	G[34]
K[9]	183.908	745.630	742.426	742.628	742.225	K[33]
A[10]	198.116	720.011	716.807	717.009	716.606	A[32]
R[11]	229.336	705.804	702.600	702.802	702.998	R[31]
A[12]	243.543	674.584	671.380	671.581	671.178	A[30]
K[13]	269.162	660.376	657.172	657.374	656.971	K[29]
A[14]	283.370	634.757	631.553	631.755	631.352	A[28]
K[15]	308.989	620.550	617.346	617.548	617.144	K[27]
S[16]	326.395	594.931	591.727	591.929	591.525	S[26]
R[17]	357.615	577.524	574.321	574.522	574.119	R[25]
S[18]	375.022	546.304	543.100	543.302	542.899	S[24]
S[19]	392.428	520.898	525.694	525.896	525.492	S[23]
R[20]	423.648	511.491	508.287	508.489	508.085	R[22]
A[21]	437.856	480.271	477.067	477.269	476.866	A[21]
G[22]	449.260	466.064	462.860	463.061	462.658	G[20]
L[23]	471.877	454.659	451.456	451.657	451.254	L[19]
Q[24]	497.489	432.043	428.839	429.040	428.637	Q[18]
F[25]	526.902	406.431	403.227	403.429	403.026	F[17]
P[26]	546.313	377.017	373.813	374.015	373.612	P[16]
V[27]	566.126	357.607	354.403	354.604	354.201	V[15]
G[28]	577.531	337.793	334.589	334.791	334.388	G[14]
R[29]	608.751	326.389	323.185	323.386	322.983	R[13]
V[30]	628.565	299.168	293.963	292.156	291.753	V[12]
H[31]	655.976	275.955	272.151	272.353	271.949	H[11]
R[32]	687.197	247.943	244.739	244.941	244.538	R[10]
L[33]	709.814	216.723	213.519	213.721	213.317	L[0]
L[34]	732.430	194.106	190.902	191.104	190.701	L[8]
R[35]	763.651	171.489	168.285	168.487	168.084	R[7]
K[36]	789.270	140.269	137.065	137.267	136.864	K[6]
G[37]	800.674	114.650	111.446	111.648	111.245	G[5]
N[38]	823.482	103.240	100.042	100.243	99.840	N[4]
Y[39]	856.095	80.437	77.233	77.435	77.032	Y[3]
S[40]	873.501	47.824	44.621	44.822	44.419	S[2]
E[41]	899.310	30.418	27.214	27.416	27.013	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.00
- ▶ F113278.dat
- ▶ query=q70160_p1
- ▶ precursor=749.757580
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4493.505	4477.489	0.000	4476.478	S[41]
G	2	204.098	4364.402	4348.444	0.000	4347.436	G[40]
R	3	360.199	4307.441	4291.422	4292.430	4290.414	R[39]
K	4	417.220	4151.340	4135.321	4136.329	4134.311	K[38]
K	5	545.315	4094.318	4078.300	4079.307	4077.292	K[37]
Q	6	673.374	3936.223	3920.205	3921.212	3919.197	Q[36]
G	7	730.395	3838.165	3822.146	3823.154	3821.138	G[35]
G	8	787.417	3781.143	3765.125	3766.132	3764.117	G[34]
K	9	915.512	3724.122	3708.103	3709.111	3707.095	K[33]
A	10	986.549	3596.027	3580.008	3581.016	3579.000	A[32]
R	11	1142.550	3524.960	3508.941	3509.949	3507.933	R[31]
A	12	1213.607	3368.889	3352.871	3353.878	3351.862	A[30]
K	13	1341.762	3297.852	3281.833	3282.841	3280.825	K[29]
A	14	1412.819	3169.757	3153.738	3154.746	3152.730	A[28]
K	15	1540.914	3098.719	3082.701	3083.709	3081.693	K[27]
S	16	1627.946	2970.625	2954.606	2955.614	2953.598	S[26]
R	17	1784.047	2883.592	2867.574	2868.582	2866.566	R[25]
S	18	1871.079	2727.493	2711.473	2712.480	2710.465	S[24]
S	19	1958.111	2648.459	2632.441	2633.448	2631.433	S[23]
R	20	2114.213	2563.427	2547.409	2548.416	2546.401	R[22]
A	21	2185.250	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2242.271	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2385.355	2269.268	2253.249	2254.257	2252.241	L[19]
Q	24	2483.414	2126.184	2110.165	2111.173	2109.157	Q[18]
F	25	2630.463	2028.125	2012.106	2013.114	2011.098	F[17]
P	26	2727.515	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2826.603	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2883.625	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3039.726	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3126.764	1471.813	1455.794	1456.802	1454.786	V[12]
I	31	3275.853	1372.744	1366.726	1367.734	1365.718	I[11]
R	32	3431.954	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3545.038	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3658.123	966.500	950.482	951.489	949.474	L[8]
R	35	3814.224	853.416	837.398	838.405	836.390	R[7]
K	36	3942.319	697.315	681.296	682.304	680.289	K[6]
G	37	3999.340	569.220	553.201	554.209	552.194	G[5]
N	38	4113.353	512.199	496.180	497.188	495.172	N[4]
V	39	4276.446	398.156	382.137	383.145	381.129	V[3]
S	40	4363.478	235.062	219.074	220.082	218.066	S[2]
E	41	4492.521	148.060	132.042	133.050	131.034	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.00
- ▶ F113278.dat
- ▶ query=q70160.p1
- ▶ precursor=749.757580
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA
G 1	74.062	2247.256	2229.267	0.804	2238.747	S(1)
G 2	102.553	2182.735	2174.726	0.504	2174.222	G(2)
R 3	180.603	2154.224	2146.215	2146.719	2145.711	R(3)
G 4	209.114	2076.174	2068.164	2068.666	2067.660	G(3)
K 5	273.161	2047.663	2039.653	2040.157	2039.150	K(3)
G 6	327.194	1988.615	1979.602	1978.110	1975.102	G(6)
G 7	385.704	1919.586	1911.577	1912.081	1911.073	G(5)
G 8	394.212	1891.075	1883.066	1883.570	1882.562	G(4)
K 9	458.260	1862.565	1854.555	1855.059	1854.051	K(3)
A 10	493.778	1798.511	1790.500	1791.012	1790.004	A(3)
R 11	571.829	1762.999	1754.989	1755.493	1754.485	R(1)
A 12	607.347	1684.949	1676.939	1677.443	1676.435	A(3)
R 13	671.395	1649.420	1641.410	1641.924	1640.916	R(2)
A 14	706.913	1585.363	1577.353	1577.876	1576.868	A(2)
K 15	770.961	1549.861	1541.854	1542.358	1541.350	K(2)
S 16	814.477	1485.816	1477.807	1478.310	1477.303	S(2)
R 17	822.527	1442.300	1434.291	1434.794	1433.786	R(2)
S 18	836.043	1364.260	1356.250	1356.744	1355.736	S(2)
S 19	870.559	1320.733	1312.724	1313.228	1312.220	S(2)
R 20	1057.610	1277.211	1269.200	1269.712	1268.704	R(2)
A 21	1093.128	1199.161	1191.157	1191.661	1190.653	A(1)
G 22	1121.639	1163.648	1155.639	1156.143	1155.135	G(2)
L 23	1178.181	1128.137	1120.127	1120.630	1119.622	L(1)
G 24	1242.211	1078.595	1070.586	1071.090	1070.082	G(1)
F 25	1315.745	1014.566	1006.557	1007.061	1006.053	F(1)
F 26	1364.271	941.034	933.023	933.526	932.519	F(1)
V 27	1413.805	892.506	884.496	885.000	884.992	V(1)
G 28	1442.316	842.971	834.962	835.466	834.458	G(1)
R 29	1500.889	814.461	806.451	806.955	805.947	R(1)
V 30	1569.901	736.410	728.401	728.905	727.897	V(1)
H 31	1638.430	688.876	678.866	679.370	678.363	H(1)
R 32	1716.461	618.346	610.337	610.841	609.833	R(1)
L 33	1773.023	540.296	532.286	532.790	531.783	L(1)
L 34	1829.568	469.754	459.743	459.246	458.240	L(1)
R 35	1907.615	427.212	419.202	419.706	418.699	R(1)
K 36	1971.663	349.161	341.152	341.656	340.648	K(1)
G 37	2000.174	285.114	277.104	277.608	276.600	G(1)
N 38	2057.195	256.603	248.594	249.098	248.090	N(1)
V 39	2138.227	199.562	191.552	192.056	191.048	V(1)
S 40	2192.243	118.056	110.046	110.549	109.541	S(1)
E 41	2246.764	74.534	66.524	67.028	66.021	E(1)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.00
- ▶ F113278.dat
- ▶ query=q70160.p1
- ▶ precursor=749.757580
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1493.167	0.672	1492.831	S[41]	
G	2	68.704	1455.492	1450.153	0.672	1449.811	G[40]
R	3	130.738	1438.485	1431.140	1431.482	1430.810	R[39]
G	4	139.745	1384.451	1379.112	1379.448	1378.770	G[38]
K	5	182.443	1365.444	1360.105	1360.441	1359.769	K[37]
Q	6	235.330	1322.740	1317.401	1317.742	1317.070	Q[36]
G	7	244.137	1280.080	1274.720	1275.056	1274.388	G[35]
G	8	283.144	1261.053	1255.713	1256.049	1255.377	G[34]
K	9	305.842	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	329.521	1199.347	1194.008	1194.344	1193.672	A[32]
R	11	381.555	1175.668	1170.329	1170.664	1169.993	R[31]
A	12	409.234	1129.594	1124.255	1124.591	1123.920	A[30]
R	13	447.932	1099.950	1094.616	1094.952	1094.280	R[29]
A	14	471.611	1057.257	1051.917	1052.253	1051.582	A[28]
K	15	514.310	1033.978	1028.238	1028.574	1027.902	K[27]
S	16	543.320	990.880	985.540	985.876	985.204	S[26]
R	17	595.354	961.869	956.529	956.865	956.193	R[25]
S	18	624.365	909.390	904.050	904.386	903.714	S[24]
S	19	653.375	880.825	875.485	875.821	875.149	S[23]
R	20	705.409	851.814	846.474	846.810	846.138	R[22]
A	21	729.088	799.760	794.421	794.757	794.085	A[21]
G	22	798.095	776.101	770.762	771.098	770.426	G[20]
L	23	785.790	737.064	731.724	732.060	731.410	L[19]
Q	24	828.476	719.399	714.060	714.396	713.724	Q[18]
F	25	877.499	676.713	671.374	671.710	671.038	F[17]
P	26	909.850	627.600	622.261	622.607	622.015	P[16]
V	27	942.873	595.339	590.000	590.336	589.664	V[15]
G	28	961.880	562.317	556.977	557.313	556.641	G[14]
D	29	1013.914	543.305	537.966	538.302	537.630	D[13]
V	30	1046.938	491.276	485.936	486.272	485.600	V[12]
H	31	1092.823	458.253	452.913	453.249	452.577	H[11]
R	32	1144.656	412.567	407.227	407.563	406.891	R[10]
L	33	1182.351	360.533	355.193	355.529	354.857	L[9]
L	34	1220.646	322.836	317.496	317.832	317.161	L[8]
T	35	1272.679	285.144	279.804	280.140	279.468	T[7]
K	36	1314.778	233.110	227.770	228.106	227.434	K[6]
G	37	1333.785	190.412	185.072	185.408	184.736	G[5]
N	38	1371.799	171.404	166.064	166.401	165.729	N[4]
V	39	1426.154	133.390	128.051	128.387	127.715	V[3]
S	40	1455.164	79.036	73.696	74.032	73.360	S[2]
E	41	1498.178	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=51.00
- ▶ F113278.dat
- ▶ query=q70160.p1
- ▶ precursor=749.757580
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	37.505	1124.142	1120.137	0.758	1119.877	S(4)
G	2	51.780	1091.871	1087.866	0.755	1087.614	G(4)
R	3	90.805	1077.616	1073.611	1073.863	1073.350	R(3)
G	4	109.061	1038.500	1034.586	1034.838	1034.334	G(3)
K	5	137.084	1024.335	1020.330	1020.582	1020.078	K(3)
G	6	169.059	992.311	988.307	988.559	988.055	G(2)
G	7	183.354	956.291	952.287	956.544	956.040	G(5)
G	8	197.610	948.041	944.037	942.289	941.785	G(4)
K	9	239.633	931.788	927.783	928.033	927.529	K(3)
A	10	247.303	899.762	895.757	896.009	895.504	A(3)
R	11	286.418	882.003	877.998	878.250	877.746	R(3)
A	12	304.177	842.918	838.973	839.225	838.721	A(3)
K	13	336.201	825.215	821.214	821.466	820.962	K(2)
A	14	353.960	793.195	789.190	789.442	788.938	A(2)
K	15	385.984	775.435	771.431	771.683	771.179	K(2)
S	16	407.742	743.412	739.407	739.659	739.155	S(2)
R	17	446.767	721.954	717.949	717.901	717.397	R(2)
S	18	468.526	692.628	688.623	688.876	688.372	S(4)
S	19	490.283	660.870	656.866	657.118	656.614	S(3)
R	20	529.309	638.112	634.108	635.360	634.856	R(2)
A	21	547.088	600.087	596.082	596.334	595.830	A(2)
G	22	561.323	582.328	578.323	578.575	578.071	G(2)
L	23	589.384	568.072	564.068	564.320	563.816	L(2)
Q	24	621.609	539.801	535.797	536.049	535.545	Q(1)
F	25	658.376	507.787	503.782	504.034	503.530	F(1)
F	26	682.639	471.020	467.015	467.267	466.763	F(1)
V	27	707.406	446.756	442.752	443.004	442.500	V(1)
G	28	721.662	421.989	417.985	418.237	417.733	G(1)
R	29	760.687	389.734	385.729	385.981	385.477	R(1)
V	30	785.454	368.709	364.704	364.956	364.452	V(1)
H	31	819.710	343.942	339.937	340.189	339.685	H(1)
R	32	858.744	309.677	305.672	305.924	305.420	R(1)
L	33	887.015	270.652	266.647	266.899	266.395	L(1)
L	34	915.286	242.381	238.376	238.628	238.124	L(1)
R	35	934.311	214.110	210.105	210.357	209.853	R(1)
K	36	966.335	175.084	171.080	171.332	170.828	K(1)
G	37	1000.590	143.061	139.056	139.308	138.804	G(1)
N	38	1029.101	128.805	124.800	125.052	124.548	N(1)
V	39	1067.777	100.294	96.289	96.542	96.038	V(1)
S	40	1091.825	98.529	94.524	94.776	94.272	S(1)
E	41	1123.888	97.771	93.766	94.018	93.514	E(1)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=51.00
- ▶ F113278.dat
- ▶ query=q70160_p1
- ▶ precursor=749.757580
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	899.507	896.303	0.806	896.102	S[41]
G[2]	41.625	873.698	870.495	0.806	870.293	G[40]
R[3]	72.846	862.294	859.090	859.292	858.889	R[39]
G[4]	84.250	831.074	827.870	828.072	827.668	G[38]
K[5]	109.869	819.669	816.466	816.667	816.264	K[37]
Q[6]	135.481	794.050	790.847	791.048	790.645	Q[36]
G[7]	146.885	788.439	785.235	785.437	785.033	G[35]
G[8]	158.289	757.034	753.831	754.032	753.629	G[34]
K[9]	183.908	745.630	742.426	742.628	742.225	K[33]
A[10]	198.116	720.011	716.807	717.009	716.606	A[32]
R[11]	229.336	705.804	702.600	702.802	702.998	R[31]
A[12]	243.543	674.584	671.380	671.581	671.178	A[30]
K[13]	269.162	660.376	657.172	657.374	656.971	K[29]
A[14]	283.370	634.757	631.553	631.755	631.352	A[28]
K[15]	308.989	620.550	617.346	617.548	617.144	K[27]
S[16]	326.395	594.931	591.727	591.929	591.525	S[26]
R[17]	357.615	577.524	574.321	574.522	574.119	R[25]
S[18]	375.022	546.304	543.100	543.302	542.899	S[24]
S[19]	392.428	520.898	525.694	525.896	525.492	S[23]
R[20]	423.648	511.491	508.287	508.489	508.086	R[22]
A[21]	437.856	480.271	477.067	477.269	476.866	A[21]
G[22]	449.260	466.064	462.860	463.061	462.658	G[20]
L[23]	471.877	454.659	451.456	451.657	451.254	L[19]
Q[24]	497.489	432.043	428.839	429.040	428.637	Q[18]
F[25]	526.902	406.431	403.227	403.429	403.026	F[17]
P[26]	546.313	377.017	373.813	374.015	373.612	P[16]
V[27]	566.126	357.607	354.403	354.604	354.201	V[15]
G[28]	577.531	337.793	334.589	334.791	334.388	G[14]
R[29]	608.751	326.389	323.185	323.386	322.983	R[13]
V[30]	628.555	299.168	293.963	292.156	291.753	V[12]
H[31]	655.976	275.955	272.151	272.353	271.949	H[11]
R[32]	687.197	247.943	244.739	244.941	244.538	R[10]
L[33]	709.814	216.723	213.519	213.721	213.317	L[0]
L[34]	732.430	194.106	190.902	191.104	190.701	L[8]
R[35]	763.651	171.489	168.285	168.487	168.084	R[7]
K[36]	789.270	140.269	137.065	137.267	136.864	K[6]
G[37]	800.674	114.650	111.446	111.648	111.245	G[5]
N[38]	823.482	103.246	100.042	100.243	99.840	N[4]
Y[39]	856.095	80.437	77.233	77.435	77.032	Y[3]
S[40]	873.501	47.824	44.621	44.822	44.419	S[2]
E[41]	899.310	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.11
- ▶ F113278.dat
- ▶ query=q70245.p1
- ▶ precursor=644.793150
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4507.521	4491.502	0.000	4490.494	S 41
G 2	204.098	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.220	4165.355	4149.337	4150.345	4148.329	G 38
K 5	545.315	4106.334	4090.315	4093.322	4091.307	K 37
Q 6	673.374	3989.239	3974.220	3965.228	3963.211	Q 36
G 7	730.395	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.050	3536.005	3522.987	3523.995	3521.979	R 31
A 12	1213.607	3382.904	3366.886	3367.893	3366.878	A 30
R 13	1341.782	3311.867	3295.848	3296.856	3294.841	R 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1796.053	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1885.095	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.127	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2128.238	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.269	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2256.287	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2369.371	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2497.439	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2644.498	2028.125	2012.106	2013.114	2011.099	F 17
F 26	2741.551	1881.057	1865.038	1866.046	1864.031	F 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.742	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3152.810	1514.833	1455.794	1456.802	1454.785	V 12
H 31	3259.889	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.665	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.500	950.482	951.489	949.474	L 8
R 35	3828.239	853.416	837.398	838.405	836.390	R 7
K 36	3958.334	697.335	681.316	682.324	680.309	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.100	497.108	495.172	N 4
V 39	4290.462	396.156	380.137	381.145	380.129	V 3
S 40	4377.494	235.092	219.074	220.082	218.066	S 2
E 41	4506.537	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.11
- ▶ F113278.dat
- ▶ query=q70245.p1
- ▶ precursor=644.793150
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2054.264	2266.255	8.804	2245.781	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2641.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.871	2046.681	2047.105	2046.157	K[37]
G	6	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	385.703	1936.594	1928.584	1929.088	1928.080	G[35]
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.347	1692.956	1684.946	1685.450	1684.442	A[30]
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.913	1592.390	1584.380	1584.884	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	896.526	1442.300	1434.291	1434.794	1433.786	R[25]
S	18	913.053	1364.249	1356.240	1356.744	1355.736	S[24]
S	19	986.567	1328.733	1312.724	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1153.648	1145.639	1146.143	1145.135	G[20]
L	23	1155.165	1138.137	1129.128	1129.632	1128.624	L[19]
Q	24	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	25	1322.753	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.033	933.023	933.526	932.519	F[16]
V	27	1420.811	892.506	884.496	885.000	883.992	V[15]
G	28	1449.324	842.971	834.962	835.466	834.458	G[14]
R	29	1527.814	814.441	806.431	806.935	805.927	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.866	679.370	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.296	532.286	532.790	531.783	L[9]
L	34	1836.573	469.764	461.754	462.258	461.250	L[8]
R	35	1914.623	427.232	419.222	419.726	418.718	R[7]
K	36	1978.671	349.181	341.172	341.676	340.668	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.736	189.562	181.552	182.056	181.048	V[3]
S	40	2199.251	118.056	110.046	110.550	109.542	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.11
- ▶ F113278.dat
- ▶ query=q70245.p1
- ▶ precursor=644.793150
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1503.175	1497.830	0.672	1497.503	S 41
G 2	68.704	1460.164	1454.825	0.672	1454.498	G 40
R 3	130.738	1441.157	1435.817	1436.153	1435.485	R 39
K 4	139.745	1389.127	1383.724	1384.120	1383.448	K 38
K 5	182.443	1370.116	1364.777	1365.113	1364.441	K 37
Q 6	235.788	1327.418	1322.876	1322.814	1323.741	Q 36
G 7	244.137	1384.732	1379.502	1379.125	1379.055	G 35
G 8	283.144	1295.725	1260.385	1260.721	1260.049	G 34
K 9	305.842	1246.711	1241.378	1241.714	1241.041	K 33
A 10	329.521	1234.019	1198.679	1199.015	1198.344	A 32
R 11	381.555	1199.948	1175.000	1175.336	1174.664	R 31
A 12	409.234	1128.308	1123.967	1123.303	1123.631	A 30
R 13	447.832	1104.627	1099.288	1099.624	1098.952	R 29
A 14	471.611	1061.929	1056.589	1056.925	1056.253	A 28
K 15	514.310	1038.250	1032.910	1033.246	1032.574	K 27
T 16	547.992	995.552	990.212	990.548	989.876	T 26
R 17	600.626	981.860	965.529	966.865	966.193	R 25
S 18	629.019	909.839	904.496	904.832	904.160	S 24
S 19	658.047	880.825	875.485	875.821	875.149	S 23
R 20	710.081	851.814	846.474	846.810	846.138	R 22
A 21	724.706	799.789	794.441	794.777	794.105	A 21
G 22	752.767	778.101	770.762	771.098	770.426	G 20
L 23	797.932	757.094	752.752	753.088	752.416	L 19
Q 24	833.148	719.599	714.060	714.396	713.724	Q 19
F 25	882.171	678.713	671.374	671.710	671.038	F 17
F 26	914.582	627.680	622.351	622.687	622.015	F 16
V 27	967.545	595.339	590.000	590.336	589.664	V 15
G 28	966.552	562.317	556.977	557.313	556.641	G 14
R 29	1017.556	543.305	537.970	538.306	537.634	R 12
V 30	1051.608	491.279	485.936	486.272	485.600	V 12
H 31	1097.294	458.253	452.913	453.249	452.577	H 11
R 32	1149.538	412.567	407.227	407.563	406.891	R 10
L 33	1187.023	360.533	355.193	355.529	354.857	L 9
L 34	1224.718	322.858	317.509	317.835	317.163	L 8
R 35	1276.751	285.144	279.804	280.140	279.468	R 7
R 36	1319.450	233.110	227.770	228.105	227.433	R 6
G 37	1338.467	190.412	185.072	185.408	184.736	G 5
N 38	1376.471	171.404	166.065	166.401	165.729	N 4
V 39	1430.826	133.390	128.051	128.387	127.715	V 3
S 40	1459.836	79.036	73.696	74.032	73.360	S 2
E 41	1502.850	50.029	44.689	45.021	44.349	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=47.11
- ▶ F113278.dat
- ▶ query=q70245.p1
- ▶ precursor=644.793150
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	57.535	1127.636	1123.631	0.755	1123.376	S 41
G 2	51.780	1095.375	1091.370	0.755	1091.118	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.863	R 39
G 4	105.061	1042.094	1038.090	1038.342	1037.839	G 38
K 5	137.004	1027.839	1023.834	1024.086	1023.582	K 37
Q 6	169.099	989.315	991.311	992.062	991.559	Q 36
G 7	183.354	983.801	959.796	960.048	959.544	G 35
G 8	197.610	949.545	945.541	945.792	945.289	G 34
K 9	229.631	935.290	931.285	931.537	931.033	K 33
A 10	247.323	903.266	899.261	899.513	899.009	A 32
R 11	286.418	868.507	861.502	861.754	861.250	R 31
A 12	324.177	846.482	842.477	842.729	842.225	A 30
R 13	336.201	826.722	824.718	824.970	824.466	R 29
A 14	353.000	796.699	792.694	792.946	792.442	A 28
K 15	365.984	778.939	774.935	775.187	774.683	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.894	717.889	717.991	717.391	R 25
S 18	472.939	682.628	678.624	678.876	678.372	S 24
S 19	483.787	660.870	656.866	657.118	656.614	S 23
R 20	532.813	639.112	635.108	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.320	578.315	578.575	578.071	G 20
L 23	593.098	558.072	564.068	564.320	563.816	L 19
Q 24	625.113	539.801	535.797	536.049	535.545	Q 18
F 25	661.880	507.787	503.782	504.034	503.530	F 17
P 26	686.143	471.020	467.015	467.267	466.763	P 16
V 27	710.910	446.756	442.752	443.004	442.500	V 15
G 28	725.166	421.989	417.985	418.237	417.733	G 14
R 29	764.191	407.734	403.729	403.981	403.477	R 13
V 30	785.958	386.709	384.704	384.956	384.452	V 12
H 31	823.223	343.942	339.937	340.189	339.685	H 11
R 32	882.248	309.677	305.672	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.790	242.381	238.376	238.628	238.124	L 8
R 35	957.815	214.110	210.105	210.357	209.853	R 7
K 36	985.839	176.984	171.980	172.232	171.728	K 6
C 37	1004.004	143.061	139.056	139.308	138.804	C 5
N 38	1032.605	128.805	124.800	125.052	124.548	N 4
V 39	1073.571	100.294	96.290	96.542	96.038	V 3
S 40	1095.129	59.529	55.524	55.776	55.272	S 2
E 41	1127.390	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=47.11
- ▶ F113278.dat
- ▶ query=q70245_p1
- ▶ precursor=644.793150
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.685	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.838	756.634	756.835	756.432	G[34]
K[9]	183.908	748.433	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.336	708.607	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	528.898	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	494.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.530	357.607	354.403	354.604	354.201	V[15]
G[28]	580.334	337.793	334.589	334.791	334.388	G[14]
R[29]	611.554	326.389	323.185	323.386	322.983	R[13]
V[30]	631.368	295.168	291.965	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.109	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.283	168.487	168.084	R[7]
K[36]	782.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.877	114.650	111.446	111.648	111.245	G[5]
N[38]	826.286	103.246	100.042	100.243	99.840	N[4]
V[39]	858.898	80.437	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

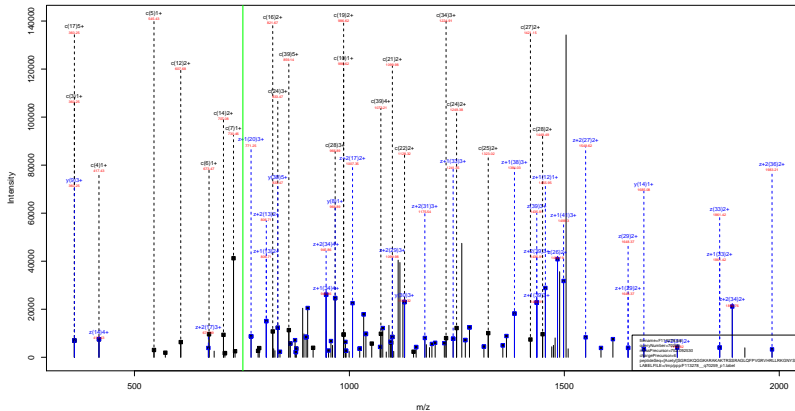
[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=47.11
- ▶ F113278.dat
- ▶ query=q70245_p1
- ▶ precursor=644.793150
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	25.352	752.093	749.423	0.839	749.295	S[41]
G[2]	34.856	730.586	727.916	0.839	727.748	G[40]
R[3]	60.873	721.082	716.412	718.580	718.244	R[39]
G[4]	70.376	695.065	692.306	692.563	692.220	G[38]
K[5]	91.725	685.562	682.892	683.060	682.724	K[37]
Q[6]	113.068	664.213	661.543	661.711	661.375	Q[36]
G[7]	122.572	642.869	640.200	640.368	640.032	G[35]
G[8]	132.076	633.366	630.696	630.864	630.528	G[34]
K[9]	153.425	623.862	621.193	621.360	621.025	K[33]
A[10]	165.264	602.513	599.843	600.011	599.675	A[32]
R[11]	191.281	590.674	588.004	588.172	587.836	R[31]
A[12]	203.121	564.657	561.987	562.155	561.819	A[30]
K[13]	224.470	552.617	550.147	550.315	549.980	K[29]
A[14]	236.309	531.468	528.798	528.966	528.630	A[28]
K[15]	257.658	519.629	516.959	517.127	516.791	K[27]
T[16]	274.500	498.279	495.610	495.778	495.442	T[26]
R[17]	300.517	481.438	478.768	478.936	478.600	R[25]
S[18]	315.022	458.421	452.752	453.919	452.584	S[24]
S[19]	329.527	440.916	438.306	438.474	438.138	S[23]
R[20]	355.544	426.411	423.741	423.909	423.573	R[22]
A[21]	367.384	400.394	397.724	397.892	397.556	A[21]
G[22]	376.887	388.554	385.884	386.052	385.716	G[20]
L[23]	395.735	379.051	376.381	376.549	376.213	L[19]
Q[24]	417.078	360.203	357.534	357.702	357.366	Q[18]
F[25]	441.589	338.889	336.190	336.358	336.022	F[17]
P[26]	457.765	314.349	311.679	311.847	311.511	P[16]
V[27]	474.276	298.173	295.504	295.672	295.336	V[15]
G[28]	483.779	281.662	278.992	279.160	278.824	G[14]
R[29]	509.796	272.158	269.489	269.657	269.321	R[13]
V[30]	528.308	246.141	243.472	243.640	243.304	V[12]
H[31]	549.151	229.630	226.960	227.128	226.792	H[11]
R[32]	575.168	206.787	204.117	204.285	203.949	R[10]
L[33]	594.015	180.770	178.100	178.268	177.932	L[0]
L[34]	612.862	161.923	159.253	159.421	159.085	L[8]
R[35]	638.879	143.075	140.406	140.574	140.238	R[7]
K[36]	660.228	117.059	114.389	114.557	114.221	K[6]
G[37]	669.732	95.709	93.040	93.208	92.872	G[5]
N[38]	688.739	86.206	83.536	83.704	83.368	N[4]
V[39]	715.916	67.199	64.529	64.697	64.361	V[3]
S[40]	730.422	40.021	37.352	37.520	37.184	S[2]
E[41]	751.929	25.516	22.846	23.014	22.678	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE



sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.62
- ▶ F113278.dat
- ▶ query=q70259_p1
- ▶ precursor=752.092530
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4507.521	4491.502	0.000	4490.494	S 41
G 2	204.098	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.220	4165.355	4149.337	4150.345	4148.329	G 38
K 5	545.315	4106.334	4090.315	4093.322	4091.307	K 37
Q 6	673.374	3989.276	3974.259	3965.228	3963.213	Q 36
G 7	730.395	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.050	3536.005	3522.987	3523.995	3521.979	R 31
A 12	1213.607	3382.904	3366.886	3367.893	3366.878	A 30
R 13	1341.782	3311.867	3295.848	3296.856	3294.841	R 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1796.053	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1885.095	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.127	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2128.238	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.269	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2256.287	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2369.371	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2497.479	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2644.498	2028.125	2012.106	2013.114	2011.098	F 17
F 26	2741.551	1881.057	1865.038	1866.046	1864.030	F 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.742	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3152.810	1514.833	1455.794	1456.802	1454.785	V 12
H 31	3259.889	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.500	950.482	951.489	949.474	L 8
R 35	3828.239	853.416	837.398	838.405	836.390	R 7
K 36	3958.334	697.315	681.298	682.304	680.289	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.100	497.108	495.172	N 4
V 39	4290.462	396.156	380.137	381.145	381.129	V 3
S 40	4377.494	235.092	219.074	220.082	218.066	S 2
E 41	4506.537	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.62
- ▶ F113278.dat
- ▶ query=q70259.p1
- ▶ precursor=752.092530
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.092	2054.204	2266.205	0.804	2245.781	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2161.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
Q	6	337.194	1990.622	1982.614	1983.118	1982.110	Q[36]
G	7	365.703	1926.594	1918.584	1919.088	1918.080	G[35]
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.347	1697.956	1689.946	1690.450	1689.443	A[30]
R	13	671.376	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.913	1592.900	1584.890	1584.884	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	899.535	1442.800	1434.791	1435.294	1434.287	R[25]
S	18	933.651	1384.249	1376.240	1376.744	1375.736	S[24]
S	19	986.567	1320.733	1312.724	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1153.648	1155.639	1156.143	1155.135	G[20]
L	23	1128.677	1128.137	1127.128	1127.632	1126.624	L[19]
Q	24	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	25	1322.753	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.033	933.023	933.526	932.518	F[16]
V	27	1420.813	892.506	884.496	885.000	883.992	V[15]
G	28	1449.324	842.971	834.962	835.466	834.458	G[14]
R	29	1527.814	814.461	806.451	806.955	805.946	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.866	679.370	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.206	532.196	532.700	531.693	L[9]
L	34	1838.573	469.794	459.784	459.288	458.281	L[8]
R	35	1914.623	427.212	419.202	419.706	418.698	R[7]
K	36	1978.671	349.161	341.152	341.656	340.648	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.236	199.562	191.552	192.056	191.048	V[3]
S	40	2199.261	118.056	110.047	110.551	109.543	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.62
- ▶ F113278.dat
- ▶ query=q70259.p1
- ▶ precursor=752.092530
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
S	1	48.607	1502.178	1497.839	8.872	1497.567	S[41]
G	2	86.704	1460.184	1454.275	0.672	1454.480	G[40]
R	3	130.718	1441.157	1435.817	1436.153	1435.482	R[39]
G	4	139.745	1389.123	1387.784	1384.120	1383.440	G[38]
K	5	182.443	1370.110	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1320.012	1327.318	1321.761	G[36]
G	7	264.117	1284.733	1279.392	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.285	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.010	1198.079	1199.015	1198.344	A[32]
R	11	381.555	1188.240	1175.080	1175.336	1174.064	R[31]
A	12	405.254	1178.306	1162.907	1171.917	1162.831	A[30]
K	13	447.932	1104.527	1099.238	1099.624	1099.952	K[29]
A	14	471.611	1061.929	1056.539	1056.925	1056.251	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.870	T[26]
R	17	600.626	961.869	956.529	956.865	956.191	R[25]
S	18	629.917	909.835	904.495	904.831	904.160	S[24]
S	19	658.047	880.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.139	R[22]
A	21	733.760	799.780	794.441	794.777	794.101	A[21]
G	22	762.767	776.101	770.762	771.098	770.426	G[20]
L	23	796.462	759.094	753.754	754.090	753.419	L[19]
G	24	833.148	719.306	714.000	714.366	713.624	G[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.261	622.687	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1007.254	443.309	437.970	438.306	437.634	R[13]
V	30	1051.608	480.276	485.038	486.272	485.600	V[12]
H	31	1097.294	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.574	317.489	317.825	317.153	L[8]
R	35	1225.173	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1436.826	133.390	128.051	128.386	127.715	V[3]
S	40	1459.836	98.136	93.000	93.336	92.664	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.62
- ▶ F113278.dat
- ▶ query=q70259_p1
- ▶ precursor=752.092530
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s=1	#s=2	#s=3	AA	
S	1	37.505	1127.810	1123.811	0.758	1123.377	S[41]
G	2	51.780	1095.375	1081.370	0.755	1091.116	G[40]
R	3	90.805	1081.120	1077.115	1077.367	1076.863	R[39]
G	4	109.001	1042.094	1038.090	1038.342	1037.836	G[38]
K	5	137.084	1027.839	1023.834	1024.086	1023.582	K[37]
G	6	169.059	995.815	991.811	992.062	991.557	G[36]
G	7	193.254	963.803	959.798	959.548	959.544	G[35]
G	8	197.610	949.545	945.541	945.792	945.289	G[34]
K	9	239.633	935.290	931.285	931.537	931.033	K[33]
A	10	247.303	903.266	899.261	899.513	899.009	A[32]
R	11	286.418	895.507	891.502	891.754	891.250	R[31]
A	12	304.177	868.482	864.477	864.729	864.225	A[30]
R	13	336.201	828.722	824.718	824.970	824.466	R[29]
A	14	353.980	796.699	792.694	792.946	792.442	A[28]
K	15	385.904	778.939	774.935	775.187	774.683	K[27]
T	16	411.246	746.915	742.911	743.163	742.659	T[26]
R	17	459.271	721.954	717.949	718.201	717.697	R[25]
S	18	472.629	692.629	688.624	688.876	688.372	S[24]
S	19	493.787	660.970	656.966	657.218	656.714	S[23]
R	20	532.613	639.112	635.108	635.360	634.856	R[22]
A	21	550.572	600.087	596.082	596.334	595.830	A[21]
G	22	564.827	582.328	578.323	578.575	578.071	G[20]
L	23	593.098	568.072	564.068	564.320	563.816	L[19]
Q	24	625.113	539.801	535.797	536.049	535.545	Q[18]
F	25	661.880	507.787	503.782	504.034	503.530	F[17]
F	26	698.143	471.020	467.015	467.267	466.763	F[16]
V	27	710.910	446.756	442.752	443.004	442.500	V[15]
G	28	725.169	421.989	417.985	418.237	417.733	G[14]
R	29	764.181	389.734	385.729	385.981	385.477	R[13]
V	30	788.958	368.709	364.704	364.956	364.452	V[12]
H	31	823.223	343.942	339.937	340.189	339.685	H[11]
R	32	862.248	309.677	305.672	305.924	305.420	R[10]
L	33	890.519	270.652	266.647	266.899	266.395	L[9]
L	34	918.989	242.381	238.376	238.628	238.124	L[8]
R	35	957.815	214.110	210.105	210.357	209.853	R[7]
K	36	989.839	175.084	171.079	171.331	170.827	K[6]
G	37	1004.094	143.061	139.056	139.308	138.804	G[5]
N	38	1032.605	128.805	124.800	125.052	124.548	N[4]
Y	39	1073.371	100.294	96.289	96.541	96.037	Y[3]
S	40	1095.139	99.529	95.524	95.776	95.272	S[2]
E	41	1127.390	97.771	93.766	94.018	93.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

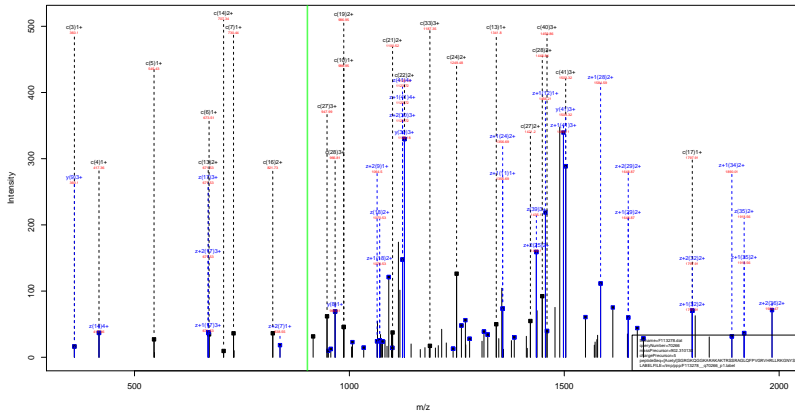
[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=44.62
- ▶ F113278.dat
- ▶ query=q70259_p1
- ▶ precursor=752.092530
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S 1	30.221	902.310	899.106	0.806	898.905	S 41
G 2	41.625	876.501	873.298	0.806	873.095	G 40
R 3	72.846	805.097	801.893	062.095	801.692	R 39
G 4	84.250	833.877	830.673	830.875	830.472	G 38
K 5	109.869	822.473	819.269	819.470	819.067	K 37
Q 6	135.481	796.854	793.650	793.851	793.448	Q 36
G 7	146.685	771.242	768.038	768.240	767.837	G 35
G 8	158.289	759.838	756.634	756.835	756.432	G 34
K 9	183.908	748.833	745.230	745.431	745.028	K 33
A 10	198.116	722.814	719.611	719.812	719.409	A 32
R 11	229.336	708.607	705.403	705.605	705.202	R 31
A 12	243.543	677.387	674.183	674.385	673.981	A 30
K 13	269.162	663.179	659.976	660.177	659.774	K 29
A 14	283.370	637.960	634.357	634.559	634.155	A 28
K 15	308.989	623.753	620.149	620.351	619.948	K 27
T 16	329.198	597.734	594.530	594.732	594.329	T 26
R 17	360.418	577.524	574.321	574.522	574.119	R 25
S 18	377.825	546.304	543.100	543.302	542.899	S 24
S 19	399.231	538.898	529.694	529.896	529.492	S 23
R 20	426.451	511.491	508.288	508.489	508.086	R 22
A 21	440.659	480.271	477.067	477.269	476.866	A 21
G 22	452.063	466.064	462.860	463.061	462.658	G 20
L 23	474.680	494.659	451.456	451.657	451.254	L 19
Q 24	500.292	432.043	428.839	429.040	428.637	Q 18
F 25	529.705	406.831	403.227	403.429	403.026	F 17
P 26	549.116	377.017	373.813	374.015	373.612	P 16
V 27	568.530	357.807	354.403	354.604	354.201	V 15
G 28	589.334	337.793	334.389	334.791	334.388	G 14
R 29	611.554	326.389	323.185	323.386	322.983	R 13
V 30	631.368	295.168	291.965	292.166	291.763	V 12
H 31	658.780	275.355	272.151	272.353	271.949	H 11
R 32	690.000	247.943	244.739	244.941	244.538	R 10
L 33	712.617	216.723	213.519	213.721	213.317	L 9
L 34	735.233	194.109	190.902	191.104	190.701	L 8
R 35	766.454	171.489	168.283	168.487	168.084	R 7
K 36	782.273	140.269	137.065	137.267	136.864	K 6
G 37	803.877	114.650	111.446	111.648	111.245	G 5
N 38	826.286	103.240	100.042	100.243	99.840	N 4
V 39	858.898	80.437	77.233	77.435	77.032	V 3
S 40	876.305	47.824	44.621	44.822	44.419	S 2
E 41	902.113	30.418	27.214	27.416	27.013	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYS



sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.76
- ▶ F113278.dat
- ▶ query=q70266.p1
- ▶ precursor=902.310130
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.676	4507.521	4491.502	0.000	4490.494	S 41
G 2	304.098	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.270	4165.355	4149.337	4150.345	4148.329	G 38
K 5	545.315	4108.334	4092.315	4093.323	4091.307	K 37
Q 6	673.174	3989.239	3974.220	3985.228	3983.212	Q 36
G 7	730.395	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.650	3536.005	3522.987	3523.995	3521.979	R 31
A 12	1213.697	3382.904	3366.886	3367.893	3366.878	A 30
R 13	1341.782	3311.867	3295.848	3296.856	3294.841	R 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1798.063	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1865.909	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.127	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2128.228	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.265	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2286.287	2426.289	2410.270	2411.278	2409.263	G 20
L 23	2369.371	2369.268	2353.249	2354.257	2352.241	L 19
Q 24	2497.429	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2644.698	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2741.551	1881.057	1865.038	1866.046	1864.031	P 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.742	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3153.810	1419.833	1455.794	1456.802	1454.785	V 12
H 31	3289.869	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.500	950.482	951.489	949.474	L 8
R 35	3828.239	853.416	837.398	838.405	836.390	R 7
K 36	3956.314	697.315	681.296	682.304	680.289	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.100	497.108	495.172	N 4
V 39	4290.462	396.156	380.137	381.145	381.129	V 3
S 40	4377.494	235.092	219.074	220.082	218.066	S 2
E 41	4506.537	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.76
- ▶ F113278.dat
- ▶ query=q70266.p1
- ▶ precursor=902.310130
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	2754.364	2246.255	0.504	2245.751	S 41
G 2	102.563	2189.743	2181.731	0.504	2181.229	G 40
R 3	180.603	2161.732	2153.223	2153.726	2152.719	R 39
G 4	209.114	2083.181	2075.172	2075.676	2074.669	G 38
K 5	273.161	2054.671	2046.661	2047.165	2046.157	K 37
Q 6	337.193	2026.623	1982.611	1983.118	1982.111	Q 36
G 7	365.701	2026.584	1918.584		1918.081	G 35
G 8	394.212	1898.083	1890.074	1890.578	1889.570	G 34
K 9	458.260	1869.672	1861.663	1862.067	1861.059	K 33
A 10	493.778	1805.625	1797.516	1798.019	1797.012	A 32
R 11	571.829	1770.096	1762.087	1762.591	1761.480	R 31
A 12	607.347	1693.956	1683.946	1684.450	1683.443	A 30
R 13	671.395	1656.437	1648.428	1648.932	1647.925	R 29
A 14	706.913	1592.390	1584.380	1584.884	1583.878	A 28
K 15	770.961	1556.671	1548.662	1549.366	1548.359	K 27
T 16	821.485	1492.824	1484.814	1485.318	1484.310	T 26
R 17	899.535	1442.300	1434.289	1434.794	1433.787	R 25
S 18	983.053	1394.249	1356.240	1356.744	1355.738	S 24
S 19	986.567	1320.733	1312.724	1313.228	1312.220	S 23
R 20	1064.618	1277.217	1269.208	1269.712	1268.704	R 22
A 21	1100.136	1199.067	1191.157	1191.661	1190.653	A 21
G 22	1128.647	1163.648	1155.639	1156.143	1155.135	G 20
L 23	1155.799	1136.137	1127.128	1127.632	1126.625	L 19
Q 24	1249.218	1078.595	1070.586	1071.090	1070.082	Q 19
F 25	1222.753	1014.568	1006.557	1007.061	1006.055	F 17
P 26	1371.279	941.032	933.023	933.526	932.519	P 16
V 27	1420.813	892.506	884.496	885.000	883.992	V 15
G 28	1449.324	842.671	834.662	835.166	834.159	G 14
R 29	1527.274	814.403	806.403	806.906	805.899	R 13
V 30	1578.969	738.410	729.401	729.905	727.897	V 12
H 31	1645.438	688.878	679.869	679.373	678.365	H 11
R 32	1723.489	618.346	610.337	610.841	609.833	R 10
L 33	1780.031	540.290	532.280	532.784	531.777	L 9
L 34	1836.573	483.754	475.744	476.248	475.241	L 8
T 35	1814.623	427.212	419.203	419.706	418.699	T 7
K 36	1978.671	349.161	341.152	341.656	340.649	K 6
G 37	2007.181	285.114	277.104	277.608	276.600	G 5
N 38	2064.203	256.603	248.594	249.098	248.090	N 4
V 39	2145.735	199.582	191.573	192.076	191.069	V 3
S 40	2189.251	118.050	110.041	110.544	109.537	S 2
E 41	2253.772	74.534	66.525	67.028	66.021	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
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- ▶ F113278.dat
- ▶ query=q70266.p1
- ▶ precursor=902.310130
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	49.697	1503.178	1497.839	0.872	2497.567	S(4)
G	2	66.704	1460.164	1454.525	0.872	1454.480	G(4)
R	3	130.738	1441.157	1435.817	1436.153	1435.482	R(3)
G	4	139.745	1389.123	1383.784	1384.120	1383.448	G(3)
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K(3)
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G(3)
G	7	264.137	1284.733	1279.392	1279.728	1279.056	G(3)
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G(3)
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K(3)
A	10	329.521	1204.019	1198.079	1199.015	1198.344	A(3)
R	11	381.555	1180.340	1175.000	1175.336	1174.664	R(3)
A	12	405.234	1128.306	1122.967	1123.302	1122.631	A(3)
K	13	447.932	1104.627	1099.288	1099.624	1099.952	K(3)
A	14	491.611	1081.929	1056.589	1056.925	1056.251	A(3)
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K(3)
T	16	547.602	995.552	990.212	990.548	989.870	T(3)
R	17	600.626	981.869	956.529	956.865	956.193	R(3)
S	18	629.019	959.835	944.495	944.831	944.160	S(3)
S	19	658.047	980.825	875.485	875.821	875.149	S(3)
R	20	710.081	951.814	846.474	846.810	846.138	R(3)
A	21	733.760	799.780	794.441	794.777	794.105	A(3)
G	22	752.767	776.101	770.762	771.098	770.426	G(3)
L	23	780.482	759.094	753.754	754.090	753.418	L(3)
Q	24	833.148	733.366	714.000	714.336	713.664	Q(3)
F	25	882.171	676.713	671.374	671.710	671.038	F(1)
F	26	914.552	627.600	622.261	622.597	621.925	F(1)
V	27	947.545	595.139	590.000	590.336	589.664	V(1)
G	28	966.552	562.317	556.977	557.313	556.641	G(1)
R	29	1013.559	543.309	537.970	538.306	537.634	R(1)
V	30	1051.608	490.276	485.038	485.374	484.702	V(1)
H	31	1097.204	458.253	452.913	453.249	452.577	H(1)
R	32	1189.328	412.567	407.227	407.563	406.891	R(1)
L	33	1187.023	360.533	355.193	355.529	354.857	L(1)
L	34	1254.718	322.574	317.234	317.570	316.898	L(1)
R	35	1276.751	285.144	279.804	280.140	279.468	R(1)
K	36	1319.450	233.110	227.770	228.106	227.434	K(1)
G	37	1338.457	190.412	185.072	185.408	184.736	G(1)
N	38	1376.471	171.404	166.064	166.401	165.729	N(1)
V	39	1430.524	133.390	128.051	128.387	127.715	V(1)
S	40	1459.836	99.136	93.796	94.132	93.460	S(1)
E	41	1502.850	50.025	44.685	45.021	44.349	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

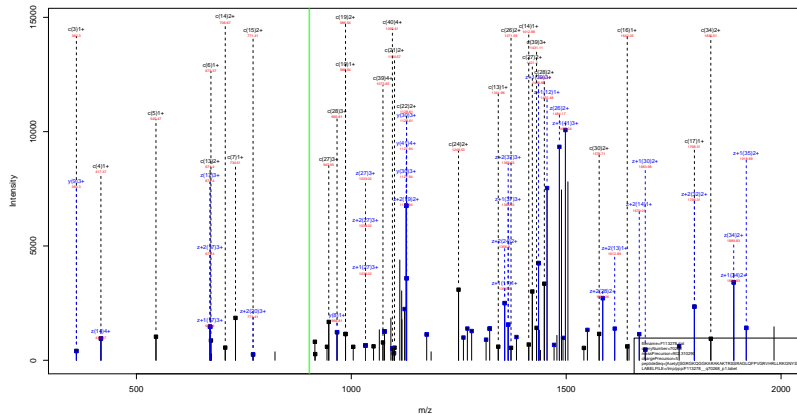
[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=49.76
- ▶ F113278.dat
- ▶ query=q70266.p1
- ▶ precursor=902.310130
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	57.535	1127.636	1123.631	0.755	1123.379	S 41
G 2	51.780	1095.375	1091.370	0.755	1091.118	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.863	R 39
G 4	105.061	1042.094	1039.090	1038.342	1037.839	G 38
K 5	137.004	1027.839	1024.834	1024.206	1023.562	K 37
G 6	169.099	995.515	991.511	992.062	991.559	G 36
G 7	183.354	963.801	959.796	960.048	959.544	G 35
G 8	197.610	949.545	945.541	945.792	945.289	G 34
K 9	229.633	935.290	931.285	931.537	931.033	K 33
A 10	247.393	903.266	899.261	899.513	899.009	A 32
R 11	286.418	885.507	881.502	881.754	881.250	R 31
A 12	304.177	849.682	842.477	843.229	842.725	A 30
R 13	336.201	828.122	824.718	824.970	824.466	R 29
A 14	353.040	796.699	792.694	792.946	792.442	A 28
K 15	365.984	778.939	774.935	775.187	774.683	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.654	717.649	717.901	717.397	R 25
S 18	472.029	682.629	678.624	678.876	678.372	S 24
S 19	483.787	660.570	656.565	657.118	656.614	S 23
R 20	532.813	639.112	635.108	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.328	578.323	578.575	578.071	G 20
L 23	593.098	568.072	564.068	564.320	563.816	L 19
G 24	625.113	539.801	535.797	536.049	535.545	G 18
F 25	661.880	507.787	503.782	504.034	503.530	F 17
F 26	686.143	471.020	467.015	467.267	466.763	F 16
V 27	710.910	446.756	442.752	443.004	442.500	V 15
G 28	725.105	421.989	417.985	418.237	417.733	G 14
R 29	764.191	407.734	403.729	403.981	403.477	R 13
V 30	783.958	386.709	384.704	384.956	384.452	V 12
H 31	823.223	343.942	339.937	340.189	339.685	H 11
R 32	882.248	309.677	305.672	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.790	242.301	238.296	238.548	238.044	L 8
R 35	967.815	214.110	210.105	210.357	209.853	R 7
K 36	989.839	175.084	171.079	171.331	170.827	K 6
G 37	1004.094	143.063	139.058	139.310	138.806	G 5
N 38	1032.605	128.805	124.800	125.052	124.548	N 4
V 39	1073.571	100.294	96.290	96.542	96.038	V 3
S 40	1095.129	59.529	55.524	55.776	55.272	S 2
E 41	1127.390	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS



sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.36
- ▶ F113278.dat
- ▶ query=q70268.p1
- ▶ precursor=902.310290
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4507.921	4491.502	0.000	4490.484	S 41
G 2	204.068	4378.478	4362.459	0.000	4361.451	G 40
R 3	300.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.220	4185.355	4149.317	4150.345	4148.329	G 38
K 5	545.315	4108.334	4062.315	4091.321	4091.307	K 37
Q 6	673.374	3989.215	3964.200	3956.228	3963.211	Q 36
G 7	730.395	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.650	3539.005	3522.987	3523.995	3521.979	R 31
A 12	1213.687	3382.904	3368.886	3367.893	3366.877	A 30
R 13	1341.782	3311.887	3295.848	3296.856	3294.841	R 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1798.063	2881.562	2867.574	2868.582	2866.566	R 25
S 18	1885.959	2727.491	2713.473	2712.480	2710.465	S 24
S 19	1972.127	2640.459	2624.441	2625.448	2623.433	S 23
R 20	2138.228	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.205	2397.326	2381.307	2382.315	2380.300	A 21
G 22	2256.287	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2309.271	2209.268	2203.249	2204.257	2202.241	L 19
Q 24	3007.429	2156.184	2140.165	2141.173	2139.157	Q 19
F 25	3044.498	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2741.951	1881.057	1865.038	1866.046	1864.030	P 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.742	1527.814	1511.795	1612.903	1510.780	R 13
V 30	3152.810	1471.813	1455.794	1456.802	1454.786	V 12
H 31	3289.869	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.500	950.482	951.489	949.474	L 8
T 35	3838.239	853.418	837.399	838.406	836.390	T 7
K 36	3956.334	697.315	681.296	682.304	680.289	K 6
G 37	4013.366	649.220	633.201	634.209	632.194	G 5
N 38	4127.399	612.109	496.180	497.188	495.172	N 4
V 39	4290.462	398.159	382.139	383.145	381.129	V 3
S 40	4377.494	235.062	219.074	220.082	218.066	S 2
E 41	4406.537	148.006	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.36
- ▶ F113278.dat
- ▶ query=q70268.p1
- ▶ precursor=902.310290
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2054.204	2266.205	8.804	2245.78	S[1]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[2]
R	3	180.603	2161.232	2153.233	2153.236	2152.710	R[3]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[4]
K	5	273.181	2054.671	2046.681	2047.105	2046.157	K[5]
G	6	337.194	1990.621	1992.622	1993.126	1992.110	G[6]
G	7	385.703	1936.594	1918.584	1918.088	1919.081	G[7]
G	8	394.212	1898.081	1890.074	1890.578	1889.570	G[8]
K	9	458.260	1869.572	1861.563	1862.067	1861.050	K[9]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[10]
R	11	571.829	1770.008	1762.007	1762.501	1761.493	R[11]
A	12	607.937	1692.956	1683.946	1684.450	1683.443	A[12]
K	13	671.395	1656.437	1648.428	1648.932	1647.924	K[13]
A	14	706.913	1592.900	1584.890	1584.884	1583.876	A[14]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[15]
T	16	821.405	1492.824	1484.814	1485.318	1484.310	T[16]
R	17	869.529	1442.802	1434.793	1435.296	1434.287	R[17]
S	18	943.051	1364.249	1356.240	1356.744	1355.736	S[18]
S	19	986.567	1320.733	1312.724	1313.228	1312.220	S[19]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[20]
A	21	1100.136	1199.163	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1153.648	1145.639	1146.143	1145.135	G[22]
L	23	1155.739	1138.137	1127.128	1127.632	1126.624	L[23]
Q	24	1249.218	1073.595	1070.586	1071.090	1070.082	Q[24]
F	25	1322.753	1014.566	1006.557	1007.061	1006.053	F[25]
F	26	1371.279	941.033	933.023	933.526	932.518	F[26]
V	27	1420.813	892.500	884.496	885.000	883.992	V[27]
G	28	1449.324	842.971	834.962	835.466	834.458	G[28]
R	29	1527.814	814.461	806.451	806.955	805.947	R[29]
V	30	1576.909	736.410	728.401	728.905	727.897	V[30]
H	31	1645.438	688.876	678.866	679.370	678.363	H[31]
R	32	1723.489	618.346	610.337	610.841	609.833	R[32]
L	33	1760.031	540.206	532.196	532.700	531.693	L[33]
L	34	1836.573	483.754	475.743	476.246	475.240	L[34]
R	35	1914.623	427.212	419.202	419.706	418.698	R[35]
K	36	1978.671	349.161	341.152	341.656	340.648	K[36]
G	37	2067.181	285.114	277.104	277.608	276.600	G[37]
N	38	2094.203	256.603	248.594	249.098	248.090	N[38]
V	39	2145.736	199.562	191.552	192.056	191.048	V[39]
S	40	2189.251	118.056	110.047	110.551	109.543	S[40]
E	41	2253.772	74.534	66.524	67.028	66.021	E[41]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=57.36
- ▶ F113278.dat
- ▶ query=q70268.p1
- ▶ precursor=902.310290
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	48.607	1502.114	1497.839	0.872	2497.567	S[41]
G	2	86.704	1460.184	1454.525	0.672	1454.480	G[40]
R	3	130.718	1441.157	1435.817	1430.153	1435.482	R[39]
G	4	139.745	1389.123	1383.784	1384.120	1383.440	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.733	1279.392	1278.728	1278.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.842	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.079	1199.015	1198.344	A[32]
R	11	381.555	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.206	1123.067	1123.003	1122.331	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1098.952	K[29]
A	14	491.611	1081.029	1076.589	1076.625	1076.251	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.870	T[26]
R	17	600.626	981.869	976.529	976.865	976.187	R[25]
S	18	629.017	959.835	954.495	954.832	954.160	S[24]
S	19	658.047	980.825	875.485	875.821	875.149	S[23]
R	20	710.081	951.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.105	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	780.482	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	739.305	734.000	734.366	733.721	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.351	622.687	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1015.559	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	490.275	485.036	486.272	485.600	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1234.718	322.876	317.489	317.825	317.153	L[8]
R	35	1276.751	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1378.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.390	128.051	128.386	127.715	V[3]
S	40	1459.819	98.136	93.000	93.336	92.664	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=57.36
- ▶ F113278.dat
- ▶ query=q70268.p1
- ▶ precursor=902.310290
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	p	#s1	#s2	z	AA	
S	1	37.505	1127.636	1123.631	0.708	1123.371	S[41]
G	2	51.780	1095.375	1091.370	0.795	1091.110	G[40]
R	3	90.805	1081.120	1077.115	1077.367	1076.863	R[39]
G	4	109.001	1042.094	1038.090	1038.342	1037.839	G[38]
K	5	137.084	1027.839	1023.834	1024.086	1023.583	K[37]
G	6	169.099	995.915	991.911	992.062	991.559	G[36]
G	7	183.354	963.801	959.796	960.048	959.545	G[35]
G	8	197.610	949.545	945.541	945.792	945.289	G[34]
K	9	239.633	935.290	931.285	931.537	931.033	K[33]
A	10	247.393	903.266	899.261	899.513	899.010	A[32]
R	11	286.418	895.507	891.502	891.754	891.250	R[31]
A	12	304.177	864.848	860.843	861.095	860.592	A[30]
K	13	336.201	828.722	824.718	824.970	824.466	K[29]
A	14	353.960	796.699	792.694	792.946	792.442	A[28]
K	15	385.984	778.939	774.935	775.187	774.683	K[27]
T	16	411.246	746.915	742.911	743.163	742.659	T[26]
R	17	459.271	721.954	717.949	718.201	717.697	R[25]
S	18	472.029	692.629	688.624	688.876	688.372	S[24]
S	19	493.787	660.670	656.666	656.918	656.414	S[23]
R	20	532.813	638.112	634.108	634.360	633.856	R[22]
A	21	539.572	600.087	596.082	596.334	595.830	A[21]
G	22	564.827	582.328	578.323	578.575	578.071	G[20]
L	23	593.098	568.072	564.068	564.320	563.816	L[19]
Q	24	625.113	539.801	535.797	536.049	535.545	Q[18]
F	25	661.880	507.787	503.782	504.034	503.530	F[17]
P	26	698.143	471.020	467.015	467.267	466.763	P[16]
V	27	710.910	446.756	442.752	443.004	442.500	V[15]
G	28	725.169	421.989	417.985	418.237	417.733	G[14]
R	29	764.181	389.734	385.729	385.981	385.477	R[13]
V	30	788.958	368.709	364.704	364.956	364.452	V[12]
H	31	823.223	343.942	339.937	340.189	339.685	H[11]
R	32	862.248	309.677	305.672	305.924	305.420	R[10]
L	33	890.519	270.652	266.647	266.899	266.395	L[9]
L	34	918.369	242.361	238.356	238.608	238.104	L[8]
R	35	937.815	214.110	210.105	210.357	209.853	R[7]
K	36	989.839	175.084	171.079	171.331	170.827	K[6]
G	37	1004.094	143.061	139.056	139.308	138.804	G[5]
N	38	1032.605	128.805	124.800	125.052	124.548	N[4]
V	39	1073.371	100.294	96.289	96.541	96.037	V[3]
S	40	1095.129	99.529	95.524	95.776	95.272	S[2]
E	41	1127.390	97.771	93.766	94.018	93.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.18
- ▶ F113278.dat
- ▶ query=q70271.p1
- ▶ precursor=644.795160
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	4507.521	4491.502	0.000	4490.494	S[41]
G[2]	204.098	4378.478	4362.459	0.000	4361.451	G[40]
R[3]	360.199	4321.457	4305.438	4306.446	4304.430	R[39]
C[4]	417.220	4185.355	4148.337	4150.345	4148.329	C[38]
K[5]	545.315	4108.334	4092.315	4093.323	4091.305	K[37]
Q[6]	673.374	3989.239	3954.220	3955.228	3953.212	Q[36]
G[7]	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G[8]	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K[9]	915.512	3738.138	3722.119	3723.127	3721.111	K[33]
A[10]	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R[11]	1142.550	3539.955	3523.936	3524.944	3522.928	R[31]
A[12]	1213.607	3382.904	3366.885	3367.893	3365.877	A[30]
K[13]	1341.762	3311.967	3295.948	3296.956	3294.941	K[29]
A[14]	1412.819	3183.972	3167.954	3168.961	3166.946	A[28]
K[15]	1540.914	3112.935	3096.916	3097.924	3095.909	K[27]
T[16]	1641.962	2984.940	2968.921	2969.929	2967.914	T[26]
K[17]	1798.063	2883.922	2867.904	2868.912	2866.896	K[25]
S[18]	1885.958	2727.893	2711.875	2712.883	2710.868	S[24]
S[19]	1972.127	2648.859	2632.841	2633.848	2631.833	S[23]
R[20]	2128.228	2563.827	2547.809	2548.816	2546.801	R[22]
A[21]	2199.265	2397.826	2381.807	2382.815	2380.800	A[21]
G[22]	2256.287	2326.789	2310.770	2311.778	2309.763	G[20]
L[23]	2369.371	2269.768	2253.749	2254.757	2252.741	L[19]
Q[24]	2497.429	2126.784	2110.765	2111.773	2109.757	Q[18]
F[25]	2644.488	2028.725	2012.706	2013.714	2011.699	F[17]
P[26]	2741.551	1881.657	1865.638	1866.646	1864.630	P[16]
V[27]	2840.619	1784.604	1768.585	1769.593	1767.577	V[15]
G[28]	2897.641	1684.535	1668.517	1669.524	1667.509	G[14]
R[29]	3053.742	1627.914	1611.895	1612.903	1610.887	R[13]
V[30]	3152.810	1471.813	1455.794		1454.786	V[12]
I[31]	3269.869	1372.744	1356.725	1357.734	1355.718	I[11]
R[32]	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L[33]	3550.054	1079.584	1063.566	1064.573	1062.558	L[9]
L[34]	3672.118	966.500	950.482	951.489	949.474	L[8]
R[35]	3828.219	853.416	837.398	838.405	836.390	R[7]
K[36]	3956.314	697.315	681.296	682.304	680.289	K[6]
C[37]	4013.358	569.220	553.201	554.209	552.194	C[5]
N[38]	4127.399	512.199	496.180	497.188	495.172	N[4]
V[39]	4290.462	398.156	382.137	383.145	381.129	V[3]
S[40]	4377.494	235.062	219.074	220.082	218.066	S[2]
E[41]	4506.537	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.18
- ▶ F113278.dat
- ▶ query=q70271.p1
- ▶ precursor=644.795160
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	#s1	#s2	c	AA
S	74.062	2054.264	2266.255	0.804	2245.781	S[41]
G	102.553	2189.743	2381.733	0.904	2181.220	G[40]
R	180.603	2641.232	2153.233	2153.236	2152.710	R[39]
G	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
G	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	385.703	1706.594	1619.584	1619.888	1618.981	G[35]
G	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	607.347	1692.959	1684.949	1685.453	1684.444	A[30]
K	671.395	1656.437	1648.428	1648.932	1647.924	K[29]
A	706.913	1592.900	1584.890	1585.394	1584.386	A[28]
K	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	899.535	1442.800	1434.791	1434.794	1433.787	R[25]
S	933.674	1384.249	1376.240	1376.744	1375.736	S[24]
S	986.567	1320.733	1312.724	1313.228	1312.220	S[23]
R	1084.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	1128.647	1153.648	1145.639	1146.143	1145.135	G[20]
R	1183.709	1116.137	1108.128	1107.632	1106.624	R[19]
Q	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	1322.753	1014.569	1006.557	1007.061	1006.053	F[17]
F	1371.279	941.053	933.043	933.526	932.519	F[16]
V	1420.811	892.506	884.496	885.000	884.992	V[15]
G	1489.324	842.971	834.962	835.466	834.458	G[14]
R	1572.834	814.441	806.451	806.955	805.947	R[13]
V	1576.909	736.410	728.401	728.905	727.897	V[12]
H	1645.438	688.876	678.866	679.370	678.363	H[11]
R	1723.489	618.346	610.337	610.841	609.833	R[10]
L	1780.031	540.206	532.196	532.700	531.693	L[9]
L	1838.573	489.794	479.783	479.286	478.279	L[8]
R	1914.623	427.212	419.202	419.706	418.698	R[7]
K	1978.671	349.161	341.152	341.656	340.648	K[6]
G	2067.181	285.114	277.104	277.608	276.600	G[5]
N	2094.203	256.603	248.594	249.098	248.090	N[4]
V	2145.736	199.562	191.552	192.056	191.048	V[3]
S	2189.261	118.056	110.047	110.551	109.543	S[2]
E	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.18
- ▶ F113278.dat
- ▶ query=q70271.p1
- ▶ precursor=644.795160
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1503.175	1497.830	0.672	1497.503	S 41
G 2	68.704	1460.164	1454.825	0.672	1454.498	G 40
R 3	130.738	1441.157	1435.817	1436.151	1435.482	R 39
G 4	139.745	1389.123	1383.784	1384.120	1383.449	G 38
K 5	182.443	1370.116	1364.777	1365.113	1364.441	K 37
Q 6	235.780	1327.418	1322.078	1322.414	1321.741	Q 36
G 7	244.137	1284.732	1279.725	1279.725	1279.056	G 35
G 8	263.144	1265.725	1260.718	1260.721	1260.049	G 34
K 9	305.842	1246.717	1241.378	1241.714	1241.041	K 33
A 10	329.521	1224.019	1198.679	1199.015	1198.344	A 32
R 11	381.555	1189.240	1175.000	1175.336	1174.664	R 31
A 12	409.234	1128.308	1123.667	1123.303	1122.931	A 30
R 13	447.932	1104.627	1099.288	1099.624	1098.952	R 29
A 14	471.611	1061.929	1056.589	1056.925	1056.251	A 28
K 15	514.310	1038.250	1032.910	1033.246	1032.574	K 27
T 16	547.992	995.552	990.212	990.548	989.878	T 26
R 17	600.626	961.866	956.529	956.865	956.193	R 25
S 18	629.019	909.839	904.498	904.835	904.166	S 24
S 19	658.047	880.825	875.485	875.821	875.149	S 23
R 20	710.081	851.814	846.474	846.810	846.138	R 22
A 21	724.706	799.789	794.441	794.777	794.105	A 21
G 22	752.767	778.101	772.762	771.098	770.426	G 20
L 23	790.462	757.094	751.754	752.090	751.419	L 19
Q 24	833.148	730.599	714.060	714.396	713.724	Q 19
F 25	882.171	676.713	671.374	671.710	671.038	F 17
P 26	914.592	627.660	622.321	622.667	622.015	P 16
V 27	967.545	595.339	590.000	590.336	589.664	V 15
G 28	966.552	562.317	556.977	557.313	556.641	G 14
R 29	1013.585	543.305	537.970	538.306	537.634	R 13
V 30	1051.608	491.276	485.936	486.272	485.601	V 12
H 31	1097.294	458.253	452.913	453.249	452.577	H 11
R 32	1149.328	412.567	407.227	407.563	406.891	R 10
L 33	1187.623	360.533	355.193	355.529	354.857	L 9
L 34	1224.718	322.856	317.499	317.835	317.163	L 8
R 35	1276.751	285.144	279.804	280.140	279.468	R 7
R 36	1319.450	233.110	227.770	228.105	227.433	R 6
G 37	1338.467	190.412	185.072	185.408	184.736	G 5
N 38	1376.471	171.404	166.065	166.401	165.729	N 4
V 39	1430.826	133.390	128.051	128.387	127.715	V 3
S 40	1459.836	79.036	73.696	74.032	73.360	S 2
E 41	1502.850	50.025	44.685	45.021	44.349	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.18
- ▶ F113278.dat
- ▶ query=q70271.p1
- ▶ precursor=644.795160
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.535	1127.636	1123.631	0.765	1123.379	G 41
G 2	51.780	1096.375	1091.370	0.795	1091.118	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.861	R 39
G 4	105.061	1042.094	1038.090	1038.342	1037.839	G 38
K 5	137.054	1027.839	1023.834	1024.086	1023.583	K 37
Q 6	169.059	998.815	991.811	992.062	991.559	Q 36
G 7	353.354	953.803	955.796	960.048	959.545	G 35
G 8	197.810	949.545	945.541	945.792	945.289	G 34
K 9	229.633	935.290	931.285	931.537	931.031	K 33
A 10	247.393	903.266	899.261	899.513	899.009	A 32
R 11	286.418	885.507	881.502	881.754	881.250	R 31
A 12	308.117	846.482	842.477	842.729	842.225	A 30
R 13	336.201	828.722	824.718	824.970	824.466	R 29
A 14	353.900	796.699	792.694	792.946	792.442	A 28
K 15	385.964	778.939	774.935	775.187	774.681	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.694	717.690	717.941	717.438	R 25
S 18	472.009	692.828	688.824	689.076	688.572	S 24
S 19	483.787	660.870	656.866	657.118	656.614	S 23
R 20	512.815	639.112	635.108	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.126	578.121	578.373	577.870	G 20
L 23	593.098	566.072	562.068	562.320	561.816	L 19
Q 24	625.113	539.803	535.797	536.049	535.545	Q 19
F 25	661.688	507.787	503.782	504.034	503.530	F 17
F 26	686.143	471.020	467.015	467.267	466.761	F 16
V 27	710.910	446.756	442.752	443.004	442.500	V 15
G 28	725.166	421.989	417.985	418.237	417.733	G 14
R 29	758.193	407.734	403.729	403.981	403.477	R 13
V 30	788.958	368.709	364.704	364.956	364.452	V 12
H 31	823.223	343.942	339.937	340.189	339.685	H 11
R 32	862.248	309.677	305.672	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.790	242.381	238.376	238.628	238.124	L 8
R 35	967.815	214.110	210.105	210.357	209.851	R 7
R 36	989.839	175.084	171.080	171.332	170.828	R 6
G 37	1004.094	143.061	139.056	139.308	138.804	G 5
N 38	1032.605	128.805	124.800	125.052	124.548	N 4
V 39	1073.371	100.294	96.290	96.542	96.038	V 3
S 40	1095.129	59.529	55.524	55.776	55.272	S 2
E 41	1127.380	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.18
- ▶ F113278.dat
- ▶ query=q70271.p1
- ▶ precursor=644.795160
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	902.310	899.108	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.838	756.634	756.835	756.432	G[34]
K[9]	183.908	748.433	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.336	708.607	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	528.898	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.530	357.607	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.589	334.791	334.388	G[14]
R[29]	611.554	326.389	323.185	323.386	322.983	R[13]
V[30]	631.368	295.168	291.965	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.109	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.283	168.487	168.084	R[7]
K[36]	782.273	140.269	137.065	137.267	136.864	K[6]
G[37]	803.477	114.650	111.446	111.648	111.245	G[5]
N[38]	826.286	103.246	100.042	100.243	99.840	N[4]
V[39]	858.898	80.437	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=40.18
- ▶ F113278.dat
- ▶ query=q70271.p1
- ▶ precursor=644.795160
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	25.362	752.093	749.423	0.839	749.255	S[41]
G[2]	34.856	730.586	727.916	0.839	727.748	G[40]
R[3]	60.873	721.082	718.412	718.580	718.244	R[39]
G[4]	70.376	695.065	692.396	692.563	692.228	G[38]
K[5]	91.725	685.562	682.892	683.060	682.724	K[37]
G[6]	113.668	668.213	665.543	665.711	665.375	G[36]
G[7]	122.572	642.869	640.200	640.368	640.032	G[35]
G[8]	132.076	633.366	630.696	630.864	630.528	G[34]
K[9]	153.425	623.862	621.193	621.360	621.025	K[33]
A[10]	165.364	602.513	599.843	600.011	599.675	A[32]
R[11]	191.281	590.674	588.004	588.172	587.836	R[31]
A[12]	203.121	564.657	561.987	562.155	561.819	A[30]
K[13]	224.470	552.817	550.147	550.315	549.980	K[29]
A[14]	236.309	531.468	528.798	528.966	528.630	A[28]
K[15]	257.658	519.629	516.959	517.127	516.791	K[27]
T[16]	274.500	498.279	495.610	495.778	495.442	T[26]
R[17]	300.517	481.438	478.768	478.936	478.600	R[25]
S[18]	315.022	455.421	452.752	452.919	452.584	S[24]
S[19]	329.527	440.916	438.246	438.414	438.078	S[23]
R[20]	355.544	426.411	423.741	423.909	423.573	R[22]
A[21]	367.384	400.394	397.724	397.892	397.556	A[21]
G[22]	376.887	388.554	385.884	386.052	385.716	G[20]
L[23]	395.735	379.051	376.381	376.549	376.213	L[19]
Q[24]	417.078	360.203	357.534	357.702	357.366	Q[18]
F[25]	441.589	338.880	336.190	336.358	336.022	F[17]
P[26]	457.765	314.349	311.679	311.847	311.511	P[16]
V[27]	474.276	298.173	295.504	295.672	295.336	V[15]
G[28]	483.779	281.662	278.992	279.160	278.824	G[14]
R[29]	509.796	272.158	269.489	269.657	269.321	R[13]
V[30]	526.308	246.147	243.472	243.640	243.304	V[12]
H[31]	549.151	229.638	226.968	227.136	226.800	H[11]
R[32]	578.188	206.787	204.117	204.285	203.949	R[10]
L[33]	594.015	180.770	178.100	178.268	177.932	L[9]
L[34]	612.862	161.923	159.253	159.421	159.085	L[8]
R[35]	638.879	143.075	140.406	140.574	140.238	R[7]
K[36]	660.228	117.059	114.389	114.557	114.221	K[6]
G[37]	669.732	95.709	93.040	93.208	92.872	G[5]
N[38]	688.739	86.206	83.536	83.704	83.368	N[4]
Y[39]	715.916	67.190	64.529	64.697	64.361	Y[3]
S[40]	736.422	40.021	37.352	37.520	37.184	S[2]
E[41]	751.929	25.516	22.846	23.014	22.678	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.21
- ▶ F113278.dat
- ▶ query=q70273.p1
- ▶ precursor=752.093170
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.521	4491.502	0.000	4400.494	S[41]
G	2	204.098	4378.478	4362.459	0.000	4361.451	G[46]
R	3	360.199	4321.457	4305.438	4306.446	4304.430	R[39]
C	4	417.220	4185.355	4149.337	4150.345	4148.329	C[38]
K	5	545.315	4108.134	4092.115	4093.123	4091.307	K[17]
Q	6	673.374	3980.239	3954.220	3955.228	3953.212	Q[36]
G	7	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.139	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.955	3523.936	3524.944	3522.928	R[31]
A	12	1213.667	3382.904	3366.885	3367.893	3365.877	A[30]
K	13	1341.782	3311.867	3295.848	3296.856	3294.841	K[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
K	17	1798.063	2883.592	2867.574	2868.582	2866.566	K[25]
S	18	1885.095	2727.493	2711.473	2712.480	2710.465	S[24]
S	19	1972.127	2648.459	2632.441	2633.448	2631.433	S[23]
R	20	2128.228	2563.427	2547.409	2548.416	2546.401	R[22]
A	21	2199.265	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2256.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2369.371	2269.268	2253.249	2254.257	2252.241	L[19]
Q	24	2497.459	2126.184	2110.165	2111.173	2109.157	Q[18]
F	25	2644.498	2028.125	2012.106	2013.114	2011.098	F[17]
P	26	2741.551	1981.057	1965.038	1966.046	1964.030	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3053.742	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3152.810	1471.813	1455.794	1456.802	1454.786	V[12]
I	31	3269.869	1372.744	1356.726	1357.734	1355.718	I[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3550.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.118	966.500	950.482	951.489	949.474	L[8]
R	35	3828.219	853.416	837.398	838.405	836.390	R[7]
K	36	3956.314	697.315	681.296	682.304	680.289	K[6]
C	37	4013.358	569.220	553.201	554.209	552.194	C[5]
N	38	4127.399	512.199	496.180	497.188	495.172	N[4]
V	39	4290.462	398.156	382.137	383.145	381.129	V[3]
S	40	4377.494	235.062	219.074	220.082	218.066	S[2]
E	41	4506.537	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.21
- ▶ F113278.dat
- ▶ query=q70273.p1
- ▶ precursor=752.093170
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2054.264	2266.255	8.804	2245.781	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2641.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.871	2048.681	2047.105	2046.157	K[37]
G	6	337.194	1690.622	1982.614	1983.118	1982.110	G[36]
G	7	385.703	1326.594	1325.583	1324.598	1323.581	G[35]
G	8	394.212	1098.081	1090.074	1090.578	1089.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.347	1692.966	1683.956	1684.460	1683.444	A[30]
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.913	1592.900	1584.380	1584.884	1583.876	A[28]
K	15	770.961	1656.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	899.535	1442.300	1434.291	1434.795	1433.787	R[25]
S	18	903.853	1364.246	1356.240	1356.744	1355.736	S[24]
S	19	986.567	1320.733	1312.724	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1103.648	1105.639	1106.143	1105.135	G[20]
L	23	1185.189	1038.137	1029.128	1029.632	1028.624	L[19]
G	24	1249.218	1073.595	1070.586	1071.090	1070.082	G[18]
F	25	1322.753	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.033	933.023	933.526	932.519	F[16]
V	27	1420.813	892.506	884.496	885.000	883.992	V[15]
G	28	1449.324	842.971	834.962	835.466	834.458	G[14]
R	29	1527.814	814.481	806.451	806.955	805.947	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.866	679.370	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.206	532.196	532.700	531.693	L[9]
L	34	1838.573	489.794	479.784	479.288	478.281	L[8]
R	35	1914.623	427.212	419.202	419.706	418.698	R[7]
K	36	1978.671	349.161	341.152	341.656	340.648	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.736	199.562	191.552	192.056	191.048	V[3]
S	40	2199.281	118.056	110.047	110.551	109.543	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.21
- ▶ F113278.dat
- ▶ query=q70273.p1
- ▶ precursor=752.093170
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	48.697	1502.174	1487.839	0.872	1487.561	S[41]
G	2	86.704	1460.184	1454.925	0.672	1454.480	G[40]
R	3	1307.710	1441.197	1435.817	1436.153	1435.482	R[39]
G	4	139.745	1389.123	1383.784	1384.120	1383.446	G[38]
K	5	182.443	1370.110	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	284.137	1284.733	1279.392	1279.728	1279.056	G[35]
G	8	283.144	1265.725	1266.389	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.010	1198.079	1199.015	1198.344	A[32]
R	11	381.555	1180.240	1175.000	1175.336	1174.664	R[31]
A	12	405.254	1128.306	1122.997	1123.301	1122.833	A[30]
K	13	447.932	1104.527	1099.288	1099.624	1098.952	K[29]
A	14	471.611	1081.029	1056.539	1056.925	1056.251	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.870	T[26]
R	17	608.026	981.989	956.529	956.865	956.181	R[25]
S	18	629.019	959.835	944.485	944.819	944.160	S[24]
S	19	658.047	930.025	895.485	895.821	895.149	S[23]
R	20	710.081	951.014	846.474	846.810	846.138	R[22]
A	21	733.100	799.780	794.441	794.777	794.101	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	780.482	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	733.366	714.060	714.396	713.721	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.261	622.607	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	560.317	556.077	557.413	556.841	G[14]
R	29	1101.559	443.309	437.970	438.306	437.834	R[13]
V	30	1051.608	491.275	485.936	486.272	485.600	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.567	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1234.718	322.374	317.034	317.370	316.701	L[8]
R	35	1276.751	285.144	279.804	280.140	279.466	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.290	128.051	128.386	127.715	V[3]
S	40	1459.836	98.936	93.596	93.932	93.260	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.21
- ▶ F113278.dat
- ▶ query=q70273.p1
- ▶ precursor=752.093170
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	57.525	1127.636	1123.631	0.755	1123.370	S[41]
G	2	51.780	1095.375	1091.370	0.755	1091.118	G[40]
R	3	90.805	1081.120	1077.115	1077.367	1076.861	R[39]
G	4	105.061	1042.094	1038.090	1038.342	1037.839	G[38]
K	5	137.084	1027.839	1023.834	1024.086	1023.583	K[37]
Q	6	189.089	995.813	991.811	992.061	991.559	Q[36]
G	7	253.354	953.880	959.796	960.048	959.546	G[35]
G	8	337.810	949.545	945.541	945.792	945.289	G[34]
K	9	229.633	935.200	931.205	931.537	931.031	K[33]
A	10	247.393	903.266	899.261	899.513	899.009	A[32]
R	11	286.418	885.507	881.505	881.754	881.250	R[31]
A	12	304.177	866.482	862.477	862.729	862.225	A[30]
R	13	336.201	825.722	824.718	824.970	824.466	R[29]
A	14	353.960	796.699	792.694	792.946	792.442	A[28]
K	15	385.984	778.939	774.936	775.187	774.683	K[27]
T	16	411.246	746.915	742.911	743.163	742.659	T[26]
R	17	450.271	721.894	717.889	717.901	717.397	R[25]
S	18	472.809	682.820	678.804	678.876	678.372	S[24]
S	19	493.787	660.870	656.866	657.118	656.614	S[23]
R	20	532.813	639.112	635.108	635.360	634.856	R[22]
A	21	550.572	600.089	596.082	596.334	595.830	A[21]
Q	22	564.827	582.320	578.323	578.575	578.071	Q[20]
L	23	603.008	568.072	564.068	564.320	563.816	L[19]
Q	24	625.113	539.801	535.797	536.049	535.545	Q[18]
F	25	661.880	507.781	503.782	504.034	503.530	F[17]
P	26	686.143	471.020	467.015	467.267	466.763	P[16]
V	27	710.910	446.756	442.752	443.004	442.500	V[15]
G	28	725.166	421.989	417.985	418.237	417.733	G[14]
R	29	754.189	407.734	403.729	403.981	403.477	R[13]
V	30	788.958	389.759	384.764	384.956	384.452	V[12]
H	31	823.223	343.942	339.937	340.189	339.685	H[11]
R	32	862.248	309.677	305.672	305.924	305.420	R[10]
L	33	890.519	270.652	266.647	266.899	266.395	L[9]
L	34	918.790	242.381	238.376	238.628	238.124	L[8]
R	35	957.815	214.113	210.108	210.360	209.856	R[7]
K	36	989.839	175.084	171.080	171.332	170.828	K[6]
G	37	1004.094	143.061	139.056	139.308	138.804	G[5]
N	38	1032.605	128.805	124.800	125.052	124.548	N[4]
V	39	1073.371	100.294	96.290	96.542	96.038	V[3]
S	40	1095.120	59.529	55.524	55.776	55.272	S[2]
E	41	1127.380	37.771	33.766	34.018	33.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

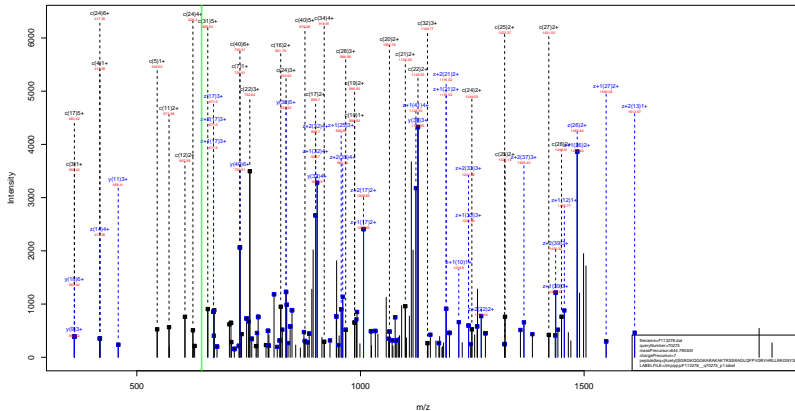
[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=48.21
- ▶ F113278.dat
- ▶ query=q70273_p1
- ▶ precursor=752.093170
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S	1	30.221	902.310	899.106	0.806	898.905 S[41]
G	2	41.625	876.501	873.298	0.806	873.095 G[40]
R	3	72.846	805.097	801.893	062.095	801.692 R[39]
G	4	84.250	833.877	830.673	830.875	830.472 G[38]
K	5	109.869	822.473	819.269	819.470	819.067 K[37]
Q	6	135.481	796.854	793.650	793.851	793.448 Q[36]
G	7	146.685	771.242	768.038	768.240	767.837 G[35]
G	8	158.289	759.838	756.634	756.835	756.432 G[34]
K	9	183.908	748.833	745.230	745.431	745.028 K[33]
A	10	198.116	722.814	719.611	719.812	719.409 A[32]
R	11	229.336	708.607	705.403	705.605	705.202 R[31]
A	12	243.543	677.387	674.183	674.385	673.981 A[30]
K	13	269.162	663.179	659.976	660.177	659.774 K[29]
A	14	283.370	637.560	634.357	634.558	634.155 A[28]
K	15	308.989	623.353	620.149	620.351	619.948 K[27]
T	16	329.198	597.734	594.530	594.732	594.329 T[26]
R	17	360.418	577.524	574.321	574.522	574.119 R[25]
S	18	377.825	546.304	543.100	543.302	542.899 S[24]
S	19	399.231	528.686	525.694	525.896	525.492 S[23]
R	20	426.451	511.491	508.288	508.489	508.086 R[22]
A	21	440.659	480.271	477.067	477.269	476.866 A[21]
G	22	452.063	466.064	462.860	463.061	462.658 G[20]
L	23	474.680	454.659	451.456	451.657	451.254 L[19]
Q	24	500.292	432.043	428.839	429.040	428.637 Q[18]
F	25	529.705	406.831	403.227	403.429	403.026 F[17]
P	26	549.116	377.017	373.813	374.015	373.612 P[16]
V	27	568.530	357.607	354.403	354.604	354.201 V[15]
G	28	589.334	337.793	334.589	334.791	334.388 G[14]
R	29	611.554	326.380	323.176	323.378	322.973 R[13]
V	30	631.368	295.168	291.965	292.166	291.763 V[12]
H	31	658.780	275.355	272.151	272.353	271.949 H[11]
R	32	690.000	247.943	244.739	244.941	244.538 R[10]
L	33	712.617	216.723	213.519	213.721	213.317 L[9]
L	34	735.233	194.106	190.902	191.104	190.701 L[8]
R	35	766.454	171.489	168.283	168.487	168.084 R[7]
K	36	782.073	140.269	137.065	137.267	136.864 K[6]
G	37	803.877	114.650	111.446	111.648	111.245 G[5]
N	38	826.286	101.240	100.042	100.243	99.840 N[4]
V	39	858.898	80.437	77.233	77.435	77.032 V[3]
S	40	876.305	47.824	44.621	44.822	44.419 S[2]
E	41	902.113	30.418	27.214	27.416	27.013 E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKATRSSRAGLQFPVGRVHLLRKGNYSE



sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.53
- ▶ F113278.dat
- ▶ query=q70275.p1
- ▶ precursor=644.795300
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.070	4507.521	4491.503	0.000	4490.484	S[41]
G	2	204.098	4376.478	4362.459	0.000	4361.451	G[40]
R	3	360.199	4321.457	4305.438	4306.446	4304.439	R[39]
G	4	417.220	4165.355	4149.337	4150.345	4148.329	G[38]
K	5	545.315	4108.334	4092.315	4093.323	4091.307	K[37]
Q	6	673.314	3989.239	3974.220	3975.228	3973.211	Q[36]
G	7	730.395	3852.080	3836.100	3837.110	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3736.138	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.050	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1213.607	3382.904	3366.885	3367.893	3365.877	A[30]
R	13	1341.783	3311.967	3295.848	3296.856	3294.841	R[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1768.053	2853.592	2837.573	2838.582	2836.566	R[25]
S	18	1885.095	2727.494	2711.474	2712.483	2710.467	S[24]
S	19	1972.127	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2138.238	2553.421	2537.400	2538.416	2536.401	R[22]
A	21	2199.269	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2256.267	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2309.311	2209.260	2193.240	2194.247	2192.241	L[19]
Q	24	2402.429	2158.184	2142.165	2143.173	2141.157	Q[18]
F	25	2644.408	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.551	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3053.742	1627.814	1611.795	1612.803	1610.787	R[13]
V	30	3152.810	1471.613	1455.794	1456.802	1454.786	V[12]
H	31	3289.889	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.489	949.474	L[8]
I	35	3828.239	833.416	817.398	818.405	816.390	I[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
G	37	4013.356	569.220	553.201	554.209	552.194	G[5]
N	38	4127.399	512.109	496.100	497.108	495.172	N[4]
V	39	4290.462	398.156	382.137	383.145	381.129	V[3]
S	40	4377.484	235.082	219.074	220.082	218.066	S[2]
E	41	4566.537	148.960	132.943	133.950	131.934	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKATRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.53
- ▶ F113278.dat
- ▶ query=q70275.p1
- ▶ precursor=644.795300
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2054.264	2266.255	0.804	2245.781	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2641.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
G	6	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	385.703	1926.594	1918.584	1919.088	1918.081	G[35]
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.397	1692.995	1684.985	1685.489	1684.481	A[30]
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.913	1592.900	1584.890	1584.884	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	899.535	1442.802	1434.793	1434.794	1433.787	R[25]
S	18	913.853	1384.249	1376.240	1376.744	1375.736	S[24]
S	19	986.567	1332.733	1324.724	1325.228	1324.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1153.648	1145.639	1156.143	1155.135	G[20]
L	23	1155.789	1138.137	1129.128	1129.128	1128.624	L[19]
Q	24	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	25	1322.753	1014.569	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.053	933.043	933.520	932.510	F[16]
V	27	1420.813	892.500	884.490	885.000	883.992	V[15]
G	28	1449.324	842.971	834.962	835.466	834.458	G[14]
R	29	1527.814	814.461	806.451	806.955	805.947	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.866	679.370	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.296	532.286	532.790	531.783	L[9]
L	34	1838.573	469.794	461.784	462.288	461.281	L[8]
R	35	1914.623	427.212	419.202	419.706	418.698	R[7]
K	36	1978.671	349.161	341.152	341.656	340.648	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.736	189.562	181.552	182.056	181.048	V[3]
S	40	2189.281	118.056	110.047	110.551	109.543	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.53
- ▶ F113278.dat
- ▶ query=q70275.p1
- ▶ precursor=644.795300
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1502.178	1487.839	8.872	1487.561	S[41]
G	2	86.704	1460.184	1454.935	0.672	1454.480	G[40]
R	3	1307.180	1441.157	1435.817	1436.153	1435.482	R[39]
G	4	139.745	1389.123	1383.784	1384.120	1383.448	G[38]
K	5	182.443	1370.118	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.761	G[36]
G	7	264.117	1284.733	1279.392	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1234.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	409.294	1128.306	1122.967	1123.303	1122.831	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1099.952	K[29]
A	14	471.611	1081.929	1056.589	1056.925	1056.251	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.870	T[26]
R	17	600.024	961.869	956.529	956.865	956.181	R[25]
S	18	629.837	909.835	904.495	904.831	904.160	S[24]
S	19	658.047	880.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.789	794.441	794.777	794.105	A[21]
G	22	752.767	778.101	770.762	771.098	770.426	G[20]
L	23	789.628	737.094	731.754	732.090	731.419	L[19]
Q	24	833.148	719.356	714.000	714.366	713.721	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.251	622.687	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1000.899	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	491.276	485.938	486.272	485.600	V[12]
H	31	1097.394	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.623	368.533	363.193	363.529	362.857	L[9]
L	34	1234.718	322.874	317.489	317.825	317.161	L[8]
R	35	1276.751	288.144	279.804	280.140	279.466	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.390	128.051	128.386	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=50.53
- ▶ F113278.dat
- ▶ query=q70275.p1
- ▶ precursor=644.795300
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.535	1127.636	1123.631	0.765	1123.370	S 41
G 2	51.780	1096.375	1091.870	0.795	1091.116	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.861	R 39
G 4	105.061	1042.094	1038.090	1038.342	1037.838	G 38
K 5	137.054	1027.839	1023.834	1024.086	1023.582	K 37
Q 6	169.099	998.815	994.811	992.062	991.557	Q 36
G 7	183.354	953.903	950.150	960.048	959.543	G 35
G 8	197.810	949.545	945.541	945.792	945.289	G 34
K 9	229.633	935.290	931.285	931.537	931.031	K 33
A 10	247.393	903.266	899.261	899.513	899.009	A 32
R 11	286.418	885.507	881.502	881.754	881.250	R 31
A 12	308.117	846.482	842.477	842.729	842.225	A 30
R 13	336.201	828.722	824.718	824.970	824.465	R 29
A 14	353.980	796.699	792.694	792.946	792.442	A 28
K 15	385.964	778.939	774.935	775.187	774.681	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.694	717.689	717.941	717.437	R 25
S 18	472.609	692.828	688.824	678.876	678.372	S 24
S 19	483.787	660.870	656.865	657.118	656.614	S 23
R 20	512.815	639.112	635.108	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.126	578.121	578.373	577.870	G 20
L 23	593.098	566.072	562.068	562.320	561.816	L 19
Q 24	625.113	539.803	535.799	536.049	535.545	Q 19
F 25	661.688	507.787	503.782	504.034	503.530	F 17
F 26	686.143	471.020	467.015	467.267	466.763	F 16
V 27	710.910	446.756	442.752	443.004	442.500	V 15
G 28	725.166	421.989	417.985	418.237	417.733	G 14
R 29	765.193	407.734	403.729	403.981	403.477	R 13
V 30	788.958	368.709	364.704	364.956	364.452	V 12
H 31	823.223	343.942	339.937	340.189	339.685	H 11
R 32	862.248	309.677	305.672	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.796	242.381	238.376	238.628	238.124	L 8
R 35	967.815	214.130	210.125	210.377	209.873	R 7
R 36	989.839	175.084	171.080	171.332	170.828	R 6
G 37	1004.094	143.061	139.056	139.308	138.804	G 5
N 38	1032.605	128.805	124.800	125.052	124.548	N 4
V 39	1073.371	100.294	96.290	96.542	96.038	V 3
S 40	1095.129	59.529	55.524	55.776	55.272	S 2
E 41	1127.380	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=50.53
- ▶ F113278.dat
- ▶ query=q70275_p1
- ▶ precursor=644.795300
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	902.310	899.108	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.838	756.634	756.835	756.432	G[34]
K[9]	183.908	748.433	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.336	708.607	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.559	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	528.898	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.530	357.607	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.589	334.791	334.388	G[14]
R[29]	611.554	326.389	323.185	323.386	322.983	R[13]
V[30]	631.368	295.168	291.965	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.109	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.283	168.487	168.084	R[7]
K[36]	782.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.477	114.650	111.446	111.648	111.245	G[5]
N[38]	826.286	103.246	100.042	100.243	99.840	N[4]
V[39]	858.898	80.437	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

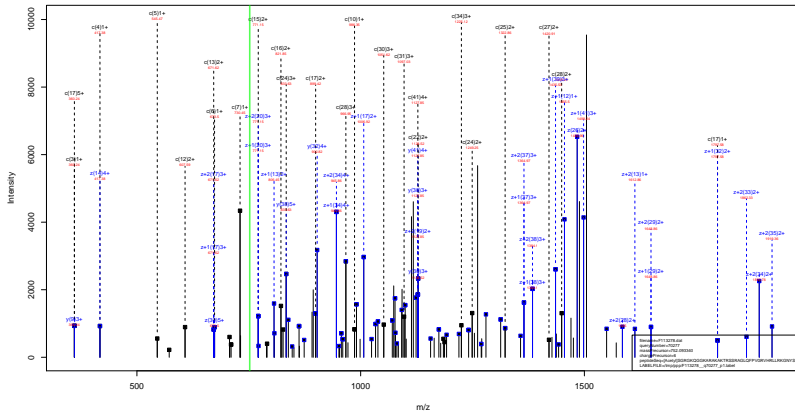
[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=50.53
- ▶ F113278.dat
- ▶ query=q70275_p1
- ▶ precursor=644.795300
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	25.352	752.093	749.423	0.839	749.255	S[41]
G[2]	34.856	730.586	727.916	0.839	727.748	G[40]
R[3]	60.873	721.082	718.412	718.580	718.244	R[39]
G[4]	70.376	695.065	692.396	692.563	692.228	G[38]
K[5]	91.725	685.562	682.892	683.060	682.724	K[37]
Q[6]	113.068	664.213	661.543	661.711	661.375	Q[36]
G[7]	122.572	642.866	640.200	640.368	640.032	G[35]
G[8]	132.076	633.366	630.698	630.864	630.528	G[34]
K[9]	153.428	623.862	621.193	621.360	621.025	K[33]
A[10]	165.264	602.513	599.843	600.011	599.675	A[32]
R[11]	191.281	590.074	588.004	588.172	587.836	R[31]
A[12]	203.121	564.657	561.987	562.155	561.819	A[30]
K[13]	224.470	552.817	550.147	550.315	549.980	K[29]
A[14]	236.309	531.468	528.798	528.966	528.630	A[28]
K[15]	257.658	519.629	516.959	517.127	516.791	K[27]
T[16]	274.500	498.279	495.610	495.778	495.442	T[26]
R[17]	300.517	481.438	478.768	478.936	478.600	R[25]
S[18]	313.022	455.421	452.752	452.919	452.584	S[24]
S[19]	329.227	440.916	438.246	438.414	438.078	S[23]
R[20]	355.544	426.411	423.741	423.909	423.573	R[22]
A[21]	367.384	400.394	397.724	397.892	397.556	A[21]
G[22]	376.887	388.554	385.884	386.052	385.716	G[20]
L[23]	395.735	379.051	376.381	376.549	376.213	L[19]
Q[24]	417.078	366.203	357.534	357.702	357.366	Q[18]
F[25]	441.589	338.866	336.196	336.364	336.028	F[17]
P[26]	457.765	314.349	311.679	311.847	311.511	P[16]
V[27]	474.276	298.173	295.504	295.672	295.336	V[15]
G[28]	483.779	281.662	278.992	279.160	278.824	G[14]
R[29]	509.986	272.158	269.488	269.657	269.321	R[13]
V[30]	526.308	246.142	243.472	243.640	243.304	V[12]
H[31]	549.151	229.630	226.960	227.128	226.792	H[11]
R[32]	575.168	206.787	204.117	204.285	203.949	R[10]
L[33]	594.015	180.770	178.100	178.268	177.932	L[9]
L[34]	612.862	161.923	159.253	159.421	159.085	L[8]
R[35]	638.879	143.075	140.406	140.574	140.238	R[7]
K[36]	660.228	117.059	114.389	114.557	114.221	K[6]
G[37]	669.732	95.709	93.040	93.208	92.872	G[5]
R[38]	688.739	86.206	83.536	83.704	83.368	R[4]
V[39]	715.936	87.199	84.529	84.697	84.361	V[3]
S[40]	730.422	40.021	37.352	37.520	37.184	S[2]
E[41]	751.929	25.516	22.846	23.014	22.678	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKATRSSRAGLQFPVGRVHLLRKGNYSE



sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.16
- ▶ F113278.dat
- ▶ query=q70277_p1
- ▶ precursor=752.093340
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.676	4507.521	4491.502	0.000	4490.494	S 41
G 2	304.098	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.270	4165.355	4149.337	4150.345	4148.329	G 38
K 5	545.315	4108.334	4092.315	4093.323	4091.307	K 37
Q 6	673.174	3989.239	3974.220	3985.228	3983.212	Q 36
G 7	730.395	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.650	3536.005	3522.987	3523.995	3521.979	R 31
A 12	1213.687	3382.904	3366.886	3367.893	3366.878	A 30
K 13	1341.782	3311.867	3295.848	3296.856	3294.841	K 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1798.063	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1885.909	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.127	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2128.228	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.265	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2286.287	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2369.371	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2497.429	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2644.698	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2741.551	1881.057	1865.038	1866.046	1864.031	P 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.742	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3153.810	1474.833	1455.794	1456.801	1454.785	V 12
H 31	3289.869	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.500	950.482	951.489	949.474	L 8
R 35	3828.239	853.416	837.398	838.405	836.390	R 7
K 36	3956.334	697.315	681.298	682.304	680.289	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.100	497.108	495.172	N 4
V 39	4290.462	396.156	380.137	381.145	381.129	V 3
S 40	4377.494	235.092	219.074	220.082	218.066	S 2
E 41	4506.537	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.16
- ▶ F113278.dat
- ▶ query=q70277.p1
- ▶ precursor=752.093340
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	c	AA	
S	1	74.062	2054.264	2266.255	0.504	2245.751	S(1)
G	2	102.553	2189.743	2381.733	0.504	2181.229	G(2)
R	3	180.603	2641.232	2153.233	2153.236	2152.710	R(3)
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G(4)
K	5	273.181	2054.671	2046.661	2047.165	2046.157	K(5)
G	6	337.194	1690.622	1982.614	1993.218	1992.210	G(6)
G	7	385.703	3106.594	1619.584	1919.088	1919.088	G(7)
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G(8)
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K(9)
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A(10)
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R(11)
A	12	607.347	1692.969	1684.959	1684.959	1683.944	A(12)
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R(13)
A	14	706.913	1592.900	1584.890	1584.884	1583.876	A(14)
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K(15)
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T(16)
R	17	899.535	1442.300	1434.291	1434.794	1433.787	R(17)
S	18	933.653	1364.249	1356.240	1356.744	1355.736	S(18)
S	19	986.567	1320.733	1312.724	1313.228	1312.220	S(19)
R	20	1084.618	1277.217	1269.208	1269.712	1268.704	R(20)
A	21	1100.136	1199.161	1191.151	1191.661	1190.653	A(21)
G	22	1128.647	1163.640	1155.630	1156.143	1155.135	G(22)
G	23	1185.189	1128.117	1120.107	1121.632	1120.624	G(23)
Q	24	1249.218	1078.595	1070.586	1071.090	1070.082	Q(24)
F	25	1322.753	1014.569	1006.557	1007.061	1006.053	F(25)
F	26	1371.279	941.033	933.023	933.526	932.519	F(26)
V	27	1420.813	892.506	884.496	885.000	883.992	V(27)
G	28	1449.324	842.971	834.961	835.464	834.456	G(28)
R	29	1527.814	814.481	806.451	806.955	805.947	R(29)
V	30	1576.809	736.410	728.401	728.905	727.897	V(30)
H	31	1645.438	688.876	678.866	679.370	678.363	H(31)
R	32	1723.489	618.346	610.337	610.841	609.833	R(32)
L	33	1780.031	540.296	532.286	532.790	531.783	L(33)
L	34	1838.573	489.764	479.754	479.258	478.251	L(34)
R	35	1914.623	427.232	419.222	419.726	418.719	R(35)
K	36	1978.671	349.181	341.172	341.676	340.668	K(36)
G	37	2067.181	285.114	277.104	277.608	276.600	G(37)
N	38	2094.203	256.603	248.594	249.098	248.090	N(38)
V	39	2145.736	199.562	191.552	192.056	191.048	V(39)
S	40	2189.281	118.056	110.046	110.549	109.541	S(40)
E	41	2253.772	74.534	66.524	67.028	66.021	E(41)

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.16
- ▶ F113278.dat
- ▶ query=q70277.p1
- ▶ precursor=752.093340
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
S	1	48.607	1502.178	1497.839	8.872	4497.561	S(41)
G	2	86.704	1460.184	1454.275	0.672	1454.480	G(40)
R	3	1307.710	1441.157	1435.817	1436.151	1435.482	R(39)
G	4	139.745	1389.123	1383.784	1384.120	1383.446	G(38)
K	5	182.443	1370.110	1364.777	1365.113	1364.441	K(37)
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G(36)
G	7	264.137	1284.732	1279.392	1279.728	1279.056	G(35)
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G(34)
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K(33)
A	10	329.521	1224.010	1199.079	1199.015	1198.344	A(32)
R	11	381.555	1180.240	1175.000	1175.336	1174.664	R(31)
A	12	409.234	1138.306	1123.907	1123.901	1122.931	A(30)
K	13	447.932	1104.627	1099.288	1099.624	1098.952	K(29)
A	14	491.611	1061.929	1056.589	1056.625	1056.251	A(28)
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K(27)
T	16	547.602	995.552	990.212	990.548	989.870	T(26)
R	17	600.626	961.869	956.529	956.865	956.183	R(25)
S	18	629.919	909.835	904.485	904.832	904.160	S(24)
S	19	658.047	880.825	875.485	875.821	875.149	S(23)
R	20	710.081	851.814	846.474	846.810	846.138	R(22)
A	21	731.760	799.780	794.441	794.777	794.101	A(21)
G	22	752.769	776.101	770.762	771.098	770.426	G(20)
L	23	796.462	759.094	753.754	754.090	753.419	L(19)
G	24	833.148	719.305	714.000	714.306	713.224	G(18)
F	25	882.171	676.713	671.374	671.710	671.038	F(17)
F	26	914.552	627.600	622.351	622.687	622.015	F(16)
V	27	947.545	595.139	590.000	590.336	589.664	V(15)
G	28	966.552	562.317	556.977	557.313	556.641	G(14)
R	29	1002.234	543.309	537.970	538.306	537.634	R(13)
V	30	1051.608	490.275	485.036	486.272	485.600	V(12)
H	31	1097.294	458.253	452.913	453.249	452.577	H(11)
R	32	1149.328	412.507	407.237	407.563	406.891	R(10)
L	33	1187.023	360.533	355.193	355.529	354.857	L(9)
L	34	1224.718	322.374	317.089	317.425	316.753	L(8)
R	35	1275.171	285.144	279.804	280.140	279.468	R(7)
K	36	1319.450	233.110	227.770	228.106	227.434	K(6)
G	37	1338.457	190.412	185.072	185.408	184.736	G(5)
N	38	1376.471	171.404	166.065	166.401	165.729	N(4)
V	39	1430.826	133.290	128.051	128.386	127.715	V(3)
S	40	1459.836	99.136	93.796	94.132	93.460	S(2)
E	41	1502.850	50.025	44.685	45.021	44.349	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.16
- ▶ F113278.dat
- ▶ query=q70277.p1
- ▶ precursor=752.093340
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#=1	#=2	#	AA	
S	1	37.505	1127.636	1123.631	0.705	1123.370	S[4]
G	2	51.780	1095.375	1091.370	0.795	1092.112	G[6]
R	3	90.805	1081.120	1077.115	1077.367	1076.863	R[30]
G	4	109.061	1042.094	1038.090			G[38]
K	5	137.064	1027.839	1023.834	1024.086	1023.582	K[37]
G	6	169.059	995.815	991.811	992.267	991.292	G[36]
G	7	193.254	963.803		959.796	960.048	G[55]
G	8	197.610	949.545	945.541	945.792	945.299	G[34]
K	9	229.633	935.290	931.285	931.537	931.033	K[33]
A	10	247.303	903.266	899.261	899.513	899.009	A[32]
R	11	286.418	895.507	891.502	891.754	891.250	R[31]
A	12	304.177	864.848	860.843	862.229	862.229	A[30]
K	13	336.201	828.722	824.718	824.970	824.466	K[29]
A	14	353.960	796.699	792.694	792.946	792.442	A[28]
K	15	385.984	778.939	774.935	775.187	774.683	K[27]
T	16	411.246	746.915	742.911	743.163	742.659	T[26]
R	17	459.271	721.894	717.889	717.901	717.397	R[25]
S	18	472.629	692.628	688.624	688.876	688.372	S[24]
S	19	493.787	660.610	656.606	657.118	656.614	S[23]
R	20	532.613	638.112	634.108	635.360	634.856	R[22]
A	21	550.572	600.087	596.082	596.334	595.830	A[21]
G	22	564.827	582.328	578.323	578.575	578.071	G[20]
L	23	593.098	568.072	564.068	564.320	563.816	L[19]
Q	24	625.113	539.801	535.797	536.049	535.545	Q[18]
F	25	661.880	507.787	503.782	504.034	503.530	F[17]
F	26	698.143	471.020	467.015	467.267	466.763	F[16]
V	27	710.910	446.756	442.752	443.004	442.500	V[15]
G	28	725.169	421.989	417.985	418.237	417.733	G[14]
R	29	764.181	389.734	385.729	385.981	385.477	R[13]
V	30	788.958	368.709	364.704	364.956	364.452	V[12]
H	31	823.223	343.942	339.937	340.189	339.685	H[11]
R	32	862.248	309.677	305.672	305.924	305.420	R[10]
L	33	890.519	270.652	266.647	266.899	266.395	L[9]
L	34	918.969	242.361	238.356	238.608	238.104	L[8]
R	35	957.815	214.110	210.105	210.357	209.853	R[7]
K	36	989.839	175.084	171.079	171.331	170.827	K[6]
G	37	1064.094	143.061	139.056	139.308	138.804	G[5]
N	38	1032.605	128.805	124.800	125.052	124.548	N[4]
V	39	1078.371	100.294	96.289	96.541	96.037	V[3]
S	40	1095.128	99.529	95.524	95.776	95.272	S[2]
E	41	1127.390	97.771	93.766	94.018	93.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=48.16
- ▶ F113278.dat
- ▶ query=q70277_p1
- ▶ precursor=752.093340
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	902.310	899.106	0.806	898.905	S	41
G	2	41.625	876.501	873.298	0.806	873.096	G	40
R	3	72.846	865.097	861.893	062.095	861.692	R	39
G	4	84.250	833.877	830.673	830.875	830.472	G	38
K	5	109.869	822.473	819.269	819.470	819.067	K	37
Q	6	135.481	796.854	793.650	793.851	793.448	Q	36
G	7	146.685	771.242	768.038	768.240	767.837	G	35
G	8	158.289	759.838	756.634	756.835	756.432	G	34
K	9	183.908	748.833	745.230	745.431	745.028	K	33
A	10	198.116	722.814	719.611	719.812	719.409	A	32
R	11	229.336	708.607	705.403	705.605	705.202	R	31
A	12	243.543	677.387	674.183	674.385	673.981	A	30
K	13	269.162	663.179	659.976	660.177	659.774	K	29
A	14	283.370	637.560	634.357	634.558	634.155	A	28
K	15	308.989	623.353	620.149	620.351	619.948	K	27
T	16	329.198	597.734	594.530	594.732	594.329	T	26
R	17	360.418	577.524	574.321	574.522	574.119	R	25
S	18	377.825	546.304	543.100	543.302	542.899	S	24
S	19	399.231	528.898	525.694	525.896	525.492	S	23
R	20	426.451	511.491	508.288	508.489	508.086	R	22
A	21	440.659	480.271	477.067	477.269	476.866	A	21
G	22	452.063	466.064	462.860	463.061	462.658	G	20
L	23	474.680	454.059	451.456	451.657	451.254	L	19
Q	24	500.292	432.043	428.839	429.040	428.637	Q	18
F	25	529.705	406.831	403.227	403.429	403.026	F	17
P	26	549.116	377.017	373.813	374.015	373.612	P	16
V	27	568.530	357.607	354.403	354.604	354.201	V	15
G	28	589.334	337.793	334.589	334.791	334.388	G	14
R	29	611.554	326.389	323.185	323.386	322.983	R	13
V	30	631.368	295.168	291.965	292.166	291.763	V	12
H	31	658.780	275.355	272.151	272.353	271.949	H	11
R	32	690.000	247.943	244.739	244.941	244.538	R	10
L	33	712.617	216.723	213.519	213.721	213.317	L	9
L	34	735.233	194.109	190.902	191.104	190.701	L	8
R	35	766.454	171.489	168.283	168.487	168.084	R	7
K	36	782.073	140.269	137.065	137.267	136.864	K	6
G	37	803.877	114.650	111.446	111.648	111.245	G	5
N	38	826.286	101.246	100.042	100.243	99.840	N	4
V	39	858.898	80.437	77.233	77.435	77.032	V	3
S	40	876.305	47.824	44.621	44.822	44.419	S	2
E	41	902.113	30.418	27.214	27.416	27.013	E	1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.93
- ▶ F113278.dat
- ▶ query=q70279_p1
- ▶ precursor=752.093370
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.521	4491.502	0.000	4400.494	S[41]
G	2	204.098	4378.478	4362.459	0.000	4361.451	G[46]
R	3	360.199	4321.457	4305.438	4306.446	4304.430	R[39]
C	4	417.220	4185.355	4148.337	4150.345	4148.329	C[38]
K	5	545.315	4108.334	4092.315	4093.323	4091.307	K[17]
Q	6	673.374	3980.239	3954.220	3955.228	3953.212	Q[36]
G	7	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.139	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.955	3523.936	3524.944	3522.928	R[31]
A	12	1213.667	3382.904	3366.885	3367.893	3365.877	A[30]
K	13	1341.782	3311.867	3295.848	3296.856	3294.841	K[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
K	17	1798.063	2883.592	2867.574	2868.582	2866.566	K[25]
S	18	1885.095	2727.493	2711.473	2712.480	2710.465	S[24]
S	19	1972.127	2648.459	2632.441	2633.448	2631.433	S[23]
R	20	2128.228	2563.427	2547.409	2548.416	2546.401	R[22]
A	21	2199.265	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2256.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2369.371	2269.268	2253.249	2254.257	2252.241	L[19]
Q	24	2497.429	2126.184	2110.165	2111.173	2109.157	Q[18]
F	25	2644.488	2028.125	2012.106	2013.114	2011.098	F[17]
P	26	2741.551	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3053.742	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3152.810	1471.813	1455.794	1456.802	1454.786	V[12]
I	31	3269.869	1372.744	1356.725	1357.734	1355.718	I[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3550.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.118	966.500	950.482	951.489	949.474	L[8]
R	35	3828.219	853.416	837.398	838.405	836.390	R[7]
K	36	3956.314	697.315	681.296	682.304	680.289	K[6]
C	37	4013.358	569.220	553.201	554.209	552.194	C[5]
N	38	4127.399	512.199	496.180	497.188	495.172	N[4]
V	39	4290.462	398.156	382.137	383.145	381.129	V[3]
S	40	4377.494	235.062	219.074	220.082	218.066	S[2]
E	41	4506.537	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.93
- ▶ F113278.dat
- ▶ query=q70279.p1
- ▶ precursor=752.093370
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	2754.364	2246.255	0.504	2245.751	S 41
G 2	102.563	2189.743	2181.731	0.504	2181.229	G 40
R 3	180.603	2161.732	2153.223	2153.726	2152.719	R 39
G 4	209.114	2083.181	2075.172	2075.676	2074.669	G 38
K 5	273.161	2054.671	2046.661	2047.165	2046.157	K 37
Q 6	337.193	1999.623	1992.613	1993.118	1992.111	Q 36
G 7	365.703	1926.564	1918.555	1919.088	1918.081	G 35
G 8	394.212	1868.083	1860.074	1860.578	1859.570	G 34
K 9	458.260	1809.672	1861.563	1862.067	1861.059	K 33
A 10	493.778	1805.625	1797.510	1798.019	1797.012	A 32
R 11	579.829	1770.096	1761.997	1762.501	1761.493	R 31
A 12	607.347	1693.956	1683.949	1684.453	1683.445	A 30
R 13	671.395	1656.437	1648.428	1648.932	1647.924	R 29
A 14	706.913	1592.390	1584.380	1584.884	1583.876	A 28
K 15	770.961	1556.671	1548.662	1549.366	1548.358	K 27
T 16	821.485	1492.824	1484.814	1485.318	1484.310	T 26
R 17	899.535	1442.300	1434.291	1434.794	1433.787	R 25
S 18	933.651	1394.249	1386.240	1386.744	1385.736	S 24
S 19	986.567	1320.733	1312.724	1313.228	1312.220	S 23
R 20	1064.618	1277.217	1269.208	1269.712	1268.704	R 22
A 21	1109.136	1199.667	1191.157	1191.661	1190.653	A 21
G 22	1128.647	1163.648	1155.639	1156.143	1155.135	G 20
L 23	1185.189	1136.137	1127.128	1127.632	1126.624	L 19
Q 24	1249.218	1078.595	1070.586	1071.090	1070.082	Q 19
F 25	1322.753	1014.569	1006.557	1007.061	1006.053	F 17
P 26	1371.279	941.032	933.023	933.526	932.519	P 16
V 27	1420.813	892.506	884.496	885.000	883.992	V 15
G 28	1449.324	842.671	834.662	835.166	834.158	G 14
R 29	1527.874	814.403	806.451	806.955	805.947	R 13
V 30	1576.909	738.410	728.401	728.905	727.897	V 12
H 31	1645.438	688.878	678.869	679.373	678.365	H 11
R 32	1723.489	618.346	610.337	610.841	609.833	R 10
L 33	1780.031	540.290	532.280	532.784	531.777	L 9
L 34	1836.573	483.754	475.744	476.248	475.241	L 8
R 35	1814.623	427.212	419.202	419.706	418.698	R 7
R 36	1978.671	349.161	341.152	341.656	340.648	R 6
G 37	2007.181	295.114	277.104	277.608	276.600	G 5
N 38	2064.203	256.603	248.594	249.098	248.090	N 4
V 39	2145.735	199.582	191.573	192.076	191.068	V 3
S 40	2189.251	118.050	110.041	110.544	109.537	S 2
E 41	2253.772	74.534	68.524	67.028	66.031	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.93
- ▶ F113278.dat
- ▶ query=q70279_p1
- ▶ precursor=752.093370
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	48.607	1502.117	1497.839	0.872	1497.561	S[41]
G	2	66.704	1460.184	1454.525	0.672	1454.480	G[40]
R	3	130.718	1441.157	1435.817	1430.153	1435.482	R[39]
G	4	139.745	1389.123	1383.784	1384.120	1383.440	G[38]
K	5	182.443	1370.110	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.733	1279.732	1279.728	1279.056	G[35]
G	8	263.144	1245.725	1240.385	1240.721	1240.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.010	1198.079	1199.015	1198.344	A[32]
R	11	381.555	1180.240	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.206	1123.007	1123.003	1122.331	A[30]
K	13	447.932	1104.527	1099.288	1099.624	1098.952	K[29]
A	14	471.611	1061.029	1056.509	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.870	T[26]
R	17	600.626	961.869	956.529	956.865	956.183	R[25]
S	18	629.017	909.835	904.436	904.837	904.160	S[24]
S	19	658.047	880.025	875.485	875.821	875.149	S[23]
R	20	710.081	851.014	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.101	A[21]
G	22	752.769	776.101	770.762	771.098	770.426	G[20]
L	23	790.462	759.094	753.754	754.090	753.419	L[19]
Q	24	833.148	733.305	724.000	724.396	723.724	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.522	627.600	622.261	622.687	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1010.259	443.309	437.970	438.306	437.634	R[13]
V	30	1051.608	491.275	485.936	486.272	485.600	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.567	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.374	317.034	317.370	316.701	L[8]
R	35	1275.753	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.290	128.051	128.386	127.715	V[3]
S	40	1459.836	98.136	93.000	93.336	92.664	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=47.93
- ▶ F113278.dat
- ▶ query=q70279.p1
- ▶ precursor=752.093370
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1127.636	1123.631	0.765	1123.630	S 41
G 2	51.780	1096.375	1091.370	0.755	1091.118	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.861	R 39
G 4	105.061	1042.094	1038.090	1038.342	1037.838	G 38
K 5	137.084	1027.839	1023.834	1024.086	1023.582	K 37
Q 6	169.099	995.815	991.811	992.062	991.558	Q 36
G 7	203.354	953.603	950.599	960.048	959.544	G 35
G 8	197.810	949.545	945.541	945.792	945.289	G 34
K 9	229.633	935.290	931.286	931.537	931.033	K 33
A 10	247.393	903.266	899.261	899.513	899.009	A 32
R 11	286.418	885.507	881.502	881.754	881.250	R 31
A 12	304.177	876.668	872.664	872.916	872.412	A 30
R 13	336.201	828.722	824.718	824.970	824.466	R 29
A 14	353.960	796.699	792.694	792.946	792.442	A 28
K 15	389.984	778.939	774.935	775.187	774.683	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.684	717.680	717.931	717.428	R 25
S 18	472.629	682.828	678.824	679.076	678.572	S 24
S 19	493.787	660.870	656.866	657.118	656.614	S 23
R 20	532.813	639.112	635.108	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.128	578.123	578.375	577.871	G 20
L 23	603.036	566.072	562.068	562.320	561.816	L 19
Q 24	625.113	539.801	535.797	536.049	535.545	Q 19
F 25	661.880	507.787	503.782	504.034	503.530	F 17
P 26	686.143	471.020	467.015	467.267	466.763	P 16
V 27	710.910	446.756	442.752	443.004	442.500	V 15
G 28	725.166	421.989	417.985	418.237	417.733	G 14
R 29	764.191	407.734	403.729	404.000	403.477	R 13
V 30	788.058	368.709	364.704	364.956	364.452	V 12
H 31	823.223	343.942	339.937	340.189	339.685	H 11
R 32	862.248	309.677	305.672	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.790	242.381	238.376	238.628	238.124	L 8
R 35	957.815	214.110	210.105	210.357	209.853	R 7
R 36	989.839	175.084	171.080	171.332	170.828	R 6
G 37	1004.094	143.061	139.056	139.308	138.804	G 5
N 38	1032.605	128.805	124.800	125.052	124.548	N 4
V 39	1073.371	100.294	96.290	96.542	96.038	V 3
S 40	1095.120	59.529	55.524	55.776	55.272	S 2
E 41	1127.390	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=47.93
- ▶ F113278.dat
- ▶ query=q70279_p1
- ▶ precursor=752.093370
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.859	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.835	756.634	756.835	756.432	G[34]
K[9]	183.908	748.431	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.136	708.007	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.305	543.100	543.302	542.899	S[24]
S[19]	399.231	528.899	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.930	357.607	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.589	334.791	334.388	G[14]
K[29]	611.354	326.389	323.185	323.386	322.983	K[13]
V[30]	631.368	295.165	291.960	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.106	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.285	168.487	168.084	R[7]
K[36]	792.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.477	114.650	111.446	111.648	111.245	G[5]
H[38]	828.286	103.245	100.042	100.243	99.840	H[6]
V[39]	859.698	80.431	77.223	77.425	77.022	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.18
- ▶ F113278.dat
- ▶ query=q70281_p1
- ▶ precursor=644.795370
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.676	4507.521	4491.502	0.000	4490.494	S[41]
G[2]	204.098	4378.478	4362.459	0.000	4361.451	G[40]
R[3]	300.199	4321.457	4305.438	4.306	4304.430	R[39]
K[4]	417.220	4185.395	4149.237	4150.345	4148.329	K[38]
K[5]	545.115	4108.334	4092.315	4093.323	4091.307	K[37]
Q[6]	673.374	3980.239	3954.220	3955.228	3953.212	Q[36]
G[7]	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G[8]	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K[9]	915.512	3738.138	3722.119	3723.127	3721.111	K[33]
A[10]	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R[11]	1142.550	3539.905	3523.887	3524.895	3522.879	R[31]
A[12]	1211.937	3382.904	3366.885	3367.893	3365.877	A[30]
K[13]	1341.782	3311.867	3295.848	3296.856	3294.841	K[29]
A[14]	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K[15]	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T[16]	1641.952	2984.640	2968.621	2969.629	2967.614	T[26]
K[17]	1798.053	2883.592	2867.574	2868.582	2866.566	K[25]
S[18]	1889.095	2727.493	2711.473	2712.480	2710.465	S[24]
S[19]	1972.127	2640.459	2624.441	2625.448	2623.433	S[23]
R[20]	2128.228	2553.427	2537.409	2538.416	2536.401	R[22]
A[21]	2199.265	2397.328	2381.307	2382.315	2380.300	A[21]
G[22]	2256.287	2320.289	2310.270	2311.278	2309.263	G[20]
L[23]	2369.371	2269.268	2253.249	2254.257	2252.241	L[19]
Q[24]	2497.429	2156.194	2140.175	2141.173	2139.157	Q[18]
F[25]	2644.698	2078.125	2012.106	2013.114	2011.098	F[17]
P[26]	2741.551	1981.057	1955.038	1956.046	1954.030	P[16]
V[27]	2940.619	1784.004	1767.985	1768.993	1766.977	V[15]
G[28]	2997.641	1684.935	1668.917	1669.924	1667.909	G[14]
R[29]	3051.742	1627.914	1611.895	1612.903	1610.887	R[13]
V[30]	3152.810	1471.812	1455.794	1456.802	1454.786	V[12]
I[31]	3289.869	1372.744	1356.726	1357.734	1355.718	I[11]
R[32]	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L[33]	3569.054	1079.584	1063.566	1064.573	1062.558	L[9]
L[34]	3672.138	966.500	950.482	951.489	949.474	L[8]
R[35]	3828.239	853.416	837.398	838.405	836.390	R[7]
K[36]	3956.334	697.315	681.296	682.304	680.289	K[6]
G[37]	4013.366	599.232	583.213	584.220	582.194	G[5]
N[38]	4127.599	512.199	496.180	497.188	495.172	N[4]
V[39]	4260.402	398.156	382.137	383.145	381.129	V[3]
S[40]	4377.494	235.092	219.074	220.082	218.066	S[2]
E[41]	4506.537	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.18
- ▶ F113278.dat
- ▶ query=q70281.p1
- ▶ precursor=644.795370
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	w	#s1	#s2	c	AA
S	74.002	2054.204	2266.255	0.804	2245.781	S[41]
G	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	180.603	2161.232	2153.233	2153.236	2152.710	R[39]
G	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
G	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	385.703	1926.594	1918.584	1919.088	1918.080	G[35]
G	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	607.347	1692.959	1684.949	1685.453	1684.445	A[30]
K	671.395	1656.437	1648.428	1648.932	1647.924	K[29]
A	706.913	1592.900	1584.880	1584.884	1583.876	A[28]
K	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	899.535	1442.800	1434.791	1434.795	1433.787	R[25]
S	933.875	1384.249	1356.240	1356.744	1355.736	S[24]
S	986.567	1320.733	1312.724	1313.228	1312.220	S[23]
R	1084.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	1128.647	1153.648	1145.639	1146.143	1145.135	G[20]
L	1157.165	1138.137	1129.127	1127.632	1126.624	L[19]
Q	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	1322.753	1014.569	1006.557	1007.061	1006.053	F[17]
F	1371.279	941.053	933.043	933.546	932.519	F[16]
V	1420.813	892.500	884.496	885.000	883.992	V[15]
G	1466.224	842.971	834.962	835.466	834.458	G[14]
R	1527.874	814.461	806.451	806.955	805.947	R[13]
V	1576.909	736.410	728.401	728.905	727.897	V[12]
H	1645.438	688.876	678.868	679.372	678.363	H[11]
R	1723.489	618.346	610.337	610.841	609.833	R[10]
L	1780.031	540.296	532.286	532.790	531.782	L[9]
L	1838.573	483.754	475.743	476.248	475.240	L[8]
R	1914.623	427.212	419.202	419.706	418.698	R[7]
K	1978.671	349.161	341.152	341.656	340.648	K[6]
G	2067.181	285.114	277.104	277.608	276.600	G[5]
N	2094.203	256.603	248.594	249.098	248.090	N[4]
V	2145.736	199.562	191.552	192.056	191.048	V[3]
S	2189.261	118.050	110.041	110.544	109.535	S[2]
E	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.18
- ▶ F113278.dat
- ▶ query=q70281.p1
- ▶ precursor=644.795370
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1503.178	1497.830	0.672	1497.503	S 41
G 2	66.704	1460.164	1454.825	0.672	1454.458	G 40
R 3	120.738	1441.157	1435.817	1436.153	1435.485	R 39
G 4	139.745	1389.123	1383.784	1384.120	1383.448	G 38
K 5	182.443	1370.116	1364.777	1365.113	1364.441	K 37
Q 6	226.139	1327.418	1322.079	1322.414	1321.743	Q 36
G 7	244.137	1284.922	1279.391	1279.728	1279.056	G 35
G 8	263.144	1266.725	1260.385	1260.721	1260.049	G 34
K 9	306.642	1246.717	1241.378	1241.714	1241.041	K 33
A 10	329.521	1204.019	1198.679	1199.015	1198.344	A 32
R 11	381.955	1158.960	1175.000	1175.336	1174.664	R 31
A 12	409.234	1128.306	1122.967	1122.301	1122.629	A 30
R 13	447.926	1104.027	1099.288	1099.624	1098.952	R 29
A 14	471.611	1061.929	1056.589	1056.925	1056.253	A 28
K 15	514.310	1036.250	1032.910	1033.246	1032.574	K 27
T 16	547.992	995.552	990.212	990.548	989.876	T 26
R 17	600.024	961.889	956.529	956.865	956.193	R 25
S 18	629.037	909.835	904.469	904.833	904.160	S 24
S 19	658.047	880.825	875.485	875.821	875.149	S 23
R 20	710.081	851.814	846.474	846.810	846.138	R 22
A 21	753.760	799.780	794.441	794.777	794.105	A 21
G 22	752.767	776.101	770.762	771.098	770.426	G 20
L 23	796.462	757.094	751.755	752.090	751.417	L 19
Q 24	833.148	719.589	714.060	714.396	713.724	Q 19
F 25	852.174	676.713	671.374	671.710	671.038	F 17
F 26	914.532	627.660	623.351	623.697	623.015	F 16
V 27	947.545	595.139	590.000	590.336	589.664	V 15
G 28	966.552	562.317	556.977	557.313	556.641	G 14
R 29	1018.585	543.306	537.970	538.306	537.634	R 12
V 30	1051.608	491.276	485.939	486.272	485.600	V 12
H 31	1097.294	458.253	452.913	453.249	452.577	H 11
R 32	1149.338	412.567	407.227	407.563	406.891	R 10
L 33	1187.023	360.533	355.193	355.529	354.857	L 9
L 34	1224.718	327.838	317.490	317.835	317.163	L 8
R 35	1276.731	286.144	279.869	280.149	279.466	R 7
K 36	1319.450	233.110	227.770	228.106	227.433	K 6
G 37	1338.457	190.412	185.072	185.408	184.736	G 5
N 38	1376.471	171.404	166.065	166.401	165.729	N 4
V 39	1430.826	133.390	128.051	128.386	127.713	V 3
S 40	1459.836	79.036	73.696	74.032	73.360	S 2
E 41	1502.830	30.025	44.685	45.021	44.349	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.18
- ▶ F113278.dat
- ▶ query=q70281.p1
- ▶ precursor=644.795370
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.535	1127.636	1121.631	0.755	1123.376	S 41
G 2	51.780	1095.375	1091.370	0.755	1091.118	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.863	R 39
G 4	105.061	1042.094	1038.090	1038.342	1037.839	G 38
K 5	137.004	1027.839	1023.834	1024.086	1023.583	K 37
G 6	169.099	995.815	991.811	992.062	991.559	G 36
G 7	183.354	983.801	979.796	980.048	979.544	G 35
G 8	197.610	949.545	945.541	945.792	945.289	G 34
K 9	229.633	935.290	931.285	931.537	931.033	K 33
A 10	247.323	903.266	899.261	899.513	899.009	A 32
R 11	286.418	885.507	881.502	881.754	881.250	R 31
A 12	328.177	846.482	842.477	842.729	842.225	A 30
R 13	336.201	844.564	840.559	840.811	840.307	R 29
A 14	353.040	796.699	792.694	792.946	792.442	A 28
K 15	365.984	778.939	774.935	775.187	774.683	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.894	717.649	717.901	717.397	R 25
S 18	472.039	682.628	678.624	678.876	678.372	S 24
S 19	483.787	660.870	656.865	657.117	656.614	S 23
R 20	532.813	639.112	635.108	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.320	578.315	578.575	578.071	G 20
L 23	593.096	568.072	564.068	564.320	563.816	L 19
G 24	625.113	539.801	535.797	536.049	535.545	G 18
F 25	663.880	507.787	503.782	504.034	503.530	F 17
F 26	686.143	471.020	467.015	467.267	466.763	F 16
V 27	710.910	446.756	442.752	443.004	442.500	V 15
G 28	725.105	421.989	417.985	418.237	417.733	G 14
R 29	764.191	407.734	403.729	403.981	403.477	R 13
V 30	788.988	386.709	382.704	382.956	382.452	V 12
H 31	823.273	343.942	339.937	340.189	339.685	H 11
R 32	862.248	309.677	305.672	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.790	242.381	238.376	238.628	238.124	L 8
R 35	957.815	214.110	210.105	210.357	209.853	R 7
K 36	989.839	175.884	171.880	172.132	171.628	K 6
G 37	1004.094	143.961	139.956	139.208	138.804	G 5
N 38	1032.605	128.805	124.800	125.052	124.548	N 4
V 39	1073.571	100.294	96.290	96.542	96.038	V 3
S 40	1095.129	59.529	55.524	55.776	55.272	S 2
E 41	1127.390	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=44.18
- ▶ F113278.dat
- ▶ query=q70281.p1
- ▶ precursor=644.795370
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	902.310	899.108	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.838	756.634	756.835	756.432	G[34]
K[9]	183.908	748.433	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.336	708.607	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
K[17]	360.418	577.524	574.321	574.522	574.119	K[25]
S[18]	377.825	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	528.898	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.530	357.607	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.589	334.791	334.388	G[14]
R[29]	611.554	326.389	323.185	323.386	322.983	R[13]
V[30]	631.368	295.168	291.965	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.109	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.283	168.487	168.084	R[7]
K[36]	782.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.877	114.650	111.446	111.648	111.245	G[5]
N[38]	826.286	103.246	100.042	100.243	99.840	N[4]
V[39]	858.898	80.437	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=44.18
- ▶ F113278.dat
- ▶ query=q70281.p1
- ▶ precursor=644.795370
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	25.352	752.093	749.433	0.839	749.295	S[41]
G[2]	34.856	730.586	727.916	0.839	727.748	G[40]
R[3]	60.873	721.082	718.412	718.580	718.244	R[39]
G[4]	70.376	695.065	692.396	692.563	692.228	G[38]
K[5]	91.725	685.562	682.892	683.060	682.724	K[37]
Q[6]	113.068	664.213	661.543	661.711	661.375	Q[36]
G[7]	122.572	642.866	640.200	640.368	640.032	G[35]
G[8]	132.076	633.366	630.698	630.864	630.526	G[34]
K[9]	153.428	623.862	621.193	621.360	621.025	K[33]
A[10]	165.264	602.513	599.843	600.011	599.675	A[32]
R[11]	191.281	590.074	588.004	588.172	587.836	R[31]
A[12]	203.121	564.657	561.987	562.155	561.819	A[30]
K[13]	224.470	552.817	550.147	550.315	549.980	K[29]
A[14]	236.309	531.468	528.798	528.966	528.630	A[28]
K[15]	257.658	519.629	516.959	517.127	516.791	K[27]
T[16]	274.500	498.279	495.610	495.778	495.442	T[26]
R[17]	300.517	481.438	478.768	478.936	478.600	R[25]
S[18]	313.022	455.421	452.752	452.919	452.584	S[24]
S[19]	329.227	440.916	438.246	438.414	438.078	S[23]
R[20]	355.544	426.411	423.741	423.909	423.573	R[22]
A[21]	367.384	400.394	397.724	397.892	397.556	A[21]
G[22]	376.887	388.554	385.884	386.052	385.716	G[20]
L[23]	395.735	379.051	376.381	376.549	376.213	L[19]
Q[24]	417.078	366.203	357.534	357.702	357.366	Q[18]
F[25]	441.589	338.866	336.196	336.364	336.028	F[17]
P[26]	457.765	314.349	311.679	311.847	311.511	P[16]
V[27]	474.276	298.173	295.504	295.672	295.336	V[15]
G[28]	483.779	281.662	278.992	279.160	278.824	G[14]
R[29]	509.986	272.158	269.488	269.657	269.321	R[13]
V[30]	526.308	246.142	243.472	243.640	243.304	V[12]
H[31]	549.151	229.630	226.960	227.128	226.792	H[11]
R[32]	575.168	206.787	204.117	204.285	203.949	R[10]
L[33]	594.015	180.770	178.100	178.268	177.932	L[9]
L[34]	612.862	161.923	159.253	159.421	159.085	L[8]
R[35]	638.879	143.075	140.406	140.574	140.238	R[7]
K[36]	660.228	117.059	114.389	114.557	114.221	K[6]
G[37]	669.732	95.709	93.040	93.208	92.872	G[5]
R[38]	688.739	86.206	83.536	83.704	83.368	R[4]
V[39]	715.936	87.199	84.529	84.697	84.361	V[3]
S[40]	730.422	40.021	37.352	37.520	37.184	S[2]
E[41]	751.929	25.516	22.846	23.014	22.678	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.30
- ▶ F113278.dat
- ▶ query=q70283.p1
- ▶ precursor=752.093420
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4507.521	4491.502	0.000	4490.494	S 41
G 2	304.098	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.220	4165.355	4149.337	4150.345	4148.329	G 38
K 5	545.315	4108.334	4092.315	4093.323	4091.307	K 37
Q 6	673.174	3989.239	3974.220	3965.228	3963.211	Q 36
G 7	730.395	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1147.650	3536.005	3520.987	3521.995	3521.979	R 31
A 12	1213.687	3392.904	3386.886	3387.893	3386.876	A 30
R 13	1341.782	3311.867	3295.848	3296.856	3294.841	R 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1798.063	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1889.909	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.127	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2128.228	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.265	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2286.287	2426.289	2410.270	2411.278	2409.261	G 20
L 23	2369.371	2369.268	2353.249	2354.257	2352.241	L 19
Q 24	2497.429	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2644.698	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2741.551	1881.057	1865.038	1866.046	1864.030	P 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3051.742	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3153.810	1519.833	1455.794	1456.802	1454.785	V 12
H 31	3289.869	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.509	950.482	951.489	949.474	L 8
R 35	3828.239	851.416	835.398	836.405	834.390	R 7
K 36	3956.314	697.315	681.298	682.304	680.289	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.100	497.108	495.172	N 4
V 39	4290.462	396.156	380.137	381.145	381.129	V 3
S 40	4377.494	235.092	219.074	220.082	218.066	S 2
E 41	4506.537	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.30
- ▶ F113278.dat
- ▶ query=q70283.p1
- ▶ precursor=752.093420
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	2754.364	2246.255	0.504	2245.751	S 41
G 2	102.563	2189.743	2181.731	0.504	2181.229	G 40
R 3	180.603	2161.732	2153.223	2153.726	2152.719	R 39
G 4	209.114	2083.181	2075.172	2075.676	2074.669	G 38
K 5	273.161	2054.671	2046.661	2047.165	2046.157	K 37
Q 6	337.193	1999.623	1992.613	1983.118	1982.111	Q 36
G 7	395.701	1926.584	1918.580	1919.088	1918.081	G 35
G 8	394.212	1898.083	1890.074	1890.578	1889.570	G 34
K 9	458.260	1869.672	1861.563	1862.067	1861.059	K 33
A 10	493.778	1805.625	1797.516	1798.019	1797.012	A 32
R 11	571.829	1770.096	1761.997	1762.501	1761.494	R 31
A 12	607.347	1693.956	1685.949	1686.453	1685.443	A 30
R 13	671.395	1656.437	1648.428	1648.932	1647.925	R 29
A 14	706.913	1592.390	1584.380	1584.884	1583.876	A 28
K 15	770.961	1556.671	1548.662	1549.166	1548.159	K 27
T 16	821.485	1492.824	1484.814	1485.318	1484.310	T 26
R 17	899.536	1442.300	1434.291	1434.794	1433.787	R 25
S 18	983.051	1394.249	1386.240	1356.744	1355.736	S 24
S 19	986.567	1320.733	1312.724	1313.228	1312.220	S 23
R 20	1064.618	1277.217	1269.208	1269.712	1268.704	R 22
A 21	1100.136	1199.087	1191.157	1191.661	1190.653	A 21
G 22	1128.647	1163.648	1155.639	1156.143	1155.135	G 20
L 23	1185.189	1136.137	1127.128	1127.632	1126.625	L 19
Q 24	1269.116	1078.595	1070.586	1071.090	1070.082	Q 19
F 25	1322.753	1014.569	1006.557	1007.061	1006.053	F 17
F 26	1371.279	941.032	933.023	933.526	932.519	F 16
V 27	1420.813	892.506	884.496	885.000	883.992	V 15
G 28	1449.324	842.071	834.062	834.566	834.456	G 14
R 29	1527.874	814.463	806.451	806.955	805.947	R 13
V 30	1576.909	738.410	728.401			V 12
H 31	1645.438	688.878	678.868	679.370	678.363	H 11
R 32	1723.489	618.346	610.337	610.841	609.833	R 10
L 33	1780.031	540.290	532.280	532.780	531.783	L 9
L 34	1836.573	483.754	475.744	476.248	475.241	L 8
R 35	1814.623	427.212	419.202	419.706	418.698	R 7
K 36	1978.671	349.161	341.152	341.656	340.648	K 6
G 37	2007.181	285.114	277.104	277.608	276.600	G 5
N 38	2064.203	256.603	248.594	249.098	248.090	N 4
V 39	2145.735	199.982	191.973	192.476	191.068	V 3
S 40	2189.251	118.050	110.041	110.544	109.537	S 2
E 41	2253.772	74.534	66.524	67.028	66.021	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.30
- ▶ F113278.dat
- ▶ query=q70283.p1
- ▶ precursor=752.093420
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1502.178	1487.830	0.872	1487.561	S[41]
G	2	86.704	1460.184	1454.925	0.672	1454.480	G[40]
R	3	1307.788	1441.157	1435.817	1436.153	1435.482	R[39]
G	4	139.745	1389.123	1383.784	1384.120	1383.446	G[38]
K	5	182.443	1370.110	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.733	1275.732		1278.728	G[35]
G	8	263.144	1265.725	1256.735	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.019	1199.015	1198.344	A[32]
R	11	381.555	1180.240	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.306	1122.987	1123.011	1122.833	A[30]
K	13	447.932	1104.627	1099.238	1099.624	1099.952	K[29]
A	14	491.611	1081.929	1056.589	1056.925	1056.251	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.602	995.552	990.212	990.548	989.876	T[26]
R	17	600.626	981.869	976.529	956.865	956.193	R[25]
S	18	629.917	959.835	954.485	954.519	954.160	S[24]
S	19	658.047	938.025	935.485	875.821	875.149	S[23]
R	20	710.081	951.614	946.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.101	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	789.682	759.094	751.754	752.090	751.419	L[19]
Q	24	833.148	733.366	724.000	714.968	713.224	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
P	26	914.522	627.600	622.261	622.887	622.015	P[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1013.666	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	490.276	485.038	486.272	485.600	V[12]
H	31	1097.294	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.316	317.489	317.826	317.154	L[8]
R	35	1275.753	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.290	128.051	128.386	127.715	V[3]
S	40	1459.836	98.136	93.000	93.336	92.664	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKATRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=46.30
- ▶ F113278.dat
- ▶ query=q70283.p1
- ▶ precursor=752.093420
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	s+1	s+2	c	AA	
S	1	37.505	1127.839	1123.831	0.759	1123.377	S[41]
G	2	51.780	1095.375	1091.370	0.755	1091.115	G[40]
R	3	90.805	1081.120	1077.115	1077.307	1076.861	R[39]
G	4	109.001	1042.094	1038.090	1038.342	1037.839	G[38]
K	5	137.084	1027.839	1023.834	1024.086	1023.582	K[37]
Q	6	169.059	995.815	991.811	992.297	991.559	Q[36]
G	7	193.254	983.303	979.796	980.048	979.544	G[35]
G	8	197.810	949.545	945.541	945.792	945.289	G[34]
K	9	239.633	935.290	931.285	931.537	931.033	K[33]
A	10	247.393	903.266	899.261	899.513	899.009	A[32]
R	11	286.418	895.507	891.502	891.754	891.250	R[31]
A	12	304.199	868.882	864.877	865.297	864.793	A[30]
K	13	336.201	828.722	824.718	824.970	824.466	K[29]
A	14	353.980	796.699	792.694	792.946	792.442	A[28]
K	15	385.984	778.939	774.935	775.187	774.683	K[27]
T	16	411.246	746.915	742.911	743.163	742.659	T[26]
R	17	458.274	721.894	717.889	717.901	717.397	R[25]
S	18	472.609	692.628	688.624	688.876	688.372	S[24]
S	19	493.787	660.870	656.866	657.118	656.614	S[23]
R	20	532.813	639.112	635.108	635.360	634.856	R[22]
A	21	550.572	600.087	596.082	596.334	595.830	A[21]
Q	22	564.827	582.328	578.323	578.575	578.071	Q[20]
L	23	593.098	568.072	564.068	564.320	563.816	L[19]
Q	24	625.113	539.801	535.797	536.049	535.545	Q[18]
F	25	661.880	507.787	503.782	504.034	503.530	F[17]
F	26	698.143	471.020	467.015	467.267	466.763	F[16]
V	27	710.910	446.756	442.752	443.004	442.500	V[15]
Q	28	725.169	421.989	417.985	418.237	417.733	Q[14]
R	29	764.181	389.734	385.729	385.981	385.477	R[13]
V	30	788.958	368.709	364.704	364.956	364.452	V[12]
H	31	823.223	343.942	339.937	340.189	339.685	H[11]
R	32	862.248	309.677	305.672	305.924	305.420	R[10]
L	33	890.519	270.652	266.647	266.899	266.395	L[9]
L	34	918.289	242.381	238.376	238.628	238.124	L[8]
R	35	957.815	214.110	210.105	210.357	209.853	R[7]
K	36	989.839	175.084	171.080	171.332	170.828	K[6]
G	37	1064.094	143.061	139.056	139.308	138.804	G[5]
N	38	1032.605	128.805	124.800	125.052	124.548	N[4]
V	39	1073.371	100.294	96.289	96.542	96.038	V[3]
S	40	1068.139	98.529	94.524	94.776	94.272	S[2]
E	41	1127.390	97.771	93.766	94.018	93.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=46.30
- ▶ F113278.dat
- ▶ query=q70283.p1
- ▶ precursor=752.093420
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	902.110	899.108	0.806	898.905	S	41
G	2	41.625	876.501	873.298	0.806	873.096	G	40
R	3	72.846	805.097	861.893	062.095	861.692	R	39
G	4	84.250	833.877	830.673	830.875	830.472	G	38
K	5	109.869	822.473	819.269	819.470	819.067	K	37
Q	6	135.481	796.854	793.650	793.851	793.448	Q	36
G	7	146.685	771.242	768.038	768.240	767.837	G	35
G	8	158.289	759.838	756.634	756.835	756.432	G	34
K	9	183.908	748.833	745.230	745.431	745.028	K	33
A	10	198.116	722.814	719.611	719.812	719.409	A	32
R	11	229.336	708.607	705.403	705.605	705.202	R	31
A	12	243.543	677.387	674.183	674.385	673.981	A	30
K	13	269.162	663.179	659.976	660.177	659.774	K	29
A	14	283.370	637.560	634.357	634.559	634.155	A	28
K	15	308.989	623.353	620.149	620.351	619.948	K	27
T	16	329.198	597.734	594.530	594.732	594.329	T	26
R	17	360.418	577.524	574.321	574.522	574.119	R	25
S	18	377.825	546.304	543.100	543.302	542.899	S	24
S	19	399.231	528.886	525.684	525.886	525.482	S	23
R	20	426.451	511.491	508.288	508.489	508.086	R	22
A	21	440.659	480.271	477.067	477.269	476.866	A	21
G	22	452.063	466.064	462.860	463.061	462.658	G	20
L	23	474.680	494.659	451.456	451.657	451.254	L	19
Q	24	500.292	432.043	428.839	429.040	428.637	Q	18
F	25	529.705	406.831	403.227	403.429	403.026	F	17
P	26	549.116	377.017	373.813	374.015	373.612	P	16
V	27	568.530	357.607	354.403	354.604	354.201	V	15
G	28	589.334	337.793	334.589	334.791	334.388	G	14
R	29	611.554	326.389	323.185	323.386	322.983	R	13
V	30	631.368	295.168	291.965	292.166	291.763	V	12
H	31	658.780	275.355	272.151	272.353	271.949	H	11
R	32	690.000	247.943	244.739	244.941	244.538	R	10
L	33	712.617	216.723	213.519	213.721	213.317	L	9
L	34	735.233	194.109	190.902	191.104	190.701	L	8
R	35	766.454	171.489	168.283	168.487	168.084	R	7
K	36	782.273	140.269	137.065	137.267	136.864	K	6
G	37	803.877	114.650	111.446	111.648	111.245	G	5
N	38	826.286	103.246	100.042	100.243	99.840	N	4
V	39	858.898	80.437	77.233	77.435	77.032	V	3
S	40	876.305	47.824	44.621	44.822	44.419	S	2
E	41	902.113	30.418	27.214	27.416	27.013	E	1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKATRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=73.90
- ▶ F113278.dat
- ▶ query=q70285.p1
- ▶ precursor=902.310680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.521	4491.502	0.000	4490.494	S[41]
G	2	304.098	4378.478	4362.459	0.000	4361.451	G[40]
R	3	360.199	4321.457	4305.438	4306.448	4304.430	R[39]
G	4	417.220	4165.355	4149.337	4150.345	4148.329	G[38]
K	5	543.315	4108.334	4092.315	4093.323	4091.307	K[37]
Q	6	673.374	3989.239	3974.220	3985.228	3983.212	Q[36]
G	7	730.395	3892.180	3876.162	3877.170	3875.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.138	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3536.005	3522.987	3523.995	3521.979	R[31]
A	12	1213.677	3382.904	3366.886	3367.893	3366.878	A[30]
K	13	1341.782	3311.867	3295.848	3296.856	3294.841	K[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1798.063	2883.562	2867.544	2868.552	2866.536	R[25]
S	18	1885.098	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	1972.127	2640.458	2624.441	2625.448	2623.433	S[23]
R	20	2128.228	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2199.265	2497.326	2481.307	2482.315	2480.300	A[21]
G	22	2286.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2369.371	2269.268	2253.249	2254.257	2252.241	L[19]
Q	24	2497.429	2156.184	2140.165	2141.173	2139.157	Q[18]
F	25	2644.698	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.551	1881.057	1865.038	1866.046	1864.031	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3053.742	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3153.810	1491.833	1455.794	1456.802	1454.785	V[12]
H	31	3289.869	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.138	966.509	950.482	951.489	949.474	L[8]
R	35	3828.239	853.416	837.398	838.405	836.390	R[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
G	37	4013.356	569.220	553.201	554.209	552.194	G[5]
N	38	4127.399	512.109	496.100	497.108	495.172	N[4]
V	39	4290.462	396.156	380.137	381.145	381.129	V[3]
S	40	4377.494	235.092	219.074	220.082	218.066	S[2]
E	41	4506.537	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=73.90
- ▶ F113278.dat
- ▶ query=q70285.p1
- ▶ precursor=902.310680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2054.264	2268.255	8.804	2245.781	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2161.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.671	2048.681	2047.105	2046.157	K[37]
G	6	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	385.703	1926.594	1915.583		1918.088	G[35]
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.050	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	609.897	1692.956	1683.945	1684.450	1683.443	A[30]
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.913	1592.900	1584.380	1584.884	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	869.829	1442.800	1434.791	1434.296	1433.287	R[25]
S	18	943.051	1384.249	1356.240	1356.744	1355.736	S[24]
S	19	986.567	1320.733	1312.724	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1153.648	1155.639	1156.143	1155.135	G[20]
L	23	1155.700	1138.137	1129.128	1129.632	1128.624	L[19]
Q	24	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	25	1322.753	1014.569	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.033	933.023	933.526	932.519	F[16]
V	27	1420.811	892.506	884.496	885.000	883.992	V[15]
G	28	1449.324	842.971	834.962	835.466	834.458	G[14]
R	29	1527.814	814.461	806.451	806.955	805.947	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.866	679.370	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.296	532.286	532.790	531.783	L[9]
L	34	1838.573	483.754	475.744	476.248	475.241	L[8]
R	35	1914.623	427.212	419.202	419.706	418.698	R[7]
K	36	1978.671	349.161	341.152	341.656	340.648	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.236	199.562	191.552	192.056	191.048	V[3]
S	40	2199.251	118.056	110.047	110.551	109.543	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGCGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=73.90
- ▶ F113278.dat
- ▶ query=q70285.p1
- ▶ precursor=902.310680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1503.178	1487.830	0.872	1487.561	S[41]
G	2	86.704	1495.184	1454.925	0.672	1454.480	G[49]
R	3	1307.788	1441.157	1435.817	1436.151	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.420	1383.448	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.019	1322.814	1321.742	G[36]
G	7	244.137	1284.783	1279.392	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.306	1122.967	1123.303	1122.631	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1098.952	K[29]
A	14	471.611	1061.929	1056.589	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.876	T[26]
R	17	600.626	961.869	956.529	956.865	956.193	R[25]
S	18	629.017	909.835	904.495	904.832	904.160	S[24]
S	19	658.047	880.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.105	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	780.482	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	733.366	728.026	728.362	727.690	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.522	627.600	622.261	622.597	621.925	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1013.556	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	490.275	485.036	485.372	484.700	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1234.718	322.576	317.236	317.572	316.900	L[8]
R	35	1276.751	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.390	128.051	128.387	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=73.90
- ▶ F113278.dat
- ▶ query=q70285.p1
- ▶ precursor=902.310680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	57.525	1127.636	1123.631	0.755	1123.379	G 41
G 2	51.780	1095.375	1091.370	0.755	1091.118	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.861	R 39
G 4	105.061	1042.094	1038.090	1038.342	1037.839	G 38
K 5	137.684	1027.839	1023.834	1024.086	1023.582	K 37
Q 6	189.099	995.815	991.811	992.062	991.559	Q 36
G 7	253.354	953.603	950.750	950.048	950.544	G 35
G 8	197.810	949.545	945.541	945.792	945.289	G 34
K 9	229.633	935.290	931.285	931.537	931.031	K 33
A 10	247.393	903.266	899.261	899.513	899.009	A 32
R 11	286.418	885.507	881.502	881.754	881.250	R 31
A 12	304.177	846.482	842.477	842.729	842.225	A 30
R 13	336.201	828.722	824.718	824.970	824.466	R 29
A 14	353.960	796.699	792.694	792.946	792.442	A 28
K 15	385.984	778.939	774.935	775.187	774.681	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.694	717.690	717.941	717.438	R 25
S 18	472.809	682.828	678.824	679.076	678.572	S 24
S 19	493.787	660.870	656.866	657.118	656.614	S 23
R 20	532.813	639.112	635.108	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.128	578.123	578.375	577.871	G 20
L 23	593.036	566.072	562.068	562.320	561.816	L 19
Q 24	625.113	539.803	535.799	536.049	535.545	Q 19
F 25	661.880	507.787	503.782	504.034	503.530	F 17
P 26	686.143	471.020	467.015	467.267	466.763	P 16
V 27	710.910	446.756	442.752	443.004	442.500	V 15
G 28	725.166	421.989	417.985	418.237	417.733	G 14
R 29	764.193	407.734	403.729	403.981	403.477	R 13
V 30	786.058	366.709	364.704	364.956	364.452	V 12
H 31	823.223	343.942	339.937	340.189	339.685	H 11
R 32	862.248	309.677	305.672	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.790	242.381	238.376	238.628	238.124	L 8
R 35	957.815	214.130	210.125	210.377	209.873	R 7
R 36	989.539	175.084	171.080	171.332	170.828	R 6
G 37	1004.094	143.061	139.056	139.308	138.804	G 5
N 38	1032.605	126.805	124.800	125.052	124.548	N 4
V 39	1073.371	100.294	96.290	96.542	96.038	V 3
S 40	1095.120	59.529	55.524	55.776	55.272	S 2
E 41	1127.390	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.14
- ▶ F113278.dat
- ▶ query=q70287.p1
- ▶ precursor=752.093610
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.921	4491.502	0.000	4490.484	S[41]
G	2	204.068	4378.478	4362.459	0.000	4361.451	G[40]
R	3	300.199	4321.467	4305.438	4.906	4304.430	R[39]
G	4	417.220	4185.355	4149.317	4150.345	4148.329	G[38]
K	5	545.315	4108.334	4062.315	4091.321	4091.307	K[37]
Q	6	673.374	3989.293	3964.250	3956.228	3963.211	Q[36]
G	7	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.138	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1213.687	3382.904	3366.886	3367.893	3365.877	A[30]
R	13	1381.782	3311.867	3295.848	3296.856	3294.841	R[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1541.962	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1708.063	2883.562	2867.544	2868.562	2866.546	R[25]
S	18	1885.008	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	1972.127	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2138.228	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2199.265	2397.345	2381.327	2382.335	2380.320	A[21]
Q	22	2256.287	2336.289	2310.270	2311.278	2309.263	Q[20]
L	23	2369.371	2299.268	2283.249	2284.257	2282.241	L[19]
Q	24	3007.429	2156.184	2140.165	2141.173	2139.157	Q[18]
F	25	3044.488	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.551	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2860.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
D	29	3013.742	1627.814	1611.795	1612.803	1610.787	D[13]
V	30	3152.810	1471.811	1455.794	1456.802	1454.786	V[12]
H	31	3289.869	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.489	949.474	L[8]
T	35	3838.239	853.418	837.398	838.405	836.390	T[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
G	37	4013.366	569.220	553.201	554.209	552.194	G[5]
N	38	4127.399	512.109	496.100	497.108	495.172	N[4]
V	39	4290.462	398.150	382.131	383.145	381.129	V[3]
S	40	4377.494	235.062	219.074	220.082	218.066	S[2]
E	41	4406.537	148.000	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.14
- ▶ F113278.dat
- ▶ query=q70287.p1
- ▶ precursor=752.093610
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA
S	74.062	2054.264	2268.255	8.804	2245.78	S[41]
G	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	180.603	2641.232	2153.233	2153.236	2152.710	R[39]
G	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
G	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	385.703	1926.594	1918.584	1919.088	1918.080	G[35]
G	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	577.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	607.337	1692.956	1684.946	1685.450	1684.442	A[30]
K	671.395	1656.437	1648.428	1648.932	1647.924	K[29]
A	706.913	1592.900	1584.890	1584.884	1583.876	A[28]
K	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	899.535	1442.800	1434.791	1434.784	1433.776	R[25]
S	933.853	1384.249	1356.240	1356.744	1355.736	S[24]
S	986.567	1320.733	1312.724	1313.228	1312.220	S[23]
R	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	1128.647	1153.648	1145.639	1156.143	1155.135	G[20]
L	1185.189	1138.137	1129.128	1127.119	1128.624	L[19]
G	1249.218	1078.595	1070.586	1071.090	1070.082	G[18]
F	1322.753	1014.569	1006.557	1007.061	1006.053	F[17]
F	1371.279	941.033	933.023	933.526	932.519	F[16]
V	1420.811	892.506	884.496	885.000	883.992	V[15]
G	1449.324	842.971	834.962	835.466	834.458	G[14]
R	1507.874	814.441	806.431	806.935	805.947	R[13]
V	1576.909	736.410	728.401	728.905	727.897	V[12]
H	1645.438	688.876	678.866	679.370	678.363	H[11]
R	1723.489	618.346	610.337	610.841	609.833	R[10]
L	1780.031	540.206	532.196	532.700	531.713	L[9]
L	1838.573	483.754	475.744	476.248	475.241	L[8]
R	1914.623	427.212	419.202	419.706	418.698	R[7]
K	1978.671	349.161	341.152	341.656	340.648	K[6]
G	2067.181	285.114	277.104	277.608	276.600	G[5]
N	2094.203	256.603	248.594	249.098	248.090	N[4]
V	2145.736	199.562	191.552	192.056	191.066	V[3]
S	2199.261	118.056	110.047	110.544	109.537	S[2]
E	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=39.14
- ▶ F113278.dat
- ▶ query=q70287.p1
- ▶ precursor=752.093610
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1503.178	1497.830	0.672	1497.503	S 41
G 2	68.704	1460.164	1454.825	0.672	1454.489	G 40
R 3	130.738	1441.157	1435.817	1436.153	1435.482	R 39
G 4	139.745	1389.123	1383.794	1384.120	1383.449	G 38
K 5	182.443	1370.116	1364.777	1365.113	1364.441	K 37
Q 6	235.330	1327.418	1322.471	1322.414	1321.743	Q 36
G 7	244.137	1284.732	1279.392	1279.728	1279.059	G 35
G 8	283.144	1265.725	1260.385	1260.721	1260.049	G 34
K 9	305.842	1246.717	1241.378	1241.714	1241.041	K 33
A 10	329.521	1204.019	1198.879	1199.015	1198.344	A 32
R 11	381.555	1189.240	1175.000	1175.336	1174.664	R 31
A 12	408.234	1128.308	1123.867	1123.903	1123.631	A 30
R 13	447.932	1104.627	1099.288	1099.624	1098.952	R 29
A 14	471.611	1061.929	1056.589	1056.925	1056.253	A 28
K 15	514.310	1038.250	1032.910	1033.246	1032.574	K 27
T 16	547.992	995.552	990.212	990.548	989.876	T 26
R 17	600.626	981.886	956.529	956.865	956.193	R 25
S 18	629.033	959.839	954.898	954.934	954.169	S 24
S 19	658.047	880.825	875.485	875.821	875.149	S 23
R 20	710.081	851.814	846.474	846.810	846.138	R 22
A 21	723.769	799.769	794.441	794.777	794.105	A 21
G 22	752.767	776.101	770.762	771.098	770.426	G 20
L 23	760.482	757.994	751.754	752.090	751.417	L 19
Q 24	813.168	719.399	714.060	714.396	713.724	Q 19
F 25	882.171	676.713	671.374	671.710	671.038	F 17
P 26	914.522	627.690	622.351	622.687	622.015	P 16
V 27	947.545	595.339	590.000	590.336	589.664	V 15
G 28	966.552	562.317	556.977	557.313	556.641	G 14
R 29	1013.096	543.305	537.966	538.302	537.630	R 13
V 30	1051.608	491.276	485.936	486.272	485.600	V 12
H 31	1097.294	458.253	452.913	453.249	452.577	H 11
R 32	1149.328	412.567	407.227	407.563	406.891	R 10
L 33	1187.023	360.533	355.193	355.529	354.857	L 9
L 34	1224.718	322.836	317.496	317.832	317.161	L 8
R 35	1276.151	285.144	279.804	280.140	279.468	R 7
R 36	1319.450	233.110	227.770	228.106	227.434	R 6
G 37	1338.467	190.412	185.072	185.408	184.736	G 5
N 38	1376.471	171.404	166.065	166.401	165.729	N 4
V 39	1430.826	133.390	128.051	128.387	127.715	V 3
S 40	1459.836	79.036	73.696	74.032	73.360	S 2
E 41	1502.850	50.025	44.685	45.021	44.349	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=39.14
- ▶ F113278.dat
- ▶ query=q70287.p1
- ▶ precursor=752.093610
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1127.636	1123.631	0.755	1123.370	S 41
G 2	51.780	1096.375	1091.370	0.755	1091.118	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.861	R 39
G 4	105.061	1042.094	1038.090	1038.342	1037.838	G 38
K 5	137.084	1027.839	1023.834	1024.086	1023.582	K 37
Q 6	189.099	995.815	991.811	992.062	991.559	Q 36
G 7	253.354	953.903	950.900	960.048	959.545	G 35
G 8	397.610	949.545	945.541	945.792	945.289	G 34
K 9	229.633	935.290	931.286	931.537	931.031	K 33
A 10	247.393	903.266	899.261	899.513	899.009	A 32
R 11	286.418	895.507	891.502	891.754	891.250	R 31
A 12	304.177	846.868	842.871	842.729	842.225	A 30
R 13	336.201	828.722	824.718	824.970	824.466	R 29
A 14	353.960	796.699	792.694	792.946	792.442	A 28
K 15	385.984	778.939	774.935	775.187	774.681	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.684	717.680	717.901	717.397	R 25
S 18	472.029	692.828	678.824	679.076	678.572	S 24
S 19	493.787	660.870	656.866	657.118	656.614	S 23
R 20	532.813	639.112	635.108	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.128	578.123	578.375	577.871	G 20
L 23	603.036	566.072	562.068	562.320	561.816	L 19
Q 24	625.113	539.804	535.797	536.049	535.545	Q 19
F 25	661.880	507.787	503.782	504.034	503.530	F 17
P 26	686.143	471.020	467.015	467.267	466.761	P 16
V 27	710.910	446.756	442.752	443.004	442.500	V 15
G 28	725.166	421.989	417.985	418.237	417.733	G 14
R 29	764.191	407.734	403.729	404.000	403.477	R 13
V 30	788.058	368.709	364.704	364.956	364.452	V 12
H 31	823.223	343.942	339.937	340.189	339.685	H 11
R 32	862.248	309.677	305.672	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.790	242.381	238.376	238.628	238.124	L 8
R 35	957.545	214.130	210.125	210.377	209.873	R 7
R 36	989.839	175.084	171.080	171.332	170.828	R 6
G 37	1004.094	143.061	139.056	139.308	138.804	G 5
N 38	1032.605	126.805	124.800	125.052	124.548	N 4
V 39	1073.371	100.294	96.290	96.542	96.038	V 3
S 40	1095.120	59.529	55.524	55.776	55.272	S 2
E 41	1127.390	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=39.14
- ▶ F113278.dat
- ▶ query=q70287_p1
- ▶ precursor=752.093610
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.845	865.097	861.893	862.095	861.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
G[6]	135.481	798.262	793.650	793.851	793.448	G[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.837	756.634	756.835	756.432	G[34]
K[9]	183.908	748.433	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.336	708.609	705.405	705.605	705.202	R[31]
A[12]	243.943	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.625	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	529.898	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.088	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.930	357.607	354.403	354.604	354.201	V[15]
G[28]	580.334	337.793	334.589	334.791	334.388	G[14]
R[29]	611.554	326.389	323.185	323.386	322.983	R[13]
V[30]	631.368	299.168	295.965	296.166	295.763	V[12]
H[31]	658.780	275.350	272.147	272.349	271.946	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.108	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.285	168.487	168.084	R[7]
K[36]	792.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.477	114.650	111.446	111.648	111.245	G[5]
N[38]	826.286	103.246	100.042	100.243	99.840	N[4]
Y[39]	858.898	80.437	77.233	77.435	77.032	Y[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.04
- ▶ F113278.dat
- ▶ query=q70288.p1
- ▶ precursor=902.311020
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4507.521	4491.503	0.000	4490.486	S 41
G 2	204.068	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4317.457	4305.438	4308.446	4304.438	R 39
G 4	417.220	4165.355	4149.337	4150.345	4148.329	G 38
K 5	545.315	4108.334	4092.315	4093.323	4091.307	K 37
Q 6	673.374	3985.238	3969.220	3965.228	3963.211	Q 36
G 7	730.395	3852.080	3836.100	3837.110	3835.150	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3736.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.650	3539.095	3522.987	3523.995	3521.979	R 31
A 12	1213.687	3382.904	3366.885	3367.893	3365.877	A 30
R 13	1341.782	3311.867	3295.848	3296.856	3294.841	R 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1798.063	2863.592	2847.573	2848.582	2846.566	R 25
S 18	1883.959	2797.494	2781.475	2782.483	2780.467	S 24
S 19	1972.127	2640.459	2624.441	2625.448	2623.433	S 23
R 20	2138.228	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.205	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2256.287	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2309.271	2209.260	2203.240	2204.247	2202.241	L 19
Q 24	3007.429	2158.184	2142.165	2143.173	2141.157	Q 19
F 25	3644.498	2028.125	2012.106	2013.114	2011.099	F 17
F 26	2741.551	1881.057	1865.038	1866.046	1864.030	F 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3633.742	1627.824	1611.805	1612.803	1610.787	R 12
V 30	3152.810	1471.813	1455.794	1456.802	1454.787	V 12
H 31	3289.869	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.500	950.482	951.489	949.474	L 8
R 35	3638.239	853.418	837.399	838.406	836.390	R 7
K 36	3956.334	697.315	681.296	682.304	680.289	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.180	497.188	495.172	N 4
V 39	4290.462	398.158	382.139	383.145	381.129	V 3
S 40	4377.494	235.082	219.074	220.082	218.066	S 2
E 41	4408.537	148.060	132.043	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.04
- ▶ F113278.dat
- ▶ query=q70288.p1
- ▶ precursor=902.311020
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	2754.364	2246.255	0.504	2245.751	S 41
G 2	102.563	2189.743	2181.731	0.504	2181.229	G 40
R 3	180.603	2181.732	2153.229	2153.726	2152.719	R 39
G 4	209.114	2083.181	2075.172	2075.676	2074.669	G 38
K 5	273.161	2054.671	2046.661	2047.165	2046.157	K 37
Q 6	337.193	1926.623	1892.612	1893.116	1892.110	Q 36
G 7	365.703	1926.594	1918.584	1919.088	1915.082	G 35
G 8	394.212	1898.083	1890.074	1890.578	1889.570	G 34
K 9	458.260	1869.672	1861.563	1862.067	1861.059	K 33
A 10	493.778	1805.625	1797.516	1798.019	1797.012	A 32
R 11	571.829	1770.096	1761.997	1762.501	1761.493	R 31
A 12	607.347	1693.956	1683.949	1684.453	1683.445	A 30
R 13	671.395	1656.437	1648.428	1648.932	1647.925	R 29
A 14	706.913	1592.390	1584.380	1584.884	1583.876	A 28
K 15	770.961	1556.671	1548.662	1549.166	1548.159	K 27
T 16	821.485	1492.824	1484.814	1485.318	1484.310	T 26
R 17	869.526	1454.300	1446.290	1446.794	1445.787	R 25
S 18	943.051	1394.249	1356.240	1356.744	1355.736	S 24
S 19	986.567	1320.731	1312.724	1313.228	1312.220	S 23
R 20	1064.618	1277.217	1269.208	1269.712	1268.704	R 22
A 21	1100.136	1199.067	1191.057	1191.561	1190.553	A 21
G 22	1128.647	1163.648	1155.639	1156.143	1155.135	G 20
L 23	1185.398	1136.137	1127.128	1127.632	1126.624	L 19
Q 24	1249.218	1078.595	1070.586	1071.090	1070.082	Q 19
F 25	1322.753	1014.569	1006.557	1007.061	1006.053	F 17
P 26	1371.279	941.032	933.023	933.526	932.519	P 16
V 27	1420.813	892.506	884.496	885.000	883.992	V 15
G 28	1449.324	842.071	834.062	835.066	834.058	G 14
R 29	1527.874	814.463	806.453	806.955	805.947	R 13
V 30	1576.909	738.410	729.401	730.405	727.397	V 12
H 31	1595.438	688.878	678.868	679.870	678.863	H 11
R 32	1723.489	618.346	610.337	610.841	609.833	R 10
L 33	1780.031	540.290	532.280	532.780	531.783	L 9
L 34	1836.573	483.754	475.744	476.748	475.741	L 8
R 35	1814.623	427.212	419.202	419.706	418.698	R 7
K 36	1978.671	349.161	341.152	341.656	340.648	K 6
G 37	2007.181	285.114	277.104	277.608	276.600	G 5
N 38	2064.203	256.603	248.594	249.098	248.090	N 4
V 39	2145.735	199.582	191.573	192.076	191.068	V 3
S 40	2189.251	118.050	110.041	110.544	109.537	S 2
E 41	2253.772	74.534	66.524	67.028	66.021	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.04
- ▶ F113278.dat
- ▶ query=q70288.p1
- ▶ precursor=902.311020
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	#s	AA	
S	1	48.607	1502.118	1497.839	0.872	1497.563	S[41]
G	2	86.704	1460.164	1454.575	0.672	1454.450	G[40]
R	3	130.718	1841.157	1435.817	1430.153	1435.482	R[39]
G	4	139.745	1389.123	1383.784	1384.120	1383.446	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.761	G[36]
G	7	264.137	1284.733	1279.392	1278.728	1279.056	G[35]
G	8	263.144	1265.725	1260.585	1260.721	1260.049	G[34]
K	9	305.842	1246.717	1241.578	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.079	1199.015	1198.344	A[32]
R	11	381.555	1180.390	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.206	1123.007	1123.303	1122.631	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1098.951	K[29]
A	14	491.611	1081.029	1076.539	1076.625	1076.251	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.870	T[26]
R	17	600.626	981.869	976.529	976.865	976.187	R[25]
S	18	629.017	959.835	954.495	954.832	954.160	S[24]
S	19	658.047	980.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.101	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	786.482	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	739.305	734.000	734.306	733.721	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.522	627.600	622.351	622.687	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1013.555	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	490.275	485.036	485.372	484.699	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1234.718	322.876	317.489	317.825	317.153	L[8]
R	35	1276.751	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1378.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.390	128.051	128.387	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

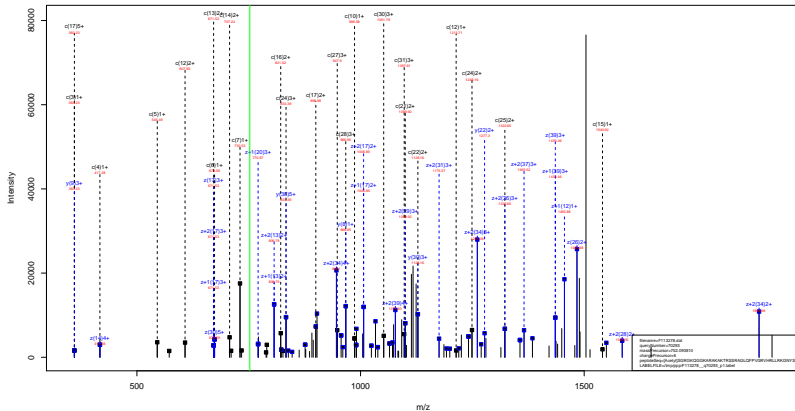
[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=46.04
- ▶ F113278.dat
- ▶ query=q70288.p1
- ▶ precursor=902.311020
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	m	p	#s=1	#s=2	#s	AA
S	1	37.505	1127.636	1123.631	0.705	1123.370	0.541	G40
G	2	51.780	1026.375	1091.370	0.795	1021.110	0.460	R30
R	3	90.805	1081.120	1077.115	1077.367	1076.861	R30	
G	4	105.061	1042.094	1038.090	1038.342	1037.830	G38	
K	5	137.064	1027.839	1021.834	1024.086	1023.587	K37	
G	6	169.059	995.915	991.911	992.062	991.559	Q36	
G	7	183.354	983.361	980.356	980.508	979.544	G35	
G	8	197.610	949.545	945.541	945.792	945.289	G34	
K	9	239.613	935.290	931.285	931.537	931.033	K33	
A	10	247.393	903.266	899.261	899.513	899.009	A32	
R	11	286.418	895.507	891.502	891.754	891.250	R31	
A	12	304.199	868.482	864.477	864.729	864.225	A30	
K	13	336.201	828.722	824.718	824.970	824.466	K29	
A	14	353.980	796.699	792.694	792.946	792.442	A28	
K	15	385.984	778.939	774.935	775.187	774.683	K27	
T	16	411.246	746.915	742.911	743.163	742.659	T26	
R	17	459.271	721.954	717.949	717.901	717.301	R25	
S	18	472.609	692.626	688.621	688.873	688.370	S24	
S	19	493.787	660.970	656.966	657.118	656.614	S23	
R	20	532.813	639.112	635.108	635.360	634.856	R22	
A	21	550.572	600.087	596.082	596.334	595.830	A21	
G	22	564.827	582.328	578.323	578.575	578.071	G20	
L	23	593.098	568.072	564.068	564.320	563.816	L19	
Q	24	625.113	539.801	535.797	536.049	535.545	Q18	
F	25	661.880	507.787	503.782	504.034	503.530	F17	
F	26	698.143	471.020	467.015	467.267	466.763	F16	
V	27	710.910	446.756	442.752	443.004	442.500	V15	
G	28	725.169	421.989	417.985	418.237	417.733	G14	
R	29	764.181	389.734	385.729	385.981	385.477	R13	
V	30	788.958	368.709	364.704	364.956	364.452	V12	
H	31	823.223	343.942	339.937	340.189	339.685	H11	
R	32	862.248	309.677	305.672	305.924	305.420	R10	
L	33	890.519	270.652	266.647	266.899	266.395	L9	
L	34	918.369	242.381	238.376	238.628	238.124	L8	
R	35	937.815	214.110	210.105	210.357	209.853	R7	
K	36	989.839	175.084	171.080	171.332	170.828	K6	
G	37	1064.094	143.061	139.056	139.308	138.804	G5	
N	38	1032.605	128.805	124.800	125.052	124.548	N4	
V	39	1073.371	100.294	96.289	96.542	96.038	V3	
S	40	1095.419	98.529	94.524	94.776	94.272	S2	
E	41	1127.590	97.771	93.766	94.018	93.514	E1	

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKATRSSRAGLQFPVGRVHLLRKGNYSE



sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.49
- ▶ F113278.dat
- ▶ query=q70293.p1
- ▶ precursor=752.093810
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4507.521	4491.502	0.000	4490.494	S 41
G 2	304.098	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.220	4165.355	4149.337	4150.345	4148.329	G 38
K 5	545.315	4108.334	4092.315	4093.323	4091.307	K 37
Q 6	673.174	3989.239	3974.220	3985.228	3983.212	Q 36
G 7	730.395	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1147.050	3536.005	3522.987	3523.995	3521.979	R 31
A 12	1213.687	3392.904	3386.886	3387.893	3386.876	A 30
K 13	1341.782	3311.867	3295.848	3296.856	3294.841	K 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1541.962	2984.640	2968.621	2969.629	2967.614	T 26
K 17	1798.063	2883.592	2867.574	2868.582	2866.566	K 25
S 18	1885.098	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.127	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2128.228	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.265	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2286.287	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2369.371	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2497.429	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2644.498	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2741.551	1881.057	1865.038	1866.046	1864.030	P 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.742	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3153.810	1518.833	1455.794	1456.802	1454.785	V 12
H 31	3289.869	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.500	950.482	951.489	949.474	L 8
R 35	3828.239	853.416	837.398	838.405	836.390	R 7
K 36	3956.334	697.315	681.298	682.304	680.289	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.100	497.108	495.172	N 4
V 39	4290.462	396.156	380.137	381.145	381.129	V 3
S 40	4377.494	235.092	219.074	220.082	218.066	S 2
E 41	4506.537	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.49
- ▶ F113278.dat
- ▶ query=q70293.p1
- ▶ precursor=752.093810
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2034.264	2266.255	0.804	2245.78	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2641.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
G	6	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	385.703	1706.594	1619.584	1619.088	1618.081	G[35]
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.347	1692.956	1684.946	1685.450	1684.443	A[30]
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.913	1592.900	1584.890	1584.884	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	899.535	1442.800	1434.790	1435.294	1434.287	R[25]
S	18	903.875	1384.249	1356.240	1356.744	1355.736	S[24]
S	19	986.567	1330.733	1312.724	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1153.648	1145.639	1146.143	1145.135	G[20]
L	23	1155.709	1138.137	1129.128	1129.632	1128.624	L[19]
Q	24	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	25	1322.753	1014.569	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.033	933.023	933.526	932.519	F[16]
V	27	1420.811	892.506	884.496	885.000	883.992	V[15]
G	28	1469.324	842.971	834.961	835.465	834.457	G[14]
R	29	1527.834	814.481	806.451	806.955	805.947	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.866	679.370	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.296	532.286	532.790	531.783	L[9]
L	34	1838.573	489.754	479.744	479.248	478.241	L[8]
R	35	1914.623	427.212	419.202	419.706	418.698	R[7]
K	36	1978.671	349.161	341.152	341.656	340.648	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.736	199.562	191.552	192.056	191.048	V[3]
S	40	2199.261	118.056	110.046	110.550	109.543	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.49
- ▶ F113278.dat
- ▶ query=q70293.p1
- ▶ precursor=752.093810
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	48.607	1502.178	1487.830	0.872	1487.567	S[41]
G	2	86.704	1460.184	1454.935	0.672	1454.480	G[40]
R	3	1307.788	1441.157	1435.817	1436.153	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.120	1383.440	G[38]
K	5	182.443	1370.118	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.732	1279.392	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.240	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.206	1122.967	1123.303	1122.631	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1099.952	K[29]
A	14	471.611	1061.929	1056.589	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.876	T[26]
R	17	600.626	961.869	956.529	956.865	956.193	R[25]
S	18	629.017	909.835	904.485	904.821	904.150	S[24]
S	19	658.047	880.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.105	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	790.462	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	733.305	727.965	728.301	727.629	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.261	622.597	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1013.559	443.309	437.970	438.306	437.634	R[13]
V	30	1051.608	401.275	405.936	406.272	405.600	V[12]
H	31	1097.294	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.567	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1234.718	322.378	317.038	317.374	316.702	L[8]
R	35	1276.752	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.290	128.051	128.387	127.715	V[3]
S	40	1459.836	98.136	93.000	93.336	92.664	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.49
- ▶ F113278.dat
- ▶ query=q70293.p1
- ▶ precursor=752.093810
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1127.636	4123.631	0.795	1123.376	S[41]
G	2	51.780	1095.375	1091.370	0.795	1091.118	G[40]
R	3	90.805	1081.120	1077.115	1077.367	1076.863	R[39]
C	4	105.061	1042.094	1038.089	1038.342	1037.838	C[38]
K	5	137.684	1027.839	1023.834	1024.086	1023.582	K[37]
Q	6	169.059	995.615	991.611	992.062	991.559	Q[36]
G	7	183.354	963.601	959.596	960.048	959.544	G[35]
G	8	197.610	949.545	945.541	945.792	945.289	G[34]
K	9	229.613	935.290	931.285	931.537	931.033	K[33]
A	10	247.303	903.266	899.261	899.513	899.009	A[32]
R	11	289.418	888.307	884.302	884.754	884.250	R[31]
A	12	304.177	846.482	842.477	842.729	842.225	A[30]
K	13	336.201	828.722	824.718	824.970	824.466	K[29]
A	14	353.960	796.689	792.694	792.946	792.442	A[28]
K	15	385.984	778.939	774.935	775.187	774.683	K[27]
T	16	411.246	746.915	742.911	743.163	742.659	T[26]
K	17	450.271	721.684	717.680	717.901	717.397	K[25]
S	18	472.659	682.828	678.824	678.876	678.372	S[24]
S	19	493.787	660.870	656.865	657.118	656.614	S[23]
R	20	532.813	639.112	635.108	635.360	634.856	R[22]
A	21	550.572	600.987	596.982	596.934	596.630	A[21]
G	22	564.827	582.328	578.323	578.575	578.071	G[20]
L	23	583.058	568.072	564.068	564.320	563.816	L[19]
Q	24	623.113	539.801	535.797	536.049	535.545	Q[18]
F	25	661.880	507.787	503.782	504.034	503.530	F[17]
P	26	686.143	471.020	467.015	467.267	466.763	P[16]
V	27	710.910	446.756	442.752	443.004	442.500	V[15]
G	28	725.166	421.989	417.985	418.237	417.733	G[14]
R	29	764.191	407.734	403.729	403.981	403.477	R[13]
V	30	788.958	368.709	364.704	364.956	364.452	V[12]
I	31	823.223	343.842	339.837	340.089	339.585	I[11]
R	32	862.548	309.677	305.672	305.924	305.420	R[10]
L	33	890.519	270.652	266.647	266.899	266.395	L[9]
L	34	918.790	242.981	238.976	239.228	238.724	L[8]
R	35	957.815	214.110	210.105	210.357	209.853	R[7]
K	36	989.839	175.084	171.080	171.332	170.828	K[6]
C	37	1043.954	143.261	139.256	139.508	138.904	C[5]
N	38	1032.605	128.805	124.800	125.052	124.548	N[4]
V	39	1073.371	100.294	96.290	96.542	96.038	V[3]
S	40	1095.129	59.629	55.524	55.776	55.272	S[2]
E	41	1127.990	37.771	33.766	34.018	33.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

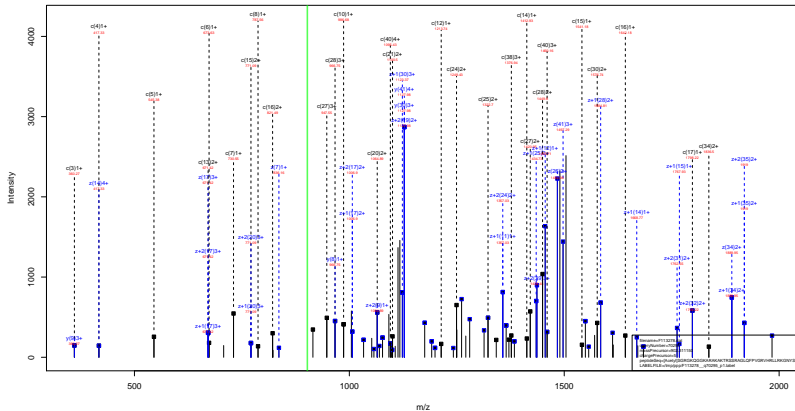
[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.49
- ▶ F113278.dat
- ▶ query=q70293.p1
- ▶ precursor=752.093810
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.892	R[39]
G[4]	84.250	833.877	830.673	830.675	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.238	756.034	756.235	755.832	G[34]
K[9]	181.908	748.431	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.336	708.607	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.625	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	528.896	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	468.064	464.860	465.061	464.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.045	428.839	429.040	428.637	Q[18]
F[25]	529.705	408.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.930	357.607	354.403	354.604	354.201	V[15]
G[28]	580.334	337.793	334.589	334.791	334.388	G[14]
R[29]	611.554	326.389	323.185	323.386	322.983	R[13]
V[30]	633.368	295.169	291.965	292.166	291.763	V[12]
H[31]	658.780	275.955	272.751	272.953	271.949	H[11]
R[32]	690.000	247.941	244.738	244.941	244.538	R[10]
L[33]	712.617	216.721	213.519	213.721	213.317	L[0]
L[34]	735.233	194.106	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.285	168.487	168.084	R[7]
K[36]	792.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.477	114.650	111.446	111.648	111.245	G[5]
N[38]	826.286	103.246	100.042	100.243	99.840	N[4]
V[39]	858.898	80.437	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE



sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.59
- ▶ F113278.dat
- ▶ query=q70295.p1
- ▶ precursor=902.311150
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4507.521	4491.502	0.000	4490.494	S 41
G 2	304.098	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.220	4165.355	4149.337	4150.345	4148.329	G 38
K 5	543.315	4108.334	4092.315	4093.323	4091.307	K 37
Q 6	673.374	3989.239	3974.220	3965.228	3963.212	Q 36
G 7	730.395	3892.180	3876.162	3877.170	3875.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1147.050	3536.005	3520.987	3521.995	3520.979	R 31
A 12	1213.687	3392.904	3376.886	3377.893	3376.878	A 30
K 13	1341.782	3311.867	3295.848	3296.856	3294.841	K 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1798.063	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1883.909	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.127	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2128.228	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.205	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2286.287	2426.289	2410.270	2411.278	2409.263	G 20
L 23	2369.371	2369.268	2353.249	2354.257	2352.241	L 19
Q 24	2497.429	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2644.698	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2741.551	1881.057	1865.038	1866.046	1864.030	P 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.742	1627.914	.011.893	1612.903	1610.887	R 13
V 30	3153.810	1519.833	1453.794	1454.802	1452.786	V 12
H 31	3289.869	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.500	950.482	951.489	949.474	L 8
R 35	3828.239	853.416	837.398	838.405	836.390	R 7
K 36	3956.334	697.315	681.298	682.304	680.289	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.100	497.108	495.172	N 4
V 39	4290.462	396.156	380.137	381.145	380.129	V 3
S 40	4377.494	235.092	219.074	220.082	218.066	S 2
E 41	4506.537	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.59
- ▶ F113278.dat
- ▶ query=q70295.p1
- ▶ precursor=902.311150
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2054.204	2266.205	0.804	2245.781	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2161.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.671	2046.681	2047.105	2046.157	K[37]
G	6	337.194	1990.621	1992.122	1983.118	1982.110	G[36]
G	7	385.703	1936.594	1918.584	1918.088	1918.081	G[35]
G	8	394.212	1898.081	1890.074	1890.576	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1763.009	1762.501	1761.493	R[31]
A	12	607.937	1692.995	1683.946	1684.450	1683.443	A[30]
K	13	671.395	1656.437	1648.428	1648.932	1647.924	K[29]
A	14	706.913	1592.900	1584.380	1584.884	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	899.526	1442.800	1434.291	1434.794	1433.787	R[25]
S	18	933.051	1384.249	1385.249	1376.744	1375.736	S[24]
S	19	986.567	1330.733	1332.734	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1103.648	1105.639	1106.143	1105.135	G[20]
L	23	1185.308	1038.337	1027.328	1127.832	1126.824	L[19]
Q	24	1249.218	1073.595	1075.596	1071.590	1070.082	Q[18]
F	25	1322.753	1014.569	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.033	933.023	933.526	932.519	F[16]
V	27	1420.813	892.500	884.496	885.000	883.992	V[15]
G	28	1449.324	842.971	834.962	835.466	834.458	G[14]
R	29	1527.874	814.481	806.471	806.975	805.967	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.868	679.372	678.364	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1760.031	540.206	532.196	532.700	531.692	L[9]
L	34	1836.573	483.754	475.743	476.246	475.238	L[8]
R	35	1914.623	427.212	419.202	419.706	418.698	R[7]
K	36	1978.671	349.161	341.152	341.656	340.648	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.236	199.562	191.552	192.056	191.048	V[3]
S	40	2189.261	118.056	110.047	110.551	109.543	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=75.59
- ▶ F113278.dat
- ▶ query=q70295.p1
- ▶ precursor=902.311150
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1502.118	1487.830	0.872	1497.52	S[41]
G	2	66.704	1460.164	1454.925	0.672	1454.450	G[40]
R	3	1307.718	1441.157	1435.817	1436.153	1435.482	R[39]
G	4	139.745	1389.123	1383.784	1384.120	1383.448	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.723	1279.382	1279.728	1279.056	G[35]
G	8	263.144	1245.925	1240.385	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	485.234	1128.206	1122.967	1123.303	1122.631	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1099.952	K[29]
A	14	491.611	1061.929	1056.539	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.602	995.552	990.212	990.548	989.870	T[26]
R	17	600.626	961.869	956.529	956.865	956.193	R[25]
S	18	629.917	909.835	904.495	904.832	904.160	S[24]
S	19	658.047	880.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.105	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	786.482	729.094	723.754	724.090	723.418	L[19]
Q	24	833.148	719.305	714.000	714.306	713.721	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.351	622.687	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1018.858	543.309	537.910	538.308	537.636	R[13]
V	30	1051.608	490.275	485.036	486.272	485.600	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.567	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1234.718	322.574	317.489	317.826	317.154	L[8]
R	35	1276.751	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.824	133.390	128.051	128.386	127.715	V[3]
S	40	1459.836	99.136	93.696	94.032	93.360	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=75.59
- ▶ F113278.dat
- ▶ query=q70295.p1
- ▶ precursor=902.311150
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	p	#s1	#s2	#s	AA
S[1]	37.505	1127.636	1123.631	0.705	1123.379	S[41]
G[2]	51.780	1095.375	1091.370	0.795	1091.112	G[40]
R[3]	90.805	1081.120	1077.115	1077.367	1076.863	R[39]
G[4]	109.001	1042.094	1038.090	1038.342	1037.839	G[38]
K[5]	137.064	1027.839	1023.834	1024.086	1023.582	K[37]
G[6]	169.099	995.915	991.911	992.062	991.559	G[36]
G[7]	183.354	983.303	979.300	979.552	979.049	G[35]
G[8]	197.610	949.545	945.541	945.792	945.289	G[34]
K[9]	239.633	935.290	931.285	931.537	931.033	K[33]
A[10]	247.393	903.266	899.261	899.513	899.010	A[32]
R[11]	286.418	895.507	891.502	891.754	891.250	R[31]
A[12]	304.177	866.842	862.837	862.939	862.243	A[30]
K[13]	336.201	828.722	824.718	824.970	824.466	K[29]
A[14]	353.960	796.699	792.694	792.946	792.442	A[28]
K[15]	385.984	778.939	774.935	775.187	774.683	K[27]
T[16]	411.246	746.915	742.911	743.163	742.659	T[26]
R[17]	459.271	721.954	717.949	717.901	717.30	R[25]
S[18]	472.609	692.629	688.624	688.876	688.372	S[24]
S[19]	493.787	660.970	656.966	657.118	656.614	S[23]
R[20]	532.613	639.112	635.108	635.360	634.856	R[22]
A[21]	550.572	600.087	596.082	596.334	595.830	A[21]
G[22]	564.827	582.329	578.323	578.575	578.071	G[20]
L[23]	593.098	668.072	664.068	664.320	663.816	L[19]
Q[24]	625.113	539.803	535.797	536.049	535.545	Q[18]
F[25]	661.880	507.797	503.792	504.034	503.530	F[17]
F[26]	698.143	471.020	467.015	467.267	466.763	F[16]
V[27]	710.910	446.756	442.752	443.004	442.500	V[15]
G[28]	725.169	421.989	417.985	418.237	417.733	G[14]
R[29]	764.181	389.734	385.729	385.981	385.477	R[13]
V[30]	788.958	368.709	364.704	364.956	364.452	V[12]
H[31]	823.223	343.942	339.937	340.189	339.685	H[11]
R[32]	862.248	309.677	305.672	305.924	305.420	R[10]
L[33]	890.519	270.652	266.647	266.899	266.395	L[9]
L[34]	918.399	242.361	238.356	238.608	238.104	L[8]
R[35]	937.815	214.110	210.105	210.357	209.853	R[7]
K[36]	989.839	175.084	171.080	171.332	170.828	K[6]
G[37]	1064.094	143.061	139.056	139.308	138.804	G[5]
N[38]	1032.605	128.805	124.800	125.052	124.548	N[4]
V[39]	1172.874	100.294	96.289	96.542	96.038	V[3]
S[40]	1095.129	98.529	95.524	95.776	95.272	S[2]
E[41]	1127.390	97.771	93.766	94.018	93.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.26
- ▶ F113278.dat
- ▶ query=q70297_p1
- ▶ precursor=752.093860
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.676	4507.521	4491.502	0.000	4490.494	S 41
G 2	304.098	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.220	4165.355	4149.337	4150.345	4148.329	G 38
K 5	545.315	4108.334	4092.315	4093.323	4091.307	K 37
Q 6	673.174	3989.239	3974.220	3985.228	3983.212	Q 36
G 7	730.395	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.650	3536.005	3522.987	3523.995	3521.979	R 31
A 12	1213.687	3382.904	3366.886	3367.893	3366.878	A 30
R 13	1541.782	3311.867	3295.848	3296.856	3294.841	R 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3112.735	3096.716	3097.724	3095.709	K 27
T 16	1641.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1798.063	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1885.098	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.127	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2128.228	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.265	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2286.287	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2369.371	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2497.429	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2644.698	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2741.551	1881.057	1865.038	1866.046	1864.031	P 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.742	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3153.810	1491.833	1455.794	1456.802	1454.785	V 12
H 31	3289.869	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3672.138	966.500	950.482	951.489	949.474	L 8
R 35	3828.239	853.416	837.398	838.405	836.390	R 7
K 36	3956.334	697.315	681.296	682.304	680.289	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.100	497.108	495.172	N 4
V 39	4290.462	396.156	380.137	381.145	381.129	V 3
S 40	4377.494	235.092	219.074	220.082	218.066	S 2
E 41	4506.537	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.26
- ▶ F113278.dat
- ▶ query=q70297.p1
- ▶ precursor=752.093860
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	2754.364	2246.255	0.504	2245.751	S 41
G 2	102.563	2189.743	2181.731	0.504	2181.229	G 40
R 3	180.603	2161.732	2153.223	2153.726	2152.719	R 39
G 4	209.114	2083.181	2075.172	2075.676	2074.669	G 38
K 5	273.161	2054.671	2046.661	2047.165	2046.157	K 37
Q 6	337.193	1999.623	1992.613	1983.118	1992.111	Q 36
G 7	365.703	1928.584	1918.582	1919.089	1918.081	G 35
G 8	394.212	1898.083	1890.074	1890.578	1889.570	G 34
K 9	458.260	1869.672	1861.563	1862.067	1861.059	K 33
A 10	493.778	1805.525	1797.510	1798.019	1797.012	A 32
R 11	574.829	1770.066	1761.997	1762.501	1761.490	R 31
A 12	607.347	1691.966	1683.949	1684.450	1683.443	A 30
R 13	671.395	1656.437	1648.426	1648.932	1647.924	R 29
A 14	706.913	1592.390	1584.380	1584.884	1583.876	A 28
K 15	770.961	1556.671	1548.662	1549.366	1548.359	K 27
T 16	821.485	1492.824	1484.814	1485.318	1484.310	T 26
R 17	899.535	1454.300	1446.289	1446.794	1445.787	R 25
S 18	933.651	1394.249	1356.240	1356.744	1355.736	S 24
S 19	986.567	1320.733	1312.724	1313.228	1312.220	S 23
R 20	1064.618	1277.217	1269.208	1269.712	1268.704	R 22
A 21	1109.136	1199.067	1191.157	1191.661	1190.657	A 21
G 22	1128.647	1163.648	1155.630	1156.143	1155.135	G 20
L 23	1159.709	1136.137	1127.128	1127.632	1126.624	L 19
Q 24	1249.218	978.595	1070.586	1071.090	1070.082	Q 19
F 25	1322.753	1014.569	1006.557	1007.061	1006.053	F 17
F 26	1371.279	941.032	933.023	933.526	932.519	F 16
V 27	1420.813	892.506	884.496	885.000	883.992	V 15
G 28	1449.324	842.671	834.662	835.166	834.158	G 14
R 29	1527.274	814.463	806.451	806.955	805.947	R 13
V 30	1576.809	738.410	728.401	728.904	727.897	V 12
H 31	1645.438	688.876	678.868	679.370	678.363	H 11
R 32	1723.489	618.346	610.337	610.841	609.833	R 10
L 33	1780.031	540.290	532.280	532.790	531.783	L 9
L 34	1836.573	483.754	475.744	476.248	475.241	L 8
R 35	1814.623	427.212	419.202	419.706	418.699	R 7
R 36	1978.671	349.161	341.152	341.656	340.648	R 6
G 37	2007.181	285.114	277.104	277.608	276.600	G 5
N 38	2064.203	256.603	248.594	249.098	248.090	N 4
V 39	2145.735	199.582	191.573	192.076	191.069	V 3
S 40	2189.251	118.050	110.041	110.544	109.537	S 2
E 41	2253.772	74.534	66.524	67.028	66.021	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.26
- ▶ F113278.dat
- ▶ query=q70297_p1
- ▶ precursor=752.093860
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	48.607	1502.178	1497.839	8.872	2497.561	S[41]
G	2	86.704	1460.184	1454.225	0.672	1454.480	G[40]
R	3	1307.180	1441.157	1435.817	1436.153	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.420	1383.448	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	264.137	1284.732	1279.392	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.010	1198.670	1199.015	1198.344	A[32]
R	11	361.555	1180.240	1175.000	1175.336	1174.664	R[31]
A	12	409.254	1138.306	1132.966	1133.302	1132.631	A[30]
K	13	447.932	1104.527	1099.288	1099.624	1098.952	K[29]
A	14	491.611	1061.029	1056.539	1056.925	1056.251	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.602	995.552	990.212	990.548	989.876	T[26]
R	17	606.626	961.869	956.529	956.865	956.193	R[25]
S	18	628.019	959.835	954.495	954.831	954.160	S[24]
S	19	658.047	938.025	875.485	875.821	875.149	S[23]
R	20	710.081	951.014	846.474	846.810	846.138	R[22]
A	21	731.190	799.780	794.441	794.777	794.106	A[21]
G	22	752.787	776.101	770.762	771.098	770.426	G[20]
L	23	796.462	759.094	753.754	754.090	753.419	L[19]
Q	24	833.148	733.305	724.960	724.396	723.724	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.261	622.607	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1018.905	443.309	437.970	438.306	437.634	R[13]
V	30	1051.608	491.275	485.936	486.272	485.600	V[12]
H	31	1097.294	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.184	317.489	317.825	317.153	L[8]
R	35	1225.815	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1436.826	133.390	128.051	128.386	127.715	V[3]
S	40	1449.819	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.26
- ▶ F113278.dat
- ▶ query=q70297.p1
- ▶ precursor=752.093860
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1127.636	1123.631	0.755	1123.370	S[41]
G	2	51.780	1095.375	1091.370	0.755	1091.116	G[40]
R	3	90.805	1081.120	1077.115	1.077	1076.861	R[39]
G	4	105.061	1042.094	1038.090	1038.342	1037.838	G[38]
K	5	137.084	1027.839	1023.834	1024.080	1023.582	K[37]
Q	6	189.089	995.813	991.811	992.062	991.561	Q[36]
G	7	253.354	953.082	953.796	960.048	959.542	G[35]
G	8	337.810	949.545	945.541	945.792	945.289	G[34]
K	9	229.633	935.260	931.265	931.537	931.031	K[33]
A	10	247.393	903.266	899.261	899.513	899.009	A[32]
R	11	286.418	889.267	885.267	885.505	881.754	R[31]
A	12	304.177	846.482	842.477	842.729	842.225	A[30]
R	13	336.201	825.722	824.718	824.970	824.466	R[29]
A	14	353.960	798.699	792.694	792.946	792.442	A[28]
K	15	385.984	778.939	774.936	775.187	774.681	K[27]
T	16	411.246	746.915	742.911	743.163	742.659	T[26]
R	17	450.271	721.864	717.869	717.901	717.397	R[25]
S	18	472.829	682.828	678.834	678.876	678.372	S[24]
S	19	493.787	660.870	656.866	657.118	656.614	S[23]
R	20	532.813	639.112	635.108	635.360	634.856	R[22]
A	21	550.572	600.089	596.082	596.334	595.830	A[21]
Q	22	564.827	582.320	578.323	578.575	578.071	Q[20]
L	23	603.008	568.072	564.068	564.320	563.816	L[19]
Q	24	625.113	539.801	535.797	536.049	535.545	Q[18]
F	25	661.880	507.781	503.782	504.034	503.530	F[17]
P	26	686.143	471.020	467.015	467.267	466.763	P[16]
V	27	710.910	446.756	442.752	443.004	442.500	V[15]
G	28	725.166	421.989	417.985	418.237	417.733	G[14]
R	29	764.191	407.734	403.729	403.981	403.477	R[13]
V	30	788.058	369.759	364.764	364.956	364.452	V[12]
H	31	823.223	343.942	339.937	340.189	339.685	H[11]
R	32	862.248	309.677	305.672	305.924	305.420	R[10]
L	33	890.519	270.652	266.647	266.899	266.395	L[9]
L	34	918.790	242.381	238.376	238.628	238.124	L[8]
R	35	957.815	214.113	210.108	210.360	209.856	R[7]
R	36	989.839	175.084	171.080	171.332	170.828	R[6]
G	37	1004.094	143.061	139.056	139.308	138.804	G[5]
N	38	1032.605	128.805	124.800	125.052	124.548	N[4]
V	39	1073.371	100.294	96.290	96.542	96.038	V[3]
S	40	1095.129	59.529	55.524	55.776	55.272	S[2]
E	41	1127.392	37.771	33.766	34.018	33.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=44.26
- ▶ F113278.dat
- ▶ query=q70297_p1
- ▶ precursor=752.093860
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	902.310	899.106	0.806	898.905	S	41
G	2	41.625	876.501	873.298	0.806	873.096	G	40
R	3	72.846	865.097	861.893	062.095	861.692	R	39
G	4	84.250	833.877	830.673	830.875	830.472	G	38
K	5	109.869	822.473	819.269	819.470	819.067	K	37
Q	6	135.481	796.854	793.650	793.851	793.448	Q	36
G	7	146.685	771.242	768.038	768.240	767.837	G	35
G	8	158.289	759.838	756.634	756.835	756.432	G	34
K	9	183.908	748.833	745.230	745.431	745.028	K	33
A	10	198.116	722.814	719.611	719.812	719.409	A	32
R	11	229.336	708.607	705.403	705.605	705.202	R	31
A	12	243.543	677.387	674.183	674.385	673.981	A	30
K	13	269.162	663.179	659.976	660.177	659.774	K	29
A	14	283.370	637.960	634.357	634.558	634.155	A	28
K	15	308.989	623.753	620.149	620.351	619.948	K	27
T	16	329.198	597.734	594.530	594.732	594.329	T	26
R	17	360.418	577.524	574.321	574.522	574.119	R	25
S	18	377.825	546.304	543.100	543.302	542.899	S	24
S	19	399.231	528.886	525.681	525.886	525.482	S	23
R	20	426.451	511.491	508.288	508.489	508.086	R	22
A	21	440.659	480.271	477.067	477.269	476.866	A	21
G	22	452.063	466.064	462.860	463.061	462.658	G	20
L	23	474.680	494.659	451.456	451.657	451.254	L	19
Q	24	500.292	432.043	428.839	429.040	428.637	Q	18
F	25	529.705	406.831	403.227	403.429	403.026	F	17
P	26	549.116	377.017	373.813	374.015	373.612	P	16
V	27	568.530	357.607	354.403	354.604	354.201	V	15
G	28	589.334	337.793	334.589	334.791	334.388	G	14
R	29	611.554	326.389	323.185	323.386	322.983	R	13
V	30	631.368	295.168	291.965	292.166	291.763	V	12
H	31	658.780	275.355	272.151	272.353	271.949	H	11
R	32	690.000	247.943	244.739	244.941	244.538	R	10
L	33	712.617	216.723	213.519	213.721	213.317	L	9
L	34	735.233	194.106	190.902	191.104	190.701	L	8
R	35	766.454	171.489	168.285	168.487	168.084	R	7
K	36	782.073	140.269	137.065	137.267	136.864	K	6
G	37	803.477	114.650	111.446	111.648	111.245	G	5
N	38	826.286	103.240	100.042	100.243	99.840	N	4
V	39	858.898	80.437	77.233	77.435	77.032	V	3
S	40	876.305	47.824	44.621	44.822	44.419	S	2
E	41	902.113	30.418	27.214	27.416	27.013	E	1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.79
- ▶ F113278.dat
- ▶ query=q70299_p1
- ▶ precursor=1127.637400
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	#+1	#+2	z	AA	
S	1	147.076	4507.541	4481.503	4.800	4480.484	S[41]
G	2	204.098	4378.475	4362.430	0.000	4361.451	G[40]
R	3	360.199	4321.467	4305.430	4306.446	4304.430	R[39]
G	4	417.220	4165.355	4149.317	4150.345	4148.329	G[38]
K	5	545.315	4108.134	4092.315	4093.323	4091.307	K[37]
G	6	602.214	3980.239	3964.220	3965.226	3963.212	G[36]
G	7	730.395	3852.180	3836.142	3837.170	3835.154	G[35]
G	8	787.417	3795.158	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.138	3722.119	3723.127	3721.111	K[33]
A	10	980.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.050	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1213.089	3382.904	3366.886	3367.893	3365.879	A[30]
K	13	1341.752	3311.867	3295.848	3296.856	3294.841	K[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1798.063	2883.592	2867.574	2868.582	2866.566	R[25]
S	18	1883.958	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	1972.127	2640.458	2624.441	2625.448	2623.433	S[23]
R	20	2138.228	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2199.265	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2256.287	2236.289	2220.270	2221.278	2219.263	G[20]
L	23	2309.374	2089.248	2073.229	2074.237	2072.221	L[19]
Q	24	2407.420	2158.184	2142.165	2143.173	2141.157	Q[18]
F	25	2644.498	2028.125	2012.106	2013.114	2011.100	F[17]
P	26	2741.551	1881.051	1865.038	1866.046	1864.030	P[16]
V	27	2840.610	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2887.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3053.743	1537.814	1521.795	1522.803	1520.787	R[13]
V	30	3152.810	1471.813	1455.794	1456.802	1454.786	V[12]
H	31	3289.889	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.565	1064.573	1062.558	L[9]
L	34	3672.138	868.509	852.492	853.499	851.484	L[8]
R	35	3826.239	653.416	637.398	638.405	636.390	R[7]
K	36	3956.334	497.315	481.296	482.304	480.289	K[6]
G	37	4013.356	509.220	493.201	494.209	492.194	G[5]
N	38	4127.399	512.199	496.180	497.188	495.172	N[4]
V	39	4286.462	398.156	382.137	383.145	381.129	V[3]
S	40	4317.486	278.102	262.084	263.092	261.076	S[2]
E	41	4508.537	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.79
- ▶ F113278.dat
- ▶ query=q70299_p1
- ▶ precursor=1127.637400
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	2754.364	2246.255	0.504	2245.751	S 41
G 2	102.563	2189.743	2181.731	0.504	2181.229	G 40
R 3	180.603	2181.732	2153.223	2153.726	2152.719	R 39
G 4	209.114	2083.181	2075.172	2075.676	2074.669	G 38
K 5	273.161	2054.671	2046.661	2047.165	2046.157	K 37
Q 6	337.193	1999.623	1982.614	1983.118	1982.110	Q 36
G 7	395.701	1928.584	1919.575	1919.088	1918.081	G 35
G 8	394.212	1988.083	1990.074	1990.578	1989.570	G 34
K 9	458.260	1899.672	1861.563	1862.067	1861.059	K 33
A 10	493.778	1805.625	1797.516	1798.019	1797.012	A 32
R 11	571.829	1770.096	1761.997	1762.501	1761.494	R 31
A 12	607.387	1693.566	1683.560	1684.450	1683.443	A 30
R 13	671.395	1656.437	1648.428	1648.932	1647.924	R 29
A 14	706.913	1592.390	1584.380	1584.884	1583.878	A 28
K 15	770.961	1556.671	1548.662	1549.166	1548.159	K 27
T 16	821.485	1492.824	1484.814	1485.318	1484.310	T 26
R 17	899.536	1454.300	1438.291	1438.794	1437.787	R 25
S 18	953.051	1394.249	1356.240	1356.744	1355.738	S 24
S 19	986.567	1320.731	1312.724	1313.228	1312.221	S 23
R 20	1064.618	1277.217	1269.208	1269.712	1268.704	R 22
A 21	1100.136	1199.667	1191.157	1191.661	1190.654	A 21
G 22	1128.647	1163.648	1155.639	1156.143	1155.135	G 20
L 23	1185.398	1136.137	1127.128	1127.632	1126.625	L 19
Q 24	1249.218	1078.595	1070.586	1071.090	1070.082	Q 19
F 25	1222.753	1014.568	1006.559	1007.061	1006.053	F 17
F 26	1371.279	941.032	933.023	933.526	932.519	F 16
V 27	1420.813	892.506	884.496	885.000	883.992	V 15
G 28	1449.324	842.071	834.062	835.466	834.458	G 14
R 29	1527.874	814.461	806.451	806.955	805.947	R 13
V 30	1576.909	738.410	729.401	729.905	727.897	V 12
H 31	1645.438	688.876	678.868	679.370	678.363	H 11
R 32	1723.489	618.346	610.337	610.841	609.833	R 10
L 33	1780.031	540.290	532.280	532.790	531.783	L 9
L 34	1836.573	483.754	475.744	476.248	475.241	L 8
R 35	1814.623	427.212	419.202	419.706	418.699	R 7
R 36	1978.671	349.161	341.152	341.656	340.648	R 6
G 37	2007.181	285.114	277.104	277.608	276.601	G 5
N 38	2064.203	256.603	248.594	249.098	248.090	N 4
V 39	2145.735	199.582	191.573	192.076	191.069	V 3
S 40	2189.251	118.050	110.041	110.544	109.537	S 2
E 41	2253.772	74.534	66.524	67.028	66.021	E 1

sp | Q8CGP5 | H2A1F_MOUSE

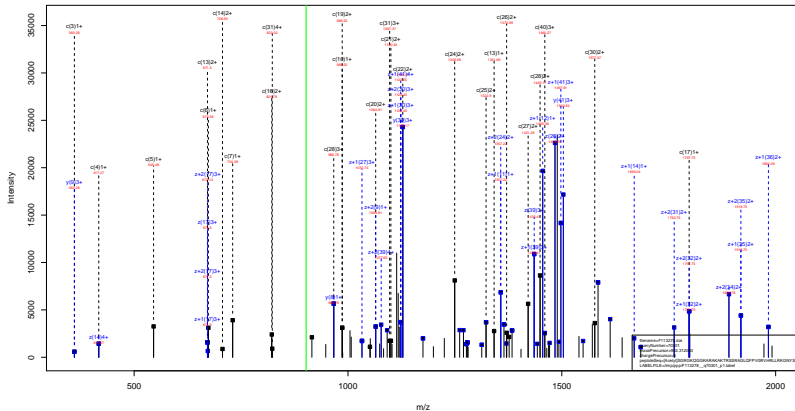
[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.79
- ▶ F113278.dat
- ▶ query=q70299.p1
- ▶ precursor=1127.637400
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1503.178	1497.839	0.672	1497.503	S 41
G 2	68.704	1460.164	1454.825	0.672	1454.458	G 40
R 3	130.738	1441.157	1435.817	1436.153	1435.482	R 39
G 4	139.745	1389.123	1383.784	1384.120	1383.448	G 38
K 5	182.443	1370.116	1364.777	1365.113	1364.441	K 37
Q 6	235.330	1327.418	1322.070	1322.414	1321.741	Q 36
G 7	244.137	1284.122	1279.355	1279.728	1279.055	G 35
G 8	263.144	1265.725	1260.385	1260.721	1260.040	G 34
K 9	305.842	1246.717	1241.378	1241.714	1241.041	K 33
A 10	329.521	1204.019	1198.670	1199.015	1198.344	A 32
R 11	381.555	1180.940	1175.000	1175.336	1174.664	R 31
A 12	409.234	1178.306	1172.967	1173.303	1172.631	A 30
R 13	447.932	1104.827	1099.258	1099.624	1098.952	R 29
A 14	471.611	1061.929	1056.589	1056.925	1056.251	A 28
K 15	514.310	1038.250	1032.910	1033.246	1032.574	K 27
T 16	547.992	995.152	990.212	990.548	989.878	T 26
R 17	600.226	961.889	956.529	956.865	956.193	R 25
S 18	629.037	929.835	924.469	924.832	924.160	S 24
S 19	658.047	880.825	875.485	875.821	875.149	S 23
R 20	710.081	851.814	846.474	846.810	846.138	R 22
A 21	723.760	799.780	794.441	794.777	794.105	A 21
G 22	752.767	776.101	770.762	771.098	770.426	G 20
L 23	760.482	737.094	731.755	732.090	731.417	L 19
Q 24	813.148	719.399	714.060	714.396	713.724	Q 19
F 25	882.171	676.713	671.374	671.710	671.038	F 17
P 26	914.552	627.690	622.351	622.687	622.015	P 16
V 27	947.545	595.339	590.000	590.336	589.664	V 15
G 28	966.552	562.117	556.977	557.313	556.641	G 14
R 29	1013.595	543.109	537.870	538.206	537.534	R 12
D 30	1051.608	491.276	485.938	486.272	485.600	D 12
H 31	1097.294	458.253	452.913	453.249	452.577	H 11
R 32	1149.328	412.567	407.227	407.563	406.891	R 10
L 33	1187.823	360.533	355.193	355.529	354.857	L 9
L 34	1224.718	322.838	317.499	317.835	317.163	L 8
T 35	1276.751	285.144	279.804	280.140	279.468	T 7
K 36	1319.450	233.110	227.770	228.106	227.434	K 6
G 37	1338.457	190.412	185.072	185.408	184.736	G 5
N 38	1376.471	171.404	166.065	166.401	165.729	N 4
V 39	1430.826	133.390	128.051	128.386	127.715	V 3
S 40	1459.836	79.036	73.696	74.032	73.360	S 2
E 41	1502.850	30.025	44.685	45.021	44.349	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKTRSSRAGLQFPVGRVHLLRKGNYSE



sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.92
- ▶ F113278.dat
- ▶ query=q70301.p1
- ▶ precursor=902.312050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.921	4491.502	0.000	4490.484	S[41]
G	2	204.068	4378.478	4362.459	0.000	4361.451	G[40]
R	3	360.199	4321.457	4305.438	4306.448	4304.430	R[39]
G	4	417.220	4185.355	4149.317	4150.345	4148.329	G[38]
K	5	545.315	4108.334	4062.315	4091.321	4091.307	K[37]
Q	6	673.374	3989.278	3964.250	3956.228	3963.211	Q[36]
G	7	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.138	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1213.687	3382.904	3366.886	3367.893	3365.877	A[30]
R	13	1341.782	3311.887	3295.868	3296.876	3294.861	R[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1798.063	2881.562	2865.544	2866.552	2864.536	R[25]
S	18	1889.099	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	1972.127	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2138.228	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2199.265	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2256.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2369.371	2209.268	2193.249	2194.257	2192.241	L[19]
Q	24	3007.429	2156.184	2140.165	2141.173	2139.157	Q[18]
F	25	3644.488	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.951	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3623.742	1627.747	1611.728	1612.903	1610.887	R[13]
V	30	3152.810	1471.813	1455.794	1456.802	1454.786	V[12]
H	31	3289.869	1392.744	1356.726	1357.734	1355.718	H[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.489	949.474	L[8]
I	35	3838.239	853.418	837.399	838.406	836.390	I[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
G	37	4013.356	549.220	533.201	534.209	532.194	G[5]
N	38	4127.399	512.109	496.180	497.188	495.172	N[4]
V	39	4290.462	398.150	382.131	383.145	381.129	V[3]
S	40	4377.494	235.062	219.074	220.082	218.066	S[2]
E	41	4406.537	148.000	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=55.92
- ▶ F113278.dat
- ▶ query=q70301.p1
- ▶ precursor=902.312050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2054.204	2266.205	8.804	2245.78	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2641.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.876	2074.660	G[38]
K	5	273.181	2054.871	2048.861	2047.305	2046.157	K[37]
G	6	337.194	1990.621	1982.614	1983.118	1982.110	G[36]
G	7	385.703	1706.594	1915.584	1919.088	1918.06	G[35]
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.011	A[32]
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.997	1692.956	1683.948	1684.450	1683.442	A[30]
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.913	1592.900	1584.380	1584.884	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	899.526	1442.300	1434.291	1434.795	1433.787	R[25]
S	18	913.051	1384.249	1376.240	1376.744	1375.736	S[24]
S	19	986.567	1337.733	1312.724	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.161	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1163.648	1155.639	1156.143	1155.135	G[20]
L	23	1155.708	1138.137	1127.128	1127.632	1126.624	L[19]
G	24	1249.218	1073.595	1070.588	1071.092	1070.082	G[18]
F	25	1322.753	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.033	933.023	933.526	932.518	F[16]
V	27	1420.813	892.500	884.496	885.000	883.992	V[15]
G	28	1449.324	842.971	834.962	835.466	834.458	G[14]
R	29	1527.814	814.481	806.471	806.975	805.967	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.868	679.372	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.296	532.286	532.790	531.782	L[9]
L	34	1836.573	469.754	459.743	459.246	458.238	L[8]
R	35	1914.623	427.212	419.202	419.706	418.698	R[7]
K	36	1978.671	349.161	341.152	341.656	340.648	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.726	199.562	191.552	192.056	191.048	V[3]
S	40	2199.251	118.056	110.047	110.551	109.543	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=55.92
- ▶ F113278.dat
- ▶ query=q70301.p1
- ▶ precursor=902.312050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	#s	AA	
S	1	489.697	1503.178	1497.839	0.872	1497.563	S[41]
G	2	86.704	1460.164	1454.575	0.672	1454.450	G[40]
R	3	1307.788	1341.157	1435.817	1436.153	1435.482	R[39]
G	4	139.745	1389.123	1383.784	1384.120	1383.448	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1321.013	1322.814	1321.761	G[36]
G	7	264.137	1284.785	1279.392	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	485.234	1128.306	1122.967	1123.303	1122.631	A[30]
K	13	447.932	1104.627	1099.285	1099.624	1098.952	K[29]
A	14	471.611	1061.929	1056.589	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.876	T[26]
R	17	600.626	961.869	956.529	956.865	956.193	R[25]
S	18	629.017	909.835	904.495	904.832	904.160	S[24]
S	19	658.047	880.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.105	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	780.482	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	733.366	728.026	728.362	727.690	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.261	622.597	621.925	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1013.556	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	490.276	485.036	485.372	484.700	V[12]
H	31	1097.294	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.567	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.376	317.036	317.372	316.700	L[8]
R	35	1276.751	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.064	166.400	165.728	N[4]
V	39	1435.526	133.390	128.050	128.386	127.714	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=55.92
- ▶ F113278.dat
- ▶ query=q70301.p1
- ▶ precursor=902.312050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1127.636	1123.631	0.755	1123.379	G 41
G 2	51.780	1096.375	1091.370	0.755	1091.118	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.861	R 39
G 4	105.061	1042.094	1038.090	1038.342	1037.839	G 38
K 5	137.084	1027.839	1023.834	1024.086	1023.582	K 37
Q 6	189.099	995.815	991.811	992.062	991.559	Q 36
G 7	253.354	953.803	950.798	950.048	950.544	G 35
G 8	397.810	949.545	945.541	945.792	945.289	G 34
K 9	229.633	935.290	931.285	931.537	931.031	K 33
A 10	247.393	903.266	899.261	899.513	899.009	A 32
R 11	286.418	885.507	881.502	881.754	881.250	R 31
A 12	304.177	846.482	842.477	842.729	842.225	A 30
R 13	336.201	828.722	824.718	824.970	824.464	R 29
A 14	353.960	796.699	792.694	792.946	792.442	A 28
K 15	389.984	778.939	774.935	775.187	774.681	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.694	717.690	717.941	717.438	R 25
S 18	472.809	682.828	678.824	679.076	678.572	S 24
S 19	493.787	660.870	656.866	657.118	656.614	S 23
R 20	532.813	639.112	635.108	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.128	578.123	578.375	577.871	G 20
L 23	603.006	566.072	562.068	562.320	561.816	L 19
Q 24	625.113	539.803	535.799	536.049	535.545	Q 19
F 25	661.880	507.787	503.782	504.034	503.530	F 17
P 26	686.143	471.020	467.015	467.267	466.763	P 16
V 27	710.910	446.756	442.752	443.004	442.500	V 15
G 28	725.166	421.989	417.985	418.237	417.733	G 14
R 29	764.193	407.734	403.729	403.981	403.477	R 13
V 30	786.058	366.709	364.704	364.956	364.452	V 12
H 31	823.223	343.942	339.937	340.189	339.685	H 11
R 32	862.248	309.677	305.672	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.790	242.381	238.376	238.628	238.124	L 8
R 35	957.815	214.130	210.125	210.377	209.873	R 7
R 36	989.839	175.084	171.080	171.332	170.828	R 6
G 37	1004.094	143.061	139.056	139.308	138.804	G 5
N 38	1032.605	126.805	124.800	125.052	124.548	N 4
V 39	1073.371	100.294	96.290	96.542	96.038	V 3
S 40	1095.120	59.529	55.524	55.776	55.272	S 2
E 41	1127.393	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.63
- ▶ F113278.dat
- ▶ query=q70355.p1
- ▶ precursor=904.710330
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4519.521	4503.502	0.000	4502.484	S 41
G 2	204.068	4390.478	4374.459	0.000	4373.451	G 40
R 3	360.199	4333.457	4317.438	4318.448	4316.439	R 39
G 4	417.220	4177.355	4161.337	4162.345	4160.329	G 38
K 5	587.326	4120.334	4104.315	4105.323	4103.307	K 37
Q 6	715.345	3959.270	3943.251	3945.261	3943.245	Q 36
G 7	772.406	3822.170	3806.151	3807.159	3805.143	G 35
G 8	829.427	3705.148	3749.130	3750.138	3748.122	G 34
K 9	957.522	3708.127	3692.108	3693.116	3691.101	K 33
A 10	1028.560	3580.032	3564.013	3565.021	3563.005	A 32
R 11	1184.661	3508.995	3492.976	3493.984	3491.968	R 31
A 12	1255.698	3352.984	3336.975	3337.983	3335.967	A 30
R 13	1383.793	3281.957	3265.938	3266.946	3264.930	R 29
A 14	1454.830	3153.962	3137.943	3138.951	3136.935	A 28
K 15	1582.925	3092.725	3076.706	3077.714	3075.699	K 27
S 16	1609.957	2954.630	2938.611	2939.619	2937.603	S 26
R 17	1826.058	2897.598	2881.579	2882.587	2880.571	R 25
S 18	1913.090	2741.490	2695.478	2696.486	2694.471	S 24
S 19	2000.122	2624.464	2608.446	2609.454	2607.438	S 23
R 20	2186.223	2537.432	2521.414	2522.422	2520.406	R 22
A 21	2227.260	2381.331	2365.313	2366.320	2364.305	A 21
G 22	2284.282	2310.294	2294.275	2295.283	2293.267	G 20
L 23	2107.886	2253.273	2237.254	2238.262	2236.246	L 19
Q 24	2525.424	2140.189	2124.170	2125.178	2123.162	Q 19
F 25	2672.493	2012.130	1996.111	1997.119	1995.104	F 17
P 26	2769.546	1805.062	1849.043	1850.051	1848.035	P 16
V 27	2868.614	1768.009	1751.990	1752.998	1750.982	V 15
G 28	2925.635	1568.940	1652.922	1653.930	1651.914	G 14
R 29	3081.237	1611.910	1595.891	1596.908	1594.882	R 13
H 30	3180.808	1485.811	1439.799	1440.807	1438.791	H 12
H 31	3317.864	1358.748	1340.731	1341.739	1339.723	H 11
R 32	3473.965	1219.691	1203.672	1204.680	1202.664	R 10
L 33	3587.049	1063.589	1047.571	1048.579	1046.563	L 9
L 34	3700.133	950.505	934.487	935.495	933.479	L 8
T 35	3856.234	837.421	821.403	822.410	820.394	T 7
R 36	3984.329	681.320	665.302	666.310	664.294	R 6
G 37	4041.361	553.225	537.207	538.214	536.199	G 5
N 38	4155.394	406.204	480.185	481.193	479.177	N 4
V 39	4318.457	382.161	366.142	367.150	365.134	V 3
A 40	4389.494	219.086	203.079	204.087	202.071	A 2
E 41	4518.537	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.63
- ▶ F113278.dat
- ▶ query=q70355.p1
- ▶ precursor=904.710330
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	74.092	2036.294	2252.455	0.804	2251.781	S[41]
G	2	102.553	2195.743	2387.733	0.504	2187.220	G[40]
R	3	180.603	2167.232	2159.233	2159.726	2158.710	R[39]
G	4	209.114	2089.181	2081.172	2081.676	2080.660	G[38]
K	5	294.167	2050.671	2052.661	2053.165	2052.157	K[37]
G	6	358.196	1975.618	1967.602	1968.112	1967.105	G[36]
G	7	388.377	1711.589	1903.579	1904.083	1903.073	G[35]
G	8	435.217	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	479.265	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	514.703	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	562.834	1735.001	1746.992	1747.496	1746.489	R[31]
A	12	608.953	1668.954	1660.941	1661.445	1660.437	A[30]
K	13	662.400	1643.433	1635.423	1633.927	1632.919	K[29]
A	14	727.919	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	791.966	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	835.462	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	913.533	1434.302	1426.293	1425.799	1424.791	R[25]
S	18	957.049	1356.252	1348.243	1348.746	1347.739	S[24]
S	19	1000.565	1312.735	1304.726	1305.230	1304.223	S[23]
R	20	1078.615	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1114.134	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1142.644	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1159.970	1127.140	1119.131	1119.635	1118.627	L[19]
G	24	1263.216	1073.595	1062.589	1063.093	1062.085	G[18]
F	25	1336.750	1006.599	998.559	999.063	998.055	F[17]
F	26	1385.276	933.034	925.025	925.529	924.521	F[16]
V	27	1434.811	884.507	876.499	877.003	876.005	V[15]
G	28	1463.321	834.974	826.965	827.469	826.461	G[14]
R	29	1543.374	808.463	800.454	800.958	799.950	R[13]
V	30	1590.906	728.413	720.403	720.907	719.899	V[12]
H	31	1659.436	678.878	670.869	671.373	670.365	H[11]
R	32	1737.486	610.349	602.340	602.843	601.835	R[10]
L	33	1794.028	532.269	524.260	524.763	523.755	L[9]
L	34	1859.970	478.796	469.787	469.291	468.283	L[8]
R	35	1928.612	419.214	411.205	411.709	410.701	R[7]
K	36	1992.668	341.164	333.154	333.658	332.650	K[6]
G	37	2021.179	277.116	269.107	269.611	268.603	G[5]
N	38	2078.200	248.606	240.596	241.100	240.092	N[4]
V	39	2159.732	181.564	183.575	184.079	183.071	V[3]
A	40	2195.261	110.026	102.043	102.547	101.539	A[2]
E	41	2259.772	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGGK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.63
- ▶ F113278.dat
- ▶ query=q70355.p1
- ▶ precursor=904.710330
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#=1	#=2	#=3	AA	
S	1	489.697	1507.178	1501.839	0.872	1501.563	S[41]
G	2	66.704	1464.184	1458.825	0.672	1458.489	G[40]
R	3	1307.718	1445.157	1439.817	1440.153	1439.482	R[39]
G	4	139.745	1393.123	1387.784	1388.120	1387.448	G[38]
K	5	196.447	1374.116	1368.777	1369.113	1368.441	K[37]
G	6	239.133	1317.414	1312.075	1312.411	1311.739	G[36]
G	7	288.140	1274.726	1269.387	1269.725	1269.051	G[35]
G	8	277.147	1255.721	1250.381	1250.717	1250.045	G[34]
K	9	319.646	1236.714	1231.374	1231.710	1231.036	K[33]
A	10	383.525	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	395.558	1170.336	1164.997	1165.333	1164.661	R[31]
A	12	419.237	1132.303	1127.003	1127.309	1126.629	A[30]
R	13	461.936	1094.624	1089.284	1089.620	1088.942	R[29]
A	14	485.615	1051.925	1046.586	1046.922	1046.250	A[28]
K	15	528.313	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	557.324	985.548	980.208	980.544	979.873	S[26]
R	17	609.258	956.517	951.178	951.514	950.842	R[25]
S	18	638.368	904.584	899.244	899.580	898.909	S[24]
S	19	687.376	875.493	870.153	870.489	869.817	S[23]
R	20	719.413	846.482	841.143	841.479	840.807	R[22]
A	21	743.002	794.449	789.109	789.445	788.773	A[21]
G	22	762.099	770.770	765.430	765.766	765.094	G[20]
L	23	799.273	754.762	749.423	749.759	749.087	L[19]
G	24	842.480	714.085	708.745	709.084	708.412	G[18]
F	25	891.502	671.382	666.042	666.378	665.707	F[17]
F	26	923.853	622.359	617.019	617.355	616.683	F[16]
V	27	956.876	590.008	584.668	585.004	584.332	V[15]
G	28	975.863	558.985	553.645	553.981	553.309	G[14]
R	29	1027.619	519.976	514.636	514.974	514.302	R[13]
V	30	1060.940	485.944	480.604	480.941	480.269	V[12]
H	31	1106.626	452.921	447.581	447.918	447.246	H[11]
R	32	1138.660	407.235	401.895	402.231	401.560	R[10]
L	33	1187.955	355.201	349.862	350.198	349.526	L[9]
L	34	1234.049	319.509	314.169	314.505	313.833	L[8]
R	35	1284.083	279.812	274.472	274.808	274.136	R[7]
K	36	1328.781	227.778	222.438	222.775	222.103	K[6]
G	37	1347.788	185.880	179.740	180.076	179.404	G[5]
N	38	1385.803	146.073	140.733	141.069	140.397	N[4]
V	39	1440.157	128.098	122.758	123.095	122.423	V[3]
A	40	1443.816	83.348	78.008	78.344	77.672	A[2]
E	41	1506.850	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

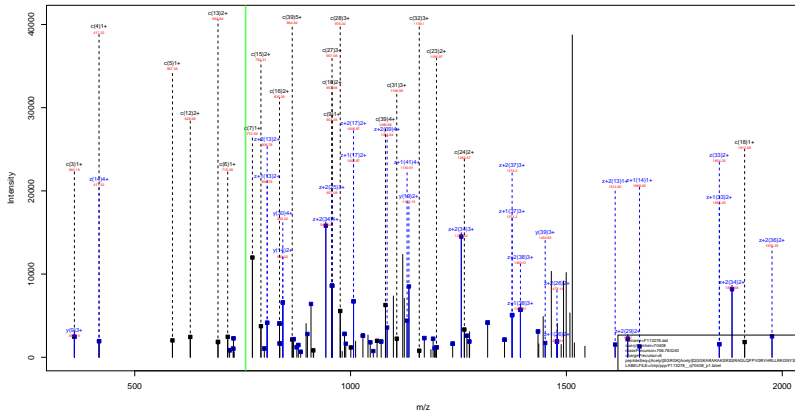
[Acetyl]SGRGRK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=53.63
- ▶ F113278.dat
- ▶ query=q70355.p1
- ▶ precursor=904.710330
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	17.526	1130.630	1126.631	0.755	1128.379	S 41
G 2	51.780	1098.375	1094.370	0.755	1094.118	G 40
R 3	90.805	1084.120	1080.115	1080.367	1079.867	R 30
G 4	105.061	1045.094	1041.090	1041.342	1040.830	G 38
K 5	147.587	1030.839	1026.834	1027.086	1026.562	K 19
Q 6	179.802	999.311	994.308	994.560	994.056	Q 29
G 7	193.897	956.290	952.293	952.545	952.041	G 35
G 8	208.112	942.043	938.038	938.290	937.788	G 34
K 9	240.136	927.787	923.783	924.034	923.531	K 33
A 10	257.895	895.763	891.758	892.011	891.507	A 32
R 11	296.821	878.004	873.999	874.251	873.748	R 31
A 12	314.080	838.979	834.974	835.226	834.723	A 20
K 13	346.104	821.220	817.215	817.467	816.965	K 29
A 14	364.463	789.190	785.191	785.443	784.939	A 28
K 15	396.487	774.437	767.432	767.684	767.180	K 27
S 16	418.245	739.413	735.408	735.660	735.156	S 26
R 17	457.270	717.895	713.890	713.902	713.398	R 25
S 18	479.028	678.630	674.625	674.877	674.373	S 24
S 19	500.786	655.872	652.867	653.119	652.615	S 23
R 20	539.811	635.114	631.109	631.361	630.857	R 22
A 21	557.571	596.088	592.084	592.336	591.833	A 21
G 22	571.826	578.320	574.324	574.576	574.072	G 20
L 23	600.097	564.074	560.069	560.321	559.817	L 19
Q 24	632.112	535.803	531.798	532.050	531.546	Q 18
F 25	658.579	503.758	499.753	500.005	499.533	F 17
P 26	693.142	467.021	463.016	463.268	462.764	P 16
V 27	717.909	442.758	438.753	439.005	438.501	V 15
G 28	732.164	417.991	413.986	414.238	413.734	G 14
R 29	771.190	403.735	399.731	399.982	399.478	R 13
V 30	895.887	384.719	368.705	368.957	368.453	V 12
H 31	830.221	339.943	335.938	336.190	335.686	H 11
R 32	869.247	305.679	301.673	301.925	301.421	R 10
L 33	897.518	266.653	262.648	262.900	262.396	L 9
L 34	925.789	238.382	234.377	234.629	234.125	L 8
R 35	964.814	210.111	206.106	206.358	205.854	R 7
K 36	999.038	171.088	167.083	167.335	166.831	K 6
G 37	1011.093	139.062	135.057	135.309	134.805	G 5
N 38	1039.604	124.800	120.800	121.054	120.550	N 4
Y 39	1080.370	96.296	92.291	92.543	92.039	Y 3
A 40	1098.129	55.530	51.525	51.777	51.273	A 2
E 41	1130.300	37.771	33.766	34.018	33.514	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK 42.01 QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS



sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.79
- ▶ F113278.dat
- ▶ query=q70408.p1
- ▶ precursor=756.760240
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4535.515	4519.497	0.000	4518.480	S[41]
G	2	304.098	4406.473	4390.454	0.000	4389.448	G[40]
R	3	360.199	4349.451	4333.433	4334.441	4332.423	R[39]
G	4	417.220	4193.350	4177.332	4178.339	4176.324	G[38]
K	5	587.326	4136.329	4120.310	4121.318	4119.302	K[37]
Q	6	715.385	3996.273	3980.255	3981.262	3980.197	Q[36]
G	7	772.406	3838.165	3822.146	3823.154	3821.138	G[35]
G	8	829.427	3781.143	3765.125	3766.132	3764.117	G[34]
K	9	957.522	3724.122	3708.103	3709.111	3707.095	K[33]
A	10	1028.560	3596.027	3580.008	3581.016	3579.000	A[32]
R	11	1154.051	3524.990	3508.971	3509.979	3507.963	R[31]
A	12	1254.038	3398.959	3382.939	3383.948	3381.961	A[30]
K	13	1363.993	3297.852	3281.833	3282.841	3280.825	K[29]
A	14	1454.830	3169.757	3153.738	3154.746	3152.730	A[28]
K	15	1562.825	3098.719	3082.700	3083.709	3081.693	K[27]
S	16	1669.957	2970.625	2954.606	2955.614	2953.598	S[26]
R	17	1803.058	2883.592	2867.574	2868.582	2866.566	R[25]
S	18	1913.090	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	2000.122	2640.458	2624.441	2625.448	2623.433	S[23]
R	20	2156.223	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2227.260	2497.326	2481.307	2482.315	2480.300	A[21]
G	22	2284.282	2426.289	2410.270	2411.278	2409.263	G[20]
L	23	2397.366	2359.268	2343.249	2344.257	2342.241	L[19]
Q	24	2525.424	2156.184	2140.165	2141.173	2139.157	Q[18]
F	25	2672.493	2028.125	2012.106	2013.114	2011.098	F[17]
F	26	2769.546	1881.057	1865.038	1866.046	1864.030	F[16]
V	27	2866.614	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2925.635	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3081.737	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3190.805	1491.813	1475.794	1476.802	1474.786	V[12]
H	31	3317.864	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3473.965	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3587.049	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3700.133	966.500	950.482	951.489	949.474	L[8]
R	35	3856.234	853.416	837.398	838.405	836.390	R[7]
K	36	3954.229	697.315	681.296	682.304	680.289	K[6]
G	37	4041.351	569.220	553.201	554.209	552.194	G[5]
N	38	4155.394	512.109	496.100	497.108	495.172	N[4]
V	39	4318.457	396.156	380.137	381.145	381.129	V[3]
S	40	4405.489	235.092	219.074	220.082	218.066	S[2]
E	41	4534.532	148.060	132.042	133.050	131.034	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.79
- ▶ F113278.dat
- ▶ query=q70408.p1
- ▶ precursor=756.760240
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2308.241	2309.250	0.804	2309.746	S[41]
G	2	102.553	2303.740	2305.731	0.504	2305.227	G[40]
R	3	180.603	2175.229	2187.230	2167.724	2168.710	R[39]
G	4	209.114	2097.179	2099.169	2089.673	2088.660	G[38]
K	5	294.167	2058.668	2060.659	2051.163	2050.155	K[37]
G	6	358.196	1983.615	1975.605	1976.110	1975.102	G[36]
G	7	388.187	1919.566	1911.577	1912.573	1911.977	G[35]
G	8	435.217	1891.075	1883.086	1883.570	1882.562	G[34]
K	9	479.265	1863.565	1854.555	1855.059	1854.051	K[33]
A	10	514.263	1798.511	1790.508	1791.012	1790.004	A[32]
R	11	552.524	1762.999	1754.989	1755.493	1754.485	R[31]
A	12	628.353	1684.948	1676.938	1677.442	1676.434	A[30]
R	13	662.400	1649.420	1641.430	1641.924	1640.916	R[29]
A	14	727.919	1585.383	1577.373	1577.876	1576.868	A[28]
K	15	791.966	1549.863	1541.854	1542.358	1541.350	K[27]
S	16	835.482	1485.816	1477.807	1478.310	1477.303	S[26]
R	17	913.533	1442.300	1434.291	1434.794	1433.787	R[25]
S	18	957.000	1384.249	1356.240	1356.744	1355.736	S[24]
S	19	1000.505	1330.733	1312.724	1313.228	1312.220	S[23]
R	20	1078.615	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1114.134	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1142.644	1103.648	1105.639	1106.143	1105.135	G[20]
L	23	1199.187	1135.137	1137.129	1137.633	1136.625	L[19]
G	24	1263.216	1076.587	1070.586	1071.090	1070.082	G[18]
F	25	1336.750	1014.560	1006.557	1007.061	1006.053	F[17]
F	26	1385.276	941.033	933.023	933.526	932.519	F[16]
V	27	1434.811	892.500	884.496	885.000	883.992	V[15]
G	28	1483.321	842.971	834.962	835.466	834.458	G[14]
R	29	1541.872	814.483	806.451	806.955	805.947	R[13]
V	30	1590.906	736.410	728.401	728.905	727.897	V[12]
H	31	1659.436	688.876	678.886	679.370	678.363	H[11]
R	32	1737.488	618.346	610.337	610.841	609.833	R[10]
L	33	1794.028	540.206	532.200	532.700	531.703	L[9]
L	34	1859.570	489.794	479.749	479.248	478.241	L[8]
R	35	1928.612	427.212	419.202	419.706	418.698	R[7]
K	36	1992.668	349.161	341.152	341.656	340.648	K[6]
G	37	2021.179	285.114	277.104	277.608	276.600	G[5]
N	38	2078.200	256.603	248.594	249.098	248.090	N[4]
V	39	2159.232	199.562	191.572	192.076	191.068	V[3]
S	40	2203.246	118.056	110.041	110.544	109.537	S[2]
E	41	2287.769	74.534	66.524	67.028	66.021	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=39.79
- ▶ F113278.dat
- ▶ query=q70408.p1
- ▶ precursor=756.760240
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#±1	#±2	z	AA	
S	1	489.697	1512.310	1267.133	8.872	1509.833	S[41]
G	2	86.704	1469.496	1464.156	0.672	1463.820	G[49]
R	3	1207.718	1450.489	1445.149	1445.485	1444.811	R[39]
G	4	139.745	1398.455	1393.115	1393.451	1392.770	G[38]
K	5	196.447	1379.448	1374.108	1374.444	1373.772	K[37]
G	6	239.133	1322.746	1317.406	1317.742	1317.070	G[36]
G	7	288.140	1266.060	1274.720	1275.056	1274.381	G[35]
G	8	297.147	1261.053	1255.713	1256.049	1255.377	G[34]
K	9	319.646	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	383.525	1199.347	1194.008	1194.344	1193.677	A[32]
R	11	395.558	1175.068	1170.329	1170.664	1169.991	R[31]
A	12	439.239	1133.834	1128.507	1128.831	1128.156	A[30]
K	13	461.936	1099.955	1094.615	1094.952	1094.281	K[29]
A	14	485.615	1057.257	1051.917	1052.253	1051.581	A[28]
K	15	508.313	1033.578	1028.238	1028.574	1027.907	K[27]
S	16	557.324	990.880	985.540	985.876	985.204	S[26]
R	17	606.258	948.989	943.649	956.865	946.143	R[25]
S	18	638.368	909.835	904.495	904.831	904.160	S[24]
S	19	667.376	880.825	875.485	875.821	875.149	S[23]
R	20	719.413	851.814	846.474	846.810	846.139	R[22]
A	21	783.092	799.780	794.441	794.777	794.101	A[21]
G	22	762.099	776.101	770.762	771.098	770.426	G[20]
L	23	799.793	757.094	751.754	752.090	751.414	L[19]
G	24	824.239	719.399	714.060	714.396	713.721	G[18]
F	25	891.502	676.713	671.374	671.710	671.038	F[17]
F	26	923.853	627.600	622.261	622.597	621.915	F[16]
V	27	956.876	595.139	590.000	590.336	589.664	V[15]
G	28	975.863	562.317	556.977	557.313	556.641	G[14]
R	29	1022.614	443.309	437.970	438.306	437.634	R[13]
V	30	1060.940	401.275	405.936	406.272	405.600	V[12]
H	31	1106.626	458.253	452.913	453.249	452.577	H[11]
R	32	1158.660	412.567	407.227	407.563	406.891	R[10]
L	33	1196.355	360.533	355.193	355.529	354.857	L[9]
L	34	1234.049	322.584	317.244	317.580	316.908	L[8]
R	35	1298.053	285.144	279.804	280.140	279.468	R[7]
K	36	1328.781	233.110	227.770	228.106	227.434	K[6]
G	37	1347.788	190.412	185.072	185.408	184.736	G[5]
N	38	1385.803	171.404	166.065	166.401	165.729	N[4]
V	39	1440.157	133.390	128.051	128.386	127.715	V[3]
S	40	1469.166	99.136	93.796	94.132	93.460	S[2]
E	41	1512.182	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=39.79
- ▶ F113278.dat
- ▶ query=q70408.p1
- ▶ precursor=756.760240
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	17.526	1134.684	1130.630	0.755	1130.378	S 41
G 2	51.780	1102.374	1068.369	0.755	1068.117	G 40
R 3	90.805	1088.118	1084.114	1084.366	1083.862	R 39
G 4	105.061	1049.093	1045.088	1045.340	1044.836	G 38
K 5	147.587	1034.938	1030.933	1031.189	1030.561	K 37
G 6	179.602	992.311	988.307	988.559	988.055	G 36
G 7	193.857	960.267	956.262	956.544	956.040	G 35
G 8	208.112	946.041	942.037	942.289	941.785	G 34
K 9	240.136	931.786	927.781	928.033	927.529	K 33
A 10	257.895	899.762	895.757	896.009	895.506	A 32
R 11	296.821	884.504	881.498	881.750	881.246	R 31
A 12	314.680	842.978	838.973	839.225	838.721	A 30
K 13	346.704	825.215	821.214	821.466	820.962	K 29
A 14	364.463	793.195	789.190	789.442	788.938	A 28
K 15	396.487	775.435	771.431	771.683	771.179	K 27
S 16	418.245	743.412	739.407	739.659	739.155	S 26
R 17	457.270	721.894	717.889	717.901	717.397	R 25
S 18	479.028	682.628	678.624	678.876	678.372	S 24
S 19	500.786	660.870	656.866	657.118	656.614	S 23
R 20	539.811	639.112	635.108	635.360	634.856	R 22
A 21	557.571	600.087	596.082	596.334	595.830	A 21
G 22	571.826	582.320	578.323	578.575	578.071	G 20
L 23	600.097	568.072	564.068	564.320	563.816	L 19
G 24	632.112	539.801	535.797	536.049	535.545	G 18
F 25	668.879	507.787	503.782	504.034	503.530	F 17
P 26	693.142	471.020	467.015	467.267	466.763	P 16
V 27	717.809	446.756	442.752	443.004	442.500	V 15
G 28	732.164	421.989	417.985	418.237	417.733	G 14
R 29	771.190	407.734	403.729	403.981	403.477	R 13
V 30	795.937	388.709	384.704	384.956	384.452	V 12
H 31	830.221	343.942	339.937	340.189	339.685	H 11
R 32	869.247	309.677	305.672	305.924	305.420	R 10
L 33	897.518	270.652	266.647	266.899	266.395	L 9
L 34	925.789	242.881	238.876	239.128	238.624	L 8
R 35	964.814	214.110	210.105	210.357	209.853	R 7
K 36	999.838	175.884	171.880	172.132	171.628	K 6
G 37	1011.093	143.061	139.056	139.308	138.804	G 5
N 38	1039.604	128.805	124.800	125.052	124.548	N 4
Y 39	1080.370	100.294	96.290	96.542	96.038	Y 3
S 40	1102.128	59.529	55.524	55.776	55.272	S 2
E 41	1114.388	37.771	33.766	34.018	33.514	E 1

sp | Q8BFU2 | H2A3_MOUSE

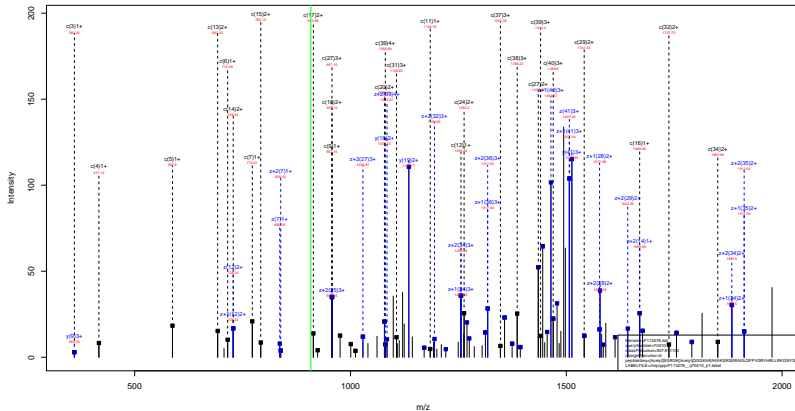
[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=39.79
- ▶ F113278.dat
- ▶ query=q70408_p1
- ▶ precursor=756.76240
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	907.909	904.708	0.806	904.904	S	41
G	2	41.625	892.100	878.897	0.806	878.695	G	40
R	3	72.846	870.696	867.492	867.694	867.291	R	39
G	4	84.250	839.476	836.272	836.474	836.071	G	38
K	5	118.271	828.072	824.868	825.069	824.666	K	37
Q	6	143.883	794.050	790.847	791.048	790.645	Q	36
G	7	195.287	768.439	765.235	765.437	765.033	G	35
G	8	166.691	757.034	753.831	754.032	753.629	G	34
K	9	192.310	745.630	742.428	742.628	742.225	K	33
A	10	208.518	720.011	716.807	717.009	716.606	A	32
R	11	237.738	705.804	702.600	702.802	702.398	R	31
A	12	251.945	674.584	671.380	671.581	671.178	A	30
K	13	277.564	660.376	657.172	657.374	656.971	K	29
A	14	291.772	634.757	631.553	631.755	631.352	A	28
K	15	317.391	620.550	617.346	617.548	617.144	K	27
S	16	334.797	594.931	591.727	591.929	591.525	S	26
R	17	366.017	577.524	574.321	574.522	574.119	R	25
S	18	383.424	546.304	543.100	543.302	542.899	S	24
S	19	400.830	528.696	525.494	525.696	525.292	S	23
R	20	432.050	511.491	508.288	508.489	508.086	R	22
A	21	446.258	480.271	477.067	477.269	476.866	A	21
G	22	457.662	466.064	462.860	463.061	462.658	G	20
L	23	480.279	494.659	451.456	451.657	451.254	L	19
Q	24	505.891	432.043	428.839	429.040	428.637	Q	18
F	25	535.304	406.431	403.227	403.429	403.026	F	17
P	26	554.715	377.017	373.813	374.015	373.612	P	16
V	27	574.520	357.807	354.603	354.804	354.401	V	15
G	28	585.933	337.793	334.589	334.791	334.388	G	14
R	29	617.153	326.380	323.176	323.378	322.975	R	13
V	30	636.967	295.168	291.965	292.166	291.763	V	12
H	31	664.379	275.355	272.151	272.353	271.949	H	11
R	32	695.599	247.943	244.739	244.941	244.538	R	10
L	33	718.216	216.723	213.519	213.721	213.317	L	9
L	34	740.832	194.106	190.902	191.104	190.701	L	8
R	35	772.053	171.489	168.285	168.487	168.084	R	7
K	36	787.872	140.269	137.065	137.267	136.864	K	6
G	37	839.078	114.650	111.446	111.648	111.245	G	5
N	38	831.885	103.246	100.042	100.243	99.840	N	4
V	39	864.497	80.437	77.233	77.435	77.032	V	3
S	40	881.904	47.824	44.621	44.822	44.419	S	2
E	41	907.712	30.418	27.214	27.416	27.013	E	1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK 42.01 QGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE



sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.57
- ▶ F113278.dat
- ▶ query=q70410.p1
- ▶ precursor=907.911100
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4535.515	4519.497	0.000	4518.480	S 41
G 2	304.095	4406.473	4390.454	0.000	4389.445	G 40
R 3	360.199	4349.451	4333.433	4334.441	4332.423	R 39
G 4	417.220	4193.350	4177.332	4178.339	4176.324	G 38
K 5	587.326	4136.329	4120.310	4121.318	4119.302	K 37
Q 6	715.385	3996.273	3980.255	3981.262	3980.197	Q 36
G 7	772.406	3838.165	3822.146	3823.154	3821.138	G 35
G 8	829.427	3781.143	3765.125	3766.132	3764.117	G 34
K 9	957.522	3724.122	3708.103	3709.111	3707.095	K 33
A 10	1028.560	3666.027	3650.008	3651.016	3649.000	A 32
R 11	1184.661	3524.990	3508.971	3509.979	3507.963	R 31
A 12	1255.698	3368.959	3352.939	3353.948	3351.962	A 30
R 13	1354.799	3297.852	3281.833	3282.841	3280.825	R 29
A 14	1454.830	3169.757	3153.738	3154.746	3152.730	A 28
K 15	1562.925	3098.719	3082.700	3083.709	3081.693	K 27
S 16	1669.957	2970.625	2954.606	2955.614	2953.598	S 26
R 17	1826.058	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1913.090	2727.491	2711.473	2712.480	2710.465	S 24
S 19	2000.122	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2156.223	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2227.260	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2284.282	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2397.366	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2525.424	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2672.493	2028.125	2012.106	2013.114	2011.098	F 17
P 26	2769.546	1881.057	1865.038	1866.046	1864.030	P 16
V 27	2866.614	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2925.635	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3081.737	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3190.806	1519.833	1455.794	1456.802	1454.785	V 12
H 31	3317.864	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3473.965	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3587.049	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3700.133	999.500	990.482	991.489	989.474	L 8
R 35	3856.234	853.416	837.398	838.405	836.390	R 7
K 36	3954.259	697.315	681.298	682.304	680.290	K 6
G 37	4041.351	569.220	553.201	554.209	552.194	G 5
N 38	4155.394	512.109	496.100	497.108	495.172	N 4
V 39	4318.457	396.156	380.137	381.145	381.129	V 3
S 40	4405.489	235.092	219.074	220.082	218.066	S 2
E 41	4534.532	148.060	132.042	133.050	131.034	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.57
- ▶ F113278.dat
- ▶ query=q70410.p1
- ▶ precursor=907.911100
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s=1	#s=2	z	AA	
S	1	74.062	2308.241	2309.257	8.804	2309.741	S(1)
G	2	102.553	2303.740	2305.731	0.504	2305.227	G(2)
R	3	180.603	2175.229	2187.230	2167.724	2168.710	R(3)
G	4	209.114	2097.179	2099.169	2089.673	2088.660	G(4)
K	5	294.167	2058.658	2060.658	2061.163	2060.155	K(5)
G	6	358.196	1983.615	1979.622	1978.120	1975.112	G(6)
G	7	388.377	1919.586	1911.577	1912.081	1911.077	G(7)
G	8	435.217	1891.075	1883.066	1883.570	1882.562	G(8)
K	9	479.205	1863.565	1854.555	1855.059	1854.051	K(9)
A	10	514.203	1798.517	1790.508	1791.012	1790.004	A(10)
R	11	562.834	1762.999	1754.989	1755.493	1754.485	R(11)
A	12	639.853	1688.948	1678.939	1677.933	1676.435	A(12)
R	13	692.400	1649.420	1641.420	1641.924	1640.916	R(13)
A	14	727.919	1585.382	1577.373	1577.876	1576.869	A(14)
K	15	791.966	1549.863	1541.854	1542.358	1541.350	K(15)
S	16	835.482	1485.816	1477.807	1478.310	1477.303	S(16)
R	17	913.533	1442.300	1434.291	1434.794	1433.786	R(17)
S	18	957.049	1384.249	1376.240	1376.744	1375.736	S(18)
S	19	1000.565	1330.733	1312.724	1313.228	1312.220	S(19)
R	20	1078.615	1277.217	1269.208	1269.712	1268.704	R(20)
A	21	1114.134	1199.167	1191.157	1191.661	1190.653	A(21)
G	22	1142.644	1103.049	1105.039	1106.043	1105.035	G(22)
L	23	1199.188	1135.137	1127.128	1127.632	1126.624	L(23)
Q	24	1263.216	1078.995	1070.985	1071.989	1070.982	Q(24)
F	25	1336.750	1014.566	1006.557	1007.561	1006.553	F(25)
F	26	1385.276	941.033	933.023	933.526	932.519	F(26)
V	27	1434.811	892.500	884.488	885.000	883.992	V(27)
G	28	1483.327	834.971	834.963	835.466	834.458	G(28)
R	29	1541.372	814.481	806.471	806.975	805.967	R(29)
V	30	1590.906	736.410	728.401	728.905	727.897	V(30)
H	31	1659.436	688.876	678.866	679.370	678.363	H(31)
R	32	1737.486	618.346	610.337	610.841	609.833	R(32)
L	33	1764.028	540.206	532.196	532.700	531.693	L(33)
L	34	1850.570	483.754	475.743	476.246	475.239	L(34)
R	35	1928.102	427.212	419.202	419.706	418.698	R(35)
K	36	1992.638	349.161	341.152	341.656	340.648	K(36)
G	37	2021.179	285.114	277.104	277.608	276.600	G(37)
N	38	2078.200	256.603	248.594	249.098	248.090	N(38)
V	39	2159.732	199.582	191.572	192.076	191.068	V(39)
S	40	2203.246	118.056	110.047	110.551	109.543	S(40)
E	41	2287.769	74.534	66.524	67.028	66.021	E(41)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.57
- ▶ F113278.dat
- ▶ query=q70410.p1
- ▶ precursor=907.911100
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	p	#s=1	#s=2	#s=3	AA
S[1]	489.697	1512.510	1507.170	0.872	1506.835	S[41]
G[2]	86.704	1469.496	1464.156	0.672	1463.820	G[49]
R[3]	1307.718	1450.489	1445.149	1445.485	1444.811	R[30]
G[4]	139.745	1398.455	1393.115	1393.451	1392.779	G[38]
K[5]	196.447	1379.448	1374.108	1374.444	1373.772	K[37]
G[6]	239.133	1322.746	1317.406	1317.742	1317.070	G[36]
G[7]	288.140	1266.060	1261.720	1275.056	1274.384	G[35]
G[8]	277.147	1261.051	1255.713	1256.049	1255.377	G[34]
K[9]	319.646	1242.045	1236.706	1237.042	1236.370	K[33]
A[10]	383.525	1199.347	1194.008	1194.344	1193.672	A[32]
R[11]	395.558	1175.668	1170.329	1170.664	1169.993	R[31]
A[12]	419.237	1123.834	1119.494	1119.830	1119.158	A[30]
K[13]	461.936	1099.955	1094.616	1094.952	1094.280	K[29]
A[14]	485.615	1057.257	1051.917	1052.253	1051.581	A[28]
K[15]	528.313	1033.578	1028.238	1028.574	1027.902	K[27]
S[16]	557.324	990.880	985.540	985.876	985.204	S[26]
R[17]	609.258	961.869	956.529	956.865	956.193	R[25]
S[18]	638.368	909.835	904.495	904.831	904.159	S[24]
S[19]	667.379	888.825	883.485	883.821	883.149	S[23]
R[20]	719.413	851.814	846.474	846.810	846.138	R[22]
A[21]	743.092	799.789	794.449	794.787	794.115	A[21]
G[22]	762.099	776.101	770.762	771.098	770.426	G[20]
L[23]	799.273	753.094	747.754	748.090	747.418	L[19]
Q[24]	842.480	719.306	714.000	714.306	713.624	Q[18]
F[25]	891.502	676.713	671.374	671.710	671.038	F[17]
F[26]	923.853	627.690	622.351	622.687	622.015	F[16]
V[27]	956.876	595.139	590.000	590.336	589.664	V[15]
G[28]	975.883	562.317	556.977	557.313	556.641	G[14]
R[29]	1027.618	543.309	537.970	538.306	537.634	R[13]
V[30]	1060.940	490.275	485.036	485.372	484.699	V[12]
H[31]	1106.626	458.253	452.913	453.249	452.577	H[11]
R[32]	1158.660	412.967	407.227	407.563	406.891	R[10]
L[33]	1196.355	360.533	355.193	355.529	354.857	L[9]
L[34]	1234.049	322.874	317.489	317.825	317.153	L[8]
L[35]	1266.653	285.144	279.804	280.140	279.468	L[7]
K[36]	1328.781	233.110	227.770	228.106	227.434	K[6]
G[37]	1347.788	190.412	185.072	185.408	184.736	G[5]
N[38]	1385.803	171.404	166.065	166.401	165.729	N[4]
Y[39]	1440.157	133.390	128.051	128.386	127.715	Y[3]
S[40]	1469.168	99.136	93.796	94.132	93.460	S[2]
E[41]	1512.182	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.57
- ▶ F113278.dat
- ▶ query=q70410.p1
- ▶ precursor=907.911100
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1134.634	1130.630	0.795	1130.378	S[41]
G	2	51.780	1102.374	1096.369	0.795	1096.117	G[40]
R	3	90.805	1088.118	1084.114	1084.366	1083.862	R[39]
K	4	105.061	1049.093	1045.088	1045.340	1044.836	K[38]
K	5	147.587	1034.838	1030.833	1031.085	1030.581	K[37]
Q	6	179.602	992.311	988.307	988.559	988.055	Q[36]
G	7	193.857	960.297	956.292	956.544	956.040	G[35]
G	8	208.112	946.041	942.037	942.289	941.785	G[34]
K	9	240.136	931.786	927.781	928.033	927.529	K[33]
A	10	257.895	899.762	895.757	896.009	895.505	A[32]
R	11	296.921	882.503	877.998	878.250	877.746	R[31]
A	12	314.680	842.978	838.973	839.225	838.721	A[30]
K	13	346.704	825.218	821.214	821.466	820.962	K[29]
A	14	364.463	793.195	789.190	789.442	788.938	A[28]
K	15	396.487	775.435	771.431	771.683	771.179	K[27]
S	16	418.245	743.412	739.407	739.659	739.155	S[26]
R	17	457.270	721.654	717.649	717.901	717.397	R[25]
S	18	479.028	682.628	678.624	678.876	678.372	S[24]
S	19	500.786	650.870	646.865	647.117	646.613	S[23]
R	20	539.811	639.112	635.108	635.360	634.856	R[22]
A	21	557.571	600.087	596.082	596.334	595.830	A[21]
G	22	571.826	582.328	578.323	578.575	578.071	G[20]
L	23	600.097	568.072	564.068	564.320	563.816	L[19]
Q	24	632.112	539.803	535.797	536.049	535.545	Q[18]
F	25	668.679	507.787	503.782	504.034	503.530	F[17]
P	26	693.142	471.020	467.015	467.267	466.763	P[16]
V	27	717.909	446.756	442.752	443.004	442.500	V[15]
G	28	732.164	421.989	417.985	418.237	417.733	G[14]
R	29	771.190	407.734	403.729	403.981	403.477	R[13]
V	30	795.957	388.709	384.704	384.956	384.452	V[12]
L	31	832.221	343.942	339.937	340.189	339.685	L[11]
R	32	869.247	309.677	305.672	305.924	305.420	R[10]
L	33	897.518	270.652	266.647	266.899	266.395	L[9]
L	34	925.789	242.381	238.376	238.628	238.124	L[8]
R	35	964.814	214.110	210.105	210.357	209.853	R[7]
K	36	996.838	175.084	171.080	171.332	170.828	K[6]
G	37	1011.093	143.961	139.956	140.208	139.704	G[5]
N	38	1030.004	128.805	124.800	125.052	124.548	N[4]
V	39	1080.370	100.294	96.290	96.542	96.038	V[3]
S	40	1102.128	98.529	94.524	94.776	94.272	S[2]
E	41	1134.888	37.771	33.766	34.018	33.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.98
- ▶ F113278.dat
- ▶ query=q70494.p1
- ▶ precursor=759.094720
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4549.531	4533.531	0.000	4532.505	S[41]
G	2	204.068	4420.489	4404.470	0.000	4403.462	G[40]
R	3	360.199	4301.467	4284.448	4368.456	4346.441	R[39]
G	4	417.220	4207.366	4191.347	4192.355	4190.339	G[38]
K	5	587.326	4150.345	4134.326	4135.334	4133.316	K[37]
Q	6	715.345	3989.328	3974.320	3965.328	3963.311	Q[36]
G	7	772.406	3852.480	3836.461	3837.470	3835.454	G[35]
G	8	829.427	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	957.522	3736.138	3722.119	3723.127	3721.111	K[33]
A	10	1028.560	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1104.661	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1255.698	3382.904	3366.885	3367.893	3365.877	A[30]
R	13	1383.793	3311.867	3295.848	3296.856	3294.841	R[29]
A	14	1454.830	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1582.925	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1683.973	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1840.074	2883.582	2867.563	2868.562	2866.546	R[25]
S	18	1929.008	2797.494	2781.475	2782.483	2780.467	S[24]
S	19	2014.138	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2170.239	2553.421	2537.402	2538.410	2536.401	R[22]
A	21	2241.276	2497.326	2481.307	2482.315	2480.300	A[21]
G	22	2298.297	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2411.381	2209.260	2193.240	2194.247	2192.241	L[19]
Q	24	2539.440	2158.184	2142.165	2143.173	2141.157	Q[18]
F	25	2686.508	2028.125	2012.106	2013.114	2011.098	F[17]
F	26	2783.561	1881.057	1865.038	1866.046	1864.030	F[16]
V	27	2822.630	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2939.651	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3076.732	1627.814	1611.795	1612.803	1610.787	R[13]
D	30	3194.821	1471.813	1455.794	1456.802	1454.786	D[12]
H	31	3331.880	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3487.981	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3601.065	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3714.149	966.500	950.482	951.489	949.474	L[8]
R	35	3870.250	833.416	817.398	818.405	816.390	R[7]
K	36	3998.345	697.315	681.296	682.304	680.289	K[6]
G	37	4055.366	569.220	553.201	554.209	552.194	G[5]
N	38	4169.409	512.099	496.180	497.188	495.172	N[4]
V	39	4312.473	398.156	382.137	383.145	381.129	V[3]
S	40	4419.505	235.082	219.074	220.082	218.066	S[2]
E	41	4548.547	148.060	132.043	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.98
- ▶ F113278.dat
- ▶ query=q70494_p1
- ▶ precursor=759.094720
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s1	#s2	c	AA	
S	1	74.062	2278.206	2287.280	8.804	2286.187	S[41]
G	2	102.553	3210.748	3203.730	0.504	3202.232	G[40]
R	3	180.603	2182.237	2174.238	2174.732	2173.724	R[39]
G	4	209.114	2104.187	2096.177	2096.681	2095.673	G[38]
K	5	294.187	2075.876	2067.887	2068.170	2067.163	K[37]
G	6	358.196	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	388.197	1926.594	1918.593	1919.889	1918.880	G[35]
G	8	435.217	1868.081	1890.074	1890.578	1889.570	G[34]
K	9	478.265	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	514.283	1805.525	1797.516	1798.819	1797.812	A[32]
R	11	592.834	1770.008	1762.007	1762.501	1761.493	R[31]
A	12	628.353	1692.995	1683.986	1684.480	1683.443	A[30]
R	13	692.400	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	727.919	1592.900	1584.380	1584.884	1583.876	A[28]
K	15	791.966	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	842.490	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	877.540	1442.300	1434.291	1434.794	1433.786	R[25]
S	18	964.056	1364.249	1356.240	1356.744	1355.736	S[24]
S	19	1007.572	1328.733	1321.724	1313.228	1312.220	S[23]
R	20	1085.623	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1121.142	1199.161	1191.157	1191.661	1190.653	A[21]
G	22	1149.652	1133.648	1125.639	1126.143	1125.135	G[20]
L	23	1206.194	1078.337	1071.328	1071.832	1070.824	L[19]
Q	24	1270.224	1013.995	1007.986	1007.990	1007.082	Q[18]
F	25	1343.758	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1392.284	941.033	933.023	933.526	932.518	F[16]
V	27	1441.818	892.506	884.496	885.000	883.992	V[15]
G	28	1470.329	842.971	834.962	834.458	833.450	G[14]
R	29	1545.844	774.443	806.451	806.955	805.947	R[13]
V	30	1597.914	736.410	728.401	728.905	727.897	V[12]
H	31	1666.443	688.876	678.886	679.370	678.363	H[11]
R	32	1744.494	618.346	610.337	610.841	609.833	R[10]
L	33	1803.036	540.206	532.206	532.700	531.703	L[9]
L	34	1887.878	483.794	475.783	476.286	475.281	L[8]
R	35	1935.820	427.212	419.202	419.706	418.699	R[7]
K	36	1999.876	349.161	341.152	341.656	340.648	K[6]
G	37	2028.187	285.114	277.104	277.608	276.600	G[5]
N	38	2085.208	256.603	248.594	249.098	248.090	N[4]
V	39	2166.740	199.582	191.572	192.076	191.068	V[3]
S	40	2219.296	118.056	110.041	110.544	109.537	S[2]
E	41	2274.777	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.98
- ▶ F113278.dat
- ▶ query=q70494_p1
- ▶ precursor=759.094720
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1511.184	1511.842	0.872	1311.567	S(41)
G	2	86.704	1474.188	1468.528	0.672	1468.402	G(40)
R	3	1307.188	1455.161	1449.821	1450.157	1449.485	R(39)
G	4	139.745	1460.127	1397.787	1396.423	1397.451	G(38)
K	5	196.447	1384.120	1378.790	1379.116	1378.441	K(37)
G	6	239.123	1327.418	1322.078	1322.414	1321.742	G(36)
G	7	288.140	1264.733	1259.303	1279.728	1278.956	G(35)
G	8	297.147	1265.725	1260.385	1260.721	1260.040	G(34)
K	9	319.646	1246.717	1241.378	1241.714	1241.042	K(33)
A	10	383.525	1204.019	1198.079	1199.015	1198.344	A(32)
R	11	395.558	1189.240	1175.080	1175.436	1174.064	R(31)
A	12	439.239	1178.306	1172.967	1173.303	1172.631	A(30)
K	13	461.936	1104.627	1099.288	1099.624	1098.952	K(29)
A	14	485.615	1061.929	1056.589	1056.925	1056.253	A(28)
K	15	508.313	1038.250	1032.910	1033.246	1032.574	K(27)
T	16	561.996	995.552	990.212	990.548	989.876	T(26)
R	17	614.629	961.069	956.529	956.865	956.193	R(25)
S	18	693.090	959.879	964.465	964.814	964.160	S(24)
S	19	672.051	880.825	875.485	875.821	875.149	S(23)
R	20	724.084	851.614	846.474	846.810	846.138	R(22)
A	21	787.303	799.780	794.441	794.777	794.102	A(21)
G	22	766.771	776.101	770.762	771.098	770.426	G(20)
L	23	759.094	769.094	763.755	764.090	763.419	L(19)
G	24	847.152	739.366	734.027	734.363	733.691	G(18)
F	25	886.174	676.713	671.374	671.710	671.038	F(17)
F	26	938.525	627.600	622.261	622.597	621.925	F(16)
V	27	961.548	595.139	590.000	590.336	589.664	V(15)
G	28	980.555	562.317	556.977	557.313	556.641	G(14)
R	29	1000.554	464.309	458.970	459.306	458.634	R(13)
V	30	1065.612	401.275	405.936	406.272	405.600	V(12)
H	31	1111.298	458.253	452.913	453.249	452.577	H(11)
R	32	1183.132	412.967	407.227	407.563	406.891	R(10)
L	33	1201.026	360.533	355.193	355.529	354.857	L(9)
L	34	1236.271	322.448	317.109	317.445	316.773	L(8)
R	35	1280.752	268.144	272.804	273.140	272.468	R(7)
K	36	1333.453	233.110	227.770	228.106	227.434	K(6)
G	37	1352.460	190.412	185.072	185.408	184.736	G(5)
N	38	1390.475	171.404	166.065	166.401	165.729	N(4)
V	39	1444.829	133.290	128.051	128.386	127.715	V(3)
S	40	1471.580	99.136	93.796	94.132	93.460	S(2)
E	41	1516.854	50.025	44.685	45.021	44.349	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.98
- ▶ F113278.dat
- ▶ query=q70494_p1
- ▶ precursor=759.094720
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	57.525	1138.136	1134.134	0.755	1133.862	S 41
G 2	51.780	1105.878	1101.873	0.755	1101.621	G 40
R 3	90.805	1091.622	1087.618	1087.870	1087.356	R 39
G 4	105.061	1052.597	1048.592	1048.844	1048.340	G 38
K 5	147.587	1038.342	1034.337	1034.589	1034.085	K 37
Q 6	179.802	895.815	891.811	892.062	891.545	Q 36
G 7	183.957	953.803	950.798	950.048	950.544	G 35
G 8	208.112	949.545	945.541	945.792	945.289	G 34
K 9	240.136	935.290	931.285	931.537	931.031	K 33
A 10	257.895	903.260	899.251	899.513	899.009	A 32
R 11	296.621	885.507	881.502	881.754	881.250	R 31
A 12	314.688	846.856	842.477	842.729	842.225	A 30
R 13	346.704	828.722	824.718	824.970	824.466	R 29
A 14	384.463	796.699	792.694	792.946	792.442	A 28
K 15	396.487	778.939	774.935	775.187	774.681	K 27
T 16	421.749	746.915	742.911	743.163	742.659	T 26
R 17	460.774	721.684	717.680	717.901	717.397	R 25
S 18	482.932	682.828	678.824	679.076	678.572	S 24
S 19	504.290	660.870	656.866	657.118	656.614	S 23
R 20	543.315	639.112	635.108	635.360	634.856	R 22
A 21	561.074	600.087	596.082	596.334	595.830	A 21
G 22	575.330	582.126	578.121	578.375	577.871	G 20
L 23	603.801	568.072	564.068	564.320	563.816	L 19
Q 24	635.015	539.803	535.797	536.049	535.545	Q 19
F 25	672.383	507.787	503.782	504.034	503.530	F 17
F 26	696.646	471.020	467.015	467.267	466.763	F 16
V 27	721.413	446.756	442.752	443.004	442.500	V 15
G 28	735.668	421.989	417.985	418.237	417.733	G 14
D 29	774.894	407.734	403.729	403.981	403.477	D 13
D 30	799.051	368.709	364.704	364.956	364.452	D 12
H 31	833.725	343.942	339.937	340.189	339.685	H 11
R 32	872.751	309.677	305.672	305.924	305.420	R 10
L 33	901.022	270.652	266.647	266.899	266.395	L 9
L 34	929.293	242.381	238.376	238.628	238.124	L 8
R 35	968.318	214.130	210.125	210.377	209.873	R 7
R 36	1000.342	175.084	171.080	171.332	170.828	R 6
G 37	1014.597	143.061	139.056	139.308	138.804	G 5
N 38	1043.108	126.805	124.800	125.052	124.548	N 4
V 39	1083.874	100.294	96.290	96.542	96.038	V 3
S 40	1105.632	59.529	55.524	55.776	55.272	S 2
E 41	1137.892	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.98
- ▶ F113278.dat
- ▶ query=q70494_p1
- ▶ precursor=759.094720
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	910.712	907.508	0.806	907.307	S[41]
G[2]	41.625	884.904	881.700	0.806	881.496	G[40]
R[3]	72.846	873.499	870.295	870.497	870.094	R[39]
G[4]	84.250	842.279	839.075	839.277	838.874	G[38]
K[5]	118.271	830.875	827.671	827.873	827.469	K[37]
Q[6]	143.883	796.854	793.650	793.851	793.448	Q[36]
G[7]	155.287	771.242	768.038	768.240	767.837	G[35]
G[8]	166.691	759.836	756.634	756.835	756.432	G[34]
K[9]	192.310	748.431	745.230	745.431	745.028	K[33]
A[10]	206.515	722.814	719.611	719.812	719.409	A[32]
R[11]	237.738	708.607	705.403	705.605	705.202	R[31]
A[12]	251.945	677.387	674.183	674.385	673.981	A[30]
K[13]	277.564	663.179	659.976	660.177	659.774	K[29]
A[14]	291.772	637.560	634.357	634.558	634.155	A[28]
K[15]	317.391	623.353	620.149	620.351	619.948	K[27]
T[16]	337.600	597.734	594.530	594.732	594.329	T[26]
R[17]	368.821	577.524	574.321	574.522	574.119	R[25]
S[18]	388.227	546.305	543.100	543.302	542.899	S[24]
S[19]	403.633	528.898	525.694	525.896	525.492	S[23]
R[20]	434.854	511.491	508.288	508.489	508.086	R[22]
A[21]	449.061	480.271	477.067	477.269	476.866	A[21]
G[22]	460.465	466.054	462.850	463.051	462.650	G[20]
L[23]	483.082	454.650	451.456	451.657	451.254	L[19]
Q[24]	508.694	432.043	428.839	429.040	428.637	Q[18]
F[25]	538.108	406.431	403.227	403.429	403.026	F[17]
P[26]	557.518	377.017	373.813	374.015	373.612	P[16]
V[27]	577.332	357.607	354.403	354.604	354.201	V[15]
E[28]	588.736	337.793	334.589	334.791	334.388	E[14]
K[29]	619.956	326.389	323.185	323.386	322.983	K[13]
V[30]	639.770	295.165	291.960	292.166	291.763	V[12]
H[31]	667.182	275.355	272.151	272.353	271.949	H[11]
R[32]	698.402	247.943	244.739	244.941	244.538	R[10]
L[33]	721.019	216.723	213.519	213.721	213.317	L[9]
L[34]	743.636	194.106	190.902	191.104	190.701	L[8]
R[35]	774.856	171.489	168.285	168.487	168.084	R[7]
K[36]	800.475	140.269	137.065	137.267	136.864	K[6]
G[37]	811.879	114.650	111.446	111.648	111.245	G[5]
N[38]	834.688	103.245	100.042	100.243	99.840	N[4]
V[39]	897.800	80.431	77.233	77.435	77.032	V[3]
S[40]	884.707	47.824	44.621	44.822	44.419	S[2]
E[41]	910.515	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.96
- ▶ F113278.dat
- ▶ query=q70495.p1
- ▶ precursor=910.713460
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA
S	147.076	4549.531	4533.537	0.000	4532.562	S[41]
G	204.098	4420.689	4404.470	0.000	4403.462	G[40]
R	360.199	4363.467	4347.440	4348.456	4346.441	R[39]
G	417.220	4207.366	4191.347	4192.355	4190.339	G[38]
K	587.326	4150.345	4134.326	4135.334	4133.318	K[37]
G	715.265	3980.239	3964.220	3965.228	3963.212	G[36]
G	772.406	3852.180	3836.161	3837.170	3835.154	G[35]
G	859.427	3795.158	3779.140	3780.148	3778.132	G[34]
K	957.522	3738.138	3722.119	3723.127	3721.111	K[33]
A	1028.560	3610.043	3594.024	3595.032	3593.016	A[32]
R	1184.661	3539.005	3522.987	3523.995	3521.979	R[31]
A	1255.698	3482.904	3466.886	3467.893	3465.878	A[30]
R	1383.793	3331.867	3325.848	3326.856	3324.841	R[29]
A	1454.830	3183.772	3167.754	3168.761	3166.746	A[28]
K	1562.925	3112.735	3096.716	3097.724	3095.709	K[27]
T	1683.973	2984.640	2968.621	2969.629	2967.614	T[26]
R	1840.074	2883.592	2867.574	2868.582	2866.566	R[25]
S	1929.106	2797.491	2781.473	2782.480	2780.465	S[24]
S	2014.138	2640.458	2624.441	2625.448	2623.433	S[23]
R	2170.239	2553.427	2537.409	2538.416	2536.401	R[22]
A	2241.276	2397.326	2381.307	2382.315	2380.300	A[21]
G	2286.297	2326.289	2310.270	2311.278	2309.263	G[20]
L	2413.381	2269.268	2253.249	2254.257	2252.241	L[19]
G	2530.440	2156.184	2140.165	2141.173	2139.157	G[18]
F	2686.508	2028.125	2012.106	2013.114	2011.100	F[17]
P	2783.561	1881.051	1865.038	1866.046	1864.030	P[16]
V	2823.630	1784.004	1767.985	1768.993	1766.977	V[15]
G	2939.651	1684.935	1668.917	1669.924	1667.909	G[14]
R	3025.752	1629.914	1613.895	1612.903	1610.888	R[13]
V	3194.821	1471.813	1455.794	1456.802	1454.786	V[12]
H	3331.880	1372.744	1356.726	1357.734	1355.718	H[11]
R	3487.981	1235.685	1219.667	1220.675	1218.659	R[10]
L	3601.065	1079.584	1063.565	1064.573	1062.558	L[9]
L	3714.149	946.500	930.482	931.490	929.474	L[8]
R	3810.250	853.416	837.398	838.406	836.390	R[7]
K	3998.345	697.315	681.296	682.304	680.289	K[6]
G	4058.366	569.220	553.201	554.209	552.194	G[5]
N	4169.409	512.199	496.180	497.188	495.172	N[4]
V	4324.473	398.156	382.137	383.145	381.129	V[3]
S	4435.505	278.104	262.084	263.092	261.076	S[2]
E	4548.547	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.96
- ▶ F113278.dat
- ▶ query=q70495.p1
- ▶ precursor=910.713460
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#±1	#±2	z	AA	
S	1	74.062	2278.206	2287.280	8.804	2286.187	S[41]
G	2	102.553	2210.748	2203.730	0.504	2202.235	G[40]
R	3	180.603	2182.297	2174.238	2174.732	2173.724	R[39]
G	4	209.114	2104.187	2096.177	2096.681	2095.673	G[38]
K	5	294.187	2075.876	2067.887	2068.170	2067.163	K[37]
G	6	358.156	1990.621	1992.612	1983.118	1982.110	G[36]
G	7	388.197	1926.594	1918.584	1918.088	1918.080	G[35]
G	8	435.217	1868.083	1869.074	1890.578	1889.570	G[34]
K	9	479.265	1869.572	1861.583	1862.567	1861.050	K[33]
A	10	514.283	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	592.834	1770.008	1761.997	1762.561	1761.460	R[31]
A	12	638.953	1692.956	1683.946	1684.950	1683.443	A[30]
R	13	692.400	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	727.919	1592.900	1584.380	1584.884	1583.876	A[28]
K	15	791.966	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	842.490	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	920.540	1442.800	1434.281	1434.784	1433.780	R[25]
S	18	964.976	1384.249	1356.240	1356.744	1355.736	S[24]
S	19	1007.572	1320.733	1312.724	1313.228	1312.220	S[23]
R	20	1085.623	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1121.142	1199.187	1191.157	1191.661	1190.653	A[21]
G	22	1149.652	1163.648	1155.639	1156.143	1155.135	G[20]
L	23	1207.194	1138.137	1129.128	1127.632	1128.624	L[19]
Q	24	1270.224	1078.595	1070.586	1071.090	1070.082	Q[18]
F	25	1343.758	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1392.284	941.033	933.023	933.526	932.519	F[16]
V	27	1441.818	892.506	884.496	885.000	883.992	V[15]
G	28	1498.359	842.971	834.962	835.466	834.458	G[14]
R	29	1548.380	814.481	806.471	806.975	805.968	R[13]
V	30	1587.914	736.410	728.401	728.905	727.897	V[12]
H	31	1666.443	688.876	678.886	679.370	678.363	H[11]
R	32	1744.494	618.346	610.337	610.841	609.833	R[10]
L	33	1803.036	540.206	532.200	532.700	531.703	L[9]
L	34	1857.578	489.794	479.783	479.286	478.281	L[8]
R	35	1935.459	427.212	419.202	419.706	418.698	R[7]
K	36	1999.676	349.161	341.152	341.656	340.648	K[6]
G	37	2028.187	285.114	277.104	277.608	276.600	G[5]
N	38	2085.208	256.603	248.594	249.098	248.090	N[4]
V	39	2166.740	189.582	181.573	182.076	181.068	V[3]
S	40	2210.266	118.056	110.047	110.549	109.541	S[2]
E	41	2274.777	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.96
- ▶ F113278.dat
- ▶ query=q70495.p1
- ▶ precursor=910.713460
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	#s	AA	
S	1	49.697	1517.182	1511.842	0.872	1511.506	S[41]
G	2	86.704	1474.155	1468.528	0.672	1468.402	G[40]
R	3	1307.188	1455.161	1449.821	1450.157	1440.485	R[30]
G	4	139.745	1403.127	1397.787	1396.423	1397.451	G[38]
K	5	196.447	1384.120	1378.780	1379.116	1378.441	K[37]
G	6	239.133	1327.418	1322.079	1322.414	1321.742	G[36]
G	7	288.140	1284.783	1279.392	1279.728	1279.056	G[35]
G	8	277.147	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	319.846	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	383.525	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	395.558	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	419.237	1128.206	1122.867	1123.203	1122.531	A[30]
K	13	461.936	1104.627	1099.288	1099.624	1098.952	K[29]
A	14	485.615	1061.929	1056.589	1056.925	1056.253	A[28]
K	15	528.313	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	561.996	995.552	990.212	990.548	989.876	T[26]
R	17	614.629	961.869	956.529	956.865	956.193	R[25]
S	18	643.090	959.835	954.495	954.831	954.160	S[24]
S	19	672.051	980.825	875.485	875.821	875.149	S[23]
R	20	734.084	851.814	846.474	846.810	846.138	R[22]
A	21	747.763	799.780	794.441	794.777	794.105	A[21]
G	22	766.771	776.101	770.762	771.098	770.426	G[20]
L	23	804.468	759.094	753.754	754.090	753.418	L[19]
Q	24	847.152	733.895	728.555	728.891	728.219	Q[18]
F	25	896.174	676.713	671.374	671.710	671.038	F[17]
P	26	928.525	627.600	622.261	622.597	621.925	P[16]
V	27	961.548	595.139	590.000	590.336	589.664	V[15]
G	28	980.555	562.317	556.977	557.313	556.641	G[14]
R	29	1012.849	543.309	537.970	538.306	537.634	R[13]
V	30	1065.612	490.275	485.036	485.372	484.700	V[12]
H	31	1111.298	458.253	452.913	453.249	452.577	H[11]
R	32	1183.332	412.967	407.227	407.563	406.891	R[10]
L	33	1261.029	360.533	355.193	355.529	354.857	L[9]
L	34	1238.721	322.836	317.496	317.832	317.160	L[8]
R	35	1295.859	285.144	279.804	280.140	279.468	R[7]
K	36	1333.453	233.110	227.770	228.106	227.434	K[6]
G	37	1352.460	190.412	185.072	185.408	184.736	G[5]
N	38	1390.475	171.404	166.064	166.400	165.728	N[4]
V	39	1444.829	133.390	128.050	128.386	127.714	V[3]
S	40	1471.840	99.136	93.796	94.132	93.460	S[2]
E	41	1516.854	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

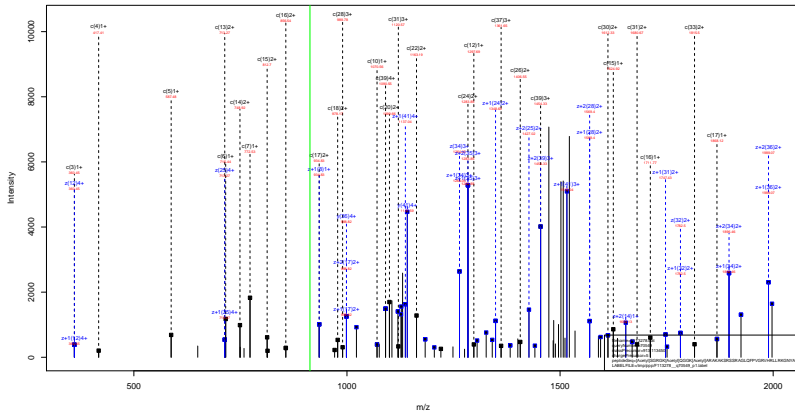
[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=58.96
- ▶ F113278.dat
- ▶ query=q70495.p1
- ▶ precursor=910.713460
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s=1	#s=2	#s	AA	
S	1	37.505	1138.138	1134.134	0.705	1133.882	S[41]
G	2	51.780	1125.875	1101.873	0.795	1101.621	G[40]
R	3	90.805	1091.622	1087.618	1087.870	1087.366	R[39]
G	4	109.001	1052.597	1048.592	1048.844	1048.340	G[38]
K	5	147.587	1038.342	1034.337	1034.589	1034.085	K[37]
G	6	179.602	995.815	991.811	992.062	991.559	G[36]
G	7	193.857	983.303	979.299	979.550	979.046	G[35]
G	8	208.112	949.545	945.541	945.792	945.289	G[34]
K	9	240.136	935.290	931.285	931.537	931.033	K[33]
A	10	257.895	903.266	899.261	899.513	899.009	A[32]
R	11	296.921	895.507	891.502	891.754	891.250	R[31]
A	12	314.880	868.582	842.477	832.239	842.225	A[30]
K	13	346.704	838.722	834.718	834.970	834.466	K[29]
A	14	384.483	796.699	792.694	792.946	792.442	A[28]
K	15	396.487	778.939	774.935	775.187	774.683	K[27]
T	16	421.749	746.915	742.911	743.163	742.659	T[26]
R	17	469.774	721.894	717.889	717.901	717.397	R[25]
S	18	482.512	692.626	688.621	688.873	688.369	S[24]
S	19	504.290	660.870	656.866	657.118	656.614	S[23]
R	20	543.315	638.112	634.108	634.360	634.856	R[22]
A	21	581.074	600.087	596.082	596.334	595.830	A[21]
G	22	575.130	582.328	578.323	578.575	578.071	G[20]
L	23	603.881	568.072	564.068	564.320	563.816	L[19]
Q	24	635.615	539.805	535.797	536.049	535.545	Q[18]
F	25	672.383	507.587	503.578	504.034	503.530	F[17]
P	26	698.646	471.020	467.015	467.267	466.763	P[16]
V	27	721.413	446.756	442.752	443.004	442.500	V[15]
G	28	735.869	421.989	417.985	418.237	417.733	G[14]
R	29	774.694	389.734	385.729	385.981	385.477	R[13]
V	30	799.461	368.709	364.704	364.956	364.452	V[12]
H	31	833.725	343.942	339.937	340.189	339.685	H[11]
R	32	872.751	309.677	305.672	305.924	305.420	R[10]
L	33	901.622	270.652	266.647	266.899	266.395	L[9]
L	34	929.289	242.381	238.376	238.628	238.124	L[8]
R	35	968.318	214.110	210.105	210.357	209.853	R[7]
K	36	1000.342	175.084	171.080	171.332	170.828	K[6]
G	37	1014.597	143.061	139.056	139.308	138.804	G[5]
N	38	1043.108	128.805	124.800	125.052	124.548	N[4]
Y	39	1083.874	100.294	96.289	96.542	96.038	Y[3]
S	40	1118.638	59.529	55.524	55.776	55.272	S[2]
E	41	1137.892	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR GK ^{Acetyl} 42.01 QGGK ^{Acetyl} 42.01 ARAKAKSRSSRAGLQFPVGRVHLLLRKGN YAE



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} QGGK^{Acetyl} ARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{42.01}YAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.26
- ▶ F113278.dat
- ▶ query=q70549_p1
- ▶ precursor=913.113450
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	147.076	4561.311	4565.312	0.000	4544.307	S[1]
G	2	204.098	4432.489	4416.470	0.000	4415.462	G[2]
R	3	360.199	4375.467	4359.448	4360.456	4358.441	R[3]
G	4	417.220	4219.366	4203.347	4204.355	4202.339	G[38]
K	5	587.326	4162.345	4146.326	4147.334	4145.318	K[37]
Q	6	715.265	3992.239	3976.220	3977.228	3975.212	Q[36]
G	7	772.406	3854.180	3838.161	3839.170	3847.156	G[35]
G	8	859.427	3807.158	3791.140	3792.148	3790.132	G[34]
K	9	896.533	3760.138	3744.119	3745.127	3733.111	K[33]
A	10	1070.570	3680.012	3664.013	3665.021	3663.005	A[32]
R	11	1223.571	3538.995	3492.976	3493.984	3491.968	R[31]
A	12	1297.708	3382.984	3336.975	3337.983	3335.967	A[30]
R	13	1425.524	3281.857	3265.838	3266.846	3264.830	R[29]
A	14	1496.640	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1624.935	3082.725	3066.706	3067.714	3065.699	K[27]
S	16	1711.967	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1868.069	2897.598	2881.579	2882.587	2880.571	R[25]
S	18	1955.153	2711.496	2695.477	2696.486	2694.470	S[24]
S	19	2042.133	2634.464	2618.446	2619.454	2617.438	S[23]
R	20	2186.234	2537.433	2521.414	2522.422	2520.406	R[22]
A	21	2289.271	2381.311	2365.292	2366.300	2364.284	A[21]
Q	22	2326.292	2310.294	2294.275	2295.283	2293.267	Q[20]
L	23	2439.378	2253.271	2237.252	2238.260	2236.244	L[19]
Q	24	2507.435	2140.185	2124.170	2125.178	2123.162	Q[18]
F	25	2714.503	2012.130	1996.111	1997.119	1995.104	F[17]
F	26	2811.556	1895.062	1849.043	1850.051	1848.035	F[16]
V	27	3010.625	1748.009	1751.990	1752.998	1750.982	V[15]
Q	28	2967.646	1668.940	1682.922	1653.930	1681.914	Q[14]
R	29	3123.617	1611.919	1595.902	1596.910	1594.892	R[13]
V	30	3222.616	1455.816	1439.799	1440.807	1438.791	V[12]
H	31	3356.674	1358.749	1340.731	1341.739	1339.723	H[11]
R	32	3515.976	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3629.060	1083.589	1047.571	1048.579	1046.563	L[9]
L	34	3742.144	958.505	934.487	935.496	933.479	L[8]
R	35	3896.245	837.422	821.403	822.410	820.394	R[7]
K	36	4026.340	681.320	665.302	666.309	664.294	K[6]
G	37	4083.361	583.225	537.207	538.214	536.199	G[5]
N	38	4197.404	496.204	480.185	481.193	479.177	N[4]
V	39	4366.467	382.161	366.142	367.150	365.134	V[3]
A	40	4431.505	219.096	203.079	204.087	202.071	A[2]
E	41	4560.547	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} QGGK^{Acetyl}_{42.01} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{Acetyl}YAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.26
- ▶ F113278.dat
- ▶ query=q70549.p1
- ▶ precursor=913.113450
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#±1	#±2	z	AA	
S	1	74.982	2081.206	2273.260	8.804	2272.767	S(41)
G	2	102.553	2216.745	2208.730	0.504	2208.235	G(40)
R	3	180.603	2188.237	2180.230	2180.732	2179.724	R(39)
G	4	209.114	2110.187	2102.177	2102.681	2101.673	G(38)
K	5	294.187	2081.676	2073.667	2074.170	2073.163	K(37)
G	6	358.196	1996.622	1988.614	1989.118	1988.110	G(36)
G	7	388.187	1932.594	1924.584	1923.588	1924.081	G(35)
G	8	435.217	1904.083	1896.074	1896.578	1895.570	G(34)
K	9	500.270	1875.572	1867.563	1868.067	1867.059	K(33)
A	10	535.789	1790.520	1782.510	1781.014	1782.006	A(32)
R	11	613.839	1735.001	1746.992	1747.496	1746.488	R(31)
A	12	689.958	1678.913	1668.901	1669.405	1668.400	A(30)
K	13	713.405	1643.433	1633.423	1633.927	1632.919	K(29)
A	14	748.924	1577.384	1569.375	1569.879	1568.871	A(28)
K	15	812.971	1541.866	1533.857	1534.360	1533.351	K(27)
S	16	856.487	1477.818	1469.809	1470.313	1469.305	S(26)
R	17	934.538	1434.362	1426.352	1426.797	1425.790	R(25)
S	18	978.054	1356.363	1348.243	1348.746	1347.739	S(24)
S	19	1021.570	1312.738	1304.728	1305.230	1304.223	S(23)
R	20	1099.620	1269.220	1261.210	1261.714	1260.707	R(22)
A	21	1135.139	1191.169	1183.160	1183.664	1182.656	A(21)
C	22	1163.650	1135.650	1147.641	1148.145	1147.137	C(20)
L	23	1220.192	1127.140	1119.131	1119.635	1118.627	L(19)
Q	24	1284.221	1070.598	1082.589	1083.093	1082.085	Q(18)
F	25	1357.755	1008.509	998.559	999.063	998.055	F(17)
F	26	1406.282	933.034	925.025	925.529	924.521	F(16)
V	27	1455.816	884.508	876.499	877.003	876.995	V(15)
C	28	1484.327	834.074	826.065	827.068	826.061	C(14)
R	29	1552.874	808.483	800.474	800.978	799.970	R(13)
V	30	1611.911	728.413	720.403	720.907	719.899	V(12)
H	31	1660.441	678.878	670.869	671.373	670.365	H(11)
R	32	1738.491	610.349	602.340	602.843	601.835	R(10)
L	33	1815.033	532.289	524.280	524.783	523.785	L(9)
L	34	1813.576	478.756	469.747	469.251	468.243	L(8)
R	35	1869.626	419.214	411.205	411.709	410.701	R(7)
K	36	2013.674	341.164	333.154	333.658	332.650	K(6)
G	37	2042.184	277.116	269.107	269.611	268.603	G(5)
N	38	2099.206	248.606	240.596	241.100	240.092	N(4)
V	39	2180.727	181.564	183.575	184.079	183.071	V(3)
A	40	2218.266	110.026	102.017	102.521	101.513	A(2)
E	41	2280.777	74.534	66.524	67.028	66.021	E(1)

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK^{42.01} QGGK^{Acetyl} ARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{42.01}YAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=72.26
- ▶ F113278.dat
- ▶ query=q70549_p1
- ▶ precursor=913.113450
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1571.182	1515.842	0.672	1515.506	S 41
G 2	68.704	1476.168	1472.820	0.672	1472.492	G 40
R 3	130.738	1459.161	1453.821	1454.157	1453.485	R 39
G 4	139.745	1407.127	1403.787	1402.123	1401.451	G 38
K 5	106.447	1358.120	1382.780	1383.116	1382.444	K 37
Q 6	239.333	1331.416	1329.076	1326.414	1326.741	Q 36
G 7	226.140	1288.735	1283.392	1283.728	1283.056	G 35
G 8	277.147	1269.725	1264.385	1264.721	1264.049	G 34
K 9	331.849	1250.717	1245.370	1245.714	1245.042	K 33
A 10	357.528	1194.016	1188.676	1189.012	1188.340	A 32
R 11	409.562	1170.136	1164.997	1165.331	1164.661	R 31
A 12	433.291	1116.303	1112.963	1113.299	1112.627	A 30
R 13	475.939	1094.024	1089.254	1089.620	1088.946	R 29
A 14	499.618	1051.925	1046.589	1046.922	1046.250	A 28
K 15	542.317	1026.246	1022.907	1023.243	1022.571	K 27
S 16	571.327	985.548	980.208	980.544	979.871	S 26
R 17	623.361	956.537	951.198	951.534	950.862	R 25
S 18	652.372	904.504	899.164	899.500	898.828	S 24
S 19	681.382	875.493	870.153	870.489	869.817	S 23
R 20	731.416	846.463	841.143	841.479	840.807	R 22
A 21	757.095	794.449	789.109	789.445	788.773	A 21
G 22	776.102	770.770	765.430	765.766	765.094	G 20
L 23	813.797	751.762	746.423	746.759	746.087	L 19
Q 24	856.463	714.666	709.326	709.664	708.992	Q 19
F 25	905.506	671.382	666.042	666.378	665.706	F 17
P 26	937.857	622.359	617.019	617.355	616.683	P 16
V 27	970.880	590.028	584.688	585.024	584.352	V 15
G 28	989.887	556.985	551.645	551.981	551.309	G 14
R 29	1047.921	437.878	432.538	432.874	432.202	R 13
V 30	1074.943	408.844	403.504	403.841	403.169	V 12
H 31	1120.630	452.921	447.581	447.918	447.246	H 11
R 32	1172.663	407.735	402.395	402.731	402.059	R 10
L 33	1210.358	355.201	349.862	350.198	349.526	L 9
L 34	1248.051	317.507	312.167	312.503	311.831	L 8
R 35	1300.086	279.812	274.472	274.808	274.136	R 7
R 36	1342.785	232.778	227.438	227.775	227.103	R 6
G 37	1361.792	185.080	179.740	180.076	179.404	G 5
N 38	1399.806	166.073	160.733	161.069	160.397	N 4
V 39	1454.161	128.058	122.719	123.055	122.383	V 3
A 40	1477.840	73.704	68.364	68.700	68.028	A 2
E 41	1520.374	30.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

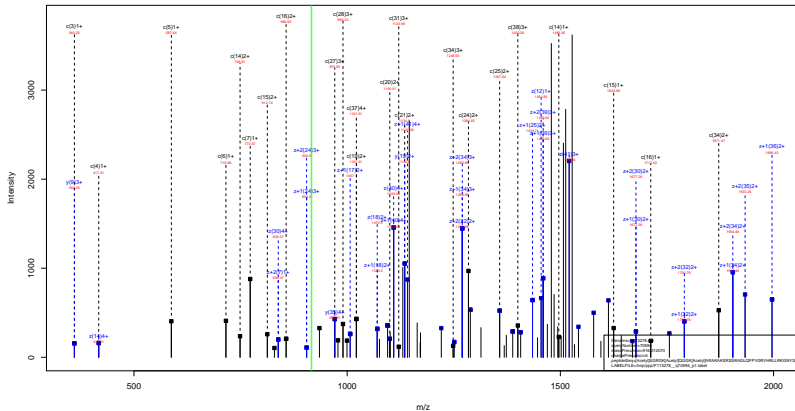
[Acetyl]SGRGGK^{Acetyl}_{42.01} QGGK^{Acetyl}_{42.01} ARAKAKSRSSRAGLQFPVGRVHLLRKGN^{Acetyl}YAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=72.26
- ▶ F113278.dat
- ▶ query=q70549_p1
- ▶ precursor=913.113450
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#=1	#=2	#=3	AA
S[1]	37.505	1141.136	1137.134	0.705	1136.882	S[41]
G[2]	51.780	1128.875	1124.873	0.795	1124.621	G[40]
R[3]	90.805	1094.623	1090.618	1090.870	1090.366	R[39]
G[4]	109.061	1055.597	1051.592	1051.844	1051.340	G[38]
K[5]	147.587	1041.342	1037.337	1037.589	1037.085	K[37]
G[6]	179.602	998.815	994.813	995.062	994.559	G[36]
G[7]	193.857	956.574	962.789	963.036	962.544	G[35]
G[8]	208.112	952.545	948.541	948.792	948.289	G[34]
K[9]	250.630	938.290	934.285	934.537	934.033	K[33]
A[10]	268.398	895.763	891.759	892.011	891.507	A[32]
R[11]	307.423	878.004	873.999	874.251	873.748	R[31]
A[12]	325.183	838.979	834.974	835.226	834.722	A[30]
K[13]	357.206	821.220	817.215	817.467	816.964	K[29]
A[14]	374.966	789.190	785.185	785.443	784.939	A[28]
K[15]	408.989	771.431	767.427	767.684	767.180	K[27]
S[16]	428.747	739.413	735.408	735.660	735.156	S[26]
R[17]	467.773	721.655	713.650	713.902	713.398	R[25]
S[18]	489.513	678.830	674.825	674.877	674.373	S[24]
S[19]	511.259	656.872	652.867	653.119	652.615	S[23]
R[20]	550.314	635.114	631.109	631.361	630.857	R[22]
A[21]	588.073	596.089	592.084	592.336	591.832	A[21]
G[22]	582.329	578.329	574.324	574.576	574.072	G[20]
L[23]	610.660	648.074	644.069	644.321	643.817	L[19]
Q[24]	642.614	635.803	631.798	632.050	631.546	Q[18]
F[25]	679.351	593.789	499.673	500.025	499.521	F[17]
F[26]	703.644	667.021	463.016	463.268	462.764	F[16]
V[27]	728.412	442.750	438.753	439.005	438.501	V[15]
G[28]	742.667	417.991	413.986	414.238	413.734	G[14]
R[29]	761.692	403.735	399.731	399.982	399.478	R[13]
V[30]	806.459	364.710	360.705	360.957	360.453	V[12]
H[31]	840.724	339.843	335.838	336.100	335.606	H[11]
R[32]	879.749	305.678	301.673	301.925	301.421	R[10]
L[33]	908.020	266.657	262.648	262.900	262.396	L[9]
L[34]	936.291	238.392	234.387	234.638	234.134	L[8]
R[35]	975.317	210.111	206.106	206.358	205.854	R[7]
K[36]	1007.340	171.088	167.081	167.333	166.829	K[6]
G[37]	1021.596	139.062	135.057	135.309	134.805	G[5]
N[38]	1050.106	124.806	120.802	121.054	120.550	N[4]
V[39]	1090.872	96.296	92.291	92.543	92.039	V[3]
A[40]	1140.819	55.530	51.525	51.777	51.273	A[2]
E[41]	1140.892	37.771	33.766	34.018	33.514	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} QGGK^{Acetyl}_{42.01} ARAKAKSRSSRAGLQFPVGRVHLLRKGNYS



sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}GRK^{42.01} QGGK^{Acetyl} ARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE^{42.01}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.95
- ▶ F113278.dat
- ▶ query=q70594.p1
- ▶ precursor=916.312070
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4377.526	4361.507	0.000	4560.500	S 41
G 2	204.068	4446.483	4432.465	0.000	4431.457	G 40
R 3	360.199	4391.462	4375.443	4376.451	4374.435	R 30
G 4	417.220	4235.361	4219.342	4220.350	4218.334	G 38
K 5	587.326	4178.139	4162.321	4163.329	4161.313	K 37
Q 6	713.385	4020.234	3999.215	3993.223	3991.207	Q 36
G 7	772.406	3980.173	3959.155	3955.164	3953.148	G 35
G 8	829.427	3823.154	3807.135	3808.143	3806.127	G 34
K 9	999.533	3766.132	3750.114	3751.122	3749.106	K 33
A 10	1070.570	3596.027	3580.008	3581.016	3579.000	A 32
R 11	1226.671	3524.990	3508.971	3509.979	3507.963	R 31
A 12	1297.708	3368.968	3352.950	3353.978	3351.962	A 30
R 13	1425.803	3297.952	3281.933	3282.941	3280.925	R 29
A 14	1496.840	3169.937	3153.918	3154.946	3152.930	A 28
K 15	1624.936	3098.919	3082.901	3083.909	3081.893	K 27
S 16	1711.967	2970.902	2954.883	2955.911	2953.895	S 26
R 17	1868.069	2883.882	2867.863	2868.872	2866.856	R 25
S 18	1955.103	2797.864	2781.845	2782.873	2780.857	S 24
S 19	2042.133	2640.850	2624.831	2625.848	2623.833	S 23
R 20	2198.234	2553.827	2537.808	2538.816	2536.800	R 22
A 21	2269.271	2497.810	2481.791	2482.819	2480.803	A 21
G 22	2326.292	2326.789	2310.770	2311.778	2309.762	G 20
L 23	2439.376	2269.768	2253.749	2254.757	2252.741	L 19
Q 24	267.435	2158.184	2142.165	2143.173	2141.157	Q 19
F 25	2714.503	2028.125	2012.106	2013.114	2011.098	F 17
F 26	2811.556	1881.057	1865.038	1866.046	1864.030	F 16
V 27	2910.625	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2967.646	1684.935	1668.917	1669.924	1667.908	G 14
R 29	3123.747	1627.814	1611.795	1612.803	1610.787	R 13
R 30	3232.816	1471.613	1455.594	1456.602	1454.780	R 12
H 31	3359.874	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3515.976	1235.685	1219.666	1220.675	1218.659	R 10
L 33	3629.060	1079.584	1063.565	1064.573	1062.558	L 9
L 34	3742.144	966.500	950.482	951.489	949.474	L 8
R 35	3898.245	833.416	817.398	818.405	816.390	R 7
R 36	4026.340	697.315	681.296	682.304	680.289	R 6
G 37	4083.361	569.220	553.201	554.209	552.194	G 5
N 38	4197.404	512.109	496.100	497.108	495.112	N 4
V 39	4300.467	398.150	382.137	383.145	381.129	V 3
S 40	4447.499	235.082	219.074	220.082	218.066	S 2
E 41	4576.542	144.060	132.043	133.050	131.034	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} QGGK^{Acetyl} ARAKAKSRSSRAGLQFPVGRVHLLRKGNYS^{42.01}E

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.95
- ▶ F113278.dat
- ▶ query=q70594_p1
- ▶ precursor=916.312070
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2089.241	2281.257	8.804	2280.781	S(41)
G	2	102.553	2224.745	2228.736	0.504	2216.232	G(49)
R	3	180.603	2196.235	2198.235	2188.720	2187.721	R(39)
G	4	209.114	2118.184	2110.175	2110.679	2109.671	G(38)
K	5	294.167	2089.673	2081.664	2082.168	2081.167	K(37)
G	6	358.196	2094.621	1996.611	1997.115	1996.107	G(36)
G	7	388.197	1940.591	1932.582		1931.088	G(35)
G	8	435.217	1912.081	1904.071	1904.575	1903.567	G(34)
K	9	500.270	1883.570	1875.560	1876.064	1875.057	K(33)
A	10	535.789	1798.517	1790.508	1791.012	1790.004	A(32)
R	11	613.839	1762.999	1754.989	1755.493	1754.485	R(31)
A	12	689.358	1684.948	1676.939	1677.443	1676.435	A(30)
R	13	713.405	1649.420	1641.410	1641.914	1640.910	R(29)
A	14	748.924	1585.383	1577.373	1577.876	1576.869	A(28)
K	15	812.971	1549.863	1541.854	1542.358	1541.350	K(27)
S	16	856.487	1485.816	1477.807	1478.310	1477.303	S(26)
R	17	934.538	1442.800	1434.291	1434.794	1433.787	R(25)
S	18	978.054	1384.249	1376.240	1376.744	1375.736	S(24)
S	19	1021.570	1326.733	1318.724	1319.228	1318.220	S(23)
R	20	1099.620	1277.217	1269.208	1269.712	1268.704	R(22)
A	21	1135.139	1229.167	1221.157	1221.661	1220.653	A(21)
G	22	1163.650	1183.648	1175.639	1176.143	1175.135	G(20)
L	23	1232.084	1136.597	1128.587	1129.091	1128.083	L(19)
Q	24	1284.221	1135.137	1127.128	1127.632	1126.624	Q(18)
F	25	1357.755	1074.596	1066.557	1067.061	1066.053	F(17)
F	26	1408.282	941.033	933.023	933.526	932.519	F(16)
V	27	1455.816	892.500	884.490	885.000	883.992	V(15)
G	28	1484.327	842.971	834.962	835.466	834.458	G(14)
R	29	1562.918	814.481	806.471	806.975	805.967	R(13)
V	30	1611.911	736.410	728.401	728.905	727.897	V(12)
H	31	1680.441	688.876	678.866	679.370	678.363	H(11)
R	32	1758.491	618.346	610.337	610.841	609.833	R(10)
L	33	1815.033	540.296	532.286	532.790	531.783	L(9)
L	34	1871.575	483.754	475.744	476.248	475.241	L(8)
R	35	1949.625	427.212	419.202	419.706	418.698	R(7)
K	36	2013.674	349.161	341.152	341.656	340.648	K(6)
G	37	2042.184	285.114	277.104	277.608	276.600	G(5)
N	38	2099.206	256.603	248.594	249.098	248.090	N(4)
V	39	2180.727	199.562	191.552	192.056	191.048	V(3)
S	40	2244.253	118.056	110.046	110.549	109.541	S(2)
E	41	2288.775	74.534	66.524	67.028	66.021	E(1)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGGK^{Acetyl}_{42.01} QGGK^{Acetyl}_{42.01} ARAKAKSRSSRAGLQFPVGRVHRLLRKGNYSK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.95
- ▶ F113278.dat
- ▶ query=q70594_p1
- ▶ precursor=916.312070
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#z1	#z2	z	AA	
S	1	48.676	1526.514	1521.174	0.872	1520.830	S(4)
G	2	86.704	1483.499	1478.160	0.872	1477.824	G(4)
R	3	130.718	1464.493	1459.153	1459.489	1458.817	R(3)
G	4	139.745	1412.458	1407.119	1407.405	1406.783	G(3)
K	5	196.447	1393.451	1388.112	1388.448	1387.776	K(3)
G	6	239.133	1336.749	1331.410	1331.796	1331.073	G(3)
G	7	288.140	1294.083	1288.724	1289.060	1288.388	G(3)
G	8	297.147	1275.056	1269.717	1270.053	1269.381	G(3)
K	9	333.649	1256.049	1250.709	1251.045	1250.373	K(3)
A	10	357.528	1199.347	1194.008	1194.344	1193.672	A(3)
R	11	409.562	1175.668	1170.329	1170.664	1169.993	R(3)
A	12	433.241	1133.945	1128.606	1128.942	1128.270	A(3)
K	13	475.919	1099.955	1094.616	1094.952	1094.280	K(3)
A	14	499.618	1057.257	1051.917	1052.253	1051.581	A(3)
K	15	542.317	1033.578	1028.238	1028.574	1027.902	K(3)
S	16	571.327	090.880	985.540	985.876	985.204	S(2)
R	17	623.264	981.869	976.529	976.865	976.193	R(2)
S	18	652.372	959.835	904.496	904.832	904.160	S(2)
S	19	681.382	980.825	875.485	875.821	875.149	S(2)
R	20	733.416	951.814	946.474	946.810	946.138	R(2)
A	21	757.095	799.780	794.441	794.777	794.105	A(2)
G	22	776.102	776.101	770.762	771.098	770.426	G(2)
L	23	813.289	759.094	753.754	754.090	753.418	L(2)
Q	24	856.483	719.309	714.000	714.306	713.624	Q(2)
F	25	905.508	676.713	671.374	671.710	671.038	F(2)
F	26	937.857	627.600	622.313	622.687	622.015	F(2)
V	27	970.880	595.139	590.000	590.336	589.664	V(2)
G	28	989.887	562.317	556.977	557.313	556.641	G(2)
R	29	1041.804	443.309	437.910	438.308	437.636	R(2)
V	30	1074.943	490.276	485.038	486.272	485.600	V(2)
H	31	1120.630	458.253	452.913	453.249	452.577	H(2)
R	32	1172.663	412.967	407.227	407.563	406.891	R(2)
L	33	1210.358	360.533	355.193	355.529	354.857	L(2)
L	34	1248.053	322.374	317.089	317.426	316.754	L(2)
R	35	1348.888	285.144	279.804	280.140	279.468	R(2)
K	36	1342.785	233.110	227.770	228.106	227.434	K(2)
G	37	1381.792	190.412	185.072	185.408	184.736	G(2)
N	38	1399.806	171.404	166.065	166.401	165.729	N(2)
V	39	1454.161	133.390	128.051	128.386	127.715	V(2)
S	40	1483.114	98.136	93.000	93.336	92.664	S(2)
E	41	1526.136	50.025	44.685	45.021	44.349	E(2)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} QGGK^{Acetyl} ARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS^{42.01}E

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=47.95
- ▶ F113278.dat
- ▶ query=q70594.p1
- ▶ precursor=916.312070
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1145.137	1141.132	0.755	1140.880	S 41
G 2	51.780	1112.876	1108.872	0.755	1108.620	G 40
R 3	90.805	1098.621	1094.616	1094.868	1094.364	R 39
G 4	105.061	1059.596	1055.591	1055.843	1055.139	G 38
K 5	147.567	1045.340	1041.336	1041.588	1041.084	K 37
Q 6	179.602	1029.214	999.800	999.801	999.557	Q 36
G 7	193.557	970.799	966.795	967.047	966.542	G 35
G 8	208.112	956.544	952.539	952.791	952.287	G 34
K 9	250.639	942.289	938.284	938.536	938.032	K 33
A 10	268.398	899.762	895.757	896.009	895.506	A 32
R 11	307.421	882.083	877.998	878.250	877.746	R 31
A 12	324.183	842.978	838.973	839.225	838.721	A 30
R 13	357.206	825.218	821.214	821.466	820.962	R 29
A 14	374.966	793.195	789.190	789.442	788.938	A 28
K 15	406.989	775.435	771.431	771.683	771.179	K 27
S 16	426.747	743.412	739.407	739.659	739.155	S 26
R 17	467.773	721.694	717.689	717.941	717.437	R 25
S 18	489.531	682.828	678.824	679.076	678.572	S 24
S 19	511.289	660.870	656.866	657.118	656.614	S 23
R 20	550.314	639.112	635.108	635.360	634.856	R 22
A 21	568.073	600.087	596.082	596.334	595.830	A 21
G 22	582.329	582.328	578.323	578.575	578.071	G 20
L 23	610.800	598.072	594.068	594.320	593.816	L 19
Q 24	642.014	539.803	535.797	536.049	535.545	Q 19
F 25	679.381	507.787	503.782	504.034	503.530	F 17
P 26	703.644	471.020	467.015	467.267	466.763	P 16
V 27	728.412	446.756	442.752	443.004	442.500	V 15
G 28	742.667	421.989	417.985	418.237	417.733	G 14
R 29	761.692	407.734	403.729	403.981	403.477	R 13
V 30	808.459	368.709	364.704	364.956	364.452	V 12
H 31	840.724	343.942	339.937	340.189	339.685	H 11
R 32	879.749	309.677	305.672	305.924	305.420	R 10
L 33	908.620	270.652	266.647	266.899	266.395	L 9
L 34	936.291	242.381	238.376	238.628	238.124	L 8
R 35	975.317	214.130	210.125	210.377	209.873	R 7
R 36	1067.340	175.084	171.080	171.332	170.828	R 6
G 37	1021.596	143.061	139.056	139.308	138.804	G 5
N 38	1050.106	128.805	124.800	125.052	124.548	N 4
V 39	1090.872	100.294	96.290	96.542	96.038	V 3
S 40	1112.630	59.529	55.524	55.776	55.272	S 2
E 41	1144.391	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK^{42.01} QGGK^{Crotonaldehyde} ARAKAKRS^{70.04}SRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.87
- ▶ F113278.dat
- ▶ query=q70640.p1
- ▶ precursor=765.767410
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4389.562	4571.544	0.000	4572.536	S 41
G 2	304.098	4460.520	4444.501	0.000	4443.493	G 40
R 3	360.199	4401.498	4387.480	4308.488	4386.472	R 39
G 4	417.220	4247.397	4231.379	4232.366	4230.371	G 38
K 5	587.226	4100.376	4114.361	4175.360	4172.346	K 37
Q 6	715.185	4039.276	4004.252	4005.259	4003.244	Q 36
G 7	772.406	3892.212	3876.193	3877.201	3875.185	G 35
G 8	829.427	3835.190	3819.172	3820.179	3818.164	G 34
K 9	1027.504	3778.169	3762.150	3763.158	3761.142	K 33
A 10	1098.601	3680.032	3664.013	3665.021	3663.005	A 32
R 11	1254.703	3538.995	3492.975	3493.984	3491.968	R 31
A 12	1323.749	3352.994	3336.975	3337.983	3335.967	A 30
K 13	1453.835	3281.957	3265.938	3266.946	3264.930	K 29
A 14	1524.872	3153.762	3137.743	3138.751	3136.735	A 28
K 15	1652.967	3082.725	3066.706	3067.714	3065.698	K 27
S 16	1739.999	2954.630	2938.611	2939.619	2937.603	S 26
R 17	1896.100	2887.598	2851.579	2852.587	2850.571	R 25
S 18	1983.132	2711.496	2695.477	2696.486	2694.470	S 24
S 19	2070.184	2524.464	2508.446	2509.454	2507.438	S 23
R 20	2226.265	2537.432	2521.414	2522.422	2520.406	R 22
A 21	2297.302	2381.331	2365.313	2366.320	2364.305	A 21
G 22	2384.324	2310.294	2294.275	2295.283	2293.268	G 20
L 23	2467.408	2253.272	2237.254	2238.262	2236.246	L 19
Q 24	2595.466	2148.189	2132.171	2133.178	2131.162	Q 18
F 25	2742.535	2012.130	1996.111	1997.119	1995.104	F 17
F 26	2839.587	1895.062	1849.043	1850.051	1848.035	F 16
V 27	2938.656	1768.009	1752.990	1753.998	1751.982	V 15
G 28	2995.677	1658.940	1652.922	1653.930	1651.914	G 14
R 29	3151.778	1611.919	1595.900	1596.908	1594.892	R 13
V 30	3350.847	1495.818	1439.799	1440.807	1438.791	V 12
H 31	3387.908	1356.740	1340.721	1341.729	1339.722	H 11
R 32	3544.007	1219.601	1203.672	1204.680	1202.664	R 10
L 33	3657.091	1063.509	1047.571	1048.579	1046.563	L 9
L 34	3770.175	950.505	934.487	935.495	933.479	L 8
R 35	3926.276	837.421	821.403	822.410	820.395	R 7
K 36	4054.271	691.320	665.302	666.309	664.294	K 6
G 37	4111.362	553.225	537.207	538.214	536.199	G 5
N 38	4225.435	496.204	480.185	481.193	479.177	N 4
Y 39	4388.499	382.161	366.142	367.150	365.134	Y 3
A 40	4459.530	219.098	203.079	204.087	202.071	A 2
E 41	4588.578	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK^{42.01} QGGK^{Crotonaldehyde} ARAKAKRS^{70.04}SSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.87
- ▶ F113278.dat
- ▶ query=q70640.p1
- ▶ precursor=765.767410
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	2795.385	2797.270	0.504	2886.772	S 41
G 2	102.563	2230.764	2222.754	0.504	2222.250	G 40
R 3	180.603	2202.953	2194.243	2194.747	2193.740	R 30
G 4	209.114	2124.202	2116.193	2116.697	2115.689	G 38
K 5	204.167	2095.692	2087.682	2088.186	2087.176	K 37
Q 6	385.196	2010.639	2002.629	2003.133	2002.126	Q 30
G 7	386.792	1948.630	1938.620	1939.104	1938.095	G 32
G 8	415.217	1918.099	1910.089	1910.593	1909.585	G 34
K 9	514.286	1889.588	1881.579	1882.083	1881.075	K 33
A 10	549.804	1790.620	1782.510	1783.014	1782.006	A 32
R 11	677.853	1755.081	1746.992	1747.496	1746.488	R 31
A 12	663.373	1676.951	1668.941	1669.445	1668.437	A 29
R 13	727.421	1641.432	1633.423	1633.927	1632.919	R 29
A 14	762.940	1577.384	1569.375	1569.879	1568.871	A 28
K 15	826.987	1541.866	1533.857	1534.360	1533.351	K 27
S 16	870.503	1477.818	1469.809	1470.313	1469.305	S 26
R 17	868.554	1434.302	1426.293	1426.797	1425.789	R 25
S 18	992.070	1356.952	1348.243	1348.746	1347.739	S 24
S 19	1035.586	1312.736	1304.726	1305.230	1304.223	S 23
R 20	1113.636	1269.220	1261.210	1261.714	1260.707	R 22
A 21	1149.155	1191.069	1183.060	1183.564	1182.056	A 21
G 22	1177.665	1155.051	1147.041	1148.545	1147.137	G 20
L 23	1234.207	1127.140	1119.131	1119.635	1118.627	L 19
Q 24	1289.273	1070.588	1062.589	1063.093	1062.085	Q 19
F 25	1371.711	1006.969	998.959	999.063	998.055	F 17
P 26	1430.297	933.034	925.025	925.529	924.521	P 16
V 27	1469.832	884.508	876.499	877.003	875.995	V 15
G 28	1498.342	834.074	826.965	827.468	826.461	G 14
D 29	1575.393	806.463	798.454	798.958	797.950	D 13
V 30	1625.927	728.413	720.404	720.907	719.899	V 12
H 31	1694.456	678.878	670.869	671.373	670.365	H 11
R 32	1772.507	610.349	602.340	602.843	601.836	R 10
L 33	1829.049	532.298	524.289	524.793	523.785	L 9
L 34	1885.591	475.756	467.747	468.251	467.243	L 8
R 35	1983.642	419.214	411.205	411.709	410.701	R 7
K 36	2027.889	341.164	333.154	333.658	332.650	K 6
G 37	2056.200	277.118	269.109	269.611	268.603	G 5
N 38	2113.221	248.606	240.596	241.100	240.092	N 4
V 39	2194.753	191.084	183.075	184.079	183.071	V 3
A 40	2230.272	110.052	102.043	102.547	101.539	A 2
E 41	2294.793	74.534	66.525	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK^{42.01} QGGK^{Crotonaldehyde} ARAKAKRSRRAGLQFPVGRVHLLRKGNYAE^{70.04}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.87
- ▶ F113278.dat
- ▶ query=q70640.p1
- ▶ precursor=765.767410
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#±1	#±2	c	AA	
S	1	49.697	1536.549	1528.195	8.872	1524.851	S[41]
G	2	66.704	1487.511	1482.172	0.672	1481.836	G[49]
R	3	130.718	1468.504	1463.165	1463.501	1462.829	R[39]
G	4	139.745	1416.471	1411.131	1411.467	1410.795	G[38]
K	5	196.447	1397.463	1392.124	1392.460	1391.788	K[37]
Q	6	239.129	1340.762	1335.422	1335.758	1335.086	Q[36]
G	7	288.140	1296.076	1290.737	1293.072	1289.400	G[35]
G	8	297.147	1279.068	1273.729	1274.065	1273.393	G[34]
K	9	343.193	1260.061	1254.722	1255.057	1254.386	K[33]
A	10	398.672	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	418.006	1170.138	1164.797	1165.133	1164.461	R[31]
A	12	482.889	1118.303	1112.963	1113.299	1112.627	A[30]
K	13	485.283	1084.624	1079.284	1079.620	1078.948	K[29]
A	14	508.992	1051.925	1046.586	1046.922	1046.250	A[28]
K	15	551.660	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	586.671	985.548	980.208	980.544	979.873	S[26]
R	17	632.205	956.537	951.198	951.534	950.862	R[25]
S	18	661.715	924.504	919.164	919.500	918.828	S[24]
S	19	696.726	875.493	870.153	870.489	869.817	S[23]
R	20	742.760	846.482	841.143	841.479	840.807	R[22]
A	21	786.439	794.449	789.109	789.445	788.773	A[21]
G	22	825.446	770.770	765.430	765.766	765.094	G[20]
L	23	823.141	754.762	749.423	749.759	749.087	L[19]
Q	24	865.827	714.085	708.745	709.081	708.409	Q[18]
F	25	914.850	671.382	666.042	666.378	665.706	F[17]
F	26	947.201	622.359	617.019	617.355	616.683	F[16]
V	27	980.221	590.006	584.666	585.004	584.332	V[15]
G	28	999.231	558.985	553.645	553.981	553.309	G[14]
R	29	1051.454	519.016	513.676	514.012	513.340	R[13]
V	30	1084.287	485.944	480.604	480.941	480.269	V[12]
H	31	1129.973	452.921	447.581	447.917	447.245	H[11]
R	32	1182.007	407.235	401.895	402.231	401.559	R[10]
L	33	1219.702	355.201	349.862	350.198	349.526	L[9]
L	34	1287.889	319.509	314.169	314.505	313.833	L[8]
R	35	1359.430	279.812	274.472	274.808	274.136	R[7]
K	36	1352.129	227.778	222.438	222.775	222.103	K[6]
G	37	1371.136	185.880	179.740	180.076	179.404	G[5]
N	38	1409.110	166.073	160.733	161.069	160.397	N[4]
V	39	1463.504	128.098	122.758	123.094	122.422	V[3]
A	40	1461.813	83.304	77.964	78.300	77.628	A[2]
E	41	1530.198	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK^{42.01} QGGK^{Crotonaldehyde} ARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{70.04}YAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=42.87
- ▶ F113278.dat
- ▶ query=q70640.p1
- ▶ precursor=765.767410
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#+1	#+2	#	AA
S	1	37.505	1148.140	1144.141	0.705	1141.889 S[41]
G	2	51.780	1115.885	1111.881	0.705	1111.629 G[40]
R	3	90.805	1101.630	1097.625	1097.877	1097.371 R[39]
G	4	109.001	1062.605	1058.600	1058.852	1058.348 G[38]
K	5	147.587	1048.349	1044.345	1044.597	1044.091 K[37]
G	6	179.604	1036.821	1001.818	1002.870	1001.560 G[36]
G	7	193.857	973.806	969.802	970.056	969.552 G[35]
G	8	208.112	959.551	955.548	955.800	955.296 G[34]
K	9	257.647	945.298	941.293	941.545	941.041 K[33]
A	10	275.406	895.763	891.759	892.011	891.507 A[32]
R	11	314.411	878.004	873.999	874.251	873.748 R[31]
A	12	332.190	838.979	834.974	835.226	834.722 A[30]
K	13	364.214	821.220	817.215	817.467	816.964 K[29]
A	14	381.973	789.190	785.185	785.443	784.939 A[28]
K	15	413.997	771.431	767.427	767.684	767.180 K[27]
S	16	435.755	739.413	735.408	735.660	735.156 S[26]
R	17	474.760	717.950	713.945	714.202	713.698 R[25]
S	18	498.538	678.930	674.925	675.177	674.673 S[24]
S	19	518.296	656.672	652.667	652.919	652.415 S[23]
R	20	557.322	635.114	631.109	631.361	630.857 R[22]
A	21	575.081	596.089	592.084	592.336	591.832 A[21]
G	22	589.136	578.329	574.324	574.576	574.072 G[20]
L	23	617.687	648.074	644.069	644.321	643.817 L[19]
Q	24	649.632	635.803	631.798	632.050	631.546 Q[18]
F	25	688.389	593.788	499.783	500.035	499.531 F[17]
F	26	710.652	667.021	463.018	463.268	462.764 F[16]
V	27	735.419	442.758	438.753	439.005	438.501 V[15]
G	28	746.675	417.991	413.986	414.238	413.734 G[14]
R	29	758.934	403.735	399.731	399.982	399.478 R[13]
V	30	813.467	364.710	360.705	360.957	360.453 V[12]
H	31	847.732	339.843	335.838	336.089	335.586 H[11]
R	32	886.757	305.678	301.673	301.925	301.421 R[10]
L	33	915.028	266.657	262.648	262.900	262.396 L[9]
L	34	943.299	238.362	234.357	234.608	234.104 L[8]
R	35	982.324	210.111	206.106	206.358	205.854 R[7]
K	36	1014.348	171.088	167.081	167.333	166.829 K[6]
G	37	1028.604	139.064	135.059	135.309	134.805 G[5]
N	38	1057.114	124.806	120.802	121.054	120.550 N[4]
V	39	1097.880	96.266	92.261	92.513	92.009 V[3]
A	40	1115.889	58.530	54.525	54.777	54.273 A[2]
E	41	1147.900	37.771	33.766	34.018	33.514 E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK_{42.01} QGGK^{Crotonaldehyde} ARAKAKSRSSRAGLQFPVGRVHLLRKGN_{70.04}YAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=42.87
- ▶ F113278.dat
- ▶ query=q70640_p1
- ▶ precursor=765.767410
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	918.718	915.515	0.806	015.313	S[41]
G[2]	41.625	892.910	889.706	0.806	889.504	G[40]
R[3]	72.846	881.506	878.302	878.503	878.100	R[39]
G[4]	84.250	850.285	847.082	847.283	846.880	G[38]
K[5]	118.271	838.881	835.677	835.879	835.476	K[37]
Q[6]	143.883	804.960	801.656	801.858	801.455	Q[36]
G[7]	195.287	779.248	776.044	776.246	775.843	G[35]
G[8]	166.691	767.844	764.640	764.842	764.439	G[34]
K[9]	208.319	756.440	753.238	753.437	753.036	K[33]
A[10]	220.526	718.812	715.608	715.810	715.407	A[32]
R[11]	251.746	702.605	699.401	699.603	699.199	R[31]
A[12]	265.964	671.385	668.181	668.382	667.979	A[30]
K[13]	291.573	657.177	653.973	654.175	653.772	K[29]
A[14]	305.780	631.958	628.354	628.556	628.153	A[28]
K[15]	331.399	617.351	614.147	614.349	613.945	K[27]
S[16]	348.806	591.732	588.528	588.730	588.326	S[26]
R[17]	380.026	574.325	571.122	571.323	570.920	R[25]
S[18]	397.432	543.105	539.901	540.103	539.700	S[24]
S[19]	414.839	525.699	522.495	522.697	522.293	S[23]
R[20]	446.059	508.292	505.089	505.290	504.887	R[22]
A[21]	460.266	477.072	473.868	474.070	473.667	A[21]
G[22]	471.671	462.865	459.661	459.862	459.459	G[20]
L[23]	494.287	451.460	448.257	448.458	448.055	L[19]
Q[24]	519.899	428.844	425.640	425.841	425.438	Q[18]
F[25]	549.313	403.232	400.028	400.230	399.827	F[17]
P[26]	568.723	373.818	370.614	370.816	370.413	P[16]
V[27]	588.137	354.408	351.203	351.405	351.002	V[15]
G[28]	599.941	334.994	331.790	331.992	331.589	G[14]
R[29]	631.161	323.190	319.986	320.187	319.784	R[13]
V[30]	650.975	291.969	288.766	288.967	288.564	V[12]
H[31]	678.387	272.150	268.952	269.154	268.750	H[11]
R[32]	709.607	244.744	241.540	241.742	241.339	R[10]
L[33]	732.224	213.524	210.320	210.522	210.118	L[9]
L[34]	794.841	190.907	187.703	187.905	187.502	L[8]
R[35]	798.061	168.290	165.086	165.288	164.885	R[7]
K[36]	817.680	137.070	133.866	134.068	133.665	K[6]
G[37]	823.084	111.451	108.247	108.449	108.046	G[5]
N[38]	385.893	100.047	96.843	97.044	96.641	N[4]
V[39]	878.506	77.238	74.034	74.236	73.833	V[3]
A[40]	892.713	44.625	41.422	41.623	41.220	A[2]
E[41]	918.522	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SHHKPKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.23
- ▶ F113278.dat
- ▶ query=q9575_p1
- ▶ precursor=320.851570
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	960.537	944.519	0.000	943.511	S[8]
H[2]	242.125	873.505	857.487	0.000	856.479	H[7]
H[3]	379.184	736.446	720.428	0.000	719.420	H[6]
K[4]	507.279	599.388	583.369	584.377	582.361	K[5]
P[5]	604.331	471.293	455.274	456.282	454.266	P[4]
R[6]	732.426	374.240	358.221	359.229	357.213	R[3]
G[7]	789.448	246.145	230.126	231.134	229.118	G[2]
R[8]	959.353	189.123	173.105	174.112	172.097	R[1]

sp | Q8CGP5 | H2A1F_MOUSE

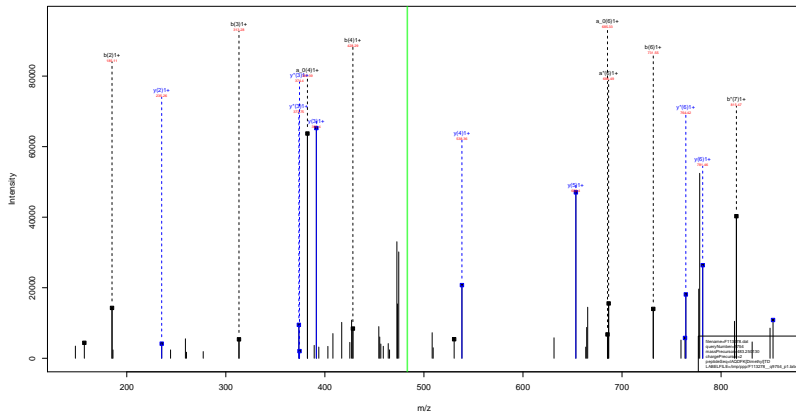
SHHKPKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=33.23
- ▶ F113278.dat
- ▶ query=q9575_p1
- ▶ precursor=320.851570
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	93.037	480.772	472.763	0.504	472.259	S[8]
H[2]	121.566	437.256	429.247	0.504	428.743	H[7]
H[3]	190.095	368.727	360.717	0.504	360.214	H[6]
K[4]	254.143	300.197	292.188	292.692	291.684	K[5]
P[5]	302.669	236.150	228.141	228.644	227.637	P[4]
K[6]	366.717	187.624	179.614	180.118	179.110	K[3]
G[7]	395.228	123.576	115.567	116.071	115.063	G[2]
K[8]	480.280	95.065	87.056	87.560	86.552	K[1]

sp | P68433 | H31_MOUSE

IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

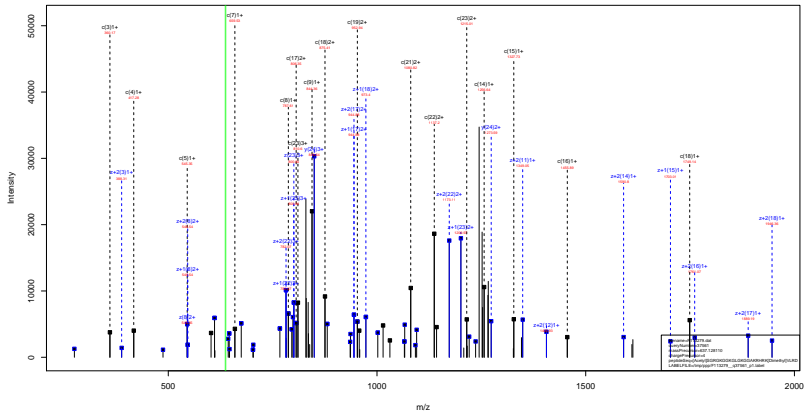
IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=41.62
- ▶ F113278.dat
- ▶ query=q9754_p1
- ▶ precursor=483.250130
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:0	b	b*	b:0	y	y*	y:0	AA
T 1	483.250	0.000	0.000	114.100	0.000	0.000	653.410	0.000	0.000	18
A 2	157.134	0.000	0.000	185.128	0.000	0.000	653.410	0.000	0.000	19
Q 3	285.192	288.166	0.000	313.187	298.160	0.000	781.373	764.346	763.362	Q6
L 4	400.219	383.193	387.208	428.214	411.187	401.203	653.314	636.288	635.304	L6
F 5	547.287	530.261	523.235	575.251	558.256	557.272	530.287	512.261	530.277	F4
R 6	703.414	686.387	685.403	731.409	714.383	713.398	301.219	374.192	363.206	R3
T 7	854.461	787.435	786.451	852.458	815.430	814.446	235.092	0.000	237.082	T2
L 8	919.488	892.462	891.478	947.483	930.457	929.473	134.040	0.000	136.034	L0

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Dimethyl VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=122.89
- ▶ F113279.dat
- ▶ query=q37561_p1
- ▶ precursor=637.128110
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.507	2529.483	0.000	2528.418	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	360.199	2399.438	2383.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.371	2187.358	2188.326	2186.310	G[21]
K[5]	945.315	2146.318	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.159	1945.140	1946.188	1944.173	G[18]
K[8]	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	957.559	1729.061	1703.043	1704.050	1702.035	L[15]
Q[11]	1014.580	1605.977	1589.958	1590.966	1588.951	Q[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.755	1306.818	1290.798	1291.807	1289.791	A[10]
R[16]	1455.850	1235.781	1219.762	1220.770	1217.754	R[9]
R[17]	1611.951	1107.688	1091.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2190.306	502.366	486.348	487.357	485.342	V[4]
L[22]	2273.399	463.299	447.279	448.288	446.271	L[3]
R[23]	2429.491	290.146	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=122.89
- ▶ F113279.dat
- ▶ query=q37561_p1
- ▶ precursor=637.128110
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.265	0.504	1264.741	S[24]
G[2]	102.553	1238.733	1200.724	0.504	1200.220	G[23]
K[3]	180.603	1180.223	1172.213	1172.717	1171.700	K[22]
G[4]	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.153	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.070	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.293	860.036	852.027	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	638.863	682.423	674.414	674.918	673.910	G[11]
A[15]	684.381	653.913	645.903	646.407	645.399	A[10]
R[16]	739.430	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.290	468.280	468.781	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.263	R[6]
K[20]	1031.122	339.716	331.707	332.211	331.203	K[5]
V[21]	1080.667	293.663	285.653	286.157	285.149	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.703	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=122.89
- ▶ F113279.dat
- ▶ query=q37561.p1
- ▶ precursor=637.128110
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.897	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.359	587.695	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.78
- ▶ F113279.dat
- ▶ query=q37563.p1
- ▶ precursor=849.174880
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2545.502	2529.483	0.000	2528.478	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	368.199	2389.438	2343.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.200	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	844.575	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	957.559	1719.061	1703.043	1704.050	1702.035	L[15]
G[11]	1014.580	1662.037	1589.028	1590.066	1588.051	G[14]
K[12]	1142.675	1548.950	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.840	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.755	1306.818	1290.797	1291.807	1289.791	A[10]
R[16]	1489.850	1238.781	1219.762	1220.770	1218.754	R[9]
R[17]	1611.951	1107.685	1051.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.405	643.414	641.398	K[5]
V[21]	2180.306	502.298	486.280	487.287	485.272	V[4]
L[22]	2273.390	403.230	387.211	388.219	386.203	L[3]
R[23]	2429.491	280.140	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.78
- ▶ F113279.dat
- ▶ query=q37563.p1
- ▶ precursor=849.174880
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G	2	102.553	1238.733	1200.724	0.504	1200.220	G[23]
R	3	180.603	1180.222	1172.213	1172.717	1171.709	R[22]
G	4	269.114	1102.172	1064.153	1054.661	1093.659	G[21]
K	5	273.161	1073.062	1055.052	1006.155	1065.148	K[20]
G	6	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	330.183	961.103	973.094	973.596	972.590	G[18]
K	8	394.230	952.592	944.583	945.087	944.079	K[17]
G	9	422.741	888.545	880.536	881.040	880.032	G[16]
L	10	479.293	860.036	852.027	852.529	851.521	L[15]
G	11	507.794	803.492	795.483	795.987	794.979	G[14]
K	12	571.841	774.982	766.972	767.476	766.468	K[13]
G	13	600.352	710.934	702.925	703.429	702.421	G[12]
G	14	628.863	682.423	674.414	674.918	673.910	G[11]
A	15	664.361	653.913	645.903	646.407	645.399	A[10]
R	16	702.409	618.398	610.389	610.893	609.885	R[9]
R	17	806.479	554.341	546.331	546.841	545.833	R[8]
H	18	875.009	476.290	468.281	468.791	467.783	H[7]
R	19	953.059	407.767	399.757	400.261	399.253	R[6]
K	20	1031.122	329.716	321.707	322.211	321.203	K[5]
V	21	1059.657	251.663	243.653	244.147	243.140	V[4]
L	22	1137.199	302.132	194.119	194.613	193.605	L[3]
R	23	1215.249	145.577	137.567	138.071	137.063	R[2]
D	24	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=129.61
- ▶ F113279.dat
- ▶ query=q37564_p1
- ▶ precursor=637.132980
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.676	2545.502	2529.483	0.000	2528.478	S[24]
G	2	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R	3	368.199	2289.438	2243.419	2244.427	2242.412	R[22]
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K	5	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.200	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	927.559	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1109.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1227.755	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1455.850	1218.781	1219.782	1220.770	1218.764	R[9]
R	17	1611.951	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1749.010	951.585	935.566	936.574	934.558	H[7]
R	19	1905.111	814.526	798.507	799.515	797.499	R[6]
K	20	2061.238	658.425	642.406	643.414	641.398	K[5]
V	21	2180.306	502.298	486.280	487.287	485.272	V[4]
L	22	2273.390	401.230	387.211	388.219	386.203	L[3]
R	23	2429.491	290.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=129.61
- ▶ F113279.dat
- ▶ query=q37564_p1
- ▶ precursor=637.132980
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.222	1172.213	1172.717	1171.709	R[22]
G[4]	269.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.161	1073.062	1065.052	1064.156	1065.148	K[20]
G[6]	351.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.193	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.293	860.036	851.027	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.361	653.913	645.903	646.407	645.399	A[10]
R[16]	728.292	618.369	610.360	610.864	609.856	R[9]
R[17]	806.479	554.341	546.337	546.841	545.833	R[8]
H[18]	875.009	476.200	468.207	468.701	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.657	251.663	243.653	244.147	243.140	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.248	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

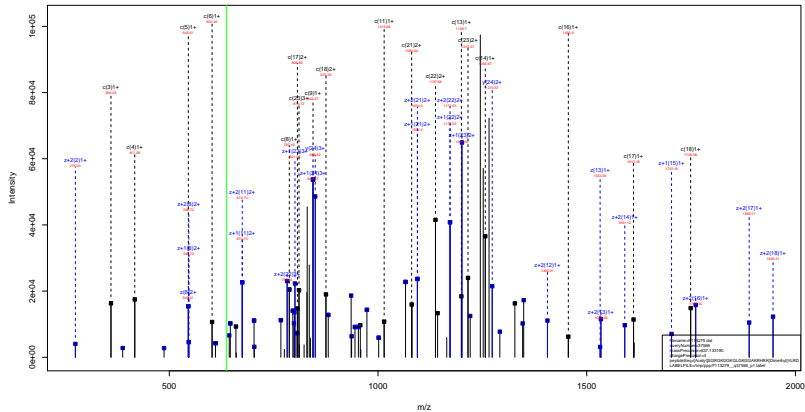
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=129.61
- ▶ F113279.dat
- ▶ query=q37564.p1
- ▶ precursor=637.132980
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	849.172	843.833	0.572	843.497	S[24]
G[2]	58.704	806.158	800.818	0.572	800.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.899	587.559	587.896	587.224	G[16]
L[10]	319.258	573.892	568.552	568.888	568.216	L[15]
G[11]	338.265	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.137	214.471	K[5]
V[21]	720.774	188.104	182.765	183.101	182.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl}VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=134.88
- ▶ F113279.dat
- ▶ query=q37566.p1
- ▶ precursor=637.133190
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2545.502	2529.463	0.000	2528.416	S(24)
G	2	204.008	2416.460	2400.441	0.000	2399.433	G(23)
R	3	360.199	2359.438	2343.410	2344.427	2342.412	R(22)
G	4	417.220	2303.397	2187.318	2188.326	2186.310	G(21)
K	5	545.315	2144.316	2130.297	2131.305	2129.289	K(20)
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G(19)
G	7	659.358	1961.199	1945.180	1946.188	1944.172	G(18)
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K(17)
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G(16)
L	10	927.559	1719.061	1703.043	1704.050	1702.035	L(15)
Q	11	1014.580	1605.977	1589.958	1590.966	1588.951	Q(14)
K	12	1142.675	1548.956	1532.937	1533.945	1531.929	K(13)
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G(12)
G	14	1296.718	1363.839	1347.821	1348.828	1346.813	G(11)
A	15	1327.755	1306.818	1290.799	1291.807	1289.791	A(10)
R	16	1455.850	1249.794	1233.765	1234.770	1232.754	R(9)
R	17	1611.951	1107.686	1091.667	1092.675	1090.659	R(8)
H	18	1749.010	951.585	935.566	936.574	934.558	H(7)
R	19	1905.111	814.526	798.507	799.515	797.499	R(6)
K	20	2061.238	658.425	642.406	643.414	641.398	K(5)
V	21	2199.306	502.366	486.348	487.357	485.342	V(4)
L	22	2273.369	403.320	387.211	388.219	386.203	L(3)
R	23	2429.491	290.148	274.129	275.135	273.119	R(2)
D	24	2544.518	134.045	118.026	119.034	117.018	D(1)

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=134.88
- ▶ F113279.dat
- ▶ query=q37566.p1
- ▶ precursor=637.133190
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1273.255	1266.265	0.504	1264.741	S[24]
G	2	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R	3	180.603	1180.223	1172.213	1172.717	1171.700	R[22]
G	4	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
R	5	273.153	1073.661	1065.652	1066.156	1065.148	R[20]
G	6	303.672	1009.614	1001.605	1002.109	1001.101	G[19]
G	7	330.183	981.103	973.094	973.598	972.590	G[18]
R	8	394.230	952.592	944.583	945.087	944.070	R[17]
G	9	422.741	898.545	890.536	891.040	890.032	G[16]
L	10	479.293	860.036	852.027	853.029	851.521	L[15]
G	11	507.794	803.492	795.483	795.987	794.979	G[14]
R	12	571.841	774.982	766.972	767.476	766.468	R[13]
G	13	600.352	710.934	702.925	703.429	702.421	G[12]
G	14	638.863	682.423	674.414	674.918	673.910	G[11]
A	15	684.381	653.913	645.903	646.407	645.399	A[10]
R	16	739.430	618.394	610.385	610.889	609.881	R[9]
R	17	806.479	554.347	546.337	546.841	545.833	R[8]
H	18	875.009	476.290	468.282	469.281	467.783	H[7]
R	19	953.059	407.767	399.757	400.261	399.253	R[6]
R	20	1031.127	339.716	321.707	322.211	321.203	R[5]
V	21	1080.657	293.693	285.683	286.187	285.180	V[4]
L	22	1137.199	202.139	194.130	194.633	193.625	L[3]
R	23	1215.249	145.577	137.567	138.071	137.063	R[2]
D	24	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=134.88
- ▶ F113279.dat
- ▶ query=q37566.p1
- ▶ precursor=637.133190
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	849.172	843.833	0.572	843.497	S[24]
G[2]	58.704	806.150	800.818	0.572	800.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.899	587.559	587.895	587.224	G[16]
L[10]	319.258	573.892	568.552	568.888	568.216	L[15]
G[11]	338.265	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	188.104	182.765	183.101	182.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.44
- ▶ F113279.dat
- ▶ query=q37567_p1
- ▶ precursor=849.175680
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2545.502	2520.483	0.000	2528.478	S	24
G	2	204.098	2416.460	2400.441	0.000	2399.433	G	23
R	3	360.199	2389.438	2343.419	2344.427	2342.412	R	22
G	4	417.220	2303.337	2187.318	2188.326	2186.310	G	21
K	5	545.315	2146.316	2130.297	2131.305	2129.289	K	20
G	6	602.337	2018.221	2002.200	2003.210	2001.194	G	19
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G	18
K	8	787.453	1904.178	1889.159	1889.167	1887.151	K	17
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G	16
L	10	927.559	1719.061	1703.043	1704.050	1702.035	L	15
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G	14
K	12	1142.075	1548.956	1532.937	1533.945	1531.929	K	13
G	13	1199.097	1420.861	1404.840	1405.850	1403.834	G	12
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G	11
A	15	1327.795	1306.818	1290.797	1291.807	1289.791	A	10
R	16	1469.850	1238.781	1219.762	1220.770	1218.754	R	9
R	17	1611.951	1107.685	1091.667	1092.675	1090.659	R	8
H	18	1749.010	951.585	935.566	936.574	934.558	H	7
R	19	1905.111	814.526	798.507	799.515	797.499	R	6
K	20	2061.238	658.425	642.405	643.414	641.398	K	5
V	21	2180.306	502.298	486.280	487.287	485.272	V	4
L	22	2273.390	403.230	387.211	388.219	386.203	L	3
R	23	2429.491	280.146	274.127	275.135	273.119	R	2
D	24	2544.518	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

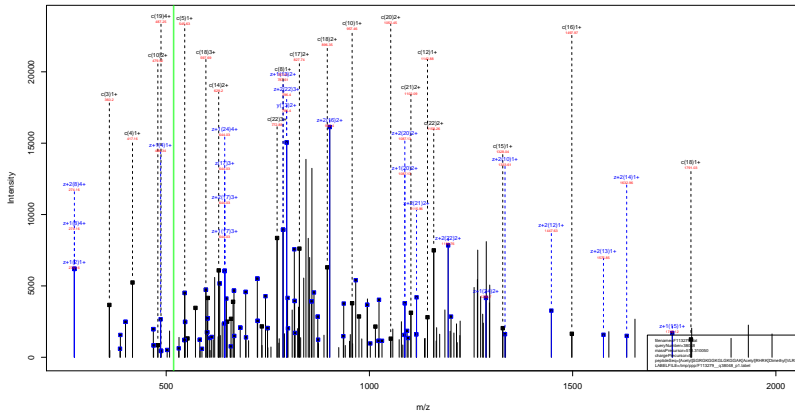
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.44
- ▶ F113279.dat
- ▶ query=q37567_p1
- ▶ precursor=849.175680
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G	2	102.553	1238.733	1200.724	0.504	1200.220	G[23]
R	3	180.603	1180.222	1172.213	1172.717	1171.709	R[22]
G	4	269.114	1102.172	1064.153	1054.661	1093.659	G[21]
K	5	273.161	1073.062	1055.052	1006.155	1065.148	K[20]
G	6	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	330.183	961.103	973.094	973.596	972.590	G[18]
K	8	394.230	952.592	944.583	945.087	944.079	K[17]
G	9	422.741	888.545	880.536	881.040	880.032	G[16]
L	10	479.293	860.036	852.027	852.529	851.521	L[15]
G	11	507.794	803.492	795.483	795.987	794.979	G[14]
K	12	571.841	774.982	766.972	767.476	766.468	K[13]
G	13	600.352	710.934	702.925	703.429	702.421	G[12]
G	14	628.863	682.423	674.414	674.918	673.910	G[11]
A	15	664.361	653.913	645.903	646.407	645.399	A[10]
R	16	702.409	618.398	610.389	610.893	609.885	R[9]
R	17	806.479	554.341	546.331	546.841	545.833	R[8]
H	18	875.009	476.200	468.191	468.701	467.783	H[7]
R	19	953.059	407.767	399.757	400.261	399.253	R[6]
K	20	1031.122	329.716	321.707	322.211	321.203	K[5]
V	21	1087.667	251.663	243.653	244.147	243.140	V[4]
L	22	1117.199	302.112	194.103	194.613	193.605	L[3]
R	23	1215.240	145.577	137.567	138.071	137.063	R[2]
D	24	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl}RHRK ^{Dimethyl}VLRD
42.01 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=78.28
- ▶ F113279.dat
- ▶ query=q38048.p1
- ▶ precursor=518.310050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	388.199	2620.440	2385.430	2386.438	2384.422	R[22]
G	4	417.230	2345.340	2229.330	2230.337	2228.321	G[21]
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.210	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.190	1988.199	1986.183	G[18]
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	814.575	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	957.559	1783.072	1745.053	1746.061	1744.045	L[15]
G	11	1014.580	1647.985	1631.969	1632.977	1630.961	G[14]
K	12	1142.675	1590.969	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.795	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1497.881	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1553.962	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2319.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	280.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=78.28
- ▶ F113279.dat
- ▶ query=q38048.p1
- ▶ precursor=518.310050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1204.200	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1261.228	1191.719	1193.723	1192.715	R[22]
G[4]	259.114	1123.777	1115.108	1115.072	1114.666	G[21]
K[5]	273.103	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	303.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.590	965.588	966.092	965.084	K[17]
G[9]	427.741	959.560	961.561	962.065	961.057	G[16]
L[10]	479.283	939.040	871.030	873.534	872.526	L[15]
G[11]	507.794	924.468	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.919	665.908	667.412	666.405	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.290	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	252.693	243.683	244.187	243.180	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=78.28
- ▶ F113279.dat
- ▶ query=q38048.p1
- ▶ precursor=518.310050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	657.836	0.672	857.500	S[24]
G[2]	58.704	320.162	814.822	0.672	314.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	130.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.958	587.695	582.356	582.692	582.020	L[15]
G[11]	338.965	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	510.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.002	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.941	267.176	266.505	R[6]
K[20]	701.754	220.140	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=78.28
- ▶ F113279.dat
- ▶ query=q38048.p1
- ▶ precursor=518.310050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.755	643.377	S[24]
G[2]	51.780	615.373	611.368	0.795	611.116	G[23]
R[3]	90.805	601.118	597.113	597.365	596.861	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	458.279	454.274	454.526	454.022	G[16]
L[10]	240.145	441.021	437.019	437.271	436.767	L[15]
G[11]	254.401	412.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	386.473	382.469	382.721	382.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	277.671	273.672	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	487.536	204.387	200.382	200.634	200.130	R[6]
K[20]	520.568	186.362	181.357	181.609	181.105	K[5]
V[21]	551.135	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=119.26
- ▶ F113279.dat
- ▶ query=q38050_p1
- ▶ precursor=647.636290
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	388.199	2620.440	2385.430	2386.438	2384.422	R[22]
G	4	417.230	2345.340	2229.330	2230.337	2228.321	G[21]
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.210	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	957.559	1763.072	1746.953	1748.061	1744.943	L[15]
G	11	1014.580	1647.985	1631.960	1632.977	1630.961	G[14]
K	12	1142.675	1590.969	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.739	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1497.861	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1653.962	1107.680	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.405	643.414	641.398	K[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2319.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	298.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=119.26
- ▶ F113279.dat
- ▶ query=q38050_p1
- ▶ precursor=647.636290
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.261	0.504	1289.747	S[24]
G[2]	102.553	1229.739	1221.739	0.504	1221.235	G[23]
R[3]	180.603	1201.229	1193.219	1193.723	1192.715	R[22]
G[4]	259.114	1123.177	1115.168	1115.672	1114.666	G[21]
K[5]	273.153	1094.667	1086.657	1087.161	1086.151	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	869.040	871.030	871.534	872.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.919	665.909	667.912	666.904	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.296	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	251.663	243.653	244.157	243.149	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=119.26
- ▶ F113279.dat
- ▶ query=q38050.p1
- ▶ precursor=647.636290
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836		0.672	857.900 S[24]
G[2]	58.704	820.162	814.822		0.672	814.486 G[23]
R[3]	120.738	801.154	795.815	796.151		795.479 R[22]
G[4]	139.745	749.121	743.781	744.117		743.445 G[21]
K[5]	182.443	730.114	724.774	725.110		724.438 K[20]
G[6]	201.450	687.415	682.076	682.412		681.740 G[19]
G[7]	220.458	668.408	663.069	663.404		662.733 G[18]
K[8]	263.156	649.401	644.061	644.397		643.725 K[17]
G[9]	282.163	606.703	601.363	601.699		601.027 G[16]
L[10]	319.958	587.695	582.355	582.691		582.020 L[15]
G[11]	338.965	550.001	544.661	544.997		544.325 G[14]
K[12]	381.563	530.994	525.654	525.990		525.318 K[13]
G[13]	400.570	488.295	482.956	483.292		482.620 G[12]
G[14]	419.578	469.288	463.949	464.285		463.613 G[11]
A[15]	443.257	450.281	444.941	445.277		444.605 A[10]
K[16]	469.958	426.602	421.262	421.598		420.926 K[9]
R[17]	551.992	369.900	364.561	364.896		364.225 R[8]
H[18]	597.678	317.866	312.527	312.863		312.191 H[7]
R[19]	649.712	272.180	266.841	267.176		266.505 R[6]
K[20]	701.754	220.146	214.807	215.143		214.471 K[5]
V[21]	734.777	168.104	162.765	163.101		162.429 V[4]
L[22]	772.472	135.082	129.742	130.078		129.408 L[3]
R[23]	824.505	97.387	92.047	92.383		91.711 R[2]
D[24]	862.848	45.353	40.014	40.349		39.678 D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGKGLGKGGAKR^{Dimethyl}_{28.03} HRK^{Acetyl}_{42.01} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.12
- ▶ F113279.dat
- ▶ query=q38490_p1
- ▶ precursor=526.710680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2629.523	2613.505	0.000	2612.497	S[24]
G	2	204.098	2500.481	2484.462	0.000	2483.454	G[23]
R	3	368.199	2443.459	2427.441	2426.448	2426.413	R[22]
G	4	417.230	2387.368	2371.330	2372.347	2370.333	G[21]
K	5	587.326	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	644.347	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	701.369	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	829.464	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	886.485	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	939.569	1763.072	1746.053	1746.061	1744.045	L[15]
G	11	1056.591	1647.985	1631.966	1632.977	1630.961	G[14]
K	12	1184.686	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1369.766	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1497.883	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1681.993	1149.696	1133.678	1134.685	1132.670	R[8]
H	18	1819.052	965.564	949.545	950.553	948.537	H[7]
R	19	1975.153	828.505	812.486	813.494	811.478	R[6]
K	20	2145.259	672.404	656.385	657.393	655.377	K[5]
V	21	2244.327	502.298	486.280	487.287	485.272	V[4]
L	22	2357.411	403.230	387.211	388.219	386.203	L[3]
R	23	2513.512	280.146	274.127	275.135	273.119	R[2]
D	24	2628.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} GGKGLGKGGAKR^{Dimethyl} HRK^{Acetyl} VLRD_{28.03 42.01}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.12
- ▶ F113279.dat
- ▶ query=q38490_p1
- ▶ precursor=526.710680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1315.205	1307.256	0.504	1306.750	S[24]
G	2	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R	3	180.603	1222.233	1214.224	1214.728	1213.720	R[22]
G	4	259.114	1144.183	1136.173	1136.677	1135.669	G[21]
K	5	294.157	1115.672	1107.663	1108.167	1107.159	K[20]
G	6	322.677	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	351.188	1002.108	994.099	994.603	993.595	G[18]
K	8	435.236	973.598	965.588	966.092	965.084	K[17]
G	9	443.746	909.550	901.541	902.045	901.037	G[16]
L	10	509.208	839.140	871.030	873.534	872.526	L[15]
G	11	528.799	824.498	816.488	816.992	815.984	G[14]
K	12	592.847	795.987	787.977	788.481	787.474	K[13]
G	13	621.357	731.939	723.930	724.434	723.426	G[12]
G	14	649.868	703.429	695.419	695.923	694.915	G[11]
A	15	685.387	674.919	666.908	667.412	666.404	A[10]
R	16	749.434	639.399	631.390	631.894	630.886	R[9]
R	17	841.500	575.362	567.342	567.846	566.838	R[8]
H	18	910.030	483.280	475.270	475.780	474.772	H[7]
R	19	988.080	414.750	406.740	407.251	406.243	R[6]
K	20	1073.133	336.706	328.696	329.200	328.192	K[5]
V	21	1122.667	252.683	244.673	244.187	243.180	V[4]
L	22	1179.209	202.139	194.129	194.643	193.635	L[3]
R	23	1257.260	145.577	137.567	138.071	137.063	R[2]
D	24	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR GK ^{Acetyl}_{42.01} GGKGLGKGGAKR ^{Dimethyl}_{28.03} HRK ^{Acetyl}_{42.01} VL RD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=56.12
- ▶ F113279.dat
- ▶ query=q38490.p1
- ▶ precursor=526.710680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	871.840	0.672	871.904	S[24]
G[2]	58.704	834.165	828.826	0.672	828.490	G[23]
R[3]	150.738	815.158	809.819	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	750.121	757.449	G[21]
K[5]	196.447	744.117	738.778	739.113	738.442	K[20]
G[6]	215.454	687.415	682.076	682.412	681.740	G[19]
G[7]	234.461	668.408	663.069	663.404	662.733	G[18]
K[8]	277.159	649.401	644.061	644.397	643.725	K[17]
C[9]	286.167	606.703	601.363	601.699	601.047	C[16]
L[10]	333.881	587.695	582.356	582.692	582.020	L[15]
G[11]	352.888	550.051	544.661	544.997	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	561.336	383.904	378.564	378.900	378.228	R[8]
H[18]	607.022	322.526	317.187	317.523	316.851	H[7]
R[19]	659.056	276.840	271.500	271.836	271.164	R[6]
K[20]	715.758	224.806	219.467	219.803	219.131	K[5]
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} GGKGLGKGGAKR^{Dimethyl} HRK^{Acetyl} VLRD_{28.03 42.01}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=56.12
- ▶ F113279.dat
- ▶ query=q38490_p1
- ▶ precursor=526.710680
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	658.136	654.132	0.755	653.880	S[24]
G[2]	51.780	625.876	621.871	0.755	621.619	G[23]
R[3]	90.895	611.620	607.616	607.868	607.364	R[22]
G[4]	105.061	572.995	568.590	568.842	568.338	G[21]
K[5]	147.587	558.340	554.335	554.587	554.083	K[20]
G[6]	161.842	515.813	511.809	512.061	511.557	G[19]
G[7]	176.098	501.558	497.553	497.805	497.301	G[18]
K[8]	208.121	487.303	483.298	483.550	483.046	K[17]
G[9]	222.377	459.279	455.274	455.526	455.022	G[16]
L[10]	250.648	441.023	437.019	437.271	436.767	L[15]
G[11]	264.903	412.752	408.748	409.000	408.496	G[14]
K[12]	296.927	398.497	394.492	394.744	394.240	K[13]
G[13]	311.182	366.473	362.469	362.721	362.217	G[12]
G[14]	325.438	352.218	348.213	348.465	347.961	G[11]
A[15]	343.197	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	421.254	288.180	284.175	284.427	283.923	R[8]
H[18]	455.518	242.146	238.142	238.394	237.890	H[7]
R[19]	464.544	207.882	203.877	204.129	203.625	R[6]
K[20]	537.070	168.856	164.852	165.104	164.600	K[5]
V[21]	563.837	126.330	122.325	122.577	122.073	V[4]
L[22]	590.108	101.563	97.558	97.810	97.306	L[3]
R[23]	629.134	73.292	69.287	69.539	69.035	R[2]
D[24]	657.890	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGKGLGKGGAKRHR^{Dimethyl} K^{28.03} AcetylVLRD^{42.01}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.13
- ▶ F113279.dat
- ▶ query=q38491_p1
- ▶ precursor=658.138440
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.676	2029.523	2613.505	0.000	2612.497	S[24]
G[2]	204.008	2500.481	2484.462	0.000	2483.454	G[23]
R[3]	368.199	2843.450	2827.441	2420.448	2420.433	R[22]
G[4]	417.220	2297.386	2271.330	2272.347	2270.332	G[21]
K[5]	587.326	2230.337	2214.318	2215.326	2213.310	K[20]
G[6]	644.347	2060.231	2044.210	2045.220	2043.205	G[19]
G[7]	701.369	2003.210	1987.191	1988.199	1986.183	G[18]
K[8]	829.464	1946.180	1930.170	1931.177	1929.162	K[17]
G[9]	885.485	1818.093	1802.075	1803.082	1801.067	G[16]
L[10]	999.569	1763.072	1748.053	1749.061	1744.043	L[15]
G[11]	1056.591	1647.958	1631.900	1632.977	1630.961	G[14]
K[12]	1184.686	1590.950	1574.940	1575.955	1573.940	K[13]
G[13]	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1369.766	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1499.883	1277.791	1261.773	1262.780	1260.765	R[9]
R[17]	1653.962	1149.696	1133.678	1134.685	1132.670	R[8]
H[18]	1791.021	993.599	977.579	978.584	976.569	H[7]
R[19]	1975.153	856.530	840.518	841.525	839.510	R[6]
K[20]	2145.259	672.404	656.385	657.393	655.377	K[5]
V[21]	2244.327	502.268	486.260	487.267	485.272	V[4]
L[22]	2357.411	403.239	387.211	388.219	386.203	L[3]
R[23]	2513.512	290.140	274.127	275.135	273.119	R[2]
D[24]	2628.539	134.045	118.020	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} GGKGLGKGGAKR^{Dimethyl}RH_{28.03} K^{Acetyl}VLRD_{42.01}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.13
- ▶ F113279.dat
- ▶ query=q38491_p1
- ▶ precursor=658.138440
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1315.265	1307.256	0.504	1306.752	S[24]
G[2]	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R[3]	180.603	1222.233	1214.224	1214.720	1213.720	R[22]
G[4]	209.114	1144.181	1136.173	1136.677	1135.669	G[21]
K[5]	294.167	1115.672	1107.663	1108.167	1107.159	K[20]
G[6]	322.677	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	351.188	1002.108	994.099	994.603	993.595	G[18]
K[8]	415.236	973.598	965.588	966.092	965.084	K[17]
G[9]	443.746	909.550	901.541	902.045	901.037	G[16]
L[10]	509.288	881.040	873.031	873.534	872.526	L[15]
G[11]	528.799	824.498	816.488	816.992	815.984	G[14]
K[12]	592.847	795.987	787.977	788.481	787.474	K[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	649.868	703.429	695.419	695.923	694.915	G[11]
A[15]	685.367	674.918	666.908	667.412	666.404	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.488	575.352	567.342	567.846	566.839	R[8]
H[18]	896.014	497.301	489.292	489.796	488.788	H[7]
R[19]	968.080	428.772	420.762	421.266	420.259	R[6]
K[20]	1073.133	336.706	328.696	329.200	328.192	K[5]
V[21]	1122.867	251.653	243.643	244.147	243.140	V[4]
L[22]	1178.799	202.133	194.123	194.627	193.620	L[3]
R[23]	1257.260	145.577	137.567	138.071	137.063	R[2]
D[24]	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

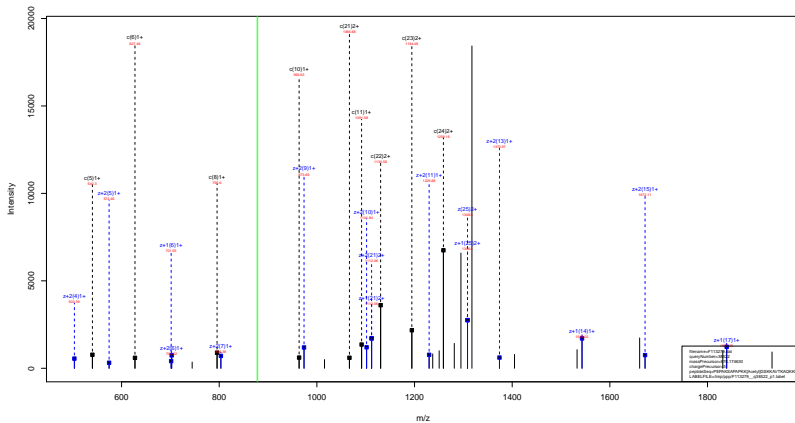
[Acetyl]SGR^{Acetyl}RGK_{42.01} GGKGLGKGGAKR^{Dimethyl}RH_{28.03} K^{Acetyl}VLR_{42.01}D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=52.13
- ▶ F113279.dat
- ▶ query=q38491.p1
- ▶ precursor=658.138440
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	871.840	0.672	871.904	S[24]
G[2]	58.704	934.165	828.826	0.672	828.490	G[23]
R[3]	120.738	815.158	809.818	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	758.121	757.449	G[21]
K[5]	196.447	744.117	738.778	739.113	738.442	K[20]
G[6]	215.454	687.415	682.076	682.412	681.740	G[19]
G[7]	234.461	668.408	663.069	663.404	662.733	G[18]
K[8]	277.159	649.401	644.061	644.397	643.725	K[17]
G[9]	286.167	638.793	633.454	633.789	633.127	G[16]
L[10]	313.881	587.695	582.356	582.692	582.020	L[15]
G[11]	352.888	550.001	544.661	544.997	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.002	421.262	421.598	420.926	K[9]
R[17]	551.992	383.904	378.564	378.900	378.228	R[8]
H[18]	597.678	331.870	326.530	326.866	326.194	H[7]
R[19]	659.056	296.184	290.844	291.180	290.508	R[6]
K[20]	715.758	224.806	219.467	219.803	219.131	K[5]
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl GSKKAVTKAQKKD
42.01



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.88
- ▶ F113279.dat
- ▶ query=q38522_p1
- ▶ precursor=878.174630
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	2032.514	2018.495	0.000	2015.485	P25
E2	244.129	2535.462	2519.443	0.000	2519.435	E24
P13	341.182	2906.415	2390.400	0.000	2389.393	P23
A4	412.219	2309.366	2293.348	0.000	2292.340	A22
K5	540.314	2238.329	2222.311	2223.318	2221.303	K21
S6	627.346	2110.234	2094.216	2095.223	2093.208	S20
A7	696.353	2023.202	2007.184	2008.191	2006.176	A19
P18	795.436	1952.165	1936.146	1937.154	1935.139	P15
A9	866.473	1855.112	1839.094	1840.101	1838.086	A17
P10	963.526	1784.075	1768.057	1769.064	1767.049	P16
K11	1091.621	1687.022	1671.004	1672.012	1669.996	K15
K12	1261.726	1558.928	1542.909	1543.917	1541.901	K14
G13	1318.748	1388.822	1372.803	1373.811	1371.795	G13
S14	1405.780	1331.801	1315.782	1316.790	1314.774	S12
K15	1533.875	1244.765	1228.750	1229.758	1227.742	K11
K16	1661.970	1158.674	1140.655	1101.663	1099.647	K10
A17	1733.007	988.579	972.560	973.568	971.552	A0
V18	1832.075	917.541	901.523	902.531	900.515	V8
T10	1933.123	818.472	802.454	803.462	801.446	T7
P20	2093.218	717.425	701.407	702.414	700.399	P6
A21	2132.255	589.330	573.312	574.320	572.304	A5
Q22	2260.314	518.293	502.275	503.282	501.267	Q4
K23	2388.409	400.235	374.216	375.224	373.208	K3
K24	2516.504	282.140	246.121	247.129	245.113	K2
D25	2631.530	134.045	118.028	119.034	117.018	D1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.88
- ▶ F113279.dat
- ▶ query=q38522_p1
- ▶ precursor=878.174630
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	58.647	1316.761	1308.752	0.504	1308.248	P25
E1	132.586	1206.234	1206.225	0.504	1206.721	E24
P1	171.095	1203.713	1195.704	0.504	1195.200	P23
A1	206.613	1195.187	1147.177	0.504	1146.674	A22
K1	270.661	1119.666	1111.659	1112.163	1111.155	K21
S1	314.177	1055.621	1047.611	1048.115	1047.107	S20
A1	349.695	1012.105	1004.095	1004.599	1003.591	A19
P1	389.222	976.566	968.557	969.061	968.054	P18
A1	433.740	928.060	920.050	920.554	919.547	A17
P10	482.267	892.541	884.532	885.036	884.028	P16
K11	546.314	844.015	836.006	836.509	835.502	K15
K12	631.367	779.967	771.958	772.462	771.454	K14
Q13	659.276	694.932	686.923	687.427	686.420	Q13
S14	703.394	656.404	650.395	650.898	649.891	S12
K15	767.441	622.888	614.879	615.382	614.375	K11
K16	831.488	558.840	550.831	551.335	550.327	K10
A17	867.007	494.793	486.784	487.287	486.280	A9
V18	916.541	459.274	451.265	451.769	450.761	V9
T19	967.085	439.749	431.740	432.243	431.237	T17
K20	1031.113	359.216	351.207	351.711	350.703	K6
A21	1066.631	395.169	287.159	287.663	286.656	A5
Q22	1130.660	269.650	251.641	252.145	251.137	Q4
K23	1194.708	195.621	187.612	188.116	187.108	K3
K24	1258.755	131.574	123.564	124.068	123.060	K2
D25	1338.269	87.526	89.537	89.021	89.013	D1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK^{Acetyl}_{42.01} VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.70
- ▶ F113279.dat
- ▶ query=q38681_p1
- ▶ precursor=882.844990
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
F	115.087	2046.539	2030.513	0.000	2029.504	F	25	
D	230.114	2546.877	2533.400	0.000	2532.451	D	24	
P	327.166	2634.450	2418.432	0.000	2417.426	P	23	
A	398.203	2337.898	2321.379	0.000	2320.371	A	22	
K	526.208	2206.901	2250.342	2251.350	2249.334	K	21	
S	6	613.330	2138.266	2122.247	2123.255	2121.239	S	20
A	7	664.368	2051.294	2035.215	2036.223	2034.207	A	19
P	8	781.420	1980.196	1964.178	1968.186	1963.179	P	18
A	9	852.457	1883.144	1867.125	1868.133	1866.117	A	17
P	10	949.510	1812.107	1796.088	1797.096	1795.080	P	16
K	11	1077.605	1715.054	1699.035	1700.043	1698.027	K	15
K	12	1205.700	1586.959	1570.940	1571.948	1569.932	K	14
G	13	1262.727	1458.864	1442.845	1443.853	1441.837	G	13
S	14	1349.754	1403.842	1385.824	1386.831	1384.815	S	12
K	15	1472.849	1314.810	1298.792	1299.799	1297.784	K	11
K	16	1605.944	1186.715	1170.697	1171.705	1169.689	K	10
A	17	1676.981	1058.620	1042.602	1043.610	1041.594	A	9
V	18	1776.049	987.583	971.565	972.572	970.557	V	8
T	19	1872.097	888.515	872.496	873.504	871.488	T	7
P	20	2047.202	787.469	771.449	772.456	770.441	P	6
V	21	2146.271	617.362	601.343	602.351	600.335	V	5
Q	22	2274.320	518.293	502.275	503.282	501.267	Q	4
K	23	2402.424	400.235	374.216	375.224	373.208	K	3
K	24	2530.519	282.140	246.121	247.129	245.113	K	2
D	25	2645.546	134.045	118.028	119.034	117.018	D	1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} 42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.70
- ▶ F113279.dat
- ▶ query=q38681_p1
- ▶ precursor=882.844990
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	a+1	a+2	z	AA
P	1	58.047	1323.709	1315.759	0.504	1315.255	P[25]
D	3	115.560	1275.262	1267.233	0.504	1259.725	D[24]
P	3	104.087	1217.729	1209.710	0.504	1209.210	P[23]
A	4	199.605	1169.202	1161.193	0.504	1160.689	A[22]
K	5	263.653	1133.684	1125.675	1126.178	1125.171	K[21]
S	6	307.169	1069.636	1061.627	1062.131	1061.123	S[20]
A	7	362.667	1026.120	1018.111	1018.615	1017.607	A[19]
P	8	391.214	999.602	992.592	993.096	992.089	P[18]
A	9	426.732	942.075	934.066	934.570	933.562	A[17]
P	10	475.259	906.557	898.548	899.051	898.044	P[16]
K	11	539.306	858.031	850.021	850.525	849.517	K[15]
K	12	603.354	793.983	785.974	786.478	785.470	K[14]
Q	13	631.894	729.936	721.926	722.430	721.422	Q[13]
S	14	675.389	701.425	693.415	693.919	692.911	S[12]
K	15	739.428	657.909	649.899	650.403	649.396	K[11]
K	16	803.475	593.861	585.852	586.356	585.348	K[10]
A	17	838.994	529.814	521.804	522.308	521.301	A[9]
V	18	888.526	464.795	456.786	457.290	456.282	V[8]
T	19	939.052	414.761	406.752	407.256	406.248	T[7]
K	20	1024.105	394.237	386.228	386.732	385.725	K[6]
V	21	1073.639	309.184	301.175	301.679	300.671	V[5]
Q	22	1137.668	259.650	251.641	252.145	251.137	Q[4]
K	23	1201.716	195.621	187.612	188.116	187.108	K[3]
K	24	1265.763	131.574	123.564	124.068	123.060	K[2]
D	25	1323.277	87.526	89.517	89.021	89.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=110.50
- ▶ F113279.dat
- ▶ query=q38863.p1
- ▶ precursor=668.640280
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2071.534	2055.515	0.000	2054.507	S[24]
G	2	254.596	2542.491	2526.473	0.000	2525.465	G[23]
T	3	360.199	2428.470	2409.451	2670.459	2408.443	T[22]
G	4	417.220	2329.369	2313.350	2314.358	2312.342	G[21]
K	5	545.115	2272.347	2256.329	2257.336	2255.321	K[20]
G	6	602.337	2144.253	2128.234	2129.241	2127.226	G[19]
G	7	659.358	2087.231	2071.212	2072.220	2070.204	G[18]
K	8	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	886.485	1890.104	1884.085	1845.093	1843.077	G[16]
L	10	959.549	1803.082	1787.064	1788.071	1786.056	L[15]
G	11	1056.591	1689.998	1673.980	1674.987	1672.972	G[14]
K	12	1226.696	1632.977	1616.958	1617.965	1615.950	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.829	1332.810	1333.818	1331.802	A[10]
K	16	1581.882	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1737.983	1197.686	1191.667	1092.675	1090.659	R[8]
H	18	1875.042	951.585	935.566	936.574	934.558	H[7]
R	19	2031.143	814.526	798.507	799.515	797.499	R[6]
K	20	2187.209	658.425	642.406	643.414	641.398	K[5]
V	21	2286.338	602.398	486.280	487.287	485.272	V[4]
L	22	2399.422	460.295	387.211	388.219	386.203	L[3]
T	23	2529.523	290.140	274.121	275.129	273.113	T[2]
D	24	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=110.50
- ▶ F113279.dat
- ▶ query=q38863.p1
- ▶ precursor=668.640280
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1336.271	1328.261	0.504	1327.757	S[24]
G	2	102.553	1271.749	1263.740	0.504	1263.236	G[23]
R	3	180.603	1243.239	1235.229	1235.733	1234.725	R[22]
G	4	259.114	1165.189	1157.179	1157.683	1156.675	G[21]
K	5	273.151	1136.677	1128.668	1129.172	1128.164	K[20]
G	6	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	415.216	1015.608	1007.599	1008.103	1007.095	K[17]
G	9	443.746	0.30356	922.546	923.050	922.042	G[16]
L	10	509.268	892.045	884.035	884.539	883.531	L[15]
G	11	538.799	845.503	837.493	837.997	836.990	G[14]
K	12	613.852	816.992	808.983	809.487	808.479	K[13]
G	13	642.363	731.939	723.930	724.434	723.426	G[12]
G	14	670.873	703.429	695.419	695.923	694.915	G[11]
A	15	698.394	674.918	666.908	667.412	666.404	A[10]
R	16	791.445	639.399	631.390	631.894	630.886	R[9]
R	17	869.495	554.347	546.337	546.841	545.833	R[8]
H	18	938.025	476.296	468.287	468.791	467.783	H[7]
R	19	1016.075	407.747	399.737	400.241	399.233	R[6]
K	20	1094.126	329.196	321.187	321.691	320.683	K[5]
V	21	1143.673	251.643	243.633	244.137	243.129	V[4]
L	22	1200.215	202.119	194.109	194.613	193.605	L[3]
R	23	1278.265	145.577	137.567	138.071	137.063	R[2]
D	24	1336.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=110.50
- ▶ F113279.dat
- ▶ query=q38863.p1
- ▶ precursor=668.640280
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	891.183	885.843	0.572	885.507	S[24]
G[2]	58.704	846.159	842.829	0.572	842.493	G[23]
R[3]	130.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	758.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.075	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	658.705	653.367	653.703	653.031	G[16]
L[10]	313.891	651.699	596.359	596.695	596.023	L[15]
G[11]	352.888	654.054	558.665	559.001	558.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.866	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.761	220.140	214.801	215.137	214.471	K[5]
V[21]	762.784	188.194	182.795	183.101	182.429	V[4]
L[22]	830.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR ^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.31
- ▶ F113279.dat
- ▶ query=q38866_p1
- ▶ precursor=535.114350
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2671.534	2655.515	0.000	2654.507	S[24]
G[2]	204.098	2542.491	2526.473	0.000	2525.465	G[23]
R[3]	350.199	2486.470	2469.451	2470.459	2468.443	R[22]
G[4]	417.230	2329.369	2313.350	2314.358	2312.341	G[21]
K[5]	545.315	2272.347	2256.329	2257.336	2255.321	K[20]
G[6]	602.337	2144.252	2128.234	2129.241	2127.226	G[19]
G[7]	659.358	2087.231	2071.213	2072.220	2070.204	G[18]
K[8]	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G[9]	885.485	1980.184	1844.085	1845.093	1843.077	G[16]
L[10]	929.549	1933.062	1797.064	1798.071	1796.056	L[15]
G[11]	1056.591	1889.998	1673.980	1674.987	1672.972	G[14]
K[12]	1226.696	1832.977	1616.958	1617.966	1615.950	K[13]
G[13]	1283.718	1462.971	1446.953	1447.860	1445.845	G[12]
G[14]	1340.739	1405.950	1389.831	1390.839	1388.823	G[11]
A[15]	1411.776	1348.928	1332.810	1333.818	1331.802	A[10]
R[16]	1541.882	1277.911	1261.793	1262.760	1260.765	R[9]
R[17]	1737.983	1107.885	1091.667	1092.675	1090.659	R[8]
H[18]	1875.042	951.585	935.566	936.574	934.558	H[7]
R[19]	2059.174	814.526	798.507	799.515	797.499	R[6]
K[20]	2187.269	630.393	614.375	615.382	613.367	K[5]
V[21]	2286.338	502.298	486.280	487.287	485.272	V[4]
L[22]	2399.422	403.230	387.211	388.219	386.203	L[3]
R[23]	2555.523	290.146	274.127	275.135	273.119	R[2]
D[24]	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR ^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.31
- ▶ F113279.dat
- ▶ query=q38866.p1
- ▶ precursor=535.114350
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1138.271	1126.261	0.504	1327.757	S[24]
G[2]	102.551	1271.746	1263.740	0.504	1263.236	G[23]
R[3]	180.603	1243.239	1235.229	1235.733	1234.725	R[22]
G[4]	259.114	1165.189	1157.179	1157.683	1156.675	G[21]
K[5]	273.151	1138.677	1128.668	1129.172	1128.164	K[20]
G[6]	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	415.236	1015.608	1007.599	1008.103	1007.095	K[17]
G[9]	443.746	930.556	922.546	923.050	922.042	G[16]
L[10]	500.288	902.045	894.035	894.539	893.531	L[15]
G[11]	528.799	845.503	837.493	837.997	836.990	G[14]
K[12]	613.852	816.992	808.983	809.487	808.479	K[13]
G[13]	642.363	731.939	723.930	724.434	723.426	G[12]
G[14]	670.873	703.429	695.419	695.923	694.915	G[11]
A[15]	708.392	674.918	666.908	667.412	666.404	A[10]
R[16]	791.445	639.399	631.390	631.894	630.886	R[9]
R[17]	869.495	554.347	546.337	546.841	545.833	R[8]
H[18]	938.025	476.296	468.287	468.791	467.783	H[7]
R[19]	1038.001	407.767	399.757	400.261	399.253	R[6]
K[20]	1094.138	315.700	307.691	308.195	307.187	K[5]
V[21]	1143.673	251.653	243.643	244.147	243.140	V[4]
L[22]	1200.215	202.119	194.109	194.613	193.605	L[3]
R[23]	1276.265	145.577	137.567	138.071	137.063	R[2]
D[24]	1336.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR ^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.31
- ▶ F113279.dat
- ▶ query=q38866.p1
- ▶ precursor=535.114350
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	885.841	0.672	885.507	S[24]
G[2]	58.704	848.169	842.829	0.672	842.493	G[23]
R[3]	150.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	798.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	620.705	615.367	615.703	615.031	G[16]
L[10]	313.681	601.699	596.359	596.695	596.023	L[15]
G[11]	352.868	504.024	558.667	559.001	558.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.866	312.527	312.863	312.191	H[7]
R[19]	667.063	272.180	266.841	267.176	266.506	R[6]
K[20]	729.791	210.803	205.463	205.799	205.127	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	800.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR ^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=67.31
- ▶ F113279.dat
- ▶ query=q38866.p1
- ▶ precursor=535.114350
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	668.639	664.634	0.755	664.382	S[24]
G[2]	51.780	636.378	632.374	0.755	632.122	G[23]
R[3]	90.805	622.123	618.118	618.370	617.866	R[22]
G[4]	105.061	583.098	579.093	579.345	578.841	G[21]
K[5]	137.084	568.842	564.838	565.090	564.586	K[20]
G[6]	151.340	536.819	532.814	533.066	532.562	G[19]
G[7]	165.595	522.563	518.558	518.810	518.307	G[18]
K[8]	208.121	508.308	504.303	504.555	504.051	K[17]
G[9]	222.377	495.781	491.777	492.029	491.525	G[16]
L[10]	250.048	451.526	447.521	447.773	447.269	L[15]
G[11]	264.303	423.255	419.250	419.502	418.998	G[14]
K[12]	307.430	400.000	404.995	405.247	404.743	K[13]
G[13]	321.685	366.473	362.469	362.721	362.217	G[12]
G[14]	335.940	352.218	348.213	348.465	347.961	G[11]
A[15]	353.700	337.963	333.958	334.210	333.706	A[10]
K[16]	398.226	320.203	316.199	316.451	315.947	K[9]
R[17]	435.251	-77.877	273.672	273.924	-73.420	R[8]
H[18]	469.516	238.652	234.647	234.899	234.395	H[7]
R[19]	513.549	204.397	200.392	200.644	200.140	R[6]
K[20]	547.573	158.354	154.349	154.601	154.097	K[5]
V[21]	572.340	126.330	122.325	122.577	122.073	V[4]
L[22]	600.611	101.563	97.558	97.810	97.306	L[3]
R[23]	639.636	73.292	69.287	69.539	69.035	R[2]
D[24]	668.393	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR ^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.01
- ▶ F113279.dat
- ▶ query=q38868_p1
- ▶ precursor=535.114580
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2073.534	2055.515	0.000	2054.507	S[24]
G	2	204.008	2542.491	2526.473	0.000	2525.465	G[23]
R	3	350.190	2495.470	2469.451	2470.439	2468.443	R[22]
G	4	417.230	2329.369	2313.350	2314.338	2312.341	G[21]
K	5	545.315	2272.347	2256.329	2257.320	2255.321	K[20]
G	6	602.337	2144.252	2128.234	2129.241	2127.238	G[19]
G	7	659.358	2087.231	2071.215	2072.220	2070.204	G[18]
K	8	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	885.485	1865.104	1844.085	1845.093	1843.077	G[16]
L	10	929.549	1803.082	1787.064	1788.071	1786.056	L[15]
G	11	1056.591	1689.968	1673.950	1674.967	1672.972	G[14]
K	12	1226.696	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1543.882	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1737.983	1107.668	1091.657	1092.675	1090.659	R[8]
H	18	1875.042	951.585	935.566	936.574	934.558	H[7]
R	19	2059.174	814.520	798.507	799.515	797.499	R[6]
K	20	2187.269	630.393	614.375	615.382	613.367	K[5]
V	21	2286.338	502.298	486.280	487.287	485.272	V[4]
L	22	2399.422	403.229	387.211	388.219	386.203	L[3]
R	23	2555.523	290.140	274.127	275.135	273.119	R[2]
D	24	2670.550	134.045	135.050	136.054	137.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR ^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=55.01
- ▶ F113279.dat
- ▶ query=q38868.p1
- ▶ precursor=535.114580
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1138.271	1328.261	0.504	1327.757	S[24]
G[2]	102.551	1271.749	1263.740	0.504	1263.236	G[23]
R[3]	180.603	1243.239	1238.250	1235.733	1234.725	R[22]
G[4]	259.114	1165.169	1157.179	1157.683	1156.675	G[21]
K[5]	274.161	1130.697	1125.698	1129.172	1128.164	K[20]
G[6]	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	415.236	1015.608	1007.599	1008.103	1007.095	K[17]
G[9]	443.746	930.566	922.546	923.050	922.042	G[16]
L[10]	509.268	902.045	894.025	894.529	893.521	L[15]
G[11]	528.799	845.503	837.493	837.997	836.990	G[14]
K[12]	613.852	816.992	808.983	809.487	808.479	K[13]
G[13]	642.363	731.939	723.930	724.434	723.426	G[12]
G[14]	670.873	703.429	695.419	695.923	694.915	G[11]
A[15]	706.392	674.918	665.908	667.412	666.404	A[10]
R[16]	751.445	639.399	631.390	631.894	630.886	R[9]
R[17]	869.495	554.347	546.337	546.841	545.833	R[8]
H[18]	938.025	476.206	468.207	468.791	467.783	H[7]
R[19]	1038.001	407.767	399.757	400.261	399.253	R[6]
K[20]	1094.138	315.700	307.681	308.185	307.187	K[5]
V[21]	1153.673	251.653	243.643	244.147	243.149	V[4]
L[22]	1200.215	202.119	194.109	194.613	193.605	L[3]
R[23]	1276.265	145.577	137.567	138.071	137.063	R[2]
D[24]	1336.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR ^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=55.01
- ▶ F113279.dat
- ▶ query=q38868.p1
- ▶ precursor=535.114580
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	885.843	0.672	885.507	S[24]
G[2]	58.704	848.169	842.829	0.672	842.493	G[23]
R[3]	150.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	798.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	620.709	615.367	615.703	615.031	G[16]
L[10]	313.681	601.699	596.359	596.695	596.023	L[15]
G[11]	352.868	504.054	558.665	559.001	558.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.866	312.527	312.863	312.191	H[7]
R[19]	657.953	272.180	266.841	267.176	266.506	R[6]
K[20]	729.761	210.803	205.463	205.799	205.127	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	800.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	896.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

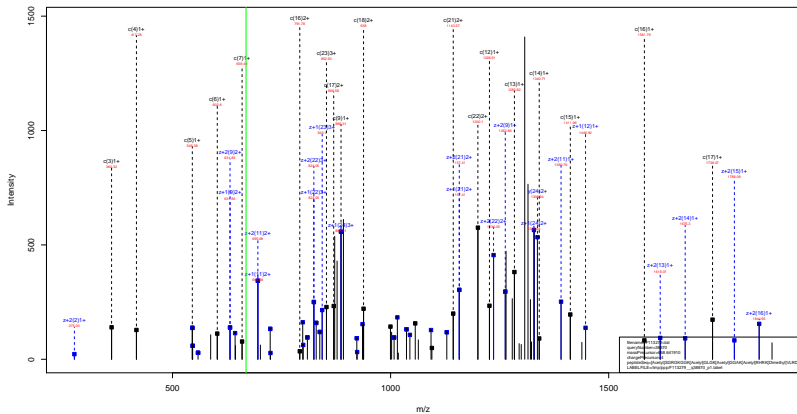
[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR ^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=55.01
- ▶ F113279.dat
- ▶ query=q38868.p1
- ▶ precursor=535.114580
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	668.630	664.634	0.795	664.182	S[24]
G[2]	51.780	636.378	632.374	0.795	632.122	G[23]
R[3]	90.805	622.121	618.118	618.370	617.866	R[22]
G[4]	105.061	583.098	579.093	579.345	578.841	G[21]
K[5]	137.084	568.842	564.838	565.090	564.586	K[20]
G[6]	151.340	536.819	532.814	533.066	532.562	G[19]
G[7]	165.595	522.563	518.558	518.810	518.307	G[18]
K[8]	208.121	508.308	504.303	504.555	504.051	K[17]
G[9]	222.377	495.781	491.777	492.029	491.525	G[16]
L[10]	250.048	451.526	447.521	447.773	447.269	L[15]
G[11]	264.303	423.255	419.250	419.502	418.998	G[14]
K[12]	307.430	409.000	404.995	405.247	404.743	K[13]
G[13]	321.685	366.473	362.469	362.721	362.217	G[12]
G[14]	335.940	352.218	348.213	348.465	347.961	G[11]
A[15]	353.700	337.963	333.958	334.210	333.706	A[10]
K[16]	398.226	320.203	316.199	316.451	315.947	K[9]
R[17]	435.251	277.677	273.672	273.924	273.420	R[8]
H[18]	469.516	238.652	234.647	234.899	234.395	H[7]
R[19]	513.549	204.397	200.392	200.644	200.140	R[6]
K[20]	547.573	158.354	154.349	154.601	154.097	K[5]
V[21]	572.340	126.330	122.325	122.577	122.073	V[4]
L[22]	600.611	101.563	97.558	97.810	97.306	L[3]
R[23]	636.636	73.292	69.287	69.539	69.035	R[2]
D[24]	668.393	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl} 42.01 GLGK ^{Acetyl} 42.01 GGAK ^{Acetyl} 42.01 RHRK ^{Dimethyl} 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=100.43
- ▶ F113279.dat
- ▶ query=q38870_p1
- ▶ precursor=668.641910
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2671.534	2655.515	0.000	2654.507	S[24]
G	2	204.008	2542.491	2526.473	0.000	2525.465	G[23]
R	3	350.199	2486.470	2469.451	2470.439	2468.443	R[22]
G	4	417.230	2329.369	2313.350	2314.368	2312.341	G[21]
K	5	545.315	2272.347	2256.329	2257.336	2255.321	K[20]
G	6	602.337	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	659.358	2087.231	2071.213	2072.220	2070.204	G[18]
K	8	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	886.485	1980.104	1844.085	1845.093	1843.077	G[16]
L	10	929.569	1803.062	1787.044	1788.071	1786.056	L[15]
G	11	1056.591	1688.998	1673.980	1674.987	1672.972	G[14]
K	12	1226.696	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1581.882	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1737.983	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1875.042	951.585	935.566	936.574	934.558	H[7]
R	19	2031.143	814.526	798.507	799.515	797.499	R[6]
K	20	2187.209	658.425	642.406	643.414	641.398	K[5]
V	21	2286.338	502.298	486.280	487.287	485.272	V[4]
L	22	2399.422	403.230	387.211	388.219	386.203	L[3]
R	23	2555.523	290.146	274.127	275.135	273.119	R[2]
D	24	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=100.43
- ▶ F113279.dat
- ▶ query=q38870_p1
- ▶ precursor=668.641910
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1336.271	1328.261	0.504	1327.757	S[24]
G[2]	102.551	1271.746	1263.740	0.504	1263.236	G[23]
R[3]	180.601	1243.239	1235.233	1235.733	1234.728	R[22]
G[4]	259.114	1165.189	1157.179	1157.683	1156.677	G[21]
K[5]	273.151	1136.677	1128.668	1129.172	1128.165	K[20]
G[6]	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	415.216	1015.608	1007.599	1008.103	1007.097	K[17]
G[9]	443.746	0.30356	922.546	923.050	922.042	G[16]
L[10]	509.268	002.045	864.023	864.529	863.523	L[15]
G[11]	528.799	845.501	837.493	837.997	836.990	G[14]
K[12]	613.852	816.902	808.903	809.407	808.400	K[13]
G[13]	662.363	731.939	723.930	724.434	723.426	G[12]
G[14]	670.873	703.429	695.419	695.923	694.915	G[11]
A[15]	698.394	674.918	665.909	667.412	666.405	A[10]
R[16]	791.445	639.399	631.390	631.894	630.886	R[9]
R[17]	809.495	554.347	546.337	546.841	545.833	R[8]
H[18]	938.025	476.290	468.287	468.791	467.783	H[7]
R[19]	1018.075	407.767	399.757	400.261	399.253	R[6]
K[20]	1094.138	329.716	321.707	322.211	321.203	K[5]
V[21]	1143.673	251.653	243.643	244.147	243.140	V[4]
L[22]	1200.215	202.119	194.109	194.613	193.605	L[3]
R[23]	1278.265	145.577	137.567	138.071	137.063	R[2]
D[24]	1335.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

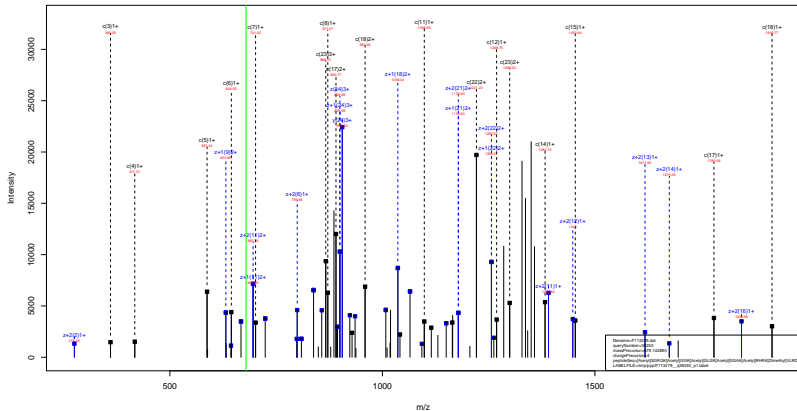
[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=100.43
- ▶ F113279.dat
- ▶ query=q38870.p1
- ▶ precursor=668.641910
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	685.843	0.672	885.507	S[24]
G[2]	58.704	948.165	842.829	0.672	842.493	G[23]
R[3]	150.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	798.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	630.795	615.367	615.703	615.031	G[16]
L[10]	313.681	601.699	596.359	596.695	596.023	L[15]
G[11]	352.868	564.054	558.665	559.001	558.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.896	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.761	220.146	214.807	215.143	214.471	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	800.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{42.01}^{Acetyl} GGK_{42.01}^{Acetyl} GLGK_{42.01}^{Acetyl} GGAK_{42.01}^{Acetyl} RHRK_{28.03}^{Dimethyl} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=104.86
- ▶ F113279.dat
- ▶ query=q39250_p1
- ▶ precursor=679.142880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	273.544	2697.526	0.000	2696.518	S[24]
G	2	204.098	2584.502	2568.483	0.000	2567.475	G[23]
R	3	350.199	2527.480	2511.463	2512.470	2510.454	R[22]
G	4	417.230	2371.379	2355.361	2356.368	2354.353	G[21]
K	5	587.326	2314.358	2298.339	2299.347	2297.331	K[20]
G	6	644.347	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	701.369	2087.231	2071.213	2072.220	2070.204	G[18]
K	8	871.474	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	928.496	1860.104	1844.085	1845.093	1843.077	G[16]
L	10	1041.580	1803.082	1787.064	1788.071	1786.056	L[15]
G	11	1098.601	1588.995	1673.980	1674.987	1672.972	G[14]
K	12	1268.707	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1325.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1382.750	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1453.787	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1524.823	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1779.994	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1917.053	951.585	935.566	936.574	934.558	H[7]
R	19	2073.194	814.526	798.507	799.515	797.499	R[6]
K	20	2229.280	658.425	642.406	643.414	641.398	K[5]
V	21	2326.348	502.298	486.280	487.287	485.272	V[4]
L	22	2441.432	403.230	387.211	388.219	386.203	L[3]
R	23	2587.534	280.146	274.127	275.135	273.119	R[2]
D	24	2712.560	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{Acetyl}_{42.01} GGK_{Acetyl}_{42.01} GLGK_{Acetyl}_{42.01} GGAK_{Acetyl}_{42.01} RHRK_{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=104.86
- ▶ F113279.dat
- ▶ query=q39250_p1
- ▶ precursor=679.142880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1357.276	1340.267	0.504	1348.763	S[24]
G[2]	102.553	1292.755	1284.745	0.504	1284.241	G[23]
R[3]	180.603	1284.244	1256.234	1256.738	1295.711	R[22]
G[4]	209.114	1136.193	1178.184	1178.688	1177.689	G[21]
K[5]	204.167	1157.683	1149.673	1150.177	1149.169	K[20]
G[6]	322.677	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	436.241	1015.608	1007.599	1008.103	1007.095	K[17]
G[9]	464.752	930.596	922.586	923.090	922.042	G[16]
L[10]	501.294	902.045	894.035	894.539	893.532	L[15]
G[11]	549.804	945.503	837.493	837.997	836.990	G[14]
K[12]	534.857	816.992	808.983	809.487	808.479	K[13]
G[13]	663.366	731.939	723.930	724.434	723.426	G[12]
G[14]	691.879	703.429	695.419	695.923	694.915	G[11]
A[15]	727.397	674.918	666.908	667.412	666.405	A[10]
R[16]	812.450	639.399	631.390	631.894	630.886	R[9]
R[17]	890.500	554.347	546.337	546.841	545.833	R[8]
H[18]	959.030	476.290	468.280	468.791	467.783	H[7]
R[19]	1037.080	407.767	399.757	400.261	399.253	R[6]
K[20]	1115.144	329.716	321.707	322.211	321.203	K[5]
V[21]	1164.678	251.653	243.643	244.147	243.140	V[4]
L[22]	1221.220	202.119	194.109	194.613	193.605	L[3]
R[23]	1299.270	145.577	137.567	138.073	137.063	R[2]
D[24]	1356.784	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK** ^{Acetyl}_{42.01} **G**G**K** ^{Acetyl}_{42.01} **G**L**G****K** ^{Acetyl}_{42.01} **G**G**A****K** ^{Acetyl}_{42.01} **R**H**R****K** ^{Dimethyl}_{28.03} **V**L**R****D**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=104.86
- ▶ F113279.dat
- ▶ query=q39250.p1
- ▶ precursor=679.142880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	905.186	699.847	0.672	899.511	S[24]
G[2]	58.704	352.172	856.833	0.672	356.497	G[23]
R[3]	120.738	843.165	837.825	838.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	620.706	615.367	615.703	615.031	G[16]
L[10]	317.885	601.699	596.359	596.695	596.023	L[15]
G[11]	356.872	554.004	558.665	559.001	558.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.689	317.896	312.527	312.863	312.191	H[7]
R[19]	691.723	272.180	266.841	267.176	266.505	R[6]
K[20]	743.765	220.146	214.807	215.143	214.471	K[5]
V[21]	776.788	168.104	162.765	163.101	162.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	866.516	97.387	92.047	92.383	91.711	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK**^{Acetyl}_{42.01} **G**G**K**^{Acetyl}_{42.01} **G**L**G****K**^{Acetyl}_{42.01} **G**G**A****K**^{Acetyl}_{42.01} **R**H**R****K**^{Dimethyl}_{28.03} **V**L**R****D**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=91.42
- ▶ F113279.dat
- ▶ query=q39251_p1
- ▶ precursor=543.515780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	273.544	2697.526	0.000	2696.518	S[24]
G	2	204.098	2584.502	2568.483	0.000	2567.475	G[23]
R	3	350.199	2527.480	2511.463	2512.470	2510.454	R[22]
G	4	417.230	2371.379	2356.361	2356.368	2354.353	G[21]
K	5	587.326	2314.358	2298.339	2299.347	2297.331	K[20]
G	6	644.347	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	701.369	2087.231	2071.213	2072.220	2070.204	G[18]
K	8	871.474	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	928.496	1880.104	1864.085	1865.093	1863.077	G[16]
L	10	1041.580	1803.062	1787.044	1788.051	1786.035	L[15]
G	11	1098.601	1588.998	1573.980	1574.987	1572.972	G[14]
K	12	1268.707	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1325.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1382.750	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1453.787	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1623.833	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1779.994	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1917.053	951.585	935.566	936.574	934.558	H[7]
R	19	2073.194	814.526	798.507	799.515	797.499	R[6]
K	20	2229.280	658.425	642.406	643.414	641.398	K[5]
V	21	2326.348	502.298	486.280	487.287	485.272	V[4]
L	22	2441.432	403.230	387.211	388.219	386.203	L[3]
R	23	2587.534	280.146	274.127	275.135	273.119	R[2]
D	24	2712.560	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**^{Dimethyl}_{28.03} **VLRD**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=91.42
- ▶ F113279.dat
- ▶ query=q39251_p1
- ▶ precursor=543.515780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1157.276	1349.267	0.504	1349.761	S[24]
G	2	102.553	1292.755	1284.745	0.504	1284.241	G[23]
R	3	180.603	1264.244	1256.234	1258.738	1255.731	R[22]
G	4	259.114	1158.193	1179.183	1178.688	1177.689	G[21]
K	5	294.157	1157.683	1149.673	1150.177	1149.169	K[20]
G	6	322.677	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	436.241	1015.608	1007.599	1008.103	1007.599	K[17]
G	9	464.752	930.556	922.546	923.050	922.042	G[16]
L	10	511.294	902.045	894.035	894.539	893.531	L[15]
G	11	540.804	845.503	837.493	837.997	836.990	G[14]
K	12	634.857	816.992	808.983	809.487	808.479	K[13]
G	13	663.368	731.939	723.930	724.434	723.426	G[12]
G	14	691.879	703.429	695.419	695.923	694.915	G[11]
A	15	720.397	674.918	666.908	667.412	666.404	A[10]
R	16	812.450	639.399	631.390	631.894	630.886	R[9]
R	17	890.500	554.347	546.337	546.841	545.833	R[8]
H	18	959.030	476.290	468.287	468.791	467.783	H[7]
R	19	1037.080	407.767	399.757	400.261	399.253	R[6]
K	20	1112.144	329.716	321.707	322.211	321.203	K[5]
V	21	1164.678	253.653	245.643	246.147	245.140	V[4]
L	22	1221.220	202.119	194.109	194.613	193.605	L[3]
R	23	1299.270	145.577	137.567	138.071	137.063	R[2]
D	24	1356.704	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**^{Dimethyl}_{28.03} **VLRD**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=91.42
- ▶ F113279.dat
- ▶ query=q39251.p1
- ▶ precursor=543.515780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	305.199	899.847	0.672	899.511	S[24]
G[2]	58.704	862.172	856.831	0.672	856.497	G[23]
R[3]	120.738	841.165	837.825	830.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	620.705	615.367	615.703	615.031	G[16]
L[10]	347.885	601.699	596.359	596.695	596.023	L[15]
G[11]	396.872	564.004	558.665	559.001	558.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.683	369.900	364.561	364.896	364.225	R[8]
H[18]	639.689	317.866	312.527	312.863	312.191	H[7]
R[19]	691.723	272.180	266.841	267.176	266.505	R[6]
K[20]	743.765	220.140	214.807	215.143	214.471	K[5]
V[21]	776.788	168.104	162.765	163.101	162.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	886.516	97.387	92.047	92.383	91.711	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

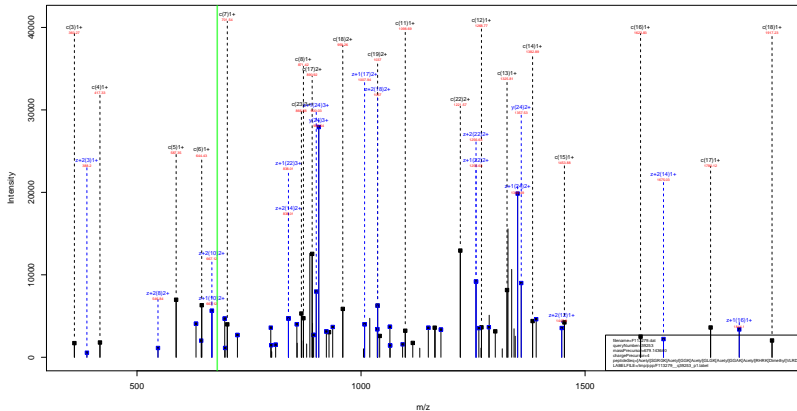
[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**^{Dimethyl}_{28.03} **VLRD**

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=91.42
- ▶ F113279.dat
- ▶ query=q39251.p1
- ▶ precursor=543.515780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	679.142	675.137	0.755	674.085	S[24]
G[2]	51.780	546.081	642.876	0.755	642.624	G[23]
R[3]	90.805	632.626	628.621	628.873	628.369	R[22]
G[4]	105.061	593.600	589.596	589.848	589.344	G[21]
K[5]	147.587	579.345	575.340	575.592	575.088	K[20]
G[6]	161.842	536.819	532.814	533.066	532.562	G[19]
G[7]	176.098	522.563	518.558	518.810	518.307	G[18]
K[8]	218.624	508.308	504.303	504.555	504.051	K[17]
G[9]	232.879	495.781	491.777	492.029	491.525	G[16]
L[10]	261.150	451.526	447.521	447.773	447.269	L[15]
G[11]	275.406	423.255	419.250	419.502	418.998	G[14]
K[12]	317.932	409.000	404.995	405.247	404.743	K[13]
G[13]	332.188	366.473	362.469	362.721	362.217	G[12]
G[14]	346.443	352.218	348.213	348.465	347.961	G[11]
A[15]	364.202	337.963	333.958	334.210	333.706	A[10]
K[16]	406.729	320.203	316.199	316.451	315.947	K[9]
R[17]	445.754	-277.877	273.872	273.924	-273.420	R[8]
H[18]	460.010	238.652	234.647	234.899	234.395	H[7]
R[19]	519.044	204.397	200.392	200.644	200.140	R[6]
K[20]	568.075	185.362	181.357	181.609	181.105	K[5]
V[21]	582.843	126.330	122.325	122.577	122.073	V[4]
L[22]	611.114	101.563	97.558	97.810	97.306	L[3]
R[23]	650.139	73.292	69.287	69.539	69.035	R[2]
D[24]	678.896	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK**^{Acetyl}_{42.01} **G**G**K**^{Acetyl}_{42.01} **G**L**G****K**^{Acetyl}_{42.01} **G**G**A****K**^{Acetyl}_{42.01} **R**H**R****K**^{Dimethyl}_{28.03} **V**L**R****D**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=105.84
- ▶ F113279.dat
- ▶ query=q39253.p1
- ▶ precursor=679.143640
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.676	273.544	2697.526	0.000	2696.518	S[24]
G	2	204.098	2584.502	2568.483	0.000	2567.475	G[23]
R	3	358.199	2527.480	2511.463	2512.470	2510.454	R[22]
G	4	417.220	2371.379	2355.361	2356.368	2354.353	G[21]
K	5	587.326	2314.358	2298.339	2299.347	2297.331	K[20]
G	6	644.347	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	701.369	2087.231	2071.213	2072.220	2070.204	G[18]
K	8	871.474	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	928.496	1880.104	1844.085	1845.093	1843.077	G[16]
L	10	1041.580	1803.062	1787.044	1788.051	1786.035	L[15]
G	11	1098.601	1588.998	1673.980	1674.987	1672.972	G[14]
K	12	1268.707	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1325.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1382.750	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1453.787	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1623.893	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1779.994	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1917.053	951.585	935.566	936.574	934.558	H[7]
R	19	2073.194	814.526	798.507	799.515	797.499	R[6]
K	20	2229.280	658.425	642.406	643.414	641.398	K[5]
V	21	2328.348	502.298	486.280	487.287	485.272	V[4]
L	22	2441.432	403.230	387.211	388.219	386.203	L[3]
R	23	2587.534	280.146	274.127	275.135	273.119	R[2]
D	24	2712.590	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=105.84
- ▶ F113279.dat
- ▶ query=q39253.p1
- ▶ precursor=679.143640
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1357.276	1349.267	0.504	1348.763	S[24]
G[2]	102.553	1292.755	1284.745	0.504	1284.241	G[23]
R[3]	180.603	1264.244	1256.234	1256.738	1255.731	R[22]
G[4]	259.114	1198.193	1178.184	1178.688	1177.681	G[21]
K[5]	294.157	1157.683	1149.673	1150.177	1149.169	K[20]
G[6]	322.677	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	436.241	1015.608	1007.599	1008.103	1007.095	K[17]
G[9]	464.752	930.556	922.546	923.050	922.042	G[16]
L[10]	511.294	902.045	894.035	894.539	893.531	L[15]
G[11]	549.804	845.503	837.493	837.997	836.990	G[14]
K[12]	634.857	816.992	808.983	809.487	808.479	K[13]
G[13]	663.368	731.939	723.930	724.434	723.426	G[12]
G[14]	691.879	703.429	695.419	695.923	694.915	G[11]
A[15]	720.389	674.918	666.908	667.412	666.404	A[10]
R[16]	812.450	639.399	631.390	631.894	630.886	R[9]
R[17]	890.500	554.347	546.337	546.841	545.833	R[8]
H[18]	959.030	476.290	468.280	468.784	467.776	H[7]
R[19]	1037.080	407.767	399.757	400.261	399.253	R[6]
K[20]	1115.144	329.716	321.707	322.211	321.203	K[5]
V[21]	1164.678	251.663	243.653	244.157	243.149	V[4]
L[22]	1221.220	202.119	194.109	194.613	193.605	L[3]
R[23]	1299.270	145.577	137.567	138.071	137.063	R[2]
D[24]	1356.704	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

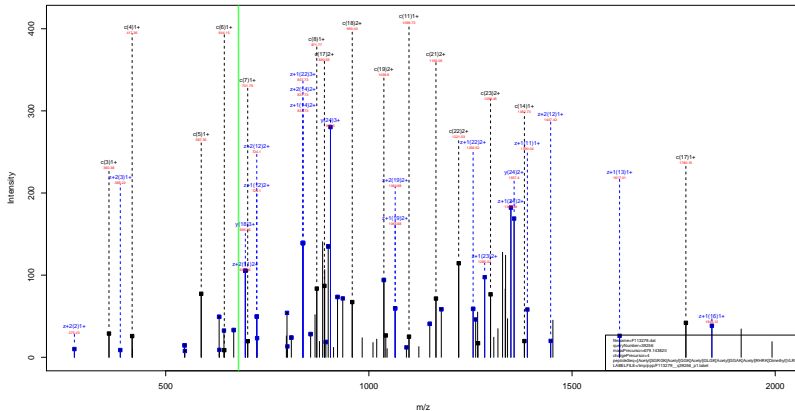
[Acetyl]SGR**GGK** Acetyl 42.01 **GGK** Acetyl 42.01 **GLGK** Acetyl 42.01 **GGAK** Acetyl 42.01 **RHRK** Dimethyl 28.03 **VLRD**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=105.84
- ▶ F113279.dat
- ▶ query=q39253.p1
- ▶ precursor=679.143640
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	905.186	699.847	0.672	899.511	S[24]
G[2]	58.704	392.172	856.833	0.672	856.497	G[23]
R[3]	120.738	843.165	837.825	838.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	620.706	615.367	615.703	615.031	G[16]
L[10]	317.885	601.699	596.359	596.695	596.023	L[15]
G[11]	396.872	564.004	558.665	559.001	558.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.689	317.896	312.527	312.863	312.191	H[7]
R[19]	691.723	272.180	266.841	267.176	266.505	R[6]
K[20]	743.765	220.146	214.807	215.143	214.471	K[5]
V[21]	776.788	168.104	162.765	163.101	162.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	866.516	97.387	92.047	92.383	91.711	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK** Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK Dimethyl 28.03 VL**RD**



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=97.01
- ▶ F113279.dat
- ▶ query=q39256_p1
- ▶ precursor=679.143820
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	273.544	2697.526	0.000	2696.518	S[24]
G	2	204.098	2584.502	2568.483	0.000	2567.475	G[23]
R	3	368.199	2527.480	2511.463	2512.470	2510.454	R[22]
G	4	417.230	2371.379	2356.361	2356.368	2354.353	G[21]
K	5	587.326	2314.358	2298.339	2299.347	2297.331	K[20]
G	6	644.347	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	701.369	2087.231	2071.215	2072.220	2070.204	G[18]
K	8	871.474	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	930.506	1890.104	1844.085	1845.093	1843.077	G[16]
L	10	1041.580	1803.062	1787.045	1788.071	1786.056	L[15]
G	11	1098.601	1588.998	1673.980	1674.987	1672.972	G[14]
K	12	1268.707	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1325.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1382.750	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1453.787	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1623.883	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1779.994	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1917.053	951.585	935.566	936.574	934.558	H[7]
R	19	2073.154	814.526	798.507	799.515	797.499	R[6]
K	20	2229.280	658.425	642.408	643.414	641.398	K[5]
V	21	2328.348	502.298	486.280	487.287	485.272	V[4]
L	22	2441.432	403.230	387.213	388.219	386.203	L[3]
R	23	2587.534	286.146	274.127	275.135	273.119	R[2]
D	24	2712.560	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{Acetyl}_{42.01} GGK_{Acetyl}_{42.01} GLGK_{Acetyl}_{42.01} GGAK_{Acetyl}_{42.01} RHRK_{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=97.01
- ▶ F113279.dat
- ▶ query=q39256.p1
- ▶ precursor=679.143820
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1357.276	1349.267	0.504	1348.761	S[24]
G	2	102.553	1292.755	1284.745	0.504	1284.241	G[23]
R	3	180.803	1264.244	1256.234	1256.738	1255.731	R[22]
G	4	259.114	1199.193	1179.184	1178.688	1177.680	G[21]
K	5	294.167	1157.682	1149.673	1150.177	1149.169	K[20]
G	6	352.677	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	436.241	1015.608	1007.599	1008.103	1007.095	K[17]
G	9	464.752	930.556	922.546	923.050	922.042	G[16]
L	10	511.294	902.045	894.035	894.539	893.532	L[15]
G	11	549.804	845.503	837.493	837.997	836.990	G[14]
K	12	634.857	816.992	808.983	809.487	808.479	K[13]
G	13	663.368	731.939	723.930	724.434	723.426	G[12]
G	14	691.879	703.429	695.419	695.923	694.915	G[11]
A	15	727.389	614.916	606.906	607.412	606.404	A[10]
R	16	812.450	639.399	631.390	631.894	630.886	R[9]
R	17	890.500	554.347	546.337	546.841	545.833	R[8]
R	18	959.030	476.290	468.282	468.791	467.783	R[7]
R	19	1037.060	407.767	399.757	400.261	399.253	R[6]
K	20	1115.144	329.716	321.707	322.211	321.203	K[5]
V	21	1164.678	251.663	243.653	244.147	243.140	V[4]
L	22	1271.720	202.119	194.109	194.613	193.605	L[3]
R	23	1299.270	145.577	137.567	138.071	137.063	R[2]
D	24	1356.784	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **RHRK** Dimethyl
28.03 **VLRD**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=97.01
- ▶ F113279.dat
- ▶ query=q39256.p1
- ▶ precursor=679.143820
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	905.186	899.847	0.672	899.511	S[24]
G[2]	68.704	852.172	856.833	0.672	856.497	G[23]
R[3]	120.738	843.165	837.825	838.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	620.796	615.367	615.703	615.031	G[16]
L[10]	347.855	601.999	596.359	596.695	596.023	L[15]
G[11]	356.872	564.024	558.665	559.001	558.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.689	317.866	312.527	312.863	312.191	H[7]
R[19]	691.723	272.180	266.841	267.176	266.505	R[6]
K[20]	743.765	220.346	214.997	215.343	214.671	K[5]
V[21]	776.798	198.104	192.765	193.101	192.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	866.516	97.387	92.047	92.383	91.711	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=52.29
- ▶ F113279.dat
- ▶ query=q41550_p1
- ▶ precursor=771.723810
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
L1	380.080	380.080	0.000	334.294	0.000	0.000	3483.882	3486.981	3486.981	L259	
R1	337.139	337.139	0.000	288.345	0.000	0.000	3071.870	3074.911	3074.911	R20	
R1	338.254	338.254	0.000	356.229	338.203	0.000	3086.765	3089.738	3089.744	R207	
L1	407.133	407.133	0.000	469.313	452.287	0.000	2726.870	2731.543	2731.609	L206	
L15	544.462	537.374	0.000	502.307	505.313	0.000	2635.500	2638.500	2639.000	L205	
Q1	811.424	384.314	0.000	639.415	559.313	0.000	2362.500	2366.475	2364.461	Q24	
R1	337.252	337.252	0.000	795.345	778.313	0.000	2446.461	2438.454	2427.410	R223	
V1	866.619	849.592	0.000	894.613	877.313	0.000	2180.260	2177.261	2174.264	V22	
L1	387.038	387.038	0.000	366.364	378.313	0.000	3177.261	3179.261	3177.261	L221	
I10	388.389	388.389	0.000	1108.745	381.313	0.000	3086.210	3074.211	3071.207	I201	
A11	1151.191	1151.191	0.000	1139.777	1120.313	0.000	3186.172	3186.174	3186.174	A116	
Q12	1279.486	1279.486	0.000	1198.836	1184.313	0.000	3189.142	3189.141	3188.066	Q128	
Q13	1339.389	1339.389	0.000	1184.414	1307.313	0.000	3177.261	3180.000	3178.048	Q137	
Q14	1393.389	1393.389	0.000	1421.884	1404.313	0.000	3183.871	3179.000	3179.000	Q116	
L11	1483.187	1483.187	0.000	1474.847	1478.313	0.000	3181.961	3181.000	3180.000	L115	
L106	1506.941	1506.941	0.000	1504.003	1507.313	0.000	3183.941	3184.000	3183.000	L104	
P117	1613.024	1613.024	0.000	1609.068	1611.313	0.000	3183.000	3183.000	3182.000	P113	
R116	1617.137	1617.137	0.000	1609.221	1604.313	0.000	3207.121	3203.813	3203.769	R112	
I108	1739.432	1739.432	0.000	1734.211	1736.313	0.000	3209.200	3209.200	3207.143	I101	
Q120	2058.288	2048.293	0.000	2046.266	2088.313	0.000	2088.200	1126.683	1109.658	1108.672	Q120
A111	2139.117	2139.120	0.000	2131.308	2127.313	0.000	2130.361	998.624	0.000	998.614	A10
V123	2208.268	2218.269	0.000	2204.326	2206.313	0.000	2208.313	921.587	918.561	906.579	V10
L124	2441.269	2434.431	0.000	2434.406	2439.404	0.000	2439.404	828.519	811.569	810.568	L117
L124	2654.933	2647.827	0.000	2648.543	2642.540	0.000	2644.533	715.435	708.408	697.428	L10
P125	2813.338	2824.340	0.000	2819.338	2819.337	0.000	2819.338	602.381	588.344	584.340	P101
R126	2876.101	2882.074	0.000	2861.986	2867.986	0.000	2868.074	505.298	488.291	487.287	R10
R227	2877.198	2780.197	0.000	2839.193	2831.313	0.000	2837.198	377.203	360.177	359.183	R10
L127	2899.444	2888.443	0.000	2888.443	2888.443	0.000	2888.444	288.120	0.000	281.000	L10
L201	3117.688	3026.687	0.000	3026.687	3026.687	0.000	3026.688	148.000	0.000	139.000	L101

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=52.29
- ▶ F113279.dat
- ▶ query=q41550.p1
- ▶ precursor=771.723810
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a-Δ	b	b ⁺	b-Δ	y	y ⁺	y-Δ	AA
L1	41.552	8.504	8.504	35.943	0.504	0.504	1642.420	1232.000	1332.444	L156
R1	154.632	136.130	8.504	178.614	170.110	8.504	1438.880	1420.377	1416.861	R127
L4	221.551	212.050	8.504	210.048	225.647	8.504	1364.830	1350.325	1355.833	L126
L15	277.630	269.129	8.504	269.100	285.100	8.504	1330.370	1320.700	1326.700	L125
Q4	306.550	297.750	8.504	320.213	311.700	8.504	1251.750	1243.243	1242.740	Q24
R7	384.270	375.770	8.504	380.270	388.763	8.504	1221.244	1214.737	1214.739	R125
V6	433.111	425.360	8.504	444.611	436.107	8.504	1148.181	1142.674	1142.676	V124
V19	484.337	475.833	8.504	498.334	489.821	8.504	1070.540	1067.533	1067.541	V121
I10	540.879	532.366	8.504	554.874	546.363	8.504	1045.123	1038.616	1038.617	I120
A11	576.397	567.884	8.504	590.393	581.882	8.504	980.581	980.067	979.575	A119
Q12	628.277	619.763	8.504	644.274	635.763	8.504	951.062	944.549	944.552	Q118
Q13	669.777	660.254	8.504	685.772	677.263	8.504	899.533	890.510	890.527	Q117
Q14	697.448	688.935	8.504	711.444	702.932	8.504	860.522	852.009	852.017	Q116
V12	716.987	708.480	8.504	732.987	724.477	8.504	832.511	824.000	823.996	V115
L10	803.524	795.017	8.504	817.523	809.000	8.504	781.477	773.964	773.972	L114
P17	812.021	803.510	8.504	826.020	817.503	8.504	725.830	718.322	718.320	P113
R16	860.524	852.017	8.504	874.523	866.010	8.504	684.264	676.753	676.753	R112
L18	900.024	891.517	8.504	914.023	905.510	8.504	620.387	612.874	612.882	L111
Q10	932.844	924.337	8.504	946.843	938.332	8.504	581.871	574.358	574.366	Q110
A21	939.152	930.645	8.504	953.151	944.640	8.504	520.124	512.611	512.619	A20
V15	1114.808	1106.301	8.504	1128.804	1120.293	8.504	458.257	450.744	450.752	V109
L28	1117.538	1109.031	8.504	1131.537	1123.026	8.504	454.751	447.238	447.246	L108
L24	1227.180	1218.673	8.504	1241.179	1232.668	8.504	388.221	380.708	380.716	L106
P14	1276.367	1267.860	8.504	1290.366	1281.855	8.504	311.811	304.298	304.306	P105
R20	1340.334	1331.827	8.504	1354.333	1345.822	8.504	253.533	246.020	246.028	R104
R27	1404.402	1395.895	8.504	1418.401	1409.890	8.504	188.100	180.587	180.595	R103
L26	1434.336	1425.829	8.504	1448.335	1439.824	8.504	125.000	117.487	117.495	L102
L25	1519.497	1510.990	8.504	1533.496	1524.985	8.504	74.500	66.987	66.995	L101

sp | Q6GSS7 | H2A2A_MOUSE

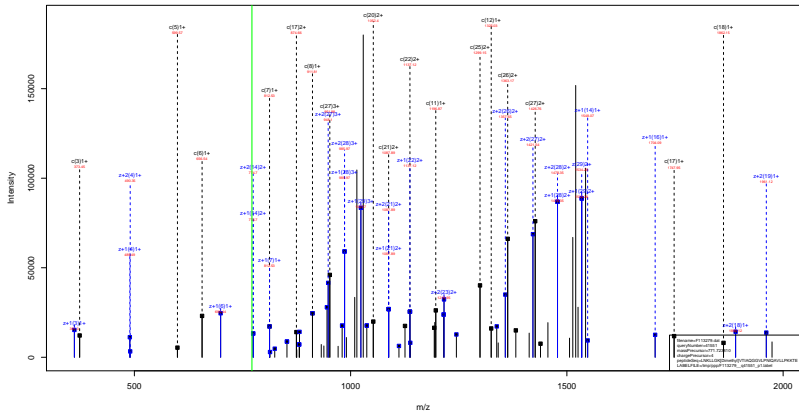
LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=52.29
- ▶ F113279.dat
- ▶ query=q41550.p1
- ▶ precursor=771.723810
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA
L1	28.178	0.87	0.87	38.102	0.872	0.872	1033.533	1022.99	1022.992	L26
N2	67.585	61.736	0.872	76.715	71.843	0.872	660.941	665.265	664.937	N26
K3	110.681	104.407	0.872	119.413	113.739	0.872	952.926	949.251	949.021	K27
L4	147.778	142.125	0.872	157.109	151.434	0.872	910.228	904.553	904.225	L26
L5	185.874	179.397	0.872	194.884	189.124	0.872	876.513	866.526	866.510	L26
Q6	264.478	258.004	0.872	273.811	268.136	0.872	834.839	829.163	828.835	Q24
K7	298.522	291.988	0.872	308.853	303.178	0.872	813.852	810.156	809.826	K25
V8	339.544	332.869	0.872	348.878	343.203	0.872	783.729	780.114	779.788	V22
Y9	323.227	317.553	317.221	333.595	326.883	326.555	730.747	725.091	724.763	Y21
I10	360.822	354.288	354.013	370.251	364.676	364.201	697.664	691.409	691.081	I20
A11	394.601	387.825	387.567	393.912	388.257	387.826	675.331	653.714	653.386	A19
Q12	427.281	421.411	421.261	438.113	432.284	432.015	635.710	630.035	629.707	Q10
G13	446.204	440.015	440.255	455.626	449.596	449.629	614.110			G17
G14	482.544	476.028	476.267	474.637	468.957	468.628	574.011	569.342	568.914	G16
V15	498.224	492.009	492.249	507.768	501.766	501.766	535.010	529.154	528.668	V19
L16	526.678	520.343	520.583	545.395	539.079	539.347	521.987	515.312	515.084	L14
P17	566.870	560.494	560.766	577.701	572.026	571.689	484.292	478.611	478.289	P13
N18	606.084	600.258	600.386	615.710	610.046	609.712	451.942	446.268	445.936	N15
L19	644.878	638.443	638.075	653.418	647.758	647.401	433.950	428.292	427.924	L17
Q20	686.705	681.189	681.115	696.345	690.421	690.093	376.215	370.567	370.228	Q10
A21	724.884	704.768	704.440	719.775	714.100	713.772	331.540	327.897	327.543	A19
V22	742.467	737.817	737.461	752.766	747.123	746.795	300.889	297.162	296.804	V19
L23	781.451	775.486	775.129	792.493	786.617	786.454	278.944	273.185	272.841	L17
L24	813.856	813.189	812.892	828.188	822.512	822.184	239.150	233.474	233.146	L16
P25	851.207	845.531	845.201	860.539	854.863	854.535	201.403	195.789	195.452	P15
K26	883.806	883.806	883.806	898.727	898.727	898.727	169.154	163.426	163.100	K14
K27	926.804	926.804	926.804	946.903	940.912	940.912	126.426	120.730	120.402	K15
T28	970.288	964.611	964.261	975.618	971.942	971.614	83.738	80.872	80.544	T12
E29	1013.556	1007.852	1007.267	1022.832	1018.056	1017.628	30.029	0.872	44.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=88.20
- ▶ F113279.dat
- ▶ query=q41551.p1
- ▶ precursor=771.723810
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	509.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1905.111	1889.092	1890.100	1888.086	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1661.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.874	1435.882	1433.866	P[13]
T[18]	1862.159	1383.810	1337.791	1338.799	1336.783	T[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=88.20
- ▶ F113279.dat
- ▶ query=q41551.p1
- ▶ precursor=771.723810
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	66.063	1542.450	1534.440	0.504	1533.936	L 26
N 2	123.084	1485.908	1477.898	1478.402	1477.354	N 26
K 3	187.132	1426.886	1426.877	1421.381	1420.373	K 27
L 4	243.674	1364.839	1356.820	1357.333	1356.325	L 26
L 5	300.216	1308.297	1300.287	1299.791	1299.783	L 25
G 6	358.726	1251.758	1243.749	1244.249	1243.241	G 24
K 7	406.789	1223.244	1215.234	1215.738	1214.731	K 23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V 22
T 9	506.846	1095.646	1087.637	1088.141	1087.133	T 21
I 10	563.390	1045.123	1037.113	1037.617	1036.609	I 20
A 11	608.608	988.581	980.571	981.075	980.067	A 19
Q 12	662.937	933.062	945.053	945.557	944.549	Q 18
G 13	691.448	889.033	881.023	881.527	880.519	G 17
G 14	719.959	860.522	852.513	853.017	852.009	G 16
V 15	769.493	832.011	824.002	824.506	823.498	V 15
L 16	826.035	782.477	774.468	774.972	773.964	L 14
F 17	874.561	725.935	717.926	718.430	717.422	F 13
N 18	913.583	677.409	669.399	669.903	668.895	N 12
I 19	968.125	626.367	618.358	618.862	617.854	I 11
Q 20	1052.154	563.845	555.836	556.340	555.332	Q 10
A 21	1087.673	499.616	491.607	492.110	491.102	A 9
V 22	1137.207	464.297	456.288	456.792	455.784	V 8
L 23	1193.749	414.763	406.754	407.258	406.250	L 7
L 24	1250.291	358.221	350.211	350.716	349.708	L 6
P 25	1298.817	301.679	293.670	294.174	293.166	P 5
K 26	1362.865	253.153	245.143	245.647	244.639	K 4
K 27	1426.912	189.105	181.096	181.600	180.592	K 3
T 28	1477.436	125.058	117.048	117.552	116.544	T 2
E 29	1541.958	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=88.20
- ▶ F113279.dat
- ▶ query=q41551.p1
- ▶ precursor=771.723810
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.960	L29
N2	82.392	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.587	945.923	947.251	K27
L4	162.795	910.228	904.889	905.225	904.553	L26
L5	200.479	872.533	867.194	867.530	866.858	L25
G6	219.487	834.838	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	638.710	633.371	633.707	633.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.292	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.098	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.548	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.861	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P5
K26	905.912	169.104	163.765	164.101	163.429	K4
K27	951.611	126.406	121.066	121.402	120.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.397	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.76
- ▶ F113279.dat
- ▶ query=q41552.p1
- ▶ precursor=617.580530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.865	L[20]
N[2]	245.161	2970.808	2954.789	2938.797	2953.781	N[20]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	488.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	699.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	836.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	912.572	2445.460	2429.442	2430.449	2428.434	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1768.116	1450.863	1434.844	1435.852	1433.836	F[13]
N[18]	1862.159	1383.819	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	808.513	813.509	813.509	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.249	490.257	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.76
- ▶ F113279.dat
- ▶ query=q41552.p1
- ▶ precursor=617.580530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1542.450	1536.440	0.504	1533.936	L[26]
N[2]	123.084	1485.908	1477.890	1478.402	1477.394	N[28]
K[3]	187.132	1426.886	1420.877	1421.381	1420.373	K[27]
L[4]	243.674	1364.839	1356.820	1357.333	1356.325	L[26]
L[5]	300.216	1308.297	1300.287	1300.791	1299.783	L[25]
G[6]	358.729	1251.755	1243.745	1244.249	1243.241	G[24]
K[7]	406.789	1223.244	1215.234	1215.738	1214.731	K[23]
V[8]	456.324	1145.181	1137.171	1137.675	1136.667	V[22]
T[9]	506.846	1095.646	1087.637	1088.141	1087.133	T[21]
I[10]	563.390	1045.123	1037.113	1037.617	1036.609	I[20]
A[11]	620.808	988.581	980.571	981.075	980.067	A[19]
Q[12]	662.937	933.060	925.050	925.554	924.546	Q[18]
G[13]	691.448	869.033	861.023	861.527	860.519	G[17]
G[14]	719.959	860.522	852.513	853.017	852.009	G[16]
V[15]	769.493	832.011	824.002	824.506	823.498	V[15]
L[16]	828.035	782.477	774.468	774.972	773.964	L[14]
T[17]	874.561	725.935	717.925	718.429	717.421	T[13]
N[18]	931.583	677.409	669.399	669.903	668.895	N[12]
I[19]	988.125	626.387	618.378	612.882	611.874	I[11]
Q[20]	1052.154	563.845	555.836	556.340	555.332	Q[10]
A[21]	1087.673	499.616	491.607	492.110	491.102	A[9]
V[22]	1137.207	464.297	456.288	456.792	455.784	V[8]
L[23]	1193.749	414.763	406.753	407.256	406.248	L[17]
L[24]	1250.291	358.221	350.211	350.715	349.707	L[6]
P[25]	1298.817	301.679	293.670	294.174	293.166	P[5]
K[26]	1362.885	253.153	245.143	245.647	244.639	K[4]
K[27]	1426.912	189.105	181.096	181.600	180.592	K[3]
T[28]	1477.436	125.058	117.049	117.552	116.544	T[2]
E[29]	1541.958	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=45.76
- ▶ F113279.dat
- ▶ query=q41552.p1
- ▶ precursor=617.580530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.035	1021.295	0.672	1022.960	L29
N2	82.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.925	947.587	947.251	947.251	K27
L4	183.785	910.228	904.889	905.225	904.553	L26
L5	230.479	872.531	867.194	867.530	866.858	L25
G6	219.487	834.839	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
Y9	338.234	730.767	725.427	725.763	725.091	Y21
V10	375.929	697.084	691.745	692.081	691.409	V20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	636.710	630.371	630.707	630.035	Q18
Q13	461.301	593.024	587.685	588.021	587.349	Q17
G14	480.308	574.017	568.678	569.013	568.343	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.292	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
T19	659.086	413.927	408.588	408.924	408.252	T11
Q20	701.772	376.231	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P5
K26	908.912	169.104	163.765	164.101	163.429	K4
K27	951.611	126.806	121.468	121.802	120.790	K3
L28	985.293	83.709	78.369	78.704	78.032	L2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

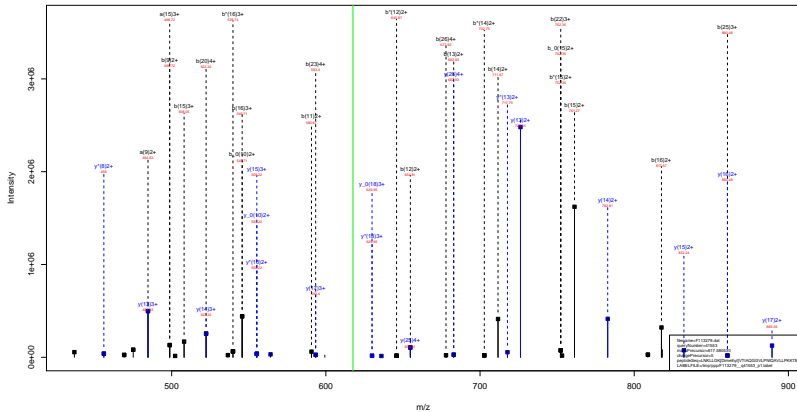
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=45.76
- ▶ F113279.dat
- ▶ query=q41552.p1
- ▶ precursor=617.580530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	333.95	771.726	767.756	0.756	767.412	L[29]
W[2]	62.046	743.491	739.453	739.705	739.201	N[26]
K[3]	94.069	714.947	710.962	711.194	710.690	K[27]
L[4]	122.540	682.923	678.918	679.170	678.666	L[26]
L[5]	150.611	654.652	650.647	650.899	650.395	L[25]
G[6]	164.867	626.381	622.376	622.628	622.124	G[24]
K[7]	203.898	612.126	608.121	608.373	607.869	K[23]
V[8]	228.665	573.094	569.089	569.341	568.837	V[22]
T[9]	253.927	648.327	644.322	644.574	644.070	T[21]
T[10]	262.198	623.065	619.060	619.312	618.808	T[20]
A[11]	299.958	694.795	690.789	691.041	690.537	A[19]
Q[12]	311.972	477.035	473.030	473.282	472.778	Q[18]
G[13]	346.228	445.020	441.015	441.267	440.763	G[17]
G[14]	360.483	430.765	426.760	427.012	426.508	G[16]
V[15]	385.290	416.509	412.504	412.757	412.253	V[15]
L[16]	413.521	391.742	387.737	387.989	387.486	L[14]
P[17]	437.784	363.471	359.466	359.718	359.215	P[13]
N[18]	466.295	339.208	335.203	335.455	334.951	N[12]
T[19]	494.566	310.697	306.693	306.945	306.441	T[11]
Q[20]	536.581	282.426	278.422	278.673	278.170	Q[10]
A[21]	544.340	250.412	246.407	246.659	246.155	A[9]
V[22]	569.107	232.652	228.648	228.900	228.396	V[8]
L[23]	597.178	207.885	203.881	204.132	203.629	L[7]
L[24]	625.649	179.614	175.609	175.861	175.358	L[6]
P[25]	649.912	151.343	147.338	147.590	147.087	P[5]
K[26]	681.936	127.080	123.075	123.327	122.823	K[4]
K[27]	713.960	95.056	91.052	91.304	90.800	K[3]
T[28]	739.222	63.032	59.028	59.280	58.776	T[2]
E[29]	771.482	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.06
- ▶ F113279.dat
- ▶ query=q41553.p1
- ▶ precursor=617.580530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L11	88.868	0.000	1.000	114.091	0.000	0.000	1063.893	1069.899	1063.893	L12G
K12	2003.199	103.113	0.000	2205.134	231.108	0.000	2070.820	2195.178	2092.797	K12G
K13	626.634	61.120	0.000	366.273	330.203	0.000	266.160	2839.738	2836.754	K12T
L14	641.518	624.202	0.000	468.312	462.287	0.000	2128.810	2111.643	2110.608	L12G
L15	254.402	217.478	0.000	266.394	266.374	0.000	2615.260	2700.263	2699.278	L12S
Q16	81.1424	104.397	0.000	808.418	822.362	0.000	2002.200	2140.475	2144.461	Q124
K17	187.550	193.524	0.000	195.545	178.519	0.000	2443.480	2420.454	2427.470	K12S
V18	816.818	809.362	0.000	804.813	817.267	0.000	2309.261	2272.237	2271.243	V12S
V19	107.008	100.660	849.658	995.061	1018.035	877.051	2190.205	2115.205	2112.215	V121
I20	1080.970	1063.124	1062.140	1108.749	1091.719	1090.719	2089.238	2072.211	2071.227	I20S
A111	1151.087	1154.103	1132.717	1174.362	1162.290	1161.272	1406.124	1404.127	1404.143	A11S
Q112	1219.096	1262.619	1261.821	1301.484	1296.014	1295.028	1920.117	1899.096	1898.108	Q11S
Q113	1308.867	1313.884	1318.891	1324.963	1347.834	1346.852	1777.020	1769.013	1768.024	Q11T
G14	1383.889	1376.882	1375.871	1421.884	1404.867	1403.873	1721.037	1703.010	1702.032	G11S
V15	1402.877	1419.818	1414.866	1428.823	1403.806	1402.849	1681.019	1643.989	1642.995	V11S
L116	1306.041	1309.013	1308.011	1304.035	1317.010	1316.026	1363.947	1349.920	1345.896	L114
P117	1103.094	1098.098	1085.084	1111.089	1114.081	1113.079	1440.863	1413.838	1412.852	P113
M181	1017.437	1005.111	1000.127	1045.132	1028.105	1027.121	1383.810	1338.783	1335.799	M11S
T111	1009.071	1013.065	1012.051	1009.058	1004.106	1003.095	1329.780	1222.741	1221.757	T111
Q111	1006.000	1011.263	1000.251	1009.275	1004.248	1003.264	1126.400	1119.955	1118.971	Q110
A111	1110.117	1112.089	1111.300	1115.112	1110.100	1110.100	1001.821	981.589	980.814	A111
V122	1218.068	1211.369	1210.378	1209.388	1208.354	1207.318	1007.889	1011.361	1008.877	V111
L121	1241.499	1234.483	1233.470	1230.464	1232.438	1231.424	828.519	811.462	810.538	L11T
L124	2434.631	2437.327	2436.345	2442.548	2445.622	2444.638	715.430	688.408	687.424	L11S
P125	2051.606	2054.580	2053.590	2079.601	2062.675	2061.591	682.351	365.324	364.340	P11S
K126	2076.702	2071.671	2066.660	2110.688	2086.619	2085.606	600.465	448.275	447.291	K114
K127	2087.196	2080.710	2078.708	2085.701	2081.194	2081.190	317.201	306.177	305.163	K11S
L129	1008.814	1001.817	1000.831	1006.839	1018.812	1017.808	248.108	0.000	231.008	L11S
L121	1017.808	1003.802	1019.819	1009.801	1046.824	1047.811	148.000	0.000	130.000	L111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=45.06
- ▶ F113279.dat
- ▶ query=q41553.p1
- ▶ precursor=617.580530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	43.552	0.561	0.561	31.549	0.504	0.504	1262.201	3333.338	3333.344	L28
R1	100.573	92.080	0.504	114.571	106.077	0.504	1485.931	2477.304	2476.302	R26
K1	184.621	156.438	0.504	178.618	170.405	0.504	1428.886	4420.371	4419.881	K27
L4	251.583	214.658	0.504	235.160	226.947	0.504	1384.833	2486.325	2485.331	L26
L5	277.678	238.102	0.504	261.162	252.948	0.504	1338.201	2426.183	2425.201	L25
G6	308.118	267.102	0.504	300.213	291.998	0.504	1291.701	1243.343	1242.348	G24
K7	384.719	316.105	0.504	388.212	380.001	0.504	1223.241	1214.731	1214.739	K25
V8	413.119	405.363	0.504	441.613	432.367	0.504	1185.181	1136.881	1136.878	V22
Y9	484.337	475.523	475.331	498.334	489.521	489.329	1059.045	1087.133	1088.041	Y21
I10	540.878	532.309	531.874	554.876	546.301	545.871	1045.121	2038.809	2038.117	I20
A11	616.587	587.854	587.382	590.395	581.827	581.355	980.161	980.161	979.215	A19
Q12	660.277	611.513	611.521	554.424	645.311	645.419	953.001	884.584	884.578	Q10
G13	688.577	660.504	660.512	687.935	674.522	674.531	889.031	889.513	889.507	G17
G14	689.448	688.935	688.441	711.446	702.932	702.440	860.522	862.039	861.517	G16
V15	746.803	738.349	737.871	760.360	752.467	751.974	821.911	823.488	823.008	V19
L16	803.524	795.111	794.513	817.522	809.009	808.517	782.477	773.064	773.472	L14
P17	852.851	843.137	843.048	866.048	857.635	857.643	725.935	717.422	716.930	P13
M18	908.672	895.559	895.087	924.072	914.558	914.564	617.054	868.895	868.403	M12
T19	960.414	947.401	946.900	976.412	967.398	967.406	601.005	913.874	913.382	T11
Q20	1009.844	1002.130	1002.030	1043.841	1035.128	1034.939	563.845	555.332	554.840	Q10
A21	1062.182	1055.669	1055.157	1097.180	1088.666	1088.674	488.811	781	488.811	A10
V22	1114.896	1107.381	1107.881	1122.894	1114.380	1114.888	489.289	455.784	455.292	V10
L23	1171.428	1162.725	1162.231	1185.225	1176.722	1176.230	414.751	405.252	405.758	L17
L24	1227.480	1218.281	1218.776	1244.778	1235.385	1235.773	388.221	348.708	349.216	L16
P25	1276.507	1267.703	1267.301	1290.304	1281.791	1281.299	381.670	263.168	262.674	P15
K26	1340.204	1331.841	1331.360	1354.363	1345.850	1345.858	263.151	244.839	244.344	K14
R27	1404.402	1395.588	1395.300	1418.300	1409.888	1409.394	189.110	189.561	189.100	R13
L28	1464.926	1449.412	1449.560	1488.562	1480.049	1480.057	126.802	0.504	116.312	L12
E29	1519.447	1511.934	1511.440	1533.444	1524.931	1524.439	74.531	0.504	85.039	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=45.06
- ▶ F113279.dat
- ▶ query=q41553.p1
- ▶ precursor=617.580530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	l	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	28	1718	0.872	8972	58	102	0.872	0.872	1028.033	1022.999	L28
K1	97	585	81.730	0.872	78.715	71.041	0.872	962.941	965.265	964.921	K28
K1	110	681	104.407	0.872	114.413	113.739	0.872	952.520	947.251	946.921	K27
L1	147	778	124.125	0.872	157.109	151.434	0.872	940.228	944.503	944.225	L28
L1	158	874	174.907	0.872	184.894	188.128	0.872	812.521	806.852	806.738	L25
G1	204	478	100.004	0.872	123.811	108.138	0.872	824.839	826.183	826.931	G24
K1	258	522	201.008	0.872	205.853	200.178	0.872	813.832	810.158	809.828	K22
V1	268	544	203.869	0.872	208.878	204.301	0.872	783.729	788.114	787.709	V22
V1	323	227	317.551	317.221	333.505	328.883	326.505	730.767	725.091	724.763	V21
I1	360	822	325.288	324.918	319.251	384.878	384.289	687.084	681.408	681.081	I20
A1	384	601	378.825	378.567	373.919	388.257	387.826	659.388	653.714	653.288	A19
Q1	427	281	421.411	421.261	436.818	430.184	430.818	635.710	630.035	629.767	Q10
G1	448	524	480.812	480.251	485.826	448.568	449.822	581.024	584.274	587.021	G17
G1	452	508	459.828	459.287	474.833	468.957	480.828	574.101	569.382	568.114	G16
V1	498.124	489.828	489.521	507.856	501.980	491.828	535.810	549.184	548.609	548.609	V15
L1	536.019	530.583	530.013	545.350	539.875	539.347	521.987	535.312	535.084	534.814	L14
P1	566.870	564.494	562.960	567.701	572.826	571.488	484.292	478.611	478.289	478.289	P13
N1	608.184	605.708	604.380	615.718	621.048	620.712	481.942	444.268	445.036	445.036	N12
T1	644.878	638.483	638.013	643.518	648.748	647.409	413.891	408.292	408.044	408.044	T11
Q1	686.705	681.189	680.751	685.988	690.421	690.013	376.251	375.507	375.228	375.228	Q10
A1	712.414	704.788	704.448	709.688	714.102	713.772	331.548	327.891	327.942	327.942	A10
V1	742.889	737.417	737.489	752.780	747.124	746.788	389.889	384.182	383.854	383.854	V10
L2	781.161	775.488	775.158	780.993	784.817	784.489	278.844	277.185	276.941	276.941	L17
L2	818.856	813.189	812.858	828.188	822.812	822.484	238.188	237.474	237.146	237.146	L16
P1	851.207	845.531	845.201	860.539	854.863	854.535	281.483	198.788	198.452	198.452	P15
K1	883.888	878.212	877.882	893.918	888.242	887.914	188.188	187.480	187.144	187.144	K14
K2	916.654	910.978	910.650	945.915	940.289	939.912	126.480	125.732	125.402	125.402	K13
L2	950.288	944.611	944.281	979.813	974.187	973.814	81.718	81.872	81.872	81.872	L12
L2	1013.188	1007.512	1007.201	1022.832	1016.958	1016.628	381.028	381.872	381.872	381.872	L10

sp | Q6GSS7 | H2A2A_MOUSE

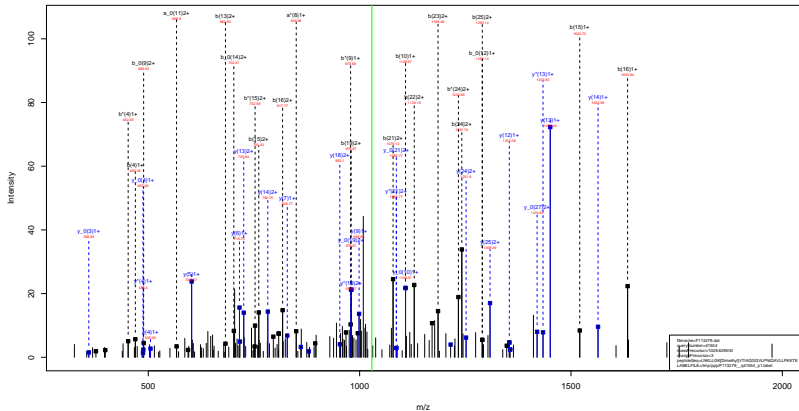
LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=45.06
- ▶ F113279.dat
- ▶ query=q41553.p1
- ▶ precursor=617.580530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a.0	b	b*	b.0	y	y*	y.0	AA
L1	222860	0.755	0.750	292720	0.755	0.750	771.720	787.472	667.220	L20
N2	50.790	46.534	0.755	57.780	53.532	0.755	143.457	7.39.201	738.955	N38
R3	28.874	78.857	0.750	30.811	86.856	0.750	719.349	719.666	719.444	R27
L4	111.085	108.626	0.755	113.084	113.827	0.755	682.923	678.666	678.420	L26
L5	138.908	135.099	0.750	144.325	142.898	0.750	654.652	650.309	650.149	L25
G6	155.611	149.375	0.755	160.639	156.354	0.755	626.381	622.124	621.876	G24
R7	162.943	158.208	0.750	168.643	166.385	0.750	612.126	607.869	607.621	R33
V8	177.410	173.153	0.750	179.450	178.152	0.750	571.960	568.827	568.570	V22
T9	242.672	238.415	238.100	248.671	246.414	246.100	548.323	544.070	543.824	T01
D10	270.943	266.686	266.440	277.942	273.685	273.439	523.050	518.803	518.552	D20
A11	286.702	284.446	284.200	295.701	291.444	291.188	484.794	480.537	480.291	A19
G12	330.731	318.466	318.219	327.730	323.459	323.213	477.431	472.178	472.018	G18
G13	334.972	330.716	330.470	341.971	337.714	337.468	445.020	440.763	440.517	G17
G14	349.229	344.971	344.725	356.228	351.970	351.724	430.765	426.508	426.252	G16
V15	373.995	369.738	369.492	384.994	376.737	376.491	416.500	412.253	412.007	V15
L16	402.266	398.009	397.763	409.265	405.008	404.762	381.742	378.485	378.240	L14
P17	426.529	422.272	422.026	433.528	429.271	429.025	363.471	359.215	358.969	P13
N18	450.040	450.783	450.537	462.039	462.782	462.536	339.200	334.943	334.700	N12
R19	463.311	479.054	478.808	490.309	486.053	485.807	310.697	306.441	306.195	R11
L20	515.329	511.080	510.834	522.324	518.067	517.821	282.429	278.170	277.924	L24
A21	533.085	528.828	528.582	540.083	535.827	535.581	250.411	246.155	245.909	A15
V22	557.852	553.595	553.349	564.851	560.594	560.348	232.652	228.396	228.150	V18
L23	586.123	581.866	581.620	593.122	588.865	588.619	207.895	203.639	203.393	L17
L24	614.394	610.137	609.891	623.393	617.136	616.890	179.611	175.355	175.112	L16
R25	638.924	634.667	634.421	645.656	641.400	641.154	151.343	147.087	146.843	R19
R26	670.681	666.424	666.178	677.679	673.423	673.177	127.080	122.823	122.577	R14
K27	702.704	698.447	698.201	708.703	705.447	705.201	95.050	90.800	90.554	K18
T28	727.966	723.710	723.464	734.965	730.708	730.462	63.032	0.755	68.530	T12
E29	780.227	785.970	785.724	787.228	782.969	782.723	37.770	0.750	33.268	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=32.73
- ▶ F113279.dat
- ▶ query=q41554_p1
- ▶ precursor=1028.629500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	y	y*	y,β	AA
L1	30.000	30.000	0.000	114.081	0.000	0.000	300.891	300.891	300.891	L129
N1	30.000	30.000	0.000	114.081	0.000	0.000	270.891	270.891	270.891	N130
K1	329.258	311.258	0.000	306.229	339.229	0.000	2876.793	2876.793	2876.794	K127
L14	411.338	429.260	0.000	409.213	452.207	0.000	2720.870	2711.863	2720.859	L128
L15	414.440	431.000	0.000	422.187	465.181	0.000	2635.981	2668.509	2637.019	L125
G1	511.424	594.387	0.000	539.419	622.352	0.000	2550.922	2487.473	2484.461	G124
K1	587.480	700.212	0.000	735.545	878.619	0.000	2445.468	2428.454	2427.470	K123
V1	626.514	849.592	0.000	894.615	1077.674	0.000	2280.954	2272.929	2271.943	V122
L18	867.616	980.699	0.000	935.504	978.435	0.000	197.611	2490.909	2492.894	L121
L16	1008.709	1081.778	100.748	1108.745	1081.719	100.719	3088.719	3079.711	3079.727	L120
A11	1155.797	1134.792	1133.777	1179.792	1159.792	1149.792	3496.792	3496.792	3496.792	A119
G13	1278.406	1300.816	1298.416	1307.816	1299.816	1289.816	1289.816	1959.816	1959.816	G118
G19	1336.389	1319.814	1318.817	1364.817	1347.816	1340.817	3777.816	1760.816	1760.816	G117
G14	1393.389	1376.812	1375.816	1421.816	1404.817	1403.817	3720.817	1760.816	1760.816	G116
V15	1492.400	1470.813	1469.816	1520.817	1503.816	1502.817	1959.816	1648.816	1648.816	V115
L19	1609.384	1590.811	1589.814	1634.816	1617.815	1616.816	1561.847	1548.815	1548.815	L114
P17	1613.389	1596.810	1595.814	1713.815	1714.815	1713.815	1450.863	1431.839	1432.852	P113
N18	1617.384	1600.811	1599.814	1656.815	1639.816	1638.816	1351.818	1338.817	1339.830	N112
L16	1659.384	1643.810	1642.813	1688.813	1671.814	1670.814	1944.814	1922.813	1923.827	L111
Q10	1659.389	1643.810	1642.813	1688.813	1671.814	1670.814	3081.814	1199.814	1108.872	Q110
A12	1719.384	1703.810	1702.813	1746.813	1729.814	1728.814	908.824	887.813	888.844	A10
V12	2226.380	2211.810	2210.813	2256.813	2239.814	2238.814	3226.814	3226.814	3226.814	V10
L12	2341.400	2326.844	2325.849	2368.844	2351.845	2350.844	2331.844	111.492	110.508	L107
L14	2454.400	2439.842	2438.845	2480.845	2463.846	2462.845	2443.845	108.408	107.424	L108
P10	2514.416	2499.850	2498.853	2539.853	2522.854	2521.853	715.438	693.427	694.442	P10
K10	2574.416	2559.851	2558.854	2601.854	2584.855	2583.854	505.298	488.271	487.287	K14
K17	2697.400	2682.840	2681.843	2733.843	2716.844	2715.843	267.253	196.177	195.193	K13
L10	2708.400	2693.841	2692.844	2743.844	2726.845	2725.844	268.844	197.769	198.783	L10
E10	2817.400	2802.841	2801.844	2853.844	2836.845	2835.844	148.000	0.000	0.000	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=32.73
- ▶ F113279.dat
- ▶ query=q41554_p1
- ▶ precursor=1028.629500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA	
L1	43.502	0.504	43.004	37.549	0.504	3.524	1547.450	1531.930	1533.444	L29	
K1	109.073	0.504	108.574	116.874	0.504	3.524	1480.900	1477.374	1478.888	K30	
K1	184.521	0.504	184.024	170.633	0.504	3.524	1430.850	1427.324	1428.838	K22	
L14	241.183	0.504	240.684	210.180	0.504	3.524	1387.830	1384.304	1385.818	L26	
L15	277.058	0.504	276.564	247.920	0.504	3.524	1340.290	1336.764	1338.278	L25	
G1	308.258	0.504	307.764	282.213	0.504	3.524	1298.290	1294.764	1296.278	G24	
K1	384.270	375.765	383.774	346.270	0.504	3.524	1252.144	1214.731	1216.245	K23	
V1	443.013	425.200	442.514	447.010	0.504	3.524	1140.510	1136.984	1138.498	V22	
L19	468.719	479.802	468.224	486.804	0.504	3.524	486.320	1099.814	1107.133	1108.047	F121
L16	540.870	534.300	539.874	504.870	0.504	3.524	1048.914	1045.388	1046.902	L20	
A11	576.587	567.050	567.392	590.585	0.504	3.524	1002.768	999.242	999.067	999.575	A16
G12	646.877	633.613	643.874	654.624	0.504	3.524	930.419	931.062	931.576	G18	
G13	648.837	660.424	668.833	662.935	0.504	3.524	893.930	890.404	890.027	G17	
G14	697.448	680.800	696.444	717.440	0.504	3.524	702.480	666.522	667.036	G16	
V15	746.900	738.400	745.904	746.900	752.947	751.914	630.910	627.384	628.898	V10	
L18	801.524	793.024	798.510	817.522	809.000	808.517	702.477	713.964	715.472	L14	
P17	867.051	841.530	865.048	880.048	0.504	3.524	667.264	725.935	717.422	716.930	P13
L11	907.072	880.500	906.574	920.500	0.504	3.524	621.264	617.738	618.752	L12	
L10	955.914	937.100	956.800	979.812	0.504	3.524	560.800	557.274	558.288	L11	
G20	1009.844	981.100	1008.730	1020.100	0.504	3.524	500.340	496.814	497.828	G15	
K21	1068.124	1035.100	1067.110	1079.140	0.504	3.524	440.880	437.354	438.368	K18	
V22	1114.966	1100.100	1105.866	1126.694	0.504	3.524	381.420	404.250	405.758	V18	
L23	1171.238	1160.200	1161.233	1185.236	0.504	3.524	321.960	414.790	406.290	408.798	L17
L14	1227.080	1210.200	1216.770	1241.770	1233.265	1232.770	262.500	380.210	381.718	L10	
P26	1276.370	1257.700	1278.402	1291.304	0.504	3.524	203.040	303.870	305.378	306.886	P20
K26	1461.074	1431.600	1431.944	1354.352	0.504	3.524	145.580	253.110	244.610	244.544	K14
K27	1504.402	1470.800	1470.560	1470.560	0.504	3.524	100.120	180.500	180.000	K13	
L26	1562.976	1540.000	1540.964	1540.964	0.504	3.524	49.660	140.900	140.400	L16	
E29	1531.447	1500.800	1531.444	1531.444	0.504	3.524	44.400	114.500	114.000	E11	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.59
- ▶ F113279.dat
- ▶ query=q41555.p1
- ▶ precursor=617.580630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	131.119	3083.892	3067.873	9.000	3066.865	L129
N1	245.161	3970.808	2954.789	2955.797	2953.781	N20
K1	373.256	3856.705	2840.746	2841.754	2839.738	K27
L1	489.340	3728.670	2712.653	2713.659	2711.643	L26
L1	599.424	3615.588	2599.567	2600.575	2598.559	L25
G1	658.445	3502.502	2480.483	2481.491	2479.475	G24
K1	812.572	3345.480	2420.462	2420.469	2420.454	K23
V1	911.640	2289.954	2273.935	2274.943	2272.927	V22
F1	1012.688	2100.286	2174.267	2175.275	2173.259	F21
T1	1125.772	2089.238	2073.219	2074.227	2072.211	T20
A1	1196.809	1978.154	1960.135	1961.143	1959.127	A19
Q1	1324.867	1905.111	1889.093	1890.101	1889.085	Q18
G1	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G1	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V1	1537.979	1663.015	1646.997	1648.004	1645.989	V15
L1	1651.063	1563.947	1547.928	1548.936	1546.920	L14
F1	1788.318	1450.863	1434.844	1435.852	1433.836	F13
N1	1862.159	1353.610	1337.791	1338.799	1336.783	N12
I1	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q1	2163.301	1126.683	1110.664	1111.672	1109.656	Q10
A1	2174.338	998.624	982.606	983.614	981.598	A10
V1	2273.407	927.567	911.560	912.576	910.561	V9
L1	2388.493	828.519	812.500	813.508	811.492	L17
L1	2499.575	715.435	699.416	700.424	698.408	L16
P1	2596.628	602.351	586.332	587.340	585.324	P15
K1	2724.723	505.290	489.279	490.287	488.271	K14
K1	2852.818	377.203	361.184	362.192	360.177	K13
T1	2953.885	249.108	233.089	234.097	232.082	T12
E1	3062.968	148.060	132.042	133.050	131.034	E11

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LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.59
- ▶ F113279.dat
- ▶ query=q41555.p1
- ▶ precursor=617.580630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.063	1542.450	1534.440	0.504	1533.936	L126
N1	123.084	1485.908	1477.898	1478.402	1477.394	N128
K1	187.132	1426.886	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1356.829	1357.333	1356.325	L126
L1	300.216	1308.297	1299.288	1299.791	1299.783	L125
G1	358.729	1251.755	1243.745	1244.249	1243.241	G124
K1	406.789	1223.244	1215.235	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
T1	506.848	1095.646	1087.637	1088.141	1087.133	T121
T1	563.390	1045.123	1037.113	1037.617	1036.609	T120
A1	620.908	998.581	990.571	991.075	990.067	A119
Q1	662.537	953.060	945.053	945.557	944.549	Q118
G1	691.448	889.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.513	853.017	852.009	G116
V1	769.493	832.011	824.002	824.506	823.498	V115
L1	826.035	782.477	774.468	774.972	773.964	L114
T1	884.581	725.935	717.926	718.430	717.422	T113
N1	931.983	677.409	669.399	669.903	668.895	N112
I1	988.125	626.387	618.378	618.882	617.874	I111
Q1	1052.154	563.845	555.836	556.340	555.332	Q110
A1	1087.673	499.816	491.807	492.310	491.302	A109
V1	1137.207	464.297	456.288	456.792	455.784	V108
L1	1183.749	414.763	406.754	407.258	406.250	L107
L1	1260.291	358.221	350.211	350.715	349.707	L106
P1	1298.817	301.679	293.670	294.174	293.166	P105
K1	1362.865	253.153	245.143	245.647	244.639	K104
K1	1426.912	189.105	181.096	181.600	180.592	K103
T1	1477.436	125.058	117.049	117.552	116.544	T102
E1	1541.959	74.534	66.524	67.028	66.021	E101

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.59
- ▶ F113279.dat
- ▶ query=q41555.p1
- ▶ precursor=617.580630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.960	L29
N2	82.392	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.587	947.923	947.251	K27
L4	162.795	910.228	904.889	905.225	904.553	L26
L5	200.479	872.533	867.194	861.853	866.858	L25
G6	219.487	834.839	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.952	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	638.710	633.371	633.707	633.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.292	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.098	413.927	408.588	408.924	408.252	I11
Q10	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.548	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
P25	869.234	201.455	196.116	196.451	195.780	P9
K26	908.812	169.104	163.765	164.101	163.429	K4
K27	951.611	126.400	121.060	121.402	120.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.397	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

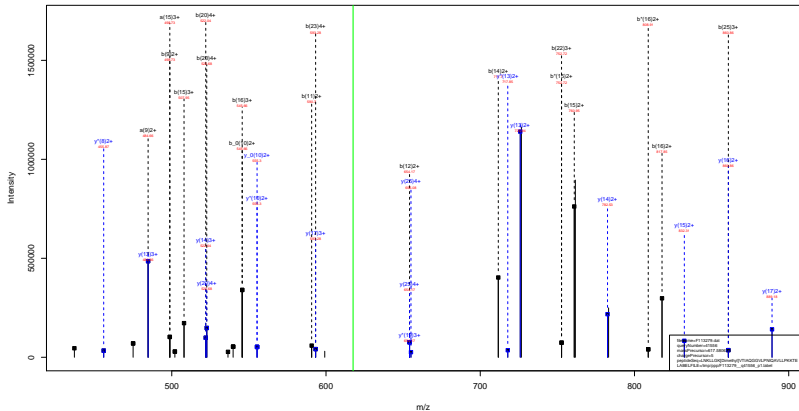
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=76.59
- ▶ F113279.dat
- ▶ query=q41555_p1
- ▶ precursor=617.580630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	333.35	771.728	787.754	0.758	787.412	L[29]
N[2]	82.046	743.481	739.453	739.705	739.201	N[26]
K[3]	94.059	714.947	710.942	711.194	710.690	K[27]
L[4]	122.540	582.923	678.918	679.170	678.666	L[26]
L[5]	150.611	654.652	650.647	650.899	650.395	L[25]
G[6]	164.867	626.381	622.376	622.628	622.124	G[24]
K[7]	203.898	612.126	608.121	608.373	607.869	K[23]
V[8]	228.665	573.094	569.089	569.341	568.837	V[22]
T[9]	253.927	648.327	544.322	544.574	544.070	T[21]
T[10]	262.198	523.065	519.060	519.312	518.808	T[20]
A[11]	299.958	494.795	490.789	491.041	490.537	A[19]
Q[12]	311.972	477.035	473.030	473.282	472.778	Q[18]
G[13]	346.228	445.020	441.015	441.267	440.763	G[17]
G[14]	360.483	430.765	426.760	427.012	426.508	G[16]
V[15]	385.250	416.509	412.504	412.757	412.253	V[15]
L[16]	413.521	391.742	387.737	387.989	387.486	L[14]
P[17]	437.784	363.471	359.466	359.718	359.215	P[13]
N[18]	466.295	339.208	335.203	335.455	334.951	N[12]
T[19]	494.566	310.697	306.693	306.945	306.441	T[11]
Q[20]	536.581	282.426	278.422	278.673	278.170	Q[10]
A[21]	544.340	250.412	246.407	246.659	246.155	A[9]
V[22]	569.107	232.652	228.648	228.900	228.396	V[8]
L[23]	597.178	207.885	203.881	204.132	203.629	L[7]
L[24]	625.649	179.614	175.609	175.861	175.358	L[6]
P[25]	649.912	151.343	147.338	147.590	147.087	P[5]
K[26]	681.936	127.080	123.075	123.327	122.823	K[4]
K[27]	713.960	95.056	91.052	91.304	90.800	K[3]
T[28]	739.222	63.032	59.028	59.280	58.776	T[2]
E[29]	771.482	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=33.29
- ▶ F113279.dat
- ▶ query=q41556.p1
- ▶ precursor=617.580630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	88.008	0.000	1.000	114.091	0.000	0.000	1063.893	1069.899	1063.893	L128
K12	2003.199	103.113	0.000	2205.134	231.108	0.000	2070.820	2195.178	2092.797	K126
K13	626.034	61.120	0.000	366.223	330.203	0.000	266.165	2839.738	2836.754	K127
L14	441.518	424.202	0.000	466.511	452.287	0.000	2128.810	2111.643	2110.688	L126
L15	254.402	217.478	0.000	262.361	246.374	0.000	2615.260	2166.263	2099.478	L125
Q16	81.1424	584.397	0.000	608.418	622.362	0.000	2002.200	2148.475	2144.461	Q124
K17	187.550	703.524	0.000	705.545	778.519	0.000	2443.480	2420.454	2427.470	K123
V18	816.018	809.382	0.000	808.411	817.387	0.000	2309.261	2172.237	2171.263	V122
V19	167.008	160.680	849.658	165.665	168.635	877.651	2190.205	2115.205	2112.215	V121
I20	1080.970	1063.124	1062.140	1108.743	1091.719	1090.719	2089.238	2072.211	2071.227	I20
A11	1151.087	1154.053	1133.717	1174.262	1162.290	1161.272	1405.124	1404.127	1404.143	A10
Q12	1219.098	1262.019	1261.821	1301.884	1296.814	1295.820	1305.111	1300.096	1298.108	Q10
G13	1308.867	1313.884	1318.870	1324.862	1347.838	1346.852	1377.020	1369.013	1368.044	G17
G14	1383.889	1376.882	1375.871	1421.884	1404.867	1403.873	1721.037	1703.010	1702.032	G16
V15	1402.877	1479.818	1474.866	1520.821	1503.806	1502.849	1681.019	1643.989	1642.999	V19
L16	1306.041	1309.013	1308.011	1354.026	1337.010	1336.026	1353.947	1349.920	1345.916	L14
P17	1703.094	1698.090	1685.084	1711.089	1714.081	1713.079	1440.863	1443.838	1432.852	P13
M18	1817.437	1805.111	1790.127	1845.132	1828.105	1827.121	1383.810	1338.763	1335.799	M15
T19	1009.071	1013.065	1012.051	1039.058	1041.066	1040.065	1329.780	1322.741	1321.751	T11
Q10	2006.200	2041.203	2040.201	2099.215	2084.248	2083.264	1126.400	1119.395	1118.377	Q10
A11	1170.517	1172.509	1171.500	1175.512	1174.500	1173.501	868.624	867.589	867.614	A10
V15	1218.608	1211.597	1210.589	1219.598	1218.584	1218.591	867.589	867.581	868.577	V10
L12	2241.499	2224.483	2223.470	2269.484	2252.458	2251.454	828.513	811.492	810.508	L17
L14	2454.653	2437.627	2436.545	2482.548	2465.522	2464.538	715.430	688.408	687.424	L16
P16	2051.606	2034.580	2033.590	2079.601	2062.575	2061.561	682.351	385.324	384.340	P15
L14	2078.702	2061.673	2060.680	2110.688	2093.619	2092.630	682.351	488.275	487.287	L14
K17	2007.196	2000.710	2000.708	2055.701	2038.194	2037.189	371.201	366.177	366.193	K15
L12	1808.874	1801.817	1800.831	1806.839	1818.812	1817.820	248.108	0.000	251.088	L12
L14	1017.808	1015.802	1014.810	1019.810	1040.824	1047.811	148.000	0.000	130.000	L12

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=33.29
- ▶ F113279.dat
- ▶ query=q41556.p1
- ▶ precursor=617.580630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA
L1	43.552	0.564	7.501	31.549	0.504	0.504	1262.291	3333.139	3333.144	L26
R1	100.573	92.080	0.504	114.571	106.077	0.504	1485.903	2477.904	2476.902	R26
K1	184.621	156.439	0.504	178.618	170.030	0.504	1428.886	2420.371	2419.081	K27
L4	251.583	214.658	0.504	235.160	226.647	0.504	1384.833	2366.325	2365.031	L26
L5	277.078	236.102	0.504	251.162	242.188	0.504	1336.291	2309.183	2308.294	L25
G6	306.418	267.102	0.504	300.213	291.168	0.504	1291.701	2263.343	2262.148	G24
R7	384.270	316.705	0.504	388.070	380.763	0.504	1223.241	2124.731	2124.239	R25
V6	413.113	405.363	0.504	441.613	432.267	0.504	1183.181	2136.661	2136.176	V22
Y9	484.337	475.523	475.331	498.334	489.921	489.520	1059.045	1987.133	1986.941	Y21
I10	540.878	532.309	531.871	554.876	546.381	545.871	1045.121	2038.609	2038.117	I20
A11	626.597	587.854	587.382	590.395	581.682	581.390	988.581	1980.881	1979.575	A19
Q13	660.277	611.513	611.542	654.424	645.011	645.410	953.910	1944.964	1944.270	Q10
G13	666.577	604.924	604.924	674.522	667.100	669.631	985.513	1984.027	1983.027	G17
G14	687.448	688.935	688.441	711.446	705.422	702.480	860.522	1852.039	1851.517	G16
V15	748.833	748.849	747.891	768.300	752.467	751.918	822.911	1827.488	1826.938	V15
L16	803.524	795.111	794.513	817.522	809.069	808.517	782.477	1773.984	1773.472	L14
P17	852.851	843.137	843.048	866.048	857.635	857.643	725.915	717.422	1716.630	P13
R18	909.672	895.559	895.087	924.070	914.958	914.654	637.482	1668.895	1668.403	R15
L19	968.814	957.491	956.960	976.812	967.366	967.665	568.360	1613.874	1613.382	L17
Q20	1009.844	1002.130	1000.630	1034.941	1025.128	1024.930	593.955	555.332	554.840	Q10
A21	1082.782	1065.669	1064.157	1099.180	1091.048	1091.124	488.811	1501	1499.811	A19
V22	1114.896	1108.181	1106.669	1122.894	1114.680	1114.848	488.289	455.784	1455.282	V19
L23	1171.238	1162.725	1162.251	1185.226	1176.722	1176.230	414.791	1405.252	1405.758	L19
L24	1227.480	1218.281	1218.770	1241.778	1233.385	1233.773	358.221	1348.708	1348.216	L16
P25	1276.507	1267.793	1267.301	1290.304	1281.791	1281.259	381.670	1263.168	1262.674	P15
L26	1340.294	1331.841	1331.369	1354.362	1345.818	1345.346	283.911	1244.939	1244.144	L14
R27	1404.402	1395.588	1395.390	1418.390	1409.898	1409.394	189.110	1185.561	1185.100	R15
L29	1454.926	1446.412	1445.920	1468.921	1460.410	1460.912	126.850	1116.162	1115.712	L12
E29	1519.447	1510.934	1510.440	1533.444	1524.931	1524.432	74.539	1104	1099.539	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=33.29
- ▶ F113279.dat
- ▶ query=q41556.p1
- ▶ precursor=617.580630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA
L1	28.719	0.072	0.072	58.102	0.072	0.072	1033.031	1022.966	1022.892	L26
K2	67.585	61.700	0.072	78.715	71.041	0.072	960.941	965.265	964.921	K26
K3	110.681	104.407	0.072	119.411	113.739	0.072	952.520	947.251	946.921	K27
L4	147.778	142.125	0.072	157.109	151.434	0.072	940.228	934.503	934.225	L26
L5	188.874	179.497	0.072	194.884	189.128	0.072	912.521	906.825	906.578	L25
Q6	204.478	198.004	0.072	213.811	208.138	0.072	894.839	889.163	888.931	Q24
K7	258.522	250.908	0.072	265.831	260.178	0.072	811.832	810.158	809.820	K22
V6	289.044	281.869	0.072	298.878	293.301	0.072	781.798	780.114	779.788	V22
V9	323.227	317.551	0.072	337.221	332.595	0.072	750.505	748.767	748.461	V21
L10	360.822	355.288	0.072	370.251	364.878	0.072	697.084	691.409	691.081	L20
A11	384.601	378.825	0.072	393.257	388.257	0.072	657.626	652.380	652.089	A19
Q12	427.288	421.411	0.072	436.818	430.984	0.072	609.615	605.719	605.428	Q10
G13	446.204	440.015	0.072	455.626	449.588	0.072	593.024	587.948	587.621	G17
G14	482.008	475.828	0.072	494.833	488.895	0.072	574.101	569.382	569.014	G16
V15	498.124	492.048	0.072	507.850	501.900	0.072	555.051	549.154	548.788	V15
L16	536.019	530.383	0.072	545.350	539.675	0.072	521.987	516.312	515.984	L14
P17	566.870	560.494	0.072	575.701	572.026	0.072	484.292	478.611	478.289	P13
M18	608.084	600.708	0.072	615.718	610.040	0.072	459.212	453.942	453.536	M12
T19	644.878	638.483	0.072	653.815	648.718	0.072	407.400	413.900	408.292	T11
Q20	686.705	681.189	0.072	695.049	690.421	0.072	380.093	376.251	375.951	Q10
A21	712.444	704.788	0.072	724.440	719.124	0.072	331.540	327.891	327.942	A11
V22	742.809	737.481	0.072	752.790	747.124	0.072	300.889	304.182	304.044	V11
L23	781.161	775.489	0.072	790.493	784.817	0.072	278.944	277.185	276.941	L17
L24	818.856	813.189	0.072	826.189	820.812	0.072	184.184	180.150	180.474	L16
P25	851.207	845.511	0.072	860.539	854.863	0.072	164.535	161.483	161.789	P15
K26	889.806	883.881	0.072	895.919	890.000	0.072	107.913	108.184	107.420	K14
K27	928.054	921.928	0.072	945.915	940.260	0.072	126.420	126.730	126.602	K13
L28	970.288	964.811	0.072	981.813	975.942	0.072	81.718	81.718	81.672	L12
L29	1013.558	1007.822	0.072	1027.832	1021.958	0.072	30.023	30.023	30.023	L10

sp | Q6GSS7 | H2A2A_MOUSE

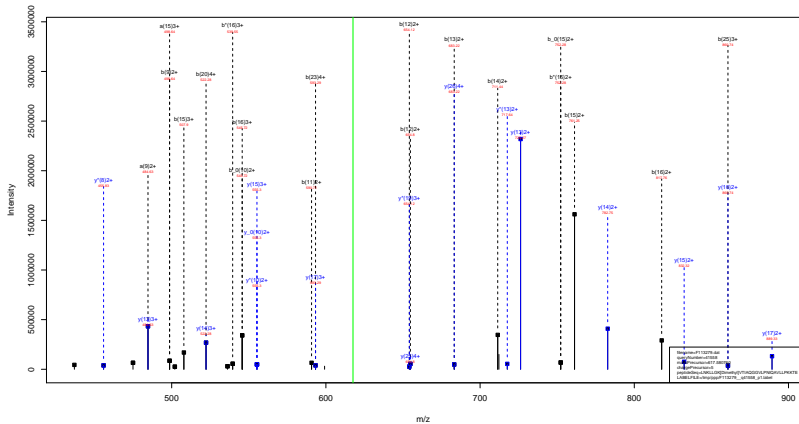
LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=33.29
- ▶ F113279.dat
- ▶ query=q41556.p1
- ▶ precursor=617.580630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
L1	22.280	0.755	0.755	29.278	0.355	0.755	171.728	176.472	181.226	L29
N2	50.790	46.534	0.755	57.789	53.532	0.755	243.457	239.201	234.955	N38
K3	82.814	78.558	0.755	89.813	85.556	0.755	315.240	310.984	306.728	K27
L4	111.085	106.828	0.755	118.084	113.827	0.755	386.923	382.666	378.410	L28
L5	139.356	135.099	0.755	146.355	142.098	0.755	654.652	650.395	646.138	L25
G6	153.611	149.355	0.755	160.610	156.354	0.755	626.381	622.124	617.878	G24
K7	182.843	178.586	0.755	189.842	185.585	0.755	612.128	607.871	603.614	K23
V8	217.431	213.174	0.755	224.430	220.173	0.755	574.059	569.799	565.541	V22
T9	242.672	238.415	238.188	249.671	245.414	245.188	548.327	544.070	539.812	T21
D10	270.943	266.686	266.440	277.942	273.685	273.439	523.065	518.808	514.551	D20
A11	288.202	283.945	283.700	295.201	290.944	290.700	484.792	480.535	476.278	A19
G12	329.717	325.460	325.214	337.716	333.459	333.213	477.030	472.773	468.515	G18
G13	334.972	330.715	330.470	341.971	337.714	337.468	445.020	440.763	436.507	G17
G14	349.470	344.971	344.725	356.228	351.970	351.724	430.765	426.508	422.251	G16
V15	373.995	369.738	369.492	380.994	376.737	376.491	416.500	412.253	408.000	V15
L16	402.266	398.009	397.763	409.265	405.008	404.762	381.747	377.489	373.240	L14
F17	426.529	422.272	422.026	433.528	429.271	429.025	363.471	359.213	354.956	F13
N18	459.640	455.383	455.137	462.639	458.382	458.136	339.208	334.951	330.694	N12
D19	503.211	498.954	498.708	509.209	504.952	504.706	319.997	315.739	311.482	D11
G20	535.226	530.969	530.723	532.224	527.967	527.721	282.428	278.170	273.913	G14
A21	533.085	528.828	528.582	540.083	535.826	535.580	292.411	288.153	283.896	A17
V22	557.052	552.795	552.549	564.051	559.794	559.548	252.652	248.394	244.137	V18
L23	586.123	581.866	581.620	593.122	588.865	588.619	207.895	203.637	199.380	L17
L24	614.394	610.137	609.891	621.393	617.136	616.890	176.614	172.356	168.100	L16
T25	638.859	634.602	634.356	644.858	640.601	640.355	161.353	157.095	152.838	T21
K26	670.081	665.824	665.578	677.079	672.822	672.576	127.081	122.823	118.566	K18
K27	702.704	698.446	698.200	709.703	705.446	705.200	85.009	80.751	76.494	K15
T28	727.968	723.711	723.464	734.967	730.710	730.464	63.037	0.755	85.330	T22
E29	760.227	755.970	755.724	767.226	762.969	762.723	37.771	0.755	33.288	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=42.95
- ▶ F113279.dat
- ▶ query=q41558_p1
- ▶ precursor=617.580760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	88.008	0.000	1.000	114.091	0.000	0.000	1063.893	1069.893	1063.893	L208
K12	2003.199	103.113	0.000	2205.134	201.108	0.000	2070.803	2195.178	2092.797	K206
K13	426.434	101.209	0.000	366.229	130.203	0.000	2496.165	2839.138	2636.754	K127
L14	441.518	424.202	0.000	466.511	452.287	0.000	2126.810	2711.643	2710.608	L206
L15	254.402	517.478	0.000	352.391	426.374	0.000	2615.260	2766.263	2699.478	L205
Q16	81.1424	584.397	0.000	608.418	622.362	0.000	2002.202	2486.475	2484.461	Q124
K17	187.550	700.524	0.000	705.545	778.519	0.000	2443.480	2740.454	2742.470	K125
V18	816.118	809.382	0.000	804.111	817.387	0.000	2309.761	2272.237	2271.263	V122
V19	167.608	650.680	649.655	965.661	1018.635	877.611	2190.205	2115.295	2112.275	V121
I20	1080.470	1063.124	1062.140	1108.749	1091.719	1090.719	2089.238	2072.211	2071.227	I203
A11	1151.087	1154.163	1153.717	1174.362	1162.790	1161.772	1406.154	1404.127	1404.143	A109
Q12	1219.696	1262.619	1261.821	1301.484	1296.814	1295.826	1920.111	1908.096	1908.106	Q110
Q13	1308.867	1313.884	1313.870	1324.962	1347.434	1346.952	1777.020	1769.013	1769.004	Q117
G14	1383.889	1376.882	1376.871	1421.884	1404.887	1403.873	1721.037	1703.010	1702.032	G116
V15	1402.877	1479.818	1474.866	1520.821	1503.806	1502.849	1681.019	1643.989	1642.999	V119
L16	1306.041	1309.013	1308.011	1354.026	1317.010	1316.026	1563.947	1546.920	1545.916	L114
P17	1703.034	1698.009	1695.004	1711.009	1714.001	1713.019	1440.863	1413.836	1412.852	P113
M18	1817.437	1805.111	1799.127	1845.132	1828.105	1827.121	1383.810	1338.763	1335.799	M115
T19	1000.071	1013.005	1012.251	1036.018	1041.006	1040.266	1329.760	1322.744	1321.751	T111
Q10	2006.200	2041.203	2040.200	2099.215	2084.248	2083.264	1126.400	1109.950	1108.977	Q100
A11	1170.517	1172.509	1171.300	1175.512	1181.500	1180.301	868.624	861.589	860.614	A111
V12	2206.668	2211.309	2210.871	2256.308	2258.354	2258.310	807.889	801.361	800.877	V110
L21	2241.499	2254.483	2253.470	2269.464	2282.438	2281.424	828.519	811.462	810.538	L117
L24	2454.651	2457.227	2456.245	2462.548	2465.622	2464.638	715.430	698.408	697.424	L16
P15	2051.606	2054.580	2053.590	2079.601	2062.675	2061.591	682.351	665.324	664.340	P15
K20	2076.702	2081.512	2080.460	2110.468	2093.619	2092.465	626.465	609.275	608.291	K14
K27	1907.196	1909.710	1908.708	1925.701	1918.194	1917.189	317.201	300.177	300.193	K15
L29	1808.874	1801.817	1800.851	1836.839	1819.812	1818.826	248.108	0.000	231.008	L12
L26	1017.608	1020.602	1019.610	1040.611	1046.604	1045.612	148.000	0.000	130.000	L10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=42.95
- ▶ F113279.dat
- ▶ query=q41558.p1
- ▶ precursor=617.580760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	43.552	0.561	7.501	31.549	0.504	0.501	1261.201	3333.139	3333.144	L26
R1	100.573	92.180	0.504	114.571	106.197	0.504	1485.931	2477.904	2476.902	R26
K1	184.621	156.438	0.504	178.618	170.495	0.504	1428.886	2420.371	2419.381	K27
L4	251.583	214.658	0.504	255.160	226.647	0.504	1384.833	2366.321	2365.331	L28
L5	277.678	236.101	0.504	281.162	253.188	0.504	1358.201	2309.183	2308.201	L29
Q1	308.118	267.102	0.504	309.213	281.188	0.504	1321.701	2243.341	2242.348	Q24
K17	384.270	316.105	0.504	388.270	360.163	0.504	1223.241	2124.731	2124.739	K25
V1	413.113	375.303	0.504	417.113	392.267	0.504	1185.181	2106.661	2106.678	V22
Y1	484.337	473.523	475.331	498.334	489.521	489.520	1059.645	1987.133	1988.043	Y21
I20	540.878	532.309	531.874	554.876	546.301	545.871	1045.121	2028.609	2028.117	I20
A11	676.597	587.854	587.362	590.395	581.682	581.350	988.581	1881.681	1879.576	A19
Q13	690.277	611.513	611.521	654.424	645.511	645.410	953.931	1844.564	1844.270	Q10
G15	698.577	600.424	600.432	682.935	674.422	673.930	951.931	1845.513	1845.027	G17
G14	697.448	608.935	608.441	711.446	699.432	699.340	860.522	1852.030	1851.517	G16
V15	748.833	692.469	691.971	760.360	752.467	751.974	822.911	1827.489	1826.968	V15
L16	803.524	795.111	794.513	817.522	809.109	808.517	782.477	1773.964	1773.472	L14
P17	852.651	843.137	843.046	866.648	857.635	857.043	725.935	717.422	716.930	P13
N18	909.672	895.559	895.067	924.670	914.556	914.064	637.482	1668.995	1668.403	N15
T19	959.814	947.401	946.909	976.812	967.806	967.306	608.901	1613.874	1613.381	T17
Q20	1009.944	1001.131	1000.639	1024.941	1015.128	1014.636	583.955	555.332	554.840	Q10
A21	1062.182	1053.669	1053.177	1079.180	1070.666	1070.174	488.811	1481.111	1480.611	A10
V22	1114.406	1105.893	1105.399	1129.404	1120.889	1120.397	459.269	425.744	425.252	V10
L23	1171.238	1162.725	1162.231	1185.236	1176.722	1176.230	414.761	405.252	405.758	L17
L24	1227.480	1218.201	1218.770	1244.778	1233.385	1233.774	388.221	348.708	349.216	L16
P25	1276.507	1267.763	1267.301	1290.304	1281.791	1281.299	381.670	293.168	292.674	P15
K26	1340.254	1331.841	1331.360	1354.362	1345.849	1345.368	353.911	244.939	244.144	K14
R27	1404.402	1395.589	1395.300	1418.399	1409.886	1409.394	189.110	185.561	185.100	R15
L29	1454.926	1446.412	1445.920	1468.921	1460.410	1460.918	178.010	0.504	118.112	L12
E28	1519.447	1510.934	1510.440	1533.444	1524.931	1524.439	74.531	0.504	85.530	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=42.95
- ▶ F113279.dat
- ▶ query=q41558_p1
- ▶ precursor=617.580760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L11	28.178	0.07	0.07	38.102	0.072	0.072	0.023	0.022	0.022	L28
K12	67.585	61.759	0.072	78.715	71.941	0.072	0.001	0.001	0.001	K26
K13	110.681	104.407	0.072	119.413	113.739	0.072	0.002	0.002	0.002	K27
L14	147.778	142.125	0.072	157.109	151.434	0.072	0.010	0.010	0.010	L28
L15	188.874	179.197	0.072	194.884	188.128	0.072	0.012	0.012	0.012	L28
G16	204.478	198.384	0.072	213.811	208.138	0.072	0.004	0.004	0.004	G24
K17	258.522	250.988	0.072	265.851	260.178	0.072	0.013	0.013	0.013	K25
V18	289.544	281.869	0.072	298.878	293.201	0.072	0.013	0.013	0.013	V22
V19	323.227	317.551	0.072	332.555	326.883	0.072	0.005	0.005	0.005	V21
L20	360.822	352.288	0.072	370.251	364.578	0.072	0.004	0.004	0.004	L20
A11	384.601	378.625	0.072	393.919	388.257	0.072	0.006	0.006	0.006	A19
Q12	427.288	421.411	0.072	436.818	430.944	0.072	0.005	0.005	0.005	Q10
G13	446.204	440.015	0.072	455.626	449.588	0.072	0.003	0.003	0.003	G17
G14	482.000	475.628	0.072	494.633	488.598	0.072	0.004	0.004	0.004	G16
V15	498.214	492.049	0.072	507.850	501.800	0.072	0.004	0.004	0.004	V15
L16	538.019	530.383	0.072	545.350	539.675	0.072	0.007	0.007	0.007	L16
P17	566.870	560.494	0.072	577.701	572.026	0.072	0.004	0.004	0.004	P13
M18	608.584	600.708	0.072	615.718	610.046	0.072	0.011	0.011	0.011	M15
T19	644.878	638.401	0.072	653.815	648.138	0.072	0.007	0.007	0.007	T11
Q20	686.705	681.189	0.072	695.949	690.421	0.072	0.003	0.003	0.003	Q10
A21	712.444	704.788	0.072	719.719	714.002	0.072	0.011	0.011	0.011	A19
V22	742.809	737.480	0.072	752.788	747.123	0.072	0.005	0.005	0.005	V19
L23	781.161	775.489	0.072	790.493	784.817	0.072	0.004	0.004	0.004	L17
L24	818.856	813.189	0.072	828.189	822.812	0.072	0.004	0.004	0.004	L16
P25	851.207	845.511	0.072	860.539	854.863	0.072	0.011	0.011	0.011	P15
K26	889.806	883.824	0.072	899.191	893.209	0.072	0.003	0.003	0.003	K18
K27	928.654	920.568	0.072	938.931	932.960	0.072	0.003	0.003	0.003	K18
L28	970.288	964.811	0.072	981.813	975.814	0.072	0.011	0.011	0.011	L12
L29	1013.558	1007.822	0.072	1022.832	1016.958	0.072	0.003	0.003	0.003	L10

sp | Q6GSS7 | H2A2A_MOUSE

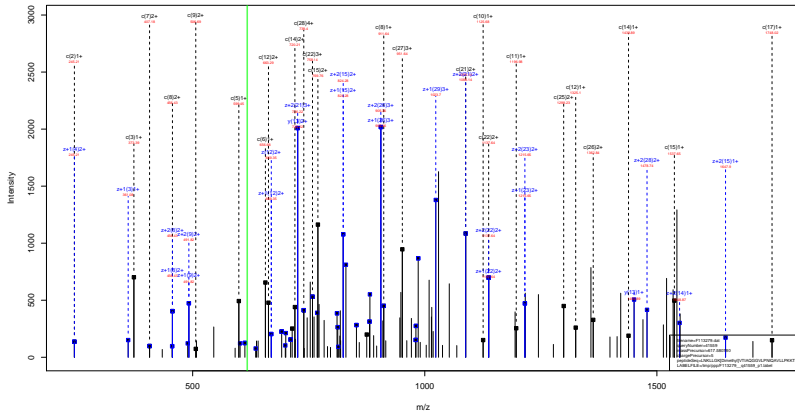
LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=42.95
- ▶ F113279.dat
- ▶ query=q41558.p1
- ▶ precursor=617.580760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
L1	22.280	0.755	0.755	29.278	0.755	0.755	171.720	176.472	167.220	L20
N2	50.190	46.534	0.755	57.189	53.532	0.755	143.457	7.39.201	138.955	N38
R3	82.814	83.587	0.755	88.813	88.566	0.755	715.360	718.560	110.444	R27
L4	111.085	109.820	0.755	113.084	113.027	0.755	682.923	678.666	678.420	L26
L5	139.856	138.089	0.755	146.305	142.898	0.755	654.652	650.305	650.140	L25
G6	153.611	149.355	0.755	160.610	156.354	0.755	626.381	622.124	621.876	G34
R7	182.643	180.288	0.755	189.642	186.286	0.755	612.120	607.863	607.615	R33
V8	217.618	215.153	0.755	224.609	220.152	0.755	573.060	568.803	568.555	V22
T9	262.672	258.415	288.189	268.611	265.414	285.189	548.321	544.070	543.824	T01
D10	270.943	266.686	266.440	277.942	273.685	273.439	523.060	518.803	518.557	D20
A11	288.702	284.445	284.200	295.701	291.444	291.188	484.792	480.535	480.289	A19
G12	329.717	325.460	325.214	337.716	333.459	333.213	477.630	473.373	473.127	G18
G13	354.972	350.715	350.470	364.971	359.714	359.468	445.020	440.763	440.517	G17
G14	349.420	344.971	344.725	356.726	351.970	351.724	430.795	426.538	426.292	G16
V15	373.905	369.738	369.492	380.944	376.737	376.491	416.500	412.253	412.007	V15
L16	402.266	398.089	397.793	409.265	405.068	404.792	381.742	377.485	377.240	L14
P17	526.529	422.272	422.025	433.528	329.271	439.025	363.471	199.215	308.969	P13
N18	455.040	450.783	450.537	461.038	457.782	457.536	339.200	134.951	334.705	N12
I19	483.311	479.054	478.808	490.309	486.053	485.807	310.697	106.441	306.105	I11
G20	515.576	511.289	511.043	522.324	518.067	517.821	282.420	278.163	277.917	G24
A21	533.085	528.828	528.582	540.924	535.827	535.581	250.411	146.155	245.909	A15
V22	557.852	553.595	553.349	564.851	560.594	560.348	232.652	128.396	228.150	V18
L23	586.123	581.866	581.620	593.122	588.865	588.619	207.895	103.629	203.353	L17
L24	614.394	610.137	609.891	621.393	617.136	616.890	179.613	175.356	175.112	L16
R25	638.659	634.402	634.156	646.658	642.401	642.155	151.343	147.087	146.843	R19
R26	650.681	646.424	646.178	657.679	653.423	653.177	127.080	122.823	122.577	R14
K27	702.704	698.447	698.201	709.703	705.447	705.201	95.050	90.800	90.554	K18
T28	727.968	723.711	723.464	734.967	730.710	730.464	63.032	0.755	68.530	T12
E29	760.237	756.000	755.754	767.236	763.000	762.754	37.770	0.755	33.268	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.26
- ▶ F113279.dat
- ▶ query=q41559_p1
- ▶ precursor=617.580780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3081.892	3087.873	0.000	3086.895	L 29
N 2	245.161	2970.808	2954.789	2955.797	2951.781	N 28
K 3	373.256	2856.765	2860.746	2841.754	2839.738	K 27
L 4	486.340	2728.670	2712.651	2713.659	2711.643	L 26
L 5	599.424	2615.586	2599.567	2600.575	2598.560	L 25
Q 6	656.445	2502.500	2486.483	2487.491	2485.475	Q 24
K 7	812.572	2445.480	2429.462	2430.469	2428.454	K 23
V 8	911.640	2389.354	2373.335	2374.343	2372.327	V 22
T 9	1012.688	2196.286	2174.267	2175.275	2173.259	T 21
I 10	1125.772	2089.238	2073.219	2074.227	2072.211	I 20
A 11	1196.809	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.867	1869.117	1853.098	1854.106	1852.090	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.910	1720.037	1704.018	1705.026	1703.010	G 16
V 15	1537.979	1663.015	1646.997	1648.004	1645.989	V 15
L 16	1651.063	1563.947	1547.928	1548.936	1546.920	L 14
F 17	1748.116	1450.863	1434.844	1435.852	1433.836	F 13
TW 18	1862.159	1353.810	1337.791	1338.799	1336.783	TW 12
I 19	1975.243	1239.767	1223.748	1224.756	1222.741	I 11
Q 20	2103.301	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.338	998.624	982.606	983.614	981.598	A 9
V 22	2273.407	927.587	911.569	912.576	910.561	V 8
L 23	2386.491	828.510	812.500	813.508	811.492	L 7
L 24	2499.575	715.433	699.415	700.424	698.408	L 6
P 25	2598.628	602.351	586.332	587.340	585.324	P 5
K 26	2724.723	505.268	489.279	490.287	488.271	K 4
K 27	2852.818	377.203	361.184	362.192	360.177	K 3
T 28	2953.895	249.108	233.089	234.097	232.082	T 2
E 29	3082.968	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=55.26
- ▶ F113279.dat
- ▶ query=q41559_p1
- ▶ precursor=617.580780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1542.450	1534.440	0.504	1533.936	L[29]
N[2]	123.084	1485.908	1477.898	1478.402	1477.304	N[28]
K[3]	187.132	1428.886	1420.877	1421.381	1420.373	K[27]
L[4]	243.674	1364.839	1356.829	1357.333	1356.325	L[26]
L[5]	300.216	1308.297	1300.287	1300.791	1299.783	L[25]
Q[6]	358.758	1251.755	1243.745	1244.249	1243.241	Q[24]
K[7]	406.789	1223.244	1215.234	1215.738	1214.731	K[23]
V[8]	456.324	1145.181	1137.171	1137.675	1136.667	V[22]
T[9]	506.848	1095.646	1087.637	1088.141	1087.133	T[21]
I[10]	563.300	1045.123	1037.113	1037.617	1036.609	I[20]
A[11]	620.848	988.581	980.571	981.075	980.067	A[19]
Q[12]	662.937	933.062	925.053	925.557	924.549	Q[18]
G[13]	691.448	889.033	881.023	881.527	880.519	G[17]
G[14]	719.959	860.522	852.513	853.017	852.010	G[16]
V[15]	769.493	832.011	824.002	824.506	823.498	V[15]
L[16]	826.035	782.477	774.468	774.972	773.964	L[14]
P[17]	874.561	725.935	717.926	718.430	717.422	P[13]
T[18]	933.583	677.406	669.399	669.903	668.895	T[12]
I[19]	988.125	626.387	612.378	612.882	611.874	I[11]
Q[20]	1052.154	583.845	575.836	576.340	575.332	Q[10]
A[21]	1087.673	499.816	491.807	492.310	491.303	A[9]
V[22]	1137.207	464.297	456.288	456.792	455.784	V[8]
L[23]	1193.749	414.763	406.754	407.258	406.250	L[7]
L[24]	1259.291	358.221	350.212	350.716	349.708	L[6]
P[25]	1298.817	303.679	295.670	296.174	295.166	P[5]
K[26]	1362.865	253.153	245.143	245.647	244.639	K[4]
K[27]	1428.912	189.105	181.096	181.600	180.592	K[3]
T[28]	1477.436	125.058	117.048	117.552	116.544	T[2]
E[29]	1541.958	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=55.26
- ▶ F113279.dat
- ▶ query=q41559_p1
- ▶ precursor=617.580780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.960	L29
N2	82.392	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.597	947.923	947.251	K27
L4	162.795	910.228	904.889	905.225	904.553	L26
L5	200.479	872.533	867.194	867.530	866.856	L25
G6	219.487	834.838	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.952	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.698	659.399	654.059	654.396	653.714	A19
Q12	442.294	619.710	614.371	614.707	614.030	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.292	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.698	413.927	408.588	408.924	408.252	I11
Q10	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.548	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P9
K26	928.532	169.104	163.765	164.101	163.429	K4
K27	951.611	126.406	121.066	121.402	120.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.397	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=55.26
- ▶ F113279.dat
- ▶ query=q41559_p1
- ▶ precursor=617.580780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	83.535	771.728	767.724	8.756	787.812	L[29]
N[2]	62.046	743.451	739.453	739.705	739.201	N[28]
K[3]	94.059	714.947	710.942	711.194	710.690	K[27]
L[4]	122.340	682.923	678.918	679.170	678.666	L[26]
L[5]	150.611	654.652	650.647	650.899	650.395	L[25]
G[6]	164.867	626.381	622.376	622.628	622.124	G[24]
K[7]	203.898	612.126	608.121	608.373	607.869	K[23]
V[8]	228.665	573.094	569.089	569.341	568.837	V[22]
T[9]	253.927	548.327	544.322	544.574	544.070	T[21]
T[10]	262.198	523.065	519.060	519.312	518.808	T[20]
A[11]	269.958	494.794	490.789	491.041	490.537	A[19]
Q[12]	331.972	477.035	473.030	473.282	472.778	Q[18]
G[13]	346.228	445.020	441.015	441.267	440.763	G[17]
G[14]	360.483	430.765	426.760	427.012	426.508	G[16]
V[15]	385.250	416.509	412.505	412.757	412.253	V[15]
L[16]	413.521	391.742	387.737	387.989	387.486	L[14]
P[17]	437.784	363.471	359.466	359.718	359.215	P[13]
N[18]	466.295	339.208	335.203	335.455	334.951	N[12]
T[19]	494.566	310.897	306.891	307.143	306.641	T[11]
Q[20]	525.381	282.426	278.422	278.673	278.170	Q[15]
A[21]	544.340	250.412	246.407	246.659	246.155	A[9]
V[22]	569.107	232.652	228.648	228.900	228.396	V[8]
L[23]	597.378	207.885	203.881	204.132	203.629	L[7]
L[24]	625.649	179.614	175.609	175.861	175.358	L[6]
P[25]	649.912	151.343	147.338	147.590	147.087	P[5]
K[26]	681.936	127.080	123.075	123.327	122.823	K[4]
K[27]	713.960	95.056	91.052	91.304	90.800	K[3]
T[28]	739.222	63.032	59.028	59.280	58.776	T[2]
E[29]	773.462	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=35.16
- ▶ F113279.dat
- ▶ query=q41560.p1
- ▶ precursor=617.580780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L11	88.008	0.000	1.000	114.091	0.000	0.000	1063.893	1069.899	1065.892	L12G
K12	2003.199	103.113	0.000	2205.134	231.108	0.000	2070.820	2195.781	2292.797	K12G
K13	426.434	111.209	0.000	366.229	330.203	0.000	2496.166	2839.738	2836.754	K12T
L14	441.518	424.202	0.000	466.517	452.287	0.000	2122.810	2111.843	2110.808	L12G
L15	254.402	317.478	0.000	352.391	406.374	0.000	2615.260	2766.263	2699.278	L12S
Q16	81.1424	104.107	0.000	808.418	822.362	0.000	2002.300	2348.475	2484.461	Q124
K17	187.550	193.524	0.000	195.545	178.519	0.000	2443.480	2420.454	2427.470	K122
V18	816.118	809.102	0.000	804.113	817.107	0.000	2389.761	2372.737	2371.743	V122
V19	167.608	160.600	849.658	165.605	168.635	877.651	2190.205	2115.205	2112.215	V121
I20	1080.470	1063.124	1062.140	1108.749	1091.719	1090.719	2089.238	2072.211	2071.227	I20
A111	1151.087	1154.103	1133.717	1174.102	1162.790	1161.772	1405.124	1404.127	1404.143	A11G
Q112	1219.096	1262.019	1261.821	1301.884	1296.814	1295.820	1920.111	1898.096	1898.106	Q110
Q113	1308.867	1313.884	1318.870	1324.862	1347.838	1346.852	1777.020	1769.013	1768.044	Q117
G14	1383.889	1376.882	1375.871	1421.884	1404.867	1403.873	1721.037	1703.010	1702.032	G116
V115	1402.877	1419.818	1414.866	1428.820	1405.806	1402.848	1681.010	1643.989	1642.999	V115
L116	1306.041	1309.013	1308.011	1354.035	1317.010	1316.026	1353.947	1349.920	1345.916	L114
P117	1103.094	1098.090	1085.084	1111.089	1114.081	1113.079	1440.863	1413.838	1412.852	P113
M18	1017.437	1005.111	1090.127	1045.132	1028.105	1027.121	1383.810	1338.783	1335.799	M112
T19	1009.071	1013.065	1012.051	1039.058	1041.066	1040.065	1329.780	1322.741	1321.757	T111
Q120	2056.500	2041.263	2040.250	2099.275	2084.248	2086.264	1126.400	1119.395	1118.377	Q110
A121	1170.517	1172.509	1171.500	1175.512	1170.500	1170.501	1681.624	1681.599	1681.614	A111
V122	2268.608	2241.369	2231.870	2259.380	2236.354	2236.341	1607.889	1611.361	1608.877	V111
L123	2241.499	2224.483	2223.470	2269.484	2252.458	2251.454	1628.519	1611.492	1610.508	L117
L124	2434.631	2417.527	2416.545	2462.548	2445.522	2444.538	1115.430	1098.408	1097.424	L116
P125	2051.606	2034.500	2033.500	2079.601	2062.575	2061.561	1682.351	1665.324	1664.340	P115
V126	1076.702	1071.701	1061.691	1111.698	1096.670	1095.665	1606.360	1608.275	1607.287	V114
K127	2077.196	2060.710	2059.708	2095.701	2078.194	2077.189	1017.200	1002.177	1001.193	K115
L128	1008.814	1001.817	1000.811	1006.819	1018.812	1017.805	248.108	0.000	251.108	L112
E129	1017.808	1010.800	1010.810	1005.801	1016.804	1017.811	148.000	0.000	150.000	E111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=35.16
- ▶ F113279.dat
- ▶ query=q41560.p1
- ▶ precursor=617.580780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	43.552	0.561	7.501	31.549	0.504	0.504	1261.201	3333.139	3333.144	L26
R1	100.573	92.080	0.504	114.571	106.077	0.504	1485.903	2477.904	2476.902	R26
K1	184.621	156.439	0.504	178.618	170.495	0.504	1428.886	2420.373	2419.881	K27
L4	251.583	214.658	0.504	235.160	226.647	0.504	1384.833	2366.325	2365.831	L28
L5	277.678	236.102	0.504	251.162	242.188	0.504	1358.201	2309.183	2308.201	L29
G6	306.418	267.102	0.504	300.213	291.188	0.504	1291.701	2143.343	2142.748	G24
K7	384.270	316.105	0.504	380.070	380.763	0.504	1223.241	2124.731	2124.239	K25
V8	413.119	405.363	0.504	411.011	409.267	0.504	1185.181	2136.861	2136.376	V22
Y9	484.337	473.523	475.331	488.334	489.021	489.520	1059.045	1087.133	1088.043	Y21
I10	540.878	532.309	531.871	554.876	546.381	545.871	1045.121	2038.809	2038.117	I20
A11	616.597	587.054	587.382	590.395	581.082	581.390	980.581	980.881	979.575	A19
Q12	660.277	611.913	611.621	654.424	645.911	645.410	953.903	984.584	984.278	Q10
G13	698.637	660.924	660.924	674.622	673.909	673.909	889.033	985.513	985.027	G17
G14	697.448	688.935	688.443	711.446	692.932	692.932	860.522	982.039	981.517	G16
V15	748.003	698.469	697.971	760.300	732.467	732.467	781.974	822.911	823.489	V19
L16	803.524	795.011	794.513	817.522	809.009	808.517	782.477	773.984	773.472	L14
P17	852.051	843.137	843.040	866.048	857.635	857.683	725.935	717.422	716.930	P13
M18	909.672	895.559	895.067	924.070	914.558	914.654	637.482	868.895	868.403	M15
T19	968.814	951.401	950.903	976.812	967.386	967.485	569.381	813.874	813.387	T17
Q20	1009.944	1001.130	1000.632	1043.941	1035.128	1034.930	563.845	555.332	554.840	Q10
A21	1082.162	1065.689	1065.191	1099.180	1090.348	1090.314	488.811	481.311	480.811	A18
V22	1114.896	1105.118	1104.661	1121.894	1112.109	1112.109	489.289	483.184	482.682	V18
L23	1171.238	1150.725	1150.231	1185.235	1176.722	1176.230	414.751	405.250	404.758	L17
L24	1227.480	1218.281	1218.776	1244.778	1233.385	1233.773	388.221	348.708	348.216	L16
P25	1276.507	1267.703	1267.301	1290.304	1281.791	1281.299	381.670	293.168	292.674	P15
K26	1340.204	1311.841	1311.360	1354.363	1345.818	1345.346	283.911	244.839	244.344	K14
R27	1404.402	1395.588	1395.360	1418.390	1409.884	1409.394	189.102	185.561	185.100	R13
L28	1454.926	1446.412	1445.902	1469.321	1460.812	1460.812	178.002	0.504	118.102	L12
L29	1519.447	1510.934	1510.440	1533.444	1524.931	1524.432	74.531	0.504	65.030	L10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=35.16
- ▶ F113279.dat
- ▶ query=q41560.p1
- ▶ precursor=617.580780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA
L1	28.719	0.072	0.072	70.715	0.072	0.072	1020.031	1022.999	1022.912	L28
K2	97.595	01.700	0.072	70.715	71.041	0.072	960.941	965.265	964.921	K26
K3	110.681	104.407	0.072	110.413	113.739	0.072	952.520	947.251	946.921	K27
L4	147.778	142.125	0.072	157.109	151.434	0.072	940.228	904.501	904.225	L26
L5	188.874	179.107	0.072	194.804	189.128	0.072	932.511	866.825	866.738	L25
Q6	204.478	190.104	0.072	213.811	208.136	0.072	824.839	826.183	826.131	Q24
K7	256.522	250.908	0.072	265.815	260.178	0.072	811.832	810.159	809.820	K22
V8	289.544	283.969	0.072	298.878	293.261	0.072	781.729	786.114	787.008	V22
V9	323.227	317.551	0.072	333.595	328.003	0.072	526.505	530.767	529.091	V21
I10	360.822	355.208	0.072	370.251	364.678	0.072	494.200	497.084	491.081	I20
A11	394.601	378.825	0.072	403.974	398.297	0.072	459.350	463.714	463.389	A19
Q12	427.288	421.611	0.072	436.261	430.584	0.072	430.815	435.179	435.035	Q10
G13	446.204	440.518	0.072	450.255	444.568	0.072	591.024	587.349	587.021	G17
G14	480.000	474.325	0.072	474.833	469.157	0.072	480.628	474.101	469.114	G16
V15	498.214	492.540	0.072	507.856	502.180	0.072	539.019	540.354	540.030	V19
L16	536.019	530.343	0.072	545.350	539.675	539.347	521.987	525.312	525.004	L14
P17	566.870	561.194	0.072	577.701	572.026	0.072	484.292	478.611	478.289	P13
N18	606.184	600.508	0.072	615.718	610.042	0.072	451.942	446.268	445.936	N12
T19	644.878	639.199	0.072	653.813	648.138	0.072	407.400	413.900	409.292	T11
Q20	686.705	681.029	0.072	695.646	690.021	0.072	376.251	370.571	370.229	Q10
A21	712.444	706.768	0.072	724.440	718.815	0.072	331.540	327.871	327.542	A11
V22	742.907	737.181	0.072	752.718	747.124	0.072	300.899	304.182	303.854	V11
L23	781.161	775.485	0.072	790.491	784.817	0.072	278.944	271.185	270.941	L17
L24	818.856	813.180	0.072	829.103	823.412	0.072	239.150	233.474	233.146	L16
P25	851.207	845.531	0.072	860.539	854.863	0.072	204.535	201.483	199.700	P15
K26	889.806	884.130	0.072	898.162	892.486	0.072	169.913	169.194	169.420	K14
K27	928.054	922.378	0.072	945.915	940.200	0.072	126.420	126.420	126.402	K13
L28	970.280	964.611	0.072	979.813	974.142	0.072	81.710	81.710	81.672	L12
L29	1013.500	1007.822	0.072	1027.832	1022.156	0.072	30.020	30.020	30.021	L10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=35.16
- ▶ F113279.dat
- ▶ query=q41560.p1
- ▶ precursor=617.580780
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
L1	22.280	0.755	0.755	29.276	0.355	0.755	171.728	1767.472	181.236	L29
N2	50.790	46.534	0.755	57.789	53.532	0.755	743.457	739.201	738.955	N38
K3	82.814	78.557	0.755	86.833	82.576	0.755	118.241	113.984	113.444	K27
L4	111.085	106.828	0.755	118.084	113.827	0.755	662.923	678.666	678.420	L28
L5	139.356	135.099	0.755	146.355	142.098	0.755	654.652	650.395	650.148	L25
G6	153.611	149.355	0.755	160.610	156.354	0.755	636.381	632.124	631.876	G24
K7	182.643	178.386	0.755	189.642	185.385	0.755	612.126	607.869	607.621	K23
V8	217.431	213.173	0.755	224.429	220.172	0.755	574.059	569.802	569.554	V22
T9	242.672	238.415	0.755	249.671	245.414	0.755	548.327	544.070	543.822	T21
D10	270.943	266.686	0.755	277.942	273.685	0.755	523.055	518.798	518.550	D20
A11	288.202	283.945	0.755	295.201	290.944	0.755	498.793	494.536	494.288	A19
G12	329.717	325.460	0.755	337.016	332.759	0.755	473.521	469.264	469.016	G18
G13	334.972	330.715	0.755	342.014	337.757	0.755	445.020	440.763	440.515	G17
G14	349.470	345.213	0.755	356.226	351.970	0.755	430.765	426.508	426.260	G16
V15	373.995	369.738	0.755	380.994	376.737	0.755	416.500	412.243	412.000	V15
L16	402.266	398.009	0.755	409.265	405.008	0.755	404.782	398.486	397.940	L14
F17	426.520	422.262	0.755	433.520	429.263	0.755	383.471	379.214	378.966	F13
N18	455.640	451.383	0.755	462.639	458.382	0.755	379.208	374.951	374.703	N12
D19	483.211	478.954	0.755	490.210	485.953	0.755	359.997	355.740	355.491	D11
G20	515.226	510.969	0.755	522.225	517.968	0.755	342.426	338.169	337.920	G15
A21	533.085	528.828	0.755	540.083	535.826	0.755	329.541	325.284	325.036	A17
V22	557.852	553.595	0.755	564.851	560.594	0.755	322.652	318.395	318.147	V18
L23	586.123	581.866	0.755	593.122	588.865	0.755	307.895	303.638	303.390	L17
L24	614.394	610.137	0.755	621.393	617.136	0.755	316.880	312.623	312.375	L16
T25	638.859	634.602	0.755	646.858	642.601	0.755	304.193	300.936	300.688	T21
K26	670.081	665.824	0.755	677.879	673.622	0.755	277.081	272.824	272.576	K14
K27	702.704	698.447	0.755	709.703	705.446	0.755	265.070	260.813	260.565	K13
T28	727.968	723.711	0.755	734.967	730.710	0.755	260.440	256.183	255.935	T22
E29	786.227	781.970	0.755	793.226	788.969	0.755	247.723	243.466	243.218	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=57.73
- ▶ F113279.dat
- ▶ query=q41561_p1
- ▶ precursor=771.724160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
L1	98.095	0.000	0.000	114.061	0.000	0.000	3883.892	0.000	0.000	K29
K2	200.135	1.03171	0.000	228.134	0.11188	0.000	2920.899	0.000	0.000	K20
R1	328.274	111.220	0.000	306.228	130.201	0.000	2856.750	0.000	0.000	K27
L4		428.262	0.000	469.313	152.097	0.000	2728.870	0.000	0.000	L28
L5	554.402	131.870	0.000	542.389	165.371	0.000	2618.789	0.000	0.000	L29
Q1	511.424	536.300	0.000	639.418	182.004	0.000	2522.520	0.000	0.000	Q24
K7	187.500	100.530	0.000	795.545	178.618	0.000	2441.480	0.000	0.000	K23
V1	189.414	849.582	0.000	894.513	177.007	0.000	2372.521	0.000	0.000	V22
L9	367.500	920.540	949.050	905.461	179.030	877.851	2170.250	2171.250	2172.250	L21
H10	388.500	1061.720	1062.740	1108.745	1091.710	0.000	1980.130	2029.211	2031.207	H25
A11	1151.200	1130.760	1132.770	1179.782	1162.790	1161.770	1810.154	1958.123	1958.143	A16
Q12	1278.400	1200.820	1200.820	1200.820	1200.820	1200.820	1820.111	1880.090	1880.100	Q18
Q13	1336.500	1130.820	1130.820	1184.820	1147.836	1336.500	1777.250	1760.020	1759.048	Q17
G14	1393.500	1330.800	1370.870	1421.884	1404.857	1403.831	1720.037	1703.010	1702.026	G16
V15	1450.500	1430.870	1474.940	1520.950	1503.926	1502.901	1680.051	1649.089	1648.099	V19
L16	1508.541	1500.010	1528.051	1524.020	1517.010	1516.020	1583.947	1548.920	1549.000	L14
P17	1567.500	1568.000	1588.080	1588.080	1571.080	1571.080	1450.863	1434.830	1432.802	P13
V18	1617.414	1600.111	1708.221	1695.120	1698.108	1697.141	1330.811	1328.783	1328.789	V12
H19	1676.211	1673.100	1822.211	1820.200	1841.190	1840.200	1230.741	1222.741	1221.767	H11
Q20	1698.200	1691.720	1848.200	1848.210	1836.240	1836.240	1130.648	1109.658	1108.677	Q19
A21	1758.200	1742.200	1811.950	1811.910	1840.200	1839.200	988.654	988.200	988.044	A18
V22	1758.200	1741.870	1820.210	1820.190	1838.194	1838.194	927.557	918.561	918.571	V18
L23	1841.400	1834.444	1823.400	1808.404	1802.438	1801.404	830.519	831.400	831.508	L17
L24	1854.553	1837.527	1830.543	1840.549	1849.522	1848.530	715.435	688.408	687.426	L20
P25	1931.608	1920.500	1933.500	1927.607	1936.676	1935.681	662.351	669.324	664.340	P19
R26	1978.500	1960.210	1963.800	1977.800	1986.870	1985.880	548.271	548.271	548.271	R10
K27	1987.600	1980.710	1989.760	1989.761	1988.764	1987.760	377.203	388.177	389.181	K15
L28	1988.618	1988.618	1988.618	1988.618	1988.618	1988.618	148.000	148.000	148.000	L22
E29	2037.600	2030.820	2039.870	2039.861	2048.930	2047.911	148.000	148.000	148.000	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=57.73
- ▶ F113279.dat
- ▶ query=q41561.p1
- ▶ precursor=771.724160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a+d	b	b'	b+d	y	y'	y+d	AA
L1	41.552	8.504	8.504	35.947	0.504	0.504	34.423	12.010	13.514	L156
R1	100.914	12.010	8.504	114.924	100.907	0.504	149.930	147.920	149.424	R120
R2	164.632	136.110	0.504	179.618	170.106	0.504	149.889	1426.371	1416.861	R122
L4	221.561	212.650	0.504	219.160	226.647	0.504	1364.830	1356.320	1358.824	L126
L15	277.500	269.990	0.504	279.490	286.980	0.504	1308.291	1299.780	1302.284	L128
G4	306.228	297.762	0.504	309.213	311.700	0.504	1291.750	1283.240	1285.744	G24
R7	313.670	313.700	0.504	309.210	308.763	0.504	1221.241	1214.730	1217.234	R125
V4	433.813	425.300	0.504	444.810	439.247	0.504	1148.181	1141.670	1144.174	V122
L9	438.130	475.620	475.110	498.334	489.821	489.310	1095.640	1087.130	1089.634	L121
H10	540.879	532.360	531.850	554.876	546.360	545.871	1045.123	1036.610	1039.114	H124
A11	576.307	567.790	567.280	590.305	581.792	581.290	988.581	980.067	981.575	A119
Q12	589.227	626.710	626.200	654.428	645.911	645.419	951.863	944.349	945.858	Q118
G13	609.227	600.710	609.832	682.935	674.422	673.930	889.933	881.419	882.927	G117
G14	697.448	688.930	688.420	711.446	702.932	702.440	860.523	852.009	853.517	G116
V121	746.363	737.840	737.330	760.360	751.847	751.354	737.840	729.326	730.834	V115
L10	769.529	760.010	759.500	817.523	809.000	808.517	782.477	773.964	775.472	L104
P17	852.651	843.130	842.620	866.649	858.130	857.641	725.935	717.422	718.930	P113
R16	869.212	860.690	860.180	873.876	865.360	864.864	847.350	838.830	840.340	R114
L18	889.214	880.690	880.180	879.812	871.290	870.797	620.387	611.870	613.374	L111
Q20	929.844	921.320	920.810	938.838	930.320	929.810	911.810	903.290	904.798	Q110
A21	939.152	930.630	930.120	1019.160	1010.640	1010.134	489.811	481.290	482.794	A19
V122	1114.600	1106.080	1105.570	1124.600	1116.080	1115.570	489.290	480.770	482.274	V119
L24	1111.238	1102.720	1102.210	1185.238	1176.720	1176.210	454.750	446.230	447.734	L19
L24	1227.160	1218.640	1218.130	1242.170	1233.650	1233.140	388.221	380.700	382.204	L19
P124	1276.307	1267.790	1267.280	1287.300	1278.780	1278.270	381.811	373.290	374.794	P119
R26	1340.594	1332.070	1331.560	1351.580	1343.060	1342.550	255.570	247.050	248.554	R14
R27	1354.420	1345.900	1345.390	1414.390	1405.870	1405.360	148.100	139.580	141.084	R14
L26	1434.520	1426.000	1425.490	1445.520	1437.000	1436.490	149.810	141.290	142.794	L19
L24	1519.491	1510.970	1510.460	1531.480	1522.960	1522.450	79.510	71.000	72.504	L19

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=57.73
- ▶ F113279.dat
- ▶ query=q41561.p1
- ▶ precursor=771.724160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA
L1	28.178	0.07	0.07	58.102	0.072	0.072	1028.031	1022.961	1022.962	L28
N2	67.585	61.706	0.672	76.715	71.041	0.672	660.941	665.265	664.921	N26
K3	110.681	104.407	0.672	119.413	113.739	0.672	952.926	947.251	946.921	K27
L4	147.778	142.125	0.672	157.109	151.434	0.672	910.228	904.553	904.225	L26
L5	185.874	179.997	0.672	194.864	189.124	0.672	872.531	866.958	866.730	L25
Q6	264.478	258.004	0.672	273.611	268.136	0.672	824.839	829.163	828.835	Q24
K7	298.522	291.668	0.672	308.353	302.178	0.672	813.832	818.156	808.832	K22
V8	339.544	331.969	0.672	348.876	342.301	0.672	763.709	768.124	757.709	V22
Y9	323.227	317.551	0.672	332.221	325.595	0.672	730.747	725.091	724.743	Y21
I10	360.622	352.289	354.918	370.251	364.676	0.672	697.064	691.409	691.061	I20
A11	394.601	387.625	316.567	393.912	388.257	316.567	658.389	653.714	653.386	A19
Q12	427.288	421.611	624.261	436.814	430.944	624.261	626.742	621.025	620.707	Q10
G13	446.204	440.013	480.250	458.249	448.566	480.250	589.629	593.155	583.249	G17
G14	482.944	476.628	489.261	474.833	468.957	489.261	574.111	568.342	568.114	G16
V15	498.224	492.669	488.261	507.668	511.766	488.261	535.010	529.194	528.669	V19
L16	526.619	520.343	530.013	545.505	539.079	539.347	521.907	516.312	515.984	L14
P17	566.870	560.494	562.960	577.703	572.026	571.489	464.267	478.611	478.269	P13
N18	606.184	600.208	602.360	613.719	603.046	609.212	481.942	444.268	444.036	N12
T19	644.678	638.402	638.075	653.418	647.748	647.401	413.920	408.292	407.944	T11
Q20	686.705	681.289	680.711	696.096	690.421	690.093	376.251	370.567	370.228	Q10
A21	724.844	718.768	718.440	719.775	714.217	713.719	331.540	327.817	327.542	A19
V22	742.467	737.461	737.461	752.769	747.223	746.795	309.897	304.162	303.894	V19
L23	781.451	775.486	775.158	792.463	784.817	784.489	278.944	273.195	272.941	L17
L24	818.656	813.189	812.860	828.188	822.512	822.184	239.150	233.474	233.146	L16
P25	851.207	845.511	845.201	866.539	854.983	854.535	201.403	195.709	195.492	P15
K26	893.806	888.160	887.860	904.727	898.762	898.213	169.104	163.420	163.100	K14
R27	936.054	930.509	930.630	945.933	940.260	939.912	126.426	120.732	120.602	R13
T28	970.286	964.611	964.261	976.619	971.942	971.614	81.708	0.672	77.104	T12
E29	1013.556	1007.852	1007.261	1022.532	1016.956	1016.628	30.020	0.672	24.022	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=91.90
- ▶ F113279.dat
- ▶ query=q41562.p1
- ▶ precursor=771.724160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.899	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1244.967	1905.111	1889.092	1890.100	1888.084	Q[18]
G[13]	1381.889	1777.055	1761.036	1762.044	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1450.893	1434.874	1435.882	1433.866	F[13]
TW[18]	1867.159	1383.810	1337.791	1338.799	1336.783	TW[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.968	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=91.90
- ▶ F113279.dat
- ▶ query=q41562.p1
- ▶ precursor=771.724160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	66.063	1542.450	1538.440	0.504	1533.930	L 26
N 2	123.084	1485.908	1477.890	1478.402	1477.394	N 28
K 3	187.132	1436.886	1420.877	1421.381	1420.373	K 27
L 4	243.674	1384.839	1356.829	1357.333	1356.325	L 26
L 5	300.216	1338.297	1339.299	1339.794	1299.783	L 25
G 6	358.726	1291.758	1243.745	1244.249	1243.241	G 24
K 7	406.789	1223.244	1215.234	1215.738	1214.731	K 23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V 22
T 9	506.846	1095.646	1087.637	1088.141	1087.133	T 21
I 10	563.390	1045.123	1037.113	1037.617	1036.609	I 20
A 11	608.608	988.581	988.571	989.075	988.067	A 19
Q 12	662.937	933.956	945.953	945.557	944.549	Q 18
G 13	691.448	889.033	881.023	881.527	880.519	G 17
G 14	719.959	860.522	852.513	853.017	852.009	G 16
V 15	769.493	832.011	824.002	824.506	823.498	V 15
L 16	828.035	782.477	774.468	774.972	773.964	L 14
T 17	874.561	725.935	717.926	718.430	717.422	T 13
N 18	931.583	671.409	663.399	663.903	662.895	N 12
I 19	988.125	626.387	612.378	612.882	611.874	I 11
Q 20	1052.154	563.945	555.839	556.343	555.335	Q 10
A 21	1087.673	499.616	491.607	492.110	491.102	A 9
V 22	1137.207	464.297	456.288	456.792	455.784	V 8
L 23	1193.749	414.763	406.754	407.258	406.250	L 7
L 24	1250.291	358.221	350.211	350.715	349.707	L 6
P 25	1298.817	301.679	293.670	294.174	293.166	P 5
K 26	1362.865	251.153	243.143	243.647	242.639	K 4
K 27	1426.912	189.105	181.096	181.600	180.592	K 3
T 28	1477.436	125.058	117.048	117.552	116.544	T 2
E 29	1541.959	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=91.90
- ▶ F113279.dat
- ▶ query=q41562.p1
- ▶ precursor=771.724160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.660	L[29]
N[2]	62.302	990.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.326	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.551	L[26]
L[5]	200.479	872.531	867.194	867.530	866.858	L[25]
G[6]	239.487	834.839	829.499	829.835	829.163	G[24]
K[7]	271.529	815.833	810.492	810.828	810.156	K[23]
V[8]	304.552	783.790	778.450	778.786	778.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	389.608	699.380	654.050	654.386	653.714	A[19]
Q[12]	442.294	636.710	630.371	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.131	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
P[17]	583.377	484.202	478.863	479.209	478.517	P[13]
N[18]	621.391	451.942	446.602	446.938	446.266	N[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.546	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.188	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.150	233.810	234.146	233.474	L[6]
T[25]	869.214	201.455	196.116	196.452	195.780	T[5]
K[26]	908.912	169.100	163.760	164.101	163.429	K[4]
K[27]	951.611	138.406	133.066	133.402	132.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=86.66
- ▶ F113279.dat
- ▶ query=q41563_p1
- ▶ precursor=1028.629900
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
L1	88.998	0.000	8.000	114.001	0.000	0.000	3081.891	3084.891	3085.001	L129
N1	108.119	101.111	0.000	128.114	111.111	0.000	2974.891	3084.781	3082.781	N130
K1	128.234	111.226	0.000	168.229	119.203	0.000	2876.793	3079.733	3078.794	K127
L14	144.118	144.202	0.000	168.313	168.203	0.000	2728.877	3111.864	3110.869	L126
L15	154.402	161.391	0.000	162.387	162.371	0.000	2631.981	3088.970	3087.970	L125
G1	161.124	164.391	0.000	1.637.417	162.392	0.000	2552.922	2485.475	2484.481	G124
K1	167.550	169.529	0.000	169.543	178.539	0.000	2445.481	2428.454	2427.470	K123
V1	169.619	149.582	0.000	184.613	187.607	0.000	2280.954	2074.929	2071.941	V122
V16	167.540	169.529	0.000	195.601	191.610	177.621	2419.959	242.924	2424.929	V121
L16	168.790	163.724	104.741	1108.745	104.719	1090.735	3088.731	3074.711	3071.727	L120
A11	1151.797	1124.781	1113.777	1179.762	1129.756	1161.772	1496.754	1498.727	1498.741	A116
G12	1276.786	1227.819	1113.816	1151.811	1126.804	1109.810	1600.811	1600.786	1600.796	G119
G13	1138.807	1133.801	1113.801	1364.862	1347.836	1340.831	1777.658	1769.631	1769.648	G117
G14	1385.888	1378.882	1378.878	1477.887	1454.857	1443.871	1720.857	1708.810	1708.826	G116
V13	1460.891	1424.881	1424.874	1520.892	1500.861	1491.847	1601.831	1604.808	1604.809	V115
L18	1508.941	1493.910	1498.911	1634.916	1617.910	1610.912	1561.947	1548.910	1548.918	L114
P17	1703.904	1680.880	1688.884	1711.889	1714.880	1711.879	1450.861	1431.830	1432.852	P113
N18	1819.911	1800.871	1809.873	1820.878	1828.869	1827.871	1351.818	1348.810	1348.789	N112
L19	1836.921	1813.910	1813.911	1858.915	1844.909	1846.910	1333.810	1322.741	1321.767	L111
G15	1888.988	1841.981	1846.982	1888.978	1881.981	1881.980	1178.683	1169.656	1168.672	G110
A12	1118.117	1112.109	1111.109	1117.112	1116.111	1116.111	986.624	986.708	986.614	A18
V12	2228.910	2211.910	2210.910	2258.914	2236.914	2236.910	627.587	625.581	626.577	V18
L12	2341.469	2324.467	2324.459	2389.464	2367.463	2367.454	828.519	811.492	809.500	L17
L14	2424.511	2417.507	2416.504	2462.509	2449.502	2449.511	715.438	688.408	687.424	L16
P15	2712.708	2634.700	2633.700	2692.701	2712.712	2670.701	603.351	605.324	584.340	P15
K16	2676.701	2661.691	2661.691	2707.696	2696.691	2688.691	505.298	488.271	487.281	K14
K17	2887.790	2870.770	2870.769	2888.761	2878.754	2877.752	377.203	386.173	386.181	K13
L16	2988.814	2981.801	2980.801	2988.804	2981.801	2981.801	140.801	140.789	140.789	L13
E19	3017.818	3000.801	3000.811	3008.811	3004.804	3004.811	140.801	0.000	1.00000	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=86.66
- ▶ F113279.dat
- ▶ query=q41563.p1
- ▶ precursor=1028.629900
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	r	y*	y,0	AA
L13	43.202	0.504	0.504	07.849	0.504	0.504	1347.457	1133.026	1033.444	L129
N12	100.074	0.504	0.504	114.014	0.504	0.504	2481.905	1474.986	1244.909	N104
K13	104.021	150.130	0.504	118.010	170.100	0.504	1438.855	1430.373	1419.881	K127
L14	221.481	217.030	0.504	235.140	236.641	0.504	1394.631	1356.325	1355.833	L108
L15	227.100	209.180	0.504	201.100	203.180	0.504	1380.307	1299.783	1299.291	L120
G10	700.010	707.001	0.504	800.010	811.000	0.504	1249.910	1243.294	1242.799	G04
K17	104.020	103.100	0.504	100.010	100.010	0.504	1223.244	1124.713	1114.700	K123
V10	411.011	420.100	0.504	447.010	450.100	0.504	1145.111	1136.667	1130.170	V122
T19	404.110	413.010	473.111	408.110	409.110	409.110	1020.640	1001.111	1000.041	T121
D10	540.070	534.000	531.004	554.076	546.000	546.000	948.014	934.121	933.606	D109
A11	470.107	467.004	467.004	467.004	467.004	467.004	801.100	800.581	800.067	A119
G12	466.077	463.010	631.421	634.424	646.011	644.010	801.000	800.543	800.000	G101
G13	668.037	660.424	660.600	682.035	674.420	673.600	800.033	800.511	800.007	G127
G14	807.448	800.000	888.443	911.446	902.832	902.440	860.522	860.000	860.000	G136
V15	740.952	738.409	738.010	740.950	832.407	751.914	811.000	811.400	813.006	V100
L108	803.524	795.011	794.510	817.522	806.009	808.517	782.477	773.964	773.472	L104
P117	803.061	804.557	841.049	868.048	867.535	867.041	725.935	717.467	748.930	P115
N108	800.010	800.000	800.000	813.010	814.000	814.000	600.000	600.000	600.000	N100
L109	865.014	861.100	860.000	870.012	871.008	870.000	430.000	411.010	411.000	L121
G120	860.130	850.000	850.000	850.000	850.000	850.000	381.000	555.332	554.840	G118
A121	1065.182	1050.000	1050.000	1070.180	1070.180	1070.180	300.000	300.000	300.000	A109
V122	1114.006	1100.110	1100.000	1126.004	1126.100	1119.000	454.000	455.784	455.292	V108
L123	1111.010	1102.100	1102.010	1125.010	1125.010	1120.010	424.100	420.200	420.100	L107
L124	1102.000	1101.100	1101.100	1241.776	1233.265	1232.773	300.000	300.000	300.000	L106
L126	1226.107	1209.200	1209.200	1209.200	1209.200	1209.200	300.000	293.100	292.004	L105
K120	1242.014	1231.000	1231.000	1354.352	1345.000	1345.000	293.100	248.010	244.147	K104
K127	1244.010	1243.000	1243.000	1416.390	1400.000	1400.000	140.000	140.000	140.000	K110
L128	1414.100	1400.000	1400.000	1400.000	1400.000	1400.000	120.000	120.000	110.000	L122
E101	1410.040	1400.000	1400.000	1400.000	1400.000	1400.000	70.000	0.000	60.000	E101

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.10
- ▶ F113279.dat
- ▶ query=q41564.p1
- ▶ precursor=1028.629900
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	131.118	3083.892	3067.873	0.000	3066.866	L26
N2	245.161	2970.808	2954.789	2955.797	2953.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2738.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.586	2599.567	2600.575	2598.559	L25
G6	699.483	2502.502	2486.483	2487.491	2485.475	G24
K7	812.572	2445.480	2429.462	2430.469	2428.454	K23
V8	911.640	2289.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2190.288	2174.269	2175.275	2173.259	T21
T10	1125.772	2089.230	2073.210	2074.217	2072.211	T20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1214.857	1905.111	1889.092	1890.100	1888.084	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V15	1537.979	1663.015	1646.997	1648.004	1646.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
T17	1748.116	1490.863	1474.844	1475.852	1473.836	T13
N18	1862.159	1353.810	1337.791	1338.799	1336.783	N12
I19	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1119.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.605	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2389.491	808.513	792.494	813.508	811.492	L7
L24	2499.575	715.435	699.416	708.424	698.408	L6
P25	2596.628	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.268	489.249	498.267	488.251	K4
K27	2852.818	377.203	361.184	362.192	360.177	K3
T28	2953.865	249.106	233.087	234.095	232.082	T2
E29	3082.908	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

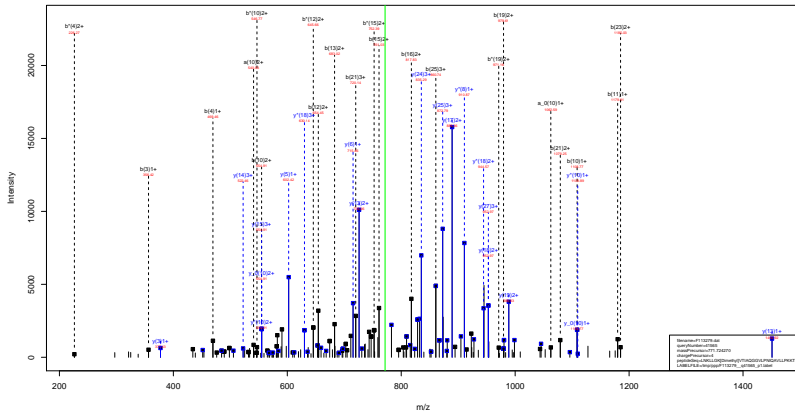
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.10
- ▶ F113279.dat
- ▶ query=q41564_p1
- ▶ precursor=1028.629900
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.936	L129
N12	123.054	1485.905	1477.898	1478.402	1477.391	N020
K13	187.132	1428.889	1420.877	1421.381	1420.373	K027
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.241	G024
K17	406.799	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
F19	506.849	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T020
A111	588.909	988.581	980.571	981.075	980.067	A119
G112	602.937	953.065	945.055	945.559	944.551	G118
G113	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.512	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
F117	874.581	728.935	720.925	721.429	720.421	F113
N118	931.583	677.400	669.390	669.893	668.885	N112
I19	988.125	620.867	612.857	613.361	612.353	I111
Q120	1052.154	563.845	555.835	556.340	555.332	Q110
A121	1087.673	499.816	491.807	492.311	491.303	A10
V122	1127.207	484.297	476.288	476.792	475.784	V18
L123	1193.749	414.763	406.753	407.257	406.250	L117
L124	1250.291	358.221	350.211	350.715	349.708	L16
P125	1298.817	301.679	293.670	294.174	293.166	P15
K126	1362.865	253.153	245.143	245.647	244.639	K14
K127	1426.912	189.105	181.096	181.600	180.592	K13
T128	1477.436	125.058	117.048	117.552	116.544	T12
E129	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=68.47
- ▶ F113279.dat
- ▶ query=q41565_p1
- ▶ precursor=771.724270
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
L1	88	0.00	0.000	114	0.01	0.000	10.81	0.00	10.81	L129
K1	100	1.00	1.000	108	1.00	1.000	10.81	1.00	10.81	K130
R1	126	1.04	1.040	105	1.05	1.050	10.82	1.05	10.82	K127
L14	141	1.08	1.080	102	1.06	1.060	10.82	1.06	10.82	L126
L15	154	1.12	1.120	99	1.04	1.040	10.82	1.04	10.82	L125
G16	161	1.14	1.140	96	1.02	1.020	10.82	1.02	10.82	G124
K17	187	1.20	1.200	93	1.00	1.000	10.82	1.00	10.82	K123
V18	186	1.19	1.190	90	0.98	0.980	10.82	0.98	10.82	V122
L19	189	1.20	1.200	87	0.96	0.960	10.82	0.96	10.82	L121
I10	186	1.19	1.190	84	0.94	0.940	10.82	0.94	10.82	I101
A11	115	1.09	1.090	81	0.92	0.920	10.82	0.92	10.82	A116
G12	119	1.10	1.100	78	0.90	0.900	10.82	0.90	10.82	G120
G13	136	1.16	1.160	75	0.88	0.880	10.82	0.88	10.82	G117
G14	135	1.15	1.150	72	0.86	0.860	10.82	0.86	10.82	G116
V15	139	1.17	1.170	69	0.84	0.840	10.82	0.84	10.82	V115
L16	156	1.24	1.240	66	0.82	0.820	10.82	0.82	10.82	L114
L17	161	1.26	1.260	63	0.80	0.800	10.82	0.80	10.82	L113
N18	171	1.30	1.300	60	0.78	0.780	10.82	0.78	10.82	N112
L19	170	1.29	1.290	57	0.76	0.760	10.82	0.76	10.82	L111
Q20	155	1.23	1.230	54	0.74	0.740	10.82	0.74	10.82	Q20
R21	128	1.11	1.110	51	0.72	0.720	10.82	0.72	10.82	R21
V22	128	1.11	1.110	48	0.70	0.700	10.82	0.70	10.82	V22
L23	141	1.18	1.180	45	0.68	0.680	10.82	0.68	10.82	L23
L24	145	1.21	1.210	42	0.66	0.660	10.82	0.66	10.82	L24
P25	151	1.25	1.250	39	0.64	0.640	10.82	0.64	10.82	P25
K26	176	1.36	1.360	36	0.62	0.620	10.82	0.62	10.82	K26
K27	187	1.40	1.400	33	0.60	0.600	10.82	0.60	10.82	K27
L28	189	1.41	1.410	30	0.58	0.580	10.82	0.58	10.82	L28
E29	187	1.39	1.390	27	0.56	0.560	10.82	0.56	10.82	E29

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=68.47
- ▶ F113279.dat
- ▶ query=q41565.p1
- ▶ precursor=771.724270
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a±0	b	b*	b±0	y	y*	y±0	AA
L1	41.552	8.524	8.524	22.543	0.524	0.524	1542.420	1533.896	1533.444	L156
R1	154.632	156.100	8.524	134.574	0.524	0.524	1455.961	1471.395	1476.920	R120
R2	154.632	156.100	8.524	139.618	170.106	8.524	1455.961	1476.373	1476.981	R122
L4	221.551	212.650	8.524	219.164	226.647	8.524	1364.830	1359.325	1355.833	L126
L5	217.720	209.391	8.524	209.765	215.189	8.524	1359.325	1359.760	1359.969	L128
Q4	306.228	297.750	8.524	305.213	311.700	8.524	1251.241	1243.241	1242.740	Q24
R7	306.228	297.750	8.524	309.274	308.763	8.524	1221.241	1214.731	1214.230	R125
V6	433.813	425.381	8.524	444.812	438.947	8.524	1141.141	1134.481	1134.019	V129
V9	484.337	475.823	475.371	488.334	489.821	489.339	1095.546	1087.533	1088.043	V121
I10	540.879	532.366	531.874	554.874	546.363	545.871	1045.123	1036.928	1036.431	I123
A11	576.397	567.884	567.392	590.393	581.882	581.390	980.581	980.087	979.575	A119
Q12	689.927	681.393	680.900	694.424	685.911	685.419	951.062	944.549	944.048	Q118
Q13	689.927	681.393	680.900	687.935	674.422	673.930	889.833	880.319	880.227	Q117
Q14	697.448	688.935	688.441	711.444	702.932	702.440	860.322	852.009	851.517	Q116
V12	1146.302	1138.449	1137.971	1160.300	1152.447	1151.974	832.591	823.498	823.006	V115
L10	803.524	795.011	794.521	817.522	809.009	808.517	782.477	773.412	773.412	L104
P17	852.651	843.707	843.000	859.644	851.670	851.670	725.830	717.422	717.019	P113
R16	909.212	900.300	899.800	923.876	914.356	914.356	624.254	617.424	616.925	R114
L18	909.214	901.411	900.800	919.612	911.098	911.098	619.819	610.301	611.874	L111
Q20	939.844	931.111	930.611	943.641	935.438	935.438	581.811	555.332	554.840	Q110
A21	939.842	930.640	930.141	1079.160	1070.646	1070.154	489.811	481.301	480.811	A19
V15	1114.408	1105.981	1105.500	1118.408	1110.100	1110.100	454.751	446.250	445.750	V109
L24	1111.238	1102.720	1102.211	1185.238	1176.722	1176.722	454.751	446.250	445.750	L107
L24	1227.160	1218.200	1217.771	1241.774	1233.260	1232.771	388.221	380.700	380.210	L106
P15	1276.307	1267.781	1267.481	1290.304	1281.774	1281.774	381.811	380.300	380.000	P101
R26	1340.534	1331.921	1331.349	1354.342	1345.830	1345.830	255.531	244.020	244.174	R104
R27	1354.402	1345.880	1345.360	1414.390	1405.880	1405.880	148.100	148.700	148.100	R103
L26	1434.326	1425.412	1424.920	1448.322	1440.410	1439.919	125.300	125.800	125.300	L102
L24	1519.497	1510.920	1510.441	1533.444	1524.911	1524.419	78.419	84.920	85.320	L101

sp | Q6GSS7 | H2A2A_MOUSE

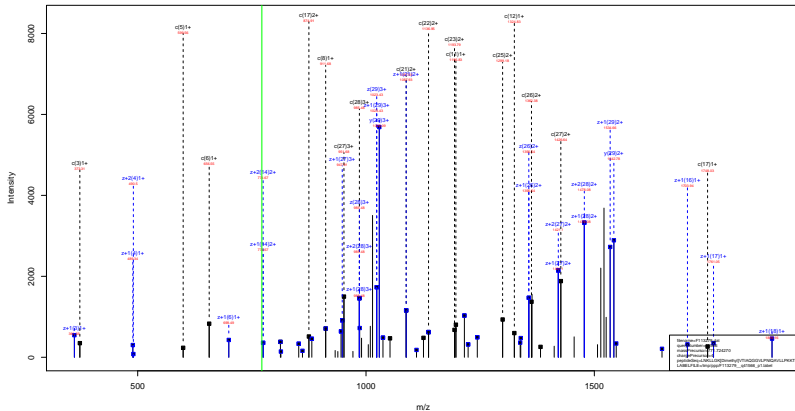
LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=68.47
- ▶ F113279.dat
- ▶ query=q41565.p1
- ▶ precursor=771.724270
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA	
L1	28.178	0.07	0.07	58.102	0.072	0.072	1003.031	1022.966	1022.962	L26	
N2	67.585	61.706	0.672	76.715	71.041	0.672	660.941	665.265	664.937	N26	
K3	110.681	104.407	0.672	119.413	113.739	0.672	952.926	947.251	946.921	K27	
L4	147.778	142.102	0.672	157.109	151.434	0.672	852.225	844.553	844.225	L26	
L5	188.872	179.397	0.672	194.864	189.128	0.672	872.511	866.835	866.510	L26	
Q6	204.478	198.104	0.672	213.611	208.136	0.672	834.839	829.163	828.835	Q24	
K7	256.522	250.248	0.672	265.851	260.176	0.672	815.832	810.156	809.828	K22	
V8	298.544	292.269	0.672	308.878	303.203	0.672	761.709	756.114	755.788	V22	
Y9	323.227	317.551	0.672	332.221	326.545	0.672	730.747	725.071	724.743	Y21	
I10	360.622	354.248	0.641	370.251	364.876	0.641	697.064	691.409	691.081	I20	
A11	384.601	378.225	0.667	394.912	389.237	0.667	650.389	644.714	644.386	A19	
Q12	427.208	421.411	0.626	436.814	430.984	0.626	635.710	630.035	629.707	Q10	
G13	446.204	440.011	0.600	455.245	449.056	0.600	614.141	608.274	607.947	G17	
G14	488.244	482.028	0.612	497.437	491.057	0.612	574.017	568.342	568.014	G16	
V15	508.214	499.929	0.683	517.508	510.766	0.683	525.019	519.154	518.789	V19	
L16	526.619	520.343	0.663	545.505	539.079	0.663	521.987	516.312	515.984	L14	
P17	568.370	562.094	0.627	577.703	572.026	0.627	484.292	478.611	478.280	P13	
N18	606.184	600.708	0.600	615.380	609.904	0.600	606.712	451.942	446.268	445.938	N12
T19	644.678	638.402	0.676	653.410	647.638	0.676	487.407	481.592	480.924	T11	
Q20	686.705	681.189	0.600	696.090	690.421	0.600	376.251	370.571	370.242	Q10	
A21	688.484	704.768	164.440	719.775	714.100	164.440	331.540	327.871	327.542	A10	
V22	712.867	707.191	137.460	732.788	727.123	137.460	380.897	376.162	375.834	V10	
L23	751.151	745.486	175.150	762.943	757.011	175.150	276.944	272.195	271.841	L17	
L24	813.856	813.189	0.627	826.189	822.612	0.627	239.150	234.474	234.146	L16	
P25	851.207	845.511	0.645	860.539	854.863	0.645	281.455	276.706	276.452	P15	
K26	893.806	888.109	0.649	905.460	899.763	0.649	307.413	302.194	301.920	K14	
K27	936.004	930.308	0.600	945.053	939.280	0.600	126.426	121.730	121.402	K15	
T28	970.208	964.611	0.641	975.618	970.192	0.641	81.710	81.027	80.714	T12	
E29	1013.100	1007.022	1007.209	1022.832	1016.956	1016.956	301.020	0.672	44.021	E10	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=97.34
- ▶ F113279.dat
- ▶ query=q41566.p1
- ▶ precursor=771.724270
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.979	1663.915	1646.907	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.874	1435.882	1433.866	P[13]
T[18]	1867.159	1383.810	1377.791	1338.799	1336.783	T[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.576	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2951.905	249.108	233.089	234.097	232.082	T[2]
E[29]	3087.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=97.34
- ▶ F113279.dat
- ▶ query=q41566.p1
- ▶ precursor=771.724270
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	8.504	1533.930	L120
N1	123.054	1485.905	1477.898	1478.402	1477.304	N20
K1	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.781	L25
G16	358.258	1251.755	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
T19	506.849	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	608.909	988.581	980.571	981.075	980.067	A19
G12	662.937	933.065	945.053	945.557	944.549	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	838.035	782.477	774.468	774.972	773.964	L14
T17	874.561	728.935	721.925	722.429	721.421	T13
N18	911.553	677.405	669.395	669.900	668.892	N12
I19	968.125	620.867	612.858	613.362	612.354	I11
Q10	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.311	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.709	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.049	117.552	116.544	T12
E10	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=97.34
- ▶ F113279.dat
- ▶ query=q41566.p1
- ▶ precursor=771.724270
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		0.672	1022.960 L 29
N 2	62.392	990.941	985.601	985.937		985.265 N 28
K 3	125.090	952.026	947.587	947.923		947.251 K 27
L 4	162.795	910.229	904.889	905.225		904.553 L 26
L 5	200.479	872.523	867.124	867.550		866.955 L 25
G 6	219.487	834.839	829.409	829.835		829.161 G 24
K 7	271.529	815.832	810.492	810.828		810.158 K 23
V 8	304.552	763.790	758.450	758.786		758.114 V 22
T 9	336.234	730.767	725.427	725.763		725.091 T 21
I 10	375.929	697.084	691.745	692.081		691.409 I 20
A 11	399.608	659.389	654.050	654.386		653.714 A 19
Q 12	442.294	636.720	630.371	630.707		630.033 Q 18
G 13	461.301	593.024	587.685	588.021		587.349 G 17
G 14	480.308	574.017	568.678	569.013		568.342 G 16
V 15	513.331	555.010	549.670	550.006		549.334 V 15
L 16	551.026	521.987	516.648	516.984		516.312 L 14
F 17	583.377	484.292	478.953	479.289		478.611 F 13
Tu 18	621.391	451.942	446.603	446.939		446.265 Tu 12
I 19	659.086	413.927	408.588	408.924		408.252 I 11
Q 20	701.772	376.213	370.893	371.229		370.551 Q 10
A 21	725.451	333.546	328.207	328.543		327.871 A 9
V 22	758.474	309.867	304.528	304.864		304.192 V 8
L 23	796.168	276.844	271.505	271.841		271.169 L 7
L 24	833.863	239.350	233.910	234.246		233.474 L 6
P 25	866.214	201.655	196.116	196.451		195.785 P 5
K 26	908.912	169.104	163.765	164.101		163.429 K 4
K 27	951.611	126.406	121.066	121.402		120.730 K 3
T 28	985.293	83.708	78.368	78.704		78.032 T 2
E 29	1028.307	50.025	44.685	45.021		44.349 E 1

sp | Q6GSS7 | H2A2A_MOUSE

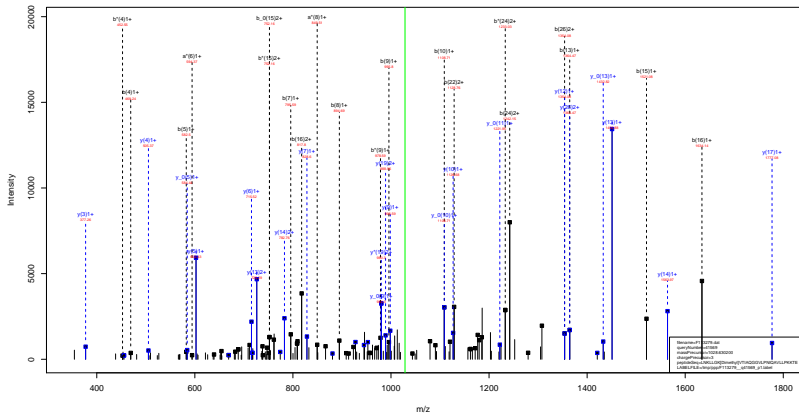
LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=69.14
- ▶ F113279.dat
- ▶ query=q41567_p1
- ▶ precursor=1542.441600
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	r	y*	y,0	AA	
L1	30	30	0.000	0.000	1.14	0.000	0.000	2081.891	1548.020	0.000	L129
N1	32	32	0.000	0.000	1.08	0.000	0.000	2078.952	1545.781	0.000	N130
K1	33	33	0.000	0.000	1.02	0.000	0.000	2076.013	1543.542	0.000	K131
L1	34	34	0.000	0.000	0.96	0.000	0.000	2073.074	1541.303	0.000	L132
L1	35	35	0.000	0.000	0.90	0.000	0.000	2070.135	1539.064	0.000	L133
G1	36	36	0.000	0.000	0.84	0.000	0.000	2067.196	1536.825	0.000	G134
K1	37	37	0.000	0.000	0.78	0.000	0.000	2064.257	1534.586	0.000	K135
V1	38	38	0.000	0.000	0.72	0.000	0.000	2061.318	1532.347	0.000	V136
T1	39	39	0.000	0.000	0.66	0.000	0.000	2058.379	1530.108	0.000	T137
I1	40	40	0.000	0.000	0.60	0.000	0.000	2055.440	1527.869	0.000	I138
A1	41	41	0.000	0.000	0.54	0.000	0.000	2052.501	1525.630	0.000	A139
G1	42	42	0.000	0.000	0.48	0.000	0.000	2049.562	1523.391	0.000	G140
G1	43	43	0.000	0.000	0.42	0.000	0.000	2046.623	1521.152	0.000	G141
G1	44	44	0.000	0.000	0.36	0.000	0.000	2043.684	1518.913	0.000	G142
V1	45	45	0.000	0.000	0.30	0.000	0.000	2040.745	1516.674	0.000	V143
L1	46	46	0.000	0.000	0.24	0.000	0.000	2037.806	1514.435	0.000	L144
P1	47	47	0.000	0.000	0.18	0.000	0.000	2034.867	1512.196	0.000	P145
T1	48	48	0.000	0.000	0.12	0.000	0.000	2031.928	1509.957	0.000	T146
I1	49	49	0.000	0.000	0.06	0.000	0.000	2028.989	1507.718	0.000	I147
G1	50	50	0.000	0.000	0.00	0.000	0.000	2026.050	1505.479	0.000	G148
G1	51	51	0.000	0.000	0.00	0.000	0.000	2023.111	1503.240	0.000	G149
V1	52	52	0.000	0.000	0.00	0.000	0.000	2020.172	1500.999	0.000	V150
L1	53	53	0.000	0.000	0.00	0.000	0.000	2017.233	1498.760	0.000	L151
L1	54	54	0.000	0.000	0.00	0.000	0.000	2014.294	1496.521	0.000	L152
P1	55	55	0.000	0.000	0.00	0.000	0.000	2011.355	1494.282	0.000	P153
T1	56	56	0.000	0.000	0.00	0.000	0.000	2008.416	1492.043	0.000	T154
I1	57	57	0.000	0.000	0.00	0.000	0.000	2005.477	1489.804	0.000	I155
G1	58	58	0.000	0.000	0.00	0.000	0.000	2002.538	1487.565	0.000	G156
K1	59	59	0.000	0.000	0.00	0.000	0.000	2000.000	1485.326	0.000	K157
K1	60	60	0.000	0.000	0.00	0.000	0.000	1997.461	1483.087	0.000	K158
K1	61	61	0.000	0.000	0.00	0.000	0.000	1994.922	1480.848	0.000	K159
K1	62	62	0.000	0.000	0.00	0.000	0.000	1992.383	1478.609	0.000	K160
K1	63	63	0.000	0.000	0.00	0.000	0.000	1989.844	1476.370	0.000	K161
K1	64	64	0.000	0.000	0.00	0.000	0.000	1987.305	1474.131	0.000	K162
K1	65	65	0.000	0.000	0.00	0.000	0.000	1984.766	1471.892	0.000	K163
K1	66	66	0.000	0.000	0.00	0.000	0.000	1982.227	1469.653	0.000	K164
K1	67	67	0.000	0.000	0.00	0.000	0.000	1979.688	1467.414	0.000	K165
K1	68	68	0.000	0.000	0.00	0.000	0.000	1977.149	1465.175	0.000	K166
K1	69	69	0.000	0.000	0.00	0.000	0.000	1974.610	1462.936	0.000	K167
K1	70	70	0.000	0.000	0.00	0.000	0.000	1972.071	1460.697	0.000	K168
K1	71	71	0.000	0.000	0.00	0.000	0.000	1969.532	1458.458	0.000	K169
K1	72	72	0.000	0.000	0.00	0.000	0.000	1966.993	1456.219	0.000	K170
K1	73	73	0.000	0.000	0.00	0.000	0.000	1964.454	1453.980	0.000	K171
K1	74	74	0.000	0.000	0.00	0.000	0.000	1961.915	1451.741	0.000	K172
K1	75	75	0.000	0.000	0.00	0.000	0.000	1959.376	1449.502	0.000	K173
K1	76	76	0.000	0.000	0.00	0.000	0.000	1956.837	1447.263	0.000	K174
K1	77	77	0.000	0.000	0.00	0.000	0.000	1954.298	1445.024	0.000	K175
K1	78	78	0.000	0.000	0.00	0.000	0.000	1951.759	1442.785	0.000	K176
K1	79	79	0.000	0.000	0.00	0.000	0.000	1949.220	1440.546	0.000	K177
K1	80	80	0.000	0.000	0.00	0.000	0.000	1946.681	1438.307	0.000	K178
K1	81	81	0.000	0.000	0.00	0.000	0.000	1944.142	1436.068	0.000	K179
K1	82	82	0.000	0.000	0.00	0.000	0.000	1941.603	1433.829	0.000	K180
K1	83	83	0.000	0.000	0.00	0.000	0.000	1939.064	1431.590	0.000	K181
K1	84	84	0.000	0.000	0.00	0.000	0.000	1936.525	1429.351	0.000	K182
K1	85	85	0.000	0.000	0.00	0.000	0.000	1933.986	1427.112	0.000	K183
K1	86	86	0.000	0.000	0.00	0.000	0.000	1931.447	1424.873	0.000	K184
K1	87	87	0.000	0.000	0.00	0.000	0.000	1928.908	1422.634	0.000	K185
K1	88	88	0.000	0.000	0.00	0.000	0.000	1926.369	1420.395	0.000	K186
K1	89	89	0.000	0.000	0.00	0.000	0.000	1923.830	1418.156	0.000	K187
K1	90	90	0.000	0.000	0.00	0.000	0.000	1921.291	1415.917	0.000	K188
K1	91	91	0.000	0.000	0.00	0.000	0.000	1918.752	1413.678	0.000	K189
K1	92	92	0.000	0.000	0.00	0.000	0.000	1916.213	1411.439	0.000	K190
K1	93	93	0.000	0.000	0.00	0.000	0.000	1913.674	1409.200	0.000	K191
K1	94	94	0.000	0.000	0.00	0.000	0.000	1911.135	1406.961	0.000	K192
K1	95	95	0.000	0.000	0.00	0.000	0.000	1908.596	1404.722	0.000	K193
K1	96	96	0.000	0.000	0.00	0.000	0.000	1906.057	1402.483	0.000	K194
K1	97	97	0.000	0.000	0.00	0.000	0.000	1903.518	1400.244	0.000	K195
K1	98	98	0.000	0.000	0.00	0.000	0.000	1900.979	1398.005	0.000	K196
K1	99	99	0.000	0.000	0.00	0.000	0.000	1898.440	1395.766	0.000	K197
K1	100	100	0.000	0.000	0.00	0.000	0.000	1895.901	1393.527	0.000	K198
K1	101	101	0.000	0.000	0.00	0.000	0.000	1893.362	1391.288	0.000	K199
K1	102	102	0.000	0.000	0.00	0.000	0.000	1890.823	1389.049	0.000	K200

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=84.70
- ▶ F113279.dat
- ▶ query=q41569_p1
- ▶ precursor=1028.630200
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a ^h	a ^o	b	b ^h	b ^o	y	y ^h	y ^o	AA
L1	86.096	0.000	0.000	114.091	0.000	0.000	383.091	0.004869	3029.881	L129
K1	309.192	311.193	0.000	209.194	0.11300	0.000	309.200	0.005783	2092.769	K130
K1	328.234	311.209	0.000	309.249	0.000	0.000	309.255	0.005783	2092.794	K127
L1	141.118	624.202	0.000	469.313	452.207	0.000	272.810	0.111543	2728.029	L126
L1	154.042	617.181	0.000	382.207	0.000	0.000	281.788	0.098759	2727.078	L125
G1	311.424	594.397	0.000	639.418	0.000	0.000	250.521	0.248747	2484.461	G124
K1	187.030	750.524	0.000	795.545	0.178313	0.000	343.480	0.242454	2427.470	K123
V1	694.619	848.592	0.000	894.613	0.177549	0.000	248.594	0.222729	2229.543	V122
L1	187.030	900.592	0.000	905.601	878.615	0.000	377.593	0.150209	2117.250	L121
L1	100.192	983.794	0.000	1108.745	0.011319	1086.735	308.239	0.074211	2077.927	L120
A11	131.107	1124.763	0.000	1129.772	1119.782	0.000	196.772	0.008154	1958.141	A119
G12	1279.848	1277.819	0.000	1307.841	0.000	0.000	190.811	0.003096	1907.708	G118
G13	1336.867	1333.863	0.000	1364.862	0.000	0.000	197.859	0.003096	1929.648	G117
G14	1363.889	1326.882	0.000	1379.879	0.000	0.000	1493.873	0.170107	1703.010	G116
V15	1460.909	1458.911	0.000	1520.925	0.000	0.000	190.942	0.003096	1904.866	V115
L16	1506.941	1509.935	0.000	1634.936	0.011209	0.000	191.936	0.003096	1914.898	L114
L17	1613.964	1598.960	0.000	1628.964	0.111000	0.111000	191.936	0.003096	1914.898	L113
K18	1613.119	1610.113	0.000	1649.113	0.000	0.000	197.917	0.003096	1922.741	K112
L19	1630.223	1633.220	0.000	1695.223	0.000	0.000	196.226	0.003096	1922.741	L111
G19	2038.262	2041.261	0.000	2049.269	0.000	0.000	204.264	0.003096	2041.261	G110
A11	2038.317	2032.310	0.000	2111.309	0.000	0.000	210.317	0.003096	2041.261	A109
V19	2229.301	2231.300	0.000	2259.304	0.000	0.000	229.304	0.003096	2229.301	V108
L121	2241.400	2247.401	0.000	2269.404	0.011400	0.011400	231.400	0.003096	2241.400	L107
L124	2454.533	2457.532	0.000	2436.540	0.000	0.000	2404.538	0.145435	1454.468	L106
K125	2454.608	2454.609	0.000	2436.540	0.000	0.000	2404.538	0.145435	1454.468	K105
K126	2476.702	2482.703	0.000	2487.699	0.000	0.000	248.702	0.003096	248.702	K104
K127	2607.796	2606.793	0.000	2700.789	0.000	0.000	261.793	0.003096	261.793	K103
L128	2608.844	2607.841	0.000	2699.839	0.000	0.000	261.844	0.003096	261.793	L102
K129	2637.838	2636.835	0.000	2636.835	0.000	0.000	267.837	0.003096	267.837	K101

sp | Q6GSS7 | H2A2A_MOUSE

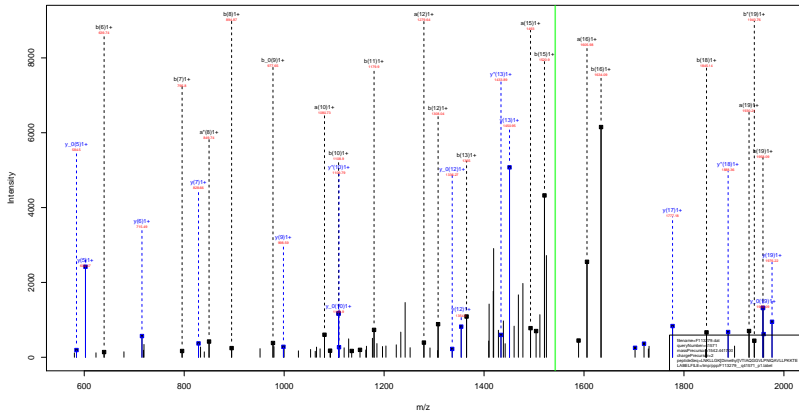
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=84.70
- ▶ F113279.dat
- ▶ query=q41569_p1
- ▶ precursor=1028.630200
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
L13	43.202	0.504	0.500	19.540	0.504	0.504	104.400	133.830	133.326	L129
K12	100.714	0.504	0.500	124.374	0.504	0.504	140.910	241.390	240.886	K104
K13	104.921	150.150	0.504	179.016	179.100	0.504	143.810	1420.373	1419.869	K127
L14	121.181	167.050	0.504	233.160	232.647	0.504	1304.839	1300.327	1299.823	L120
L15	127.100	169.100	0.504	240.700	240.187	0.504	1300.207	1295.700	1295.196	L120
G16	168.710	197.900	0.504	309.210	310.100	0.504	1311.410	1297.200	1296.696	G104
K17	184.470	193.100	0.504	368.770	369.700	0.504	1323.100	1314.710	1314.206	K123
V18	411.011	426.300	0.504	447.011	439.207	0.504	1118.110	1118.600	1118.096	V122
T19	484.110	474.510	475.510	499.104	499.610	0.504	909.100	1005.600	1005.096	T121
R20	440.870	504.300	501.870	504.860	504.360	0.504	430.810	1004.100	1003.596	R101
A11	170.587	187.004	187.392	187.392	181.082	0.504	908.581	900.067	899.563	A119
G12	186.272	631.610	631.424	654.424	663.011	0.504	913.062	944.549	944.045	G103
G13	668.037	680.424	680.610	682.930	674.422	0.718	807.800	800.510	800.007	G127
G14	688.680	688.935	688.943	711.446	707.200	0.718	800.820	802.000	801.510	G126
V15	746.882	728.409	737.077	746.900	752.487	741.974	800.810	801.400	800.896	V100
L100	101.104	101.104	101.104	817.522	800.000	808.517	782.477	773.004	772.477	L104
P117	102.044	102.044	102.044	833.000	807.500	814.000	725.935	717.422	716.930	P115
V118	809.072	809.072	809.072	833.870	814.900	814.064	777.900	808.900	808.396	V102
L119	101.014	807.101	906.609	876.011	871.090	870.606	820.300	811.380	810.876	L121
G125	102.044	102.130	102.044	1043.641	1035.120	1034.600	803.800	803.130	802.626	G110
A121	100.000	100.000	100.000	1078.160	1069.640	1069.140	800.000	801.000	800.496	A101
V122	114.000	1100.110	1100.000	1128.004	1130.180	1119.000	454.200	455.704	455.200	V110
L123	1171.218	1162.720	1162.253	1185.230	1176.722	1170.200	414.300	408.200	407.700	L117
L124	1172.000	1163.700	1163.700	1241.778	1233.265	1232.773	408.200	401.700	401.200	L118
L126	1192.200	1183.700	1183.700	1248.000	1240.500	1240.000	393.800	387.300	386.800	L116
K129	1192.204	1181.000	1181.190	1354.572	1345.000	1344.500	403.100	394.610	394.110	K114
K127	1194.400	1185.000	1185.190	1410.200	1400.700	1400.200	390.100	383.600	383.100	K113
L128	1194.500	1184.410	1184.520	1400.520	1400.010	1400.510	415.000	410.500	410.000	L112
E120	1193.400	1183.000	1183.440	1403.944	1404.910	1404.400	383.000	376.500	376.000	E111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=70.74
- ▶ F113279.dat
- ▶ query=q41571_p1
- ▶ precursor=1542.441700
- ▶ chargePrecursor=2
- ▶ itol=0.5

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L13	263926	0.000	0.000	114.000	0.000	0.000	0.000	2081.000	2080.000	L129
N12	209710	0.000	0.000	228.150	0.000	0.000	0.000	2078.000	2077.000	N10
K13	128.194	0.000	0.000	355.225	0.000	0.000	0.000	2076.000	2075.000	K129
L14	441.116	0.000	0.000	468.113	0.000	0.000	0.000	2120.000	2119.000	L128
L15	324.400	0.000	0.000	582.200	0.000	0.000	0.000	2080.000	2079.000	L127
G13	312.924	0.000	0.000	696.319	0.000	0.000	0.000	2050.000	2049.000	G12
K17	187.000	0.000	0.000	705.345	0.000	0.000	0.000	2420.000	2419.000	K123
V18	288.010	848.592	0.000	894.613	0.000	0.000	0.000	2072.000	2071.000	V122
T19	182.000	0.000	0.000	908.000	0.000	0.000	0.000	1920.000	1919.000	T121
I10	1080.750	1801.158	0.000	1108.745	1081.719	0.000	0.000	2088.200	2087.200	I10
A11	1151.787	1134.764	0.000	1132.777	1179.762	0.000	0.000	1816.154	1908.127	A10
Q12	1279.848	0.000	0.000	1301.841	0.000	0.000	0.000	1900.000	1899.000	Q10
G13	1138.000	1318.000	0.000	1364.862	0.000	0.000	0.000	1777.000	1776.000	G12
G14	1107.000	1376.000	0.000	1471.000	0.000	0.000	0.000	1720.000	1719.000	G10
V15	1492.957	1478.000	0.000	1520.952	1583.926	0.000	0.000	1840.000	1839.000	V10
L16	1506.041	1589.015	0.000	1573.030	0.000	0.000	0.000	1540.000	1539.000	L14
P17	1503.000	1680.000	0.000	1680.000	0.000	0.000	0.000	1433.000	1432.000	P15
N18	1611.000	1800.000	0.000	1845.153	0.000	0.000	0.000	1351.000	1350.000	N10
I19	1930.221	1913.100	0.000	1982.218	1941.190	0.000	0.000	1222.000	1221.000	I11
G120	2088.000	2041.000	0.000	2088.000	2088.000	0.000	0.000	1109.000	1108.000	G118
A121	2099.011	2139.011	0.000	2139.011	2140.000	0.000	0.000	808.000	0.000	A10
V122	2238.000	2211.000	0.000	2238.000	2232.000	0.000	0.000	932.000	931.000	V10
L123	1841.000	2224.000	0.000	2224.000	2212.000	0.000	0.000	820.000	819.000	L10
P124	2028.013	2017.013	0.000	2028.013	2028.013	0.000	0.000	711.000	0.000	P10
P125	2051.000	2054.000	0.000	2051.000	2052.000	0.000	0.000	602.000	0.000	P10
K126	2078.011	2062.011	0.000	2078.011	2078.011	0.000	0.000	590.000	589.000	K14
K127	2087.000	2080.000	0.000	2087.000	2087.000	0.000	0.000	577.000	576.000	K10
L128	2102.000	2091.000	0.000	2102.000	2102.000	0.000	0.000	519.000	518.000	L10
E129	2107.000	2099.000	0.000	2107.000	2107.000	0.000	0.000	518.000	517.000	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.30
- ▶ F113279.dat
- ▶ query=q41572_p1
- ▶ precursor=1028.630400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	b	b'	y	y'	AA
L1	88.050	18.000	0.000	1.14.091	0.000	0.000	3081.892
K1	282.710	128.151	0.000	266.554	0.11.300	0.000	3079.026
R1	328.354	131.200	0.000	356.220	159.200	0.000	3088.783
L4	141.108	428.200	0.000	468.311	482.200	0.000	2728.071
L5	174.401	337.200	0.000	402.207	438.211	0.000	2818.588
G10	811.424	594.350	0.000	639.419	622.360	0.000	2252.525
K17	187.000	780.530	0.000	795.545	478.510	0.000	2448.400
V18	188.014	849.582	0.000	894.613	877.580	0.000	2488.186
L19	867.866	909.540	949.050	938.510	918.530	977.051	2130.255
L10	388.100	388.100	1081.748	1108.745	1091.719	1081.719	3088.218
A11	1151.100	1134.182	1133.777	1178.782	1162.756	1148.732	1810.150
G12	1178.800	1178.800	1178.800	1178.800	1178.800	1178.800	1810.150
G13	1136.800	1139.884	1138.887	1184.882	1167.856	1148.832	1777.684
G14	1151.800	1158.882	1157.878	1202.884	1184.857	1163.831	1720.031
V15	1182.800	1184.880	1184.880	1234.882	1218.856	1198.830	1688.038
L16	1058.941	1039.933	1038.931	1034.936	1017.910	1000.884	1563.947
P17	1010.800	1008.800	1008.800	1011.800	1014.800	1011.800	1450.803
L18	1117.810	1098.810	1098.810	1114.810	1111.810	1111.810	1432.810
L19	1130.810	1111.810	1111.810	1134.810	1131.810	1131.810	1414.810
G20	1018.200	1040.200	1040.200	1018.200	1018.200	1018.200	1329.791
R21	1128.710	1112.710	1112.710	1131.710	1128.710	1128.710	1322.741
K22	1138.720	1120.720	1120.720	1139.720	1136.720	1136.720	1321.741
R23	1148.730	1130.730	1130.730	1149.730	1146.730	1146.730	1320.741
K24	1158.740	1140.740	1140.740	1159.740	1156.740	1156.740	1319.741
K25	1168.750	1150.750	1150.750	1169.750	1166.750	1166.750	1318.741
K26	1178.760	1160.760	1160.760	1179.760	1176.760	1176.760	1317.741
K27	1188.770	1170.770	1170.770	1189.770	1186.770	1186.770	1316.741
K28	1198.780	1180.780	1180.780	1199.780	1196.780	1196.780	1315.741
K29	1208.790	1190.790	1190.790	1209.790	1206.790	1206.790	1314.741
K30	1218.800	1200.800	1200.800	1219.800	1216.800	1216.800	1313.741
K31	1228.810	1210.810	1210.810	1229.810	1226.810	1226.810	1312.741
K32	1238.820	1220.820	1220.820	1239.820	1236.820	1236.820	1311.741
K33	1248.830	1230.830	1230.830	1249.830	1246.830	1246.830	1310.741
K34	1258.840	1240.840	1240.840	1259.840	1256.840	1256.840	1309.741
K35	1268.850	1250.850	1250.850	1269.850	1266.850	1266.850	1308.741
K36	1278.860	1260.860	1260.860	1279.860	1276.860	1276.860	1307.741
K37	1288.870	1270.870	1270.870	1289.870	1286.870	1286.870	1306.741
K38	1298.880	1280.880	1280.880	1299.880	1296.880	1296.880	1305.741
K39	1308.890	1290.890	1290.890	1309.890	1306.890	1306.890	1304.741
K40	1318.900	1300.900	1300.900	1319.900	1316.900	1316.900	1303.741
K41	1328.910	1310.910	1310.910	1329.910	1326.910	1326.910	1302.741
K42	1338.920	1320.920	1320.920	1339.920	1336.920	1336.920	1301.741
K43	1348.930	1330.930	1330.930	1349.930	1346.930	1346.930	1300.741
K44	1358.940	1340.940	1340.940	1359.940	1356.940	1356.940	1299.741
K45	1368.950	1350.950	1350.950	1369.950	1366.950	1366.950	1298.741
K46	1378.960	1360.960	1360.960	1379.960	1376.960	1376.960	1297.741
K47	1388.970	1370.970	1370.970	1389.970	1386.970	1386.970	1296.741
K48	1398.980	1380.980	1380.980	1399.980	1396.980	1396.980	1295.741
K49	1408.990	1390.990	1390.990	1409.990	1406.990	1406.990	1294.741
K50	1418.000	1400.000	1400.000	1419.000	1416.000	1416.000	1293.741

sp | Q6GSS7 | H2A2A_MOUSE

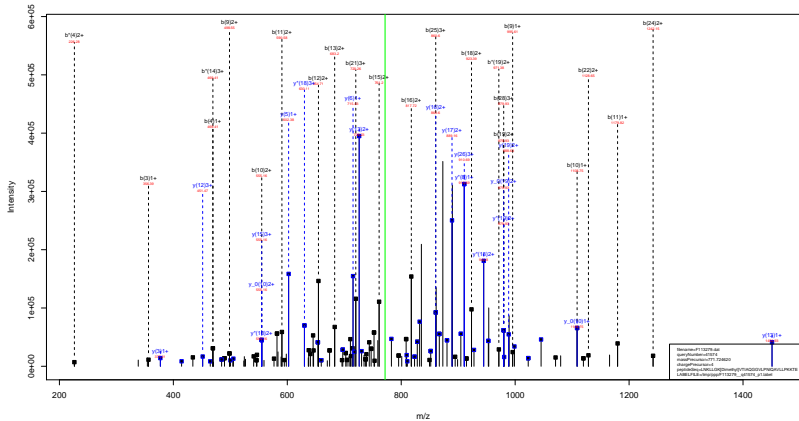
LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=39.30
- ▶ F113279.dat
- ▶ query=q41572_p1
- ▶ precursor=1028.630400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	b	b'	y	y'	AA				
L1	43.532	0.504	0.504	57.549	0.504	0.504	1542.450	1533.936	1533.444	L126	
K1	150.918	0.504	0.504	114.594	0.504	0.504	1426.950	1447.458	1449.966	K126	
R1	154.931	156.150	0.504	116.618	116.156	0.504	1426.950	1435.375	1449.966	K127	
L1	121.183	122.688	0.504	118.160	118.688	0.504	1544.831	1536.325	1535.811	L126	
L1	177.678	180.180	0.504	120.180	120.180	0.504	1467.267	1499.769	1499.769	L125	
Q1	106.126	207.252	0.504	120.213	111.760	0.504	1251.735	1243.241	1242.749	Q124	
K1	184.279	195.780	0.504	146.276	148.311	0.504	1221.264	1214.731	1214.731	K123	
V1	143.414	145.908	0.504	144.410	143.908	0.504	1146.181	1139.667	1136.175	V124	
L1	194.117	176.821	145.131	149.114	149.114	0.504	1095.203	1087.133	1088.561	L121	
L1	140.819	147.366	151.874	154.876	146.366	0.504	1045.471	1039.969	1038.417	L124	
A111	176.167	167.664	167.162	168.160	167.160	167.160	988.581	980.067	979.575	A116	
Q123	848.437	830.921	831.421	834.424	835.411	835.411	951.082	944.549	944.057	Q123	
G123	868.169	860.421	869.922	861.911	874.422	873.910	889.933	884.510	885.021	G117	
G14	837.448	838.933	168.443	711.446	832.933	832.933	866.527	854.030	851.517	G116	
V124	140.819	748.408	149.819	140.810	782.467	781.874	839.011	824.488	823.988	V115	
L124	109.524	795.811	104.522	817.522	808.009	808.517	782.477	773.964	773.472	L114	
L117	182.183	181.181	181.180	181.180	181.180	181.180	857.043	725.935	717.422	716.930	L115
L118	182.183	181.181	181.180	813.179	181.180	181.180	814.178	814.178	814.178	L113	
L116	965.814	977.321	956.609	979.612	971.586	970.586	930.586	920.357	611.874	L111	
Q125	1029.644	1022.130	1022.630	1024.633	1025.130	1024.630	983.630	975.112	974.640	Q122	
A117	1088.944	1080.430	1080.930	1078.160	1079.160	1078.160	1001.160	999.643	999.160	A116	
V123	1114.586	1106.071	1105.571	1118.591	1118.108	1118.608	1054.261	1052.744	1052.267	V118	
L123	1111.240	1102.727	1103.211	1103.710	1118.722	1118.230	1014.710	1013.200	1012.700	L117	
L124	1227.156	1218.642	1219.125	1241.778	1235.265	1232.775	1067.222	1045.705	1045.216	L116	
P124	1276.167	1267.654	1268.154	1268.154	1268.154	1268.154	1011.654	1010.143	1009.634	P119	
K126	1340.314	1331.801	1332.301	1354.352	1345.838	1345.338	1285.338	1283.811	1283.311	K114	
K127	1404.432	1395.919	1396.419	1418.419	1409.904	1409.404	1346.404	1344.877	1344.377	K113	
L124	1334.632	1326.119	1326.619	1326.619	1326.619	1326.619	1266.619	1265.102	1264.602	L118	
E126	1319.447	1310.934	1311.434	1311.444	1311.444	1311.444	1204.444	1202.927	1202.427	E111	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



MassSpec-F112376.daw
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sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=62.06
- ▶ F113279.dat
- ▶ query=q41574.p1
- ▶ precursor=771.724620
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
L1	385	385	0.000	0.000	114	0.000	0.000	3083	3083	3083	L209
R1	392	392	0.000	0.000	120	0.000	0.000	3139	3139	3139	R20
R2	398	398	0.000	0.000	126	0.000	0.000	3195	3195	3195	R21
L2	404	404	0.000	0.000	132	0.000	0.000	3251	3251	3251	L206
L3	410	410	0.000	0.000	138	0.000	0.000	3307	3307	3307	L207
L4	416	416	0.000	0.000	144	0.000	0.000	3363	3363	3363	L208
L5	422	422	0.000	0.000	150	0.000	0.000	3419	3419	3419	L209
L6	428	428	0.000	0.000	156	0.000	0.000	3475	3475	3475	L210
L7	434	434	0.000	0.000	162	0.000	0.000	3531	3531	3531	L211
L8	440	440	0.000	0.000	168	0.000	0.000	3587	3587	3587	L212
L9	446	446	0.000	0.000	174	0.000	0.000	3643	3643	3643	L213
L10	452	452	0.000	0.000	180	0.000	0.000	3699	3699	3699	L214
L11	458	458	0.000	0.000	186	0.000	0.000	3755	3755	3755	L215
L12	464	464	0.000	0.000	192	0.000	0.000	3811	3811	3811	L216
L13	470	470	0.000	0.000	198	0.000	0.000	3867	3867	3867	L217
L14	476	476	0.000	0.000	204	0.000	0.000	3923	3923	3923	L218
L15	482	482	0.000	0.000	210	0.000	0.000	3979	3979	3979	L219
L16	488	488	0.000	0.000	216	0.000	0.000	4035	4035	4035	L220
L17	494	494	0.000	0.000	222	0.000	0.000	4091	4091	4091	L221
L18	500	500	0.000	0.000	228	0.000	0.000	4147	4147	4147	L222
L19	506	506	0.000	0.000	234	0.000	0.000	4203	4203	4203	L223
L20	512	512	0.000	0.000	240	0.000	0.000	4259	4259	4259	L224
L21	518	518	0.000	0.000	246	0.000	0.000	4315	4315	4315	L225
L22	524	524	0.000	0.000	252	0.000	0.000	4371	4371	4371	L226
L23	530	530	0.000	0.000	258	0.000	0.000	4427	4427	4427	L227
L24	536	536	0.000	0.000	264	0.000	0.000	4483	4483	4483	L228
L25	542	542	0.000	0.000	270	0.000	0.000	4539	4539	4539	L229
L26	548	548	0.000	0.000	276	0.000	0.000	4595	4595	4595	L230
L27	554	554	0.000	0.000	282	0.000	0.000	4651	4651	4651	L231
L28	560	560	0.000	0.000	288	0.000	0.000	4707	4707	4707	L232
L29	566	566	0.000	0.000	294	0.000	0.000	4763	4763	4763	L233
L30	572	572	0.000	0.000	300	0.000	0.000	4819	4819	4819	L234
L31	578	578	0.000	0.000	306	0.000	0.000	4875	4875	4875	L235
L32	584	584	0.000	0.000	312	0.000	0.000	4931	4931	4931	L236
L33	590	590	0.000	0.000	318	0.000	0.000	4987	4987	4987	L237
L34	596	596	0.000	0.000	324	0.000	0.000	5043	5043	5043	L238
L35	602	602	0.000	0.000	330	0.000	0.000	5099	5099	5099	L239
L36	608	608	0.000	0.000	336	0.000	0.000	5155	5155	5155	L240
L37	614	614	0.000	0.000	342	0.000	0.000	5211	5211	5211	L241
L38	620	620	0.000	0.000	348	0.000	0.000	5267	5267	5267	L242
L39	626	626	0.000	0.000	354	0.000	0.000	5323	5323	5323	L243
L40	632	632	0.000	0.000	360	0.000	0.000	5379	5379	5379	L244
L41	638	638	0.000	0.000	366	0.000	0.000	5435	5435	5435	L245
L42	644	644	0.000	0.000	372	0.000	0.000	5491	5491	5491	L246
L43	650	650	0.000	0.000	378	0.000	0.000	5547	5547	5547	L247
L44	656	656	0.000	0.000	384	0.000	0.000	5603	5603	5603	L248
L45	662	662	0.000	0.000	390	0.000	0.000	5659	5659	5659	L249
L46	668	668	0.000	0.000	396	0.000	0.000	5715	5715	5715	L250
L47	674	674	0.000	0.000	402	0.000	0.000	5771	5771	5771	L251
L48	680	680	0.000	0.000	408	0.000	0.000	5827	5827	5827	L252
L49	686	686	0.000	0.000	414	0.000	0.000	5883	5883	5883	L253
L50	692	692	0.000	0.000	420	0.000	0.000	5939	5939	5939	L254
L51	698	698	0.000	0.000	426	0.000	0.000	5995	5995	5995	L255
L52	704	704	0.000	0.000	432	0.000	0.000	6051	6051	6051	L256
L53	710	710	0.000	0.000	438	0.000	0.000	6107	6107	6107	L257
L54	716	716	0.000	0.000	444	0.000	0.000	6163	6163	6163	L258
L55	722	722	0.000	0.000	450	0.000	0.000	6219	6219	6219	L259
L56	728	728	0.000	0.000	456	0.000	0.000	6275	6275	6275	L260
L57	734	734	0.000	0.000	462	0.000	0.000	6331	6331	6331	L261
L58	740	740	0.000	0.000	468	0.000	0.000	6387	6387	6387	L262
L59	746	746	0.000	0.000	474	0.000	0.000	6443	6443	6443	L263
L60	752	752	0.000	0.000	480	0.000	0.000	6499	6499	6499	L264
L61	758	758	0.000	0.000	486	0.000	0.000	6555	6555	6555	L265
L62	764	764	0.000	0.000	492	0.000	0.000	6611	6611	6611	L266
L63	770	770	0.000	0.000	498	0.000	0.000	6667	6667	6667	L267
L64	776	776	0.000	0.000	504	0.000	0.000	6723	6723	6723	L268
L65	782	782	0.000	0.000	510	0.000	0.000	6779	6779	6779	L269
L66	788	788	0.000	0.000	516	0.000	0.000	6835	6835	6835	L270
L67	794	794	0.000	0.000	522	0.000	0.000	6891	6891	6891	L271
L68	800	800	0.000	0.000	528	0.000	0.000	6947	6947	6947	L272
L69	806	806	0.000	0.000	534	0.000	0.000	7003	7003	7003	L273
L70	812	812	0.000	0.000	540	0.000	0.000	7059	7059	7059	L274
L71	818	818	0.000	0.000	546	0.000	0.000	7115	7115	7115	L275
L72	824	824	0.000	0.000	552	0.000	0.000	7171	7171	7171	L276
L73	830	830	0.000	0.000	558	0.000	0.000	7227	7227	7227	L277
L74	836	836	0.000	0.000	564	0.000	0.000	7283	7283	7283	L278
L75	842	842	0.000	0.000	570	0.000	0.000	7339	7339	7339	L279
L76	848	848	0.000	0.000	576	0.000	0.000	7395	7395	7395	L280
L77	854	854	0.000	0.000	582	0.000	0.000	7451	7451	7451	L281
L78	860	860	0.000	0.000	588	0.000	0.000	7507	7507	7507	L282
L79	866	866	0.000	0.000	594	0.000	0.000	7563	7563	7563	L283
L80	872	872	0.000	0.000	600	0.000	0.000	7619	7619	7619	L284
L81	878	878	0.000	0.000	606	0.000	0.000	7675	7675	7675	L285
L82	884	884	0.000	0.000	612	0.000	0.000	7731	7731	7731	L286
L83	890	890	0.000	0.000	618	0.000	0.000	7787	7787	7787	L287
L84	896	896	0.000	0.000	624	0.000	0.000	7843	7843	7843	L288
L85	902	902	0.000	0.000	630	0.000	0.000	7899	7899	7899	L289
L86	908	908	0.000	0.000	636	0.000	0.000	7955	7955	7955	L290
L87	914	914	0.000	0.000	642	0.000	0.000	8011	8011	8011	L291
L88	920	920	0.000	0.000	648	0.000	0.000	8067	8067	8067	L292
L89	926	926	0.000	0.000	654	0.000	0.000	8123	8123	8123	L293
L90	932	932	0.000	0.000	660	0.000	0.000	8179	8179	8179	L294
L91	938	938	0.000	0.000	666	0.000	0.000	8235	8235	8235	L295
L92	944	944	0.000	0.000	672	0.000	0.000	8291	8291	8291	L296
L93	950	950	0.000	0.000	678	0.000	0.000	8347	8347	8347	L297
L94	956	956	0.000	0.000	684	0.000	0.000	8403	8403	8403	L298
L95	962	962	0.000	0.000	690	0.000	0.000	8459	8459	8459	L299
L96	968	968	0.000	0.000	696	0.000	0.000	8515	8515	8515	L300
L97	974	974	0.000	0.000	702	0.000	0.000	8571	8571	8571	L301
L98	980	980	0.000	0.000	708	0.000	0.000	8627	8627	8627	L302
L99	986	986	0.000	0.000	714	0.000	0.000	8683	8683	8683	L303
L100	992	992	0.000	0.000	720	0.000	0.000	8739	8739	8739	L304
L101	998	998	0.000	0.000	726	0.000	0.000	8795	8795	8795	L305
L102	1004	1004	0.000	0.000	732	0.000	0.000	8851	8851	8851	L306
L103	1010	1010	0.000	0.000	738	0.000	0.000	8907	8907	8907	L307
L104	1016	1016	0.000	0.000	744	0.000	0.000	8963	8963	8963	L308
L105	1022	1022	0.000	0.000	750	0.000	0.000	9019	9019	9019	L309
L106	1028	1028	0.000	0.000	756	0.000	0.000	9075			

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LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=62.06
- ▶ F113279.dat
- ▶ query=q41574.p1
- ▶ precursor=771.724620
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA	
L1	43	332	0.504	0.504	57.949	0.504	0.504	1542.450	1531.930	1531.944	L29
R1	100	333	0.504	0.504	57.949	0.504	0.504	1493.933	1483.413	1483.427	R20
R1	104	333	1.008	0.504	57.949	0.504	0.504	1428.930	1420.371	1420.385	R27
L1	121	333	1.008	0.504	57.949	0.504	0.504	1304.930	1296.371	1296.385	L26
L1	127	333	1.008	0.504	57.949	0.504	0.504	1200.930	1192.371	1192.385	L25
Q1	156	333	1.008	0.504	57.949	0.504	0.504	1051.930	1043.371	1043.385	Q24
R1	167	333	1.008	0.504	57.949	0.504	0.504	1021.930	1013.371	1013.385	R23
V1	183	333	1.008	0.504	57.949	0.504	0.504	1152.930	1144.371	1144.385	V22
L1	194	333	1.008	0.504	57.949	0.504	0.504	1095.930	1087.371	1087.385	L21
L10	548	879	1.512	0.504	57.949	0.504	0.504	1045.123	1036.564	1036.578	L20
A11	576	297	1.008	0.504	57.949	0.504	0.504	988.521	980.962	979.975	A16
Q12	586	427	0.504	0.504	654.424	0.504	0.504	945.419	935.860	935.874	Q10
Q13	588	427	0.504	0.504	656.932	0.504	0.504	889.815	880.256	880.270	Q17
Q14	607	448	0.504	0.504	711.446	0.504	0.504	866.572	857.013	857.027	Q16
V15	746	987	1.512	0.504	740.989	0.504	0.504	751.974	742.415	742.429	V13
L10	853	558	1.008	0.504	817.522	0.504	0.504	782.477	772.918	772.932	L14
R17	852	851	0.504	0.504	823.870	0.504	0.504	725.935	717.422	716.930	R13
R18	888	77	0.504	0.504	823.870	0.504	0.504	614.864	605.351	605.365	R12
L10	905	514	0.504	0.504	939.812	0.504	0.504	525.581	517.070	517.084	L11
Q19	929	644	1.008	0.504	920.838	0.504	0.504	481.689	473.176	473.190	Q19
A21	1054	342	1.008	0.504	1055.342	0.504	0.504	408.816	400.257	400.271	A18
V22	1114	750	1.008	0.504	1120.961	0.504	0.504	311.840	303.281	303.295	V18
L23	1111	230	1.008	0.504	1162.521	0.504	0.504	414.783	406.224	406.238	L17
L24	1227	730	1.008	0.504	1241.778	0.504	0.504	332.773	324.214	324.228	L16
R25	1276	349	1.008	0.504	1282.354	0.504	0.504	231.349	222.790	222.804	R19
R26	1340	354	1.008	0.504	1354.349	0.504	0.504	253.133	244.574	244.588	R18
R27	1354	422	1.008	0.504	1366.344	0.504	0.504	189.385	180.826	180.840	R15
L24	1374	438	1.008	0.504	1386.339	0.504	0.504	149.819	141.260	141.274	L15
E20	1510	441	1.008	0.504	1522.342	0.504	0.504	74.534	65.975	65.989	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=92.26
- ▶ F113279.dat
- ▶ query=q41575.p1
- ▶ precursor=771.724620
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
G[6]	656.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.093	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.979	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1450.893	1434.864	1435.852	1433.836	F[13]
TW[18]	1867.159	1383.810	1337.791	1338.799	1336.783	TW[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2951.905	249.108	233.089	234.097	232.082	T[2]
E[29]	3087.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=92.26
- ▶ F113279.dat
- ▶ query=q41575.p1
- ▶ precursor=771.724620
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.093	1542.450	1534.440	9.504	1533.930	L120
N1	123.084	1485.908	1477.898	1478.402	1477.304	N20
K1	187.132	1428.888	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.758	1251.795	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
F19	506.840	1095.646	1087.637	1088.141	1087.133	F21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	608.608	988.581	980.571	981.075	980.067	A19
Q12	662.937	933.060	925.053	925.557	924.549	Q18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	812.011	804.002	804.506	803.498	V15
L16	820.025	762.477	754.468	754.972	753.964	L14
F17	874.561	725.935	717.928	718.432	717.424	F19
N18	931.583	677.400	669.390	669.903	668.895	N12
I19	988.125	630.867	622.858	623.362	622.354	I11
Q20	1052.154	583.848	575.838	576.342	575.334	Q10
A21	1087.673	499.816	491.807	492.311	491.303	A0
V22	1137.207	404.297	406.288	406.792	405.784	V8
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.213	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E1

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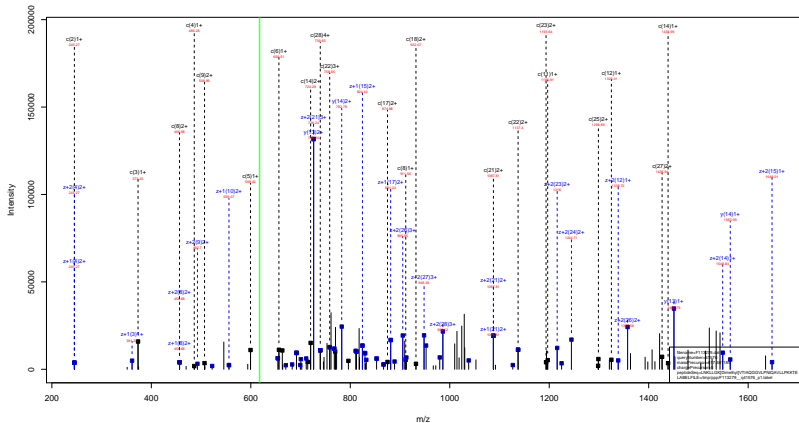
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=92.26
- ▶ F113279.dat
- ▶ query=q41575.p1
- ▶ precursor=771.724620
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.960	L29
N2	82.392	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.587	947.923	947.251	K27
L4	162.795	910.228	904.897	904.225	904.553	L26
L5	200.479	872.533	867.194	867.530	866.858	L25
G6	219.487	834.838	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	761.790	756.450	756.786	756.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	638.710	633.371	633.707	633.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.292	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.088	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.548	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.861	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P5
K26	928.532	169.104	163.765	164.101	163.429	K4
K27	951.611	126.406	121.066	121.402	120.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.397	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.36
- ▶ F113279.dat
- ▶ query=q41576.p1
- ▶ precursor=617.581180
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3087.873	0.000	3066.895	L[29]
N[2]	245.161	2970.838	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.795	2860.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.588	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.507	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2389.354	2373.335	2374.343	2372.327	V[22]
T[9]	1012.688	2196.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1869.117	1853.098	1854.106	1852.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1450.863	1434.864	1435.872	1433.856	F[13]
T[18]	1862.159	1393.810	1377.791	1378.799	1376.783	T[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.510	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.439	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.290	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.36
- ▶ F113279.dat
- ▶ query=q41576.p1
- ▶ precursor=617.581180
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1542.450	1534.440	0.504	1533.930	L[29]
N[2]	123.084	1485.908	1477.898	1478.402	1477.304	N[28]
K[3]	187.132	1428.886	1420.877	1421.381	1420.373	K[27]
L[4]	243.674	1364.839	1356.829	1357.333	1356.325	L[26]
L[5]	300.216	1308.297	1300.287	1300.791	1299.783	L[25]
Q[6]	358.758	1251.755	1243.745	1244.249	1243.241	Q[24]
K[7]	406.789	1223.244	1215.234	1215.738	1214.731	K[23]
V[8]	456.324	1145.181	1137.171	1137.675	1136.667	V[22]
T[9]	506.848	1095.646	1087.637	1088.141	1087.133	T[21]
I[10]	563.390	1045.123	1037.113	1037.617	1036.609	I[20]
A[11]	609.838	988.581	980.571	981.075	980.067	A[19]
Q[12]	662.937	933.062	925.053	925.557	924.549	Q[18]
G[13]	691.448	889.033	881.023	881.527	880.519	G[17]
G[14]	719.959	860.522	852.513	853.017	852.009	G[16]
V[15]	769.493	832.011	824.002	824.506	823.498	V[15]
L[16]	826.035	782.477	774.468	774.972	773.964	L[14]
F[17]	874.561	725.935	717.926	718.430	717.422	F[13]
T[18]	931.583	677.406	669.396	669.903	668.895	T[12]
I[19]	988.125	620.387	612.378	612.882	611.874	I[11]
Q[20]	1052.154	563.845	555.836	556.340	555.332	Q[10]
A[21]	1087.673	499.816	491.807	492.310	491.303	A[9]
V[22]	1137.207	464.297	456.288	456.792	455.784	V[8]
L[23]	1193.749	414.763	406.754	407.258	406.250	L[7]
L[24]	1259.291	358.221	350.212	350.716	349.708	L[6]
P[25]	1298.817	301.679	293.670	294.174	293.166	P[5]
K[26]	1362.865	253.153	245.143	245.647	244.639	K[4]
K[27]	1426.912	189.105	181.096	181.600	180.592	K[3]
T[28]	1477.436	125.058	117.048	117.552	116.544	T[2]
E[29]	1541.958	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.36
- ▶ F113279.dat
- ▶ query=q41576.p1
- ▶ precursor=617.581180
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
L	1	44.377	1028.035	1021.295	0.672	1022.960	L29
N	2	82.302	990.943	985.601	985.937	985.265	N28
K	3	125.090	952.926	947.587	947.923	947.251	K27
L	4	162.385	910.229	904.889	905.225	904.553	L26
L	5	200.479	872.533	867.194	867.530	866.858	L25
G	6	239.487	834.839	829.499	829.835	829.163	G24
K	7	271.529	815.832	810.492	810.828	810.156	K23
V	8	304.552	783.790	758.450	758.786	758.114	V22
Y	9	338.234	730.767	725.427	725.763	725.091	Y21
V	10	375.929	697.084	691.745	692.081	691.409	V20
A	11	399.608	659.389	654.050	654.386	653.714	A19
Q	12	442.294	636.735	587.371	630.707	630.035	Q18
Q	13	461.301	593.024	587.685	588.021	587.349	Q17
G	14	480.308	574.017	568.678	569.013	568.342	G16
V	15	513.331	555.010	549.670	550.006	549.334	V15
L	16	551.026	521.987	516.648	516.984	516.312	L14
P	17	583.377	484.292	478.953	479.289	478.617	P13
N	18	621.391	451.942	446.602	446.938	446.266	N12
T	19	659.086	413.927	408.588	408.924	408.252	T11
Q	20	701.772	376.231	370.893	371.229	370.557	Q10
A	21	725.451	333.540	328.207	328.543	327.871	A9
V	22	758.474	309.807	304.428	304.804	304.192	V8
L	23	796.168	276.844	271.505	271.841	271.169	L7
L	24	833.863	239.150	233.810	234.146	233.474	L6
P	25	866.214	201.455	196.116	196.451	195.780	P5
K	26	908.912	169.104	163.765	164.101	163.429	K4
K	27	951.611	126.806	121.468	121.802	121.130	K3
L	28	985.293	83.709	78.369	78.704	78.032	L2
E	29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

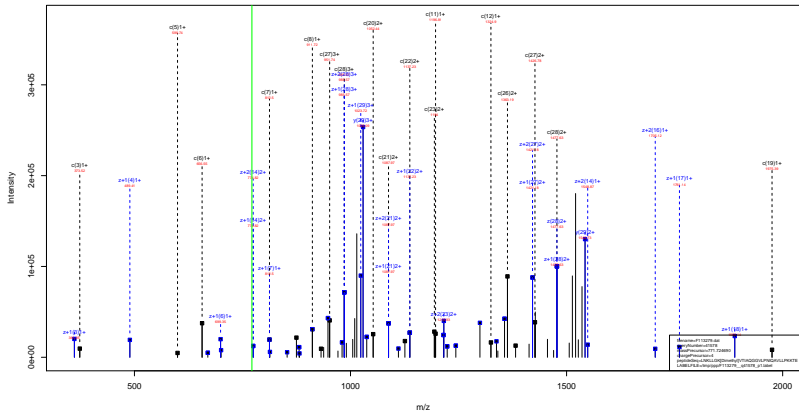
LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=51.36
- ▶ F113279.dat
- ▶ query=q41576.p1
- ▶ precursor=617.581180
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	33.535	771.728	767.724	0.758	767.412	L[29]
N[2]	62.046	743.451	739.453	739.705	739.201	N[28]
K[3]	94.059	714.941	710.942	711.194	710.690	K[27]
L[4]	122.340	682.923	678.918	678.170	678.666	L[26]
L[5]	150.611	654.652	650.647	650.899	650.395	L[25]
G[6]	164.867	626.381	622.376	622.628	622.124	G[24]
K[7]	203.898	612.126	608.121	608.373	607.869	K[23]
V[8]	228.665	573.094	569.089	569.341	568.837	V[22]
T[9]	253.927	548.327	544.322	544.574	544.070	T[21]
T[10]	262.198	523.065	519.060	519.312	518.808	T[20]
A[11]	269.958	494.794	490.789	491.041	490.537	A[19]
Q[12]	331.972	477.035	473.030	473.282	472.778	Q[18]
G[13]	346.228	445.020	441.015	441.267	440.763	G[17]
G[14]	360.483	430.765	426.760	427.012	426.508	G[16]
V[15]	385.250	416.509	412.505	412.757	412.253	V[15]
L[16]	413.521	391.742	387.737	387.989	387.486	L[14]
P[17]	437.784	363.471	359.466	359.718	359.215	P[13]
N[18]	466.295	339.208	335.203	335.455	334.951	N[12]
T[19]	494.566	310.897	306.891	307.143	306.641	T[11]
Q[20]	526.381	282.426	278.422	278.673	278.170	Q[10]
A[21]	544.340	250.412	246.407	246.659	246.155	A[9]
V[22]	569.107	232.652	228.648	228.900	228.396	V[8]
L[23]	597.378	207.885	203.881	204.132	203.629	L[7]
L[24]	625.649	179.614	175.609	175.861	175.358	L[6]
P[25]	649.912	151.343	147.338	147.590	147.087	P[5]
K[26]	681.936	127.080	123.075	123.327	122.823	K[4]
K[27]	713.960	95.056	91.052	91.304	90.800	K[3]
T[28]	739.222	63.032	59.028	59.280	58.776	T[2]
E[29]	771.462	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=86.00
- ▶ F113279.dat
- ▶ query=q41578.p1
- ▶ precursor=771.724690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1244.867	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.026	1703.010	G[16]
V[15]	1537.879	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1490.893	1474.864	1475.852	1473.836	F[13]
Tu[18]	1852.159	1383.810	1337.791	1338.799	1336.783	Tu[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.968	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=86.00
- ▶ F113279.dat
- ▶ query=q41578.p1
- ▶ precursor=771.724690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	8.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.758	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.840	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T120
A11	608.908	988.581	980.571	981.075	980.067	A119
Q12	662.937	933.060	925.053	925.557	924.549	Q118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	820.035	782.477	774.468	774.972	773.964	L114
F17	874.561	728.935	721.928	722.432	721.424	F113
N18	931.583	677.400	669.390	669.903	668.895	N112
I19	988.125	620.867	612.858	613.362	612.354	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A11	1087.673	499.816	491.807	492.311	491.303	A109
V12	1137.207	484.297	476.288	476.792	475.784	V108
L13	1193.749	414.763	406.754	407.258	406.250	L107
L14	1250.291	358.221	350.212	350.716	349.708	L106
P15	1298.817	301.679	293.670	294.174	293.166	P105
K16	1362.865	253.153	245.143	245.647	244.639	K104
K17	1426.912	189.105	181.096	181.600	180.592	K103
T18	1477.436	125.058	117.048	117.552	116.544	T102
E19	1541.958	74.534	66.524	67.028	66.021	E101

sp | Q6GSS7 | H2A2A_MOUSE

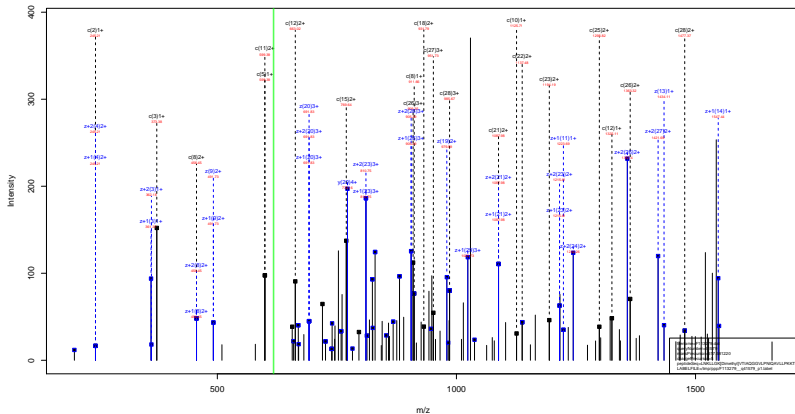
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=86.00
- ▶ F113279.dat
- ▶ query=q41578.p1
- ▶ precursor=771.724690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1023.660	L[29]
N[2]	62.302	090.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.326	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.269	905.225	904.551	L[26]
L[5]	200.479	872.531	867.194	867.530	866.858	L[25]
G[6]	239.487	834.835	829.499	829.835	829.163	G[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	763.790	758.450	758.786	758.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	659.389	654.050	654.386	653.714	A[19]
Q[12]	442.294	626.710	621.371	621.707	621.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.131	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
P[17]	583.377	484.202	478.863	479.209	478.537	P[13]
N[18]	621.391	451.942	446.602	446.938	446.266	N[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.546	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.188	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.150	233.810	234.146	233.474	L[6]
T[25]	869.214	201.455	196.116	196.452	195.780	T[5]
K[26]	908.912	169.100	163.760	164.100	163.429	K[4]
K[27]	951.611	138.406	133.066	133.402	132.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.82
- ▶ F113279.dat
- ▶ query=q41579_p1
- ▶ precursor=617.581220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	131.118	3083.802	2067.873	0.000	3066.885	L26
N2	245.161	2970.808	2954.789	2955.797	2953.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	488.340	2728.670	2712.651	2713.659	2711.643	L26
L5	999.424	2615.586	2599.567	2600.575	2598.559	L25
G6	656.445	2502.502	2486.483	2487.491	2485.475	G24
K7	812.572	2445.480	2429.462	2430.469	2428.454	K23
V8	911.640	2389.354	2373.335	2374.343	2372.327	V22
T9	1012.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1129.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1324.867	1909.111	1893.092	1894.100	1892.084	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.979	1603.015	1587.997	1589.004	1587.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
T17	1768.116	1450.883	1434.864	1435.872	1433.856	T13
N18	1882.159	1353.810	1337.791	1338.799	1336.783	N12
I19	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	827.587	811.569	812.576	810.561	V8
L23	2389.491	629.519	612.500	613.508	611.492	L7
L24	2499.575	415.435	699.416	700.424	698.408	L6
P25	2596.628	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.818	377.203	361.184	362.192	360.177	K3
T28	2953.865	249.108	233.089	234.097	232.082	T2
E29	3082.008	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.82
- ▶ F113279.dat
- ▶ query=q41579.p1
- ▶ precursor=617.581220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.850	1524.440	9.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.888	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.758	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.640	1095.646	1087.637	1088.141	1087.133	F121
T10	563.590	1045.123	1037.113	1037.617	1036.609	T20
A11	586.908	988.581	980.571	981.075	980.067	A119
G12	602.837	933.062	925.053	925.557	924.549	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
F17	874.581	725.335	717.326	717.830	716.822	F113
N18	931.583	677.805	669.399	669.903	668.895	N112
I19	988.125	630.287	622.278	622.782	621.774	I111
Q10	1042.154	583.845	575.836	576.340	575.332	Q110
A11	1087.673	499.816	491.807	492.310	491.303	A10
V12	1137.207	404.297	456.288	456.792	455.784	V10
L13	1193.749	414.763	406.754	407.258	406.250	L11
L14	1250.291	358.221	350.212	350.716	349.708	L10
P15	1298.817	301.679	293.670	294.174	293.166	P10
K16	1362.865	253.153	245.143	245.647	244.639	K14
K17	1428.912	199.105	191.096	191.600	190.592	K13
T18	1477.436	125.058	117.048	117.552	116.544	T12
E19	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=57.82
- ▶ F113279.dat
- ▶ query=q41579_p1
- ▶ precursor=617.581220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[29]
N[2]	82.392	990.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.926	947.577	947.923	947.251	K[27]
L[4]	162.795	910.228	904.889	905.225	904.581	L[26]
L[5]	200.479	872.533	867.194	867.530	866.858	L[25]
G[6]	219.487	834.839	829.499	829.835	829.163	G[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.952	761.790	758.450	758.786	758.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.929	687.084	691.745	692.081	691.409	I[20]
A[11]	399.608	659.389	654.050	654.386	653.714	A[19]
Q[12]	442.294	638.716	630.371	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
P[17]	583.377	484.292	478.953	479.289	478.617	P[13]
N[18]	607.394	451.942	446.602	446.938	446.266	N[12]
I[19]	659.886	413.927	408.588	408.924	408.252	I[11]
Q[20]	703.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.548	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.150	233.810	234.146	233.474	L[6]
P[25]	866.234	201.455	196.116	196.451	195.780	P[5]
K[26]	908.812	159.104	153.765	154.101	153.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.397	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=57.82
- ▶ F113279.dat
- ▶ query=q41579_p1
- ▶ precursor=617.581220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
L	1	33.535	771.726	767.724	0.756	767.472	L ₂₉
N	2	62.046	743.451	739.453	739.705	739.201	N ₂₆
K	3	94.059	714.941	710.94	711.194	710.690	K ₂₇
L	4	122.340	687.923	678.918	679.170	678.666	L ₂₆
L	5	150.611	654.652	650.647	650.899	650.395	L ₂₅
G	6	164.867	626.381	622.376	622.628	622.124	G ₂₄
K	7	203.898	612.126	608.121	608.373	607.869	K ₂₃
V	8	228.665	573.094	569.089	569.341	568.837	V ₂₂
T	9	253.927	548.327	544.322	544.574	544.070	T ₂₁
T	10	262.198	523.065	519.060	519.312	518.808	T ₂₀
A	11	269.958	494.794	490.789	491.041	490.537	A ₁₉
Q	12	331.972	477.035	473.030	473.282	472.778	Q ₁₈
G	13	346.228	445.020	441.015	441.267	440.763	G ₁₇
G	14	350.483	430.765	426.760	427.012	426.508	G ₁₆
V	15	385.250	416.509	412.505	412.757	412.253	V ₁₅
L	16	413.521	391.742	387.737	387.989	387.486	L ₁₄
P	17	437.784	363.471	359.466	359.718	359.215	P ₁₃
N	18	466.295	339.208	335.203	335.455	334.951	N ₁₂
T	19	494.566	310.897	306.891	307.143	306.641	T ₁₁
Q	20	525.381	282.426	278.422	278.673	278.170	Q ₁₀
A	21	544.340	250.412	246.407	246.659	246.155	A ₉
V	22	569.107	232.652	228.646	228.898	228.396	V ₈
L	23	597.378	207.885	203.881	204.132	203.629	L ₇
L	24	625.649	179.614	175.609	175.861	175.358	L ₆
P	25	649.912	151.343	147.338	147.590	147.087	P ₅
K	26	681.936	127.080	123.075	123.327	122.823	K ₄
K	27	713.960	95.056	91.052	91.304	90.800	K ₃
T	28	739.222	63.032	59.028	59.280	58.776	T ₂
E	29	771.462	37.771	33.766	34.018	33.514	E ₁

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=89.03
- ▶ F113279.dat
- ▶ query=q41580.p1
- ▶ precursor=771.724860
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.559	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2248.394	2233.335	2274.343	2272.327	V[22]
T[9]	1017.688	2100.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1805.111	1806.068	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.879	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.864	1435.852	1433.836	P[13]
TW[18]	1867.159	1383.810	1337.791	1338.799	1336.783	TW[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	996.624	980.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	693.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3087.908	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=89.03
- ▶ F113279.dat
- ▶ query=q41580.p1
- ▶ precursor=771.724860
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.304	N020
K13	187.132	1428.889	1420.877	1421.381	1420.373	K027
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1309.297	1309.791	1309.701	L125
G16	358.759	1251.795	1243.745	1244.249	1243.241	G024
K17	406.799	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
T19	506.840	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T020
A11	608.909	988.581	989.571	990.075	990.067	A119
G12	662.937	933.060	933.053	933.557	934.549	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	830.035	782.477	774.468	774.972	773.964	L114
T17	874.561	728.935	719.926	719.430	717.422	T113
N18	931.583	677.400	669.390	669.903	668.895	N112
I19	988.125	620.867	612.858	612.862	611.874	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	494.297	486.288	486.792	485.784	V10
L23	1193.749	414.763	406.754	407.258	406.250	L11
L24	1250.291	358.221	350.212	350.716	349.708	L10
P25	1298.817	301.679	293.670	294.174	293.166	P10
K26	1362.865	253.153	245.143	245.647	244.639	K10
K27	1426.912	189.105	181.096	181.600	180.592	K10
T28	1477.436	125.058	117.049	117.552	116.544	T10
E29	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=89.03
- ▶ F113279.dat
- ▶ query=q41580.p1
- ▶ precursor=771.724860
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1023.660	L29
N2	62.302	090.941	985.601	985.937	985.265	N28
K3	125.090	952.326	947.587	947.923	947.251	K27
L4	162.785	910.228	904.869	905.225	904.551	L26
L5	200.479	872.531	867.194	867.530	866.858	L25
G6	239.487	834.835	829.499	829.835	829.163	G24
K7	271.529	815.833	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	389.608	699.389	654.050	654.386	653.714	A19
Q12	442.294	636.710	630.371	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.863	479.209	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.493	196.154	196.490	195.818	T5
K26	908.912	169.103	163.765	164.101	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=65.97
- ▶ F113279.dat
- ▶ query=q41581_p1
- ▶ precursor=1028.630800
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	r	y*	y,0	AA	
L1	38	392	0	0	0	0	0	0	0	L129	
N1	138	139	0	0	0	0	0	0	0	N130	
K1	138	134	111	280	0	0	0	0	0	K127	
L14	441	418	424	202	0	0	0	0	0	L128	
L15	104	102	0	0	0	0	0	0	0	L129	
G16	811.424	394.397	0	0	582.397	0	0	0	0	G125	
K17	187	182	187	184	0	0	0	0	0	K123	
V18	866.619	848.592	0	0	894.613	877.587	0	0	0	V122	
T19	187.656	0	0	0	905.661	0	0	0	0	T121	
I20	108	105	1083.724	1087.745	1108.745	1081.719	0	0	0	I20	
A11	1131	107	1134	104	1132.777	1119.762	1162.736	1161.762	1160.754	A109	
Q12	1179	108	1182	104	1181.811	1180.844	1180.844	1180.811	1180.804	Q118	
G13	1138	107	1139	104	1138.862	1147.836	1146.862	1177.850	1168.833	G117	
G14	1187	107	1176	103	1187.894	1184.867	1183.891	1182.867	1182.859	G116	
V15	1492.957	1479.941	1474.944	1520.932	1519.916	1518.942	1518.916	1518.911	1518.904	V115	
L16	1519	1514	1519	1514	1514.930	1511.910	1511.910	1561.947	1548.926	L114	
P17	1513	1514	1510	1508	1510.984	1511.989	1514.983	1561.983	1433.936	P113	
L18	1511	1510	1511	1510	1511.997	1510.995	1510.997	1551.910	1538.891	L113	
I19	1511	1511	1511	1511	1512.012	1511.004	1511.004	1522.941	1521.927	I111	
Q120	1510	1509	1511	1509	1510.020	1509.013	1509.013	1510.000	1509.988	1108.672	Q110
A11	1509	1511	1510	1509	1510.035	1509.028	1509.028	1510.000	1509.988	1509.984	A108
V122	1508	1506	1511	1506	1510.050	1509.043	1509.043	1510.000	1509.988	1509.984	V110
L123	1507	1506	1507	1506	1508.065	1507.058	1507.058	827.587	818.561	L110	
L124	1506	1505	1507	1506	1508.080	1507.073	1507.073	828.510	819.484	L107	
L125	1505	1504	1506	1505	1508.095	1507.088	1507.088	713.438	688.468	887.424	L101
P126	1504	1503	1504	1503	1507.110	1506.103	1506.103	682.351	588.324	584.340	P106
K128	1503	1501	1504	1501	1507.125	1506.118	1506.118	500.290	488.277	487.267	K114
K127	1502	1500	1503	1500	1507.140	1506.133	1506.133	377.203	368.177	358.193	K113
L129	1502	1504	1501	1511	1506.155	1505.148	1505.148	1506.133	1505.116	1505.102	L112
E121	1501	1500	1501	1501	1506.170	1505.163	1505.163	1506.133	1505.116	1505.102	E111

sp | Q6GSS7 | H2A2A_MOUSE

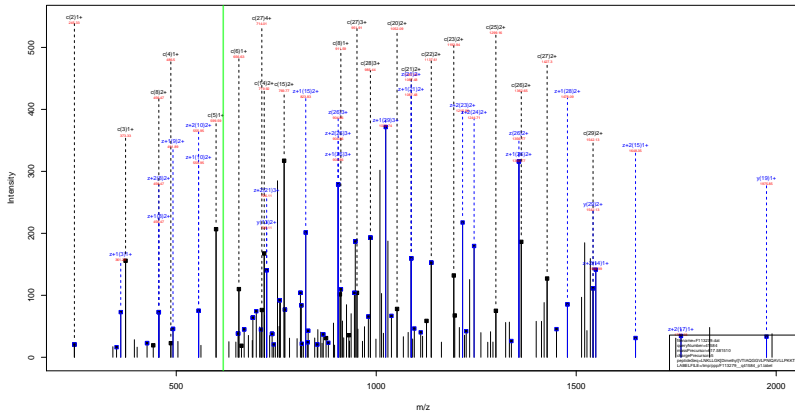
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=65.97
- ▶ F113279.dat
- ▶ query=q41581_p1
- ▶ precursor=1028.630800
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,Δ	b	b'	b,Δ	y	y'	y,Δ	AA	
L1	45	901	0.500	0.500	07944	0.504	0.504	1007.490	1113.034	1113.444	L120
N1	100	200	0.500	0.504	114371	0.504	0.504	1007.500	247.000	247.000	L204
P1	104	208	0.504	0.504	119103	0.504	0.504	1007.500	1420.373	1419.001	P277
L4	221	442	0.504	0.504	239100	0.504	0.504	1384.630	1390.520	1391.051	L128
L5	227	454	0.504	0.504	247100	0.504	0.504	1390.520	1390.520	1390.521	L124
G16	306	612	0.504	0.504	323111	0.504	0.504	1251.755	1451.241	1452.796	L294
K17	304	608	0.504	0.504	308110	0.504	0.504	1251.244	1214.711	1214.230	K122
V18	431	862	0.504	0.504	447100	0.504	0.504	1126.121	1130.680	1130.519	V121
T19	404	808	0.504	0.504	400114	0.504	0.504	1007.490	1007.490	1007.491	T121
E19	440	880	0.52388	0.52388	504891	0.52388	0.52388	1006.114	1006.114	1006.111	E20
A111	676	1352	0.67384	0.67382	705117	0.67382	0.67382	986.581	986.087	979.575	A119
G123	690	1380	0.690	0.690	754424	0.690	0.690	933.082	944.549	944.549	G120
G13	688	1376	0.688	0.688	682930	0.688	0.688	888.033	888.519	888.027	G17
G14	897.648	1795.297	0.688443	0.688443	711.446	0.702932	702.440	880.522	882.050	881.511	G16
V125	748.982	1497.964	0.748982	0.748982	748.980	0.752462	751.814	832.011	833.499	832.966	V120
L138	883.524	1767.048	0.883524	0.883524	887.522	0.888008	888.811	782.477	773.964	773.472	L134
P17	888	1776	0.888	0.888	843100	0.888	0.888	725.935	727.422	716.930	P113
N148	908.972	1817.944	0.908972	0.908972	908.968	0.914468	914.468	915.956	916.444	915.911	N143
E19	907	1814	0.907	0.907	979.612	0.971088	970.200	930.107	811.874	811.382	P111
G120	1025	2050	1.025	1.025	1030.630	1.030630	1030.630	1031.620	1031.620	1031.620	G118
A119	1000	2000	1.000	1.000	1076.100	1.080660	1076.104	498.498	499.986	498.991	A117
V122	1114.696	2229.392	1.114696	1.114696	1120.694	1.126180	1127.119	1128.607	455.784	455.292	V120
L123	1171.238	2342.476	1.171238	1.171238	1180.236	1.187722	1176.230	1177.718	1178.206	1177.717	L121
L124	1171	2342	1.171	1.171	1241.716	1.253260	1242.713	1243.710	1244.707	1244.707	L122
P121	1271	2542	1.271	1.271	1354.352	1.348838	1344.350	1345.348	1346.345	1346.345	P119
K130	1360	2720	1.360	1.360	1361.360	1.361360	1361.360	1362.357	1363.354	1363.354	K124
K131	1362	2724	1.362	1.362	1411.362	1.411362	1411.362	1412.359	1413.356	1413.356	K125
T128	1454	2908	1.454	1.454	1455.452	1.456452	1455.452	1456.449	1457.446	1457.446	T122
E130	1510	3020	1.510	1.510	1511.510	1.512510	1511.510	1512.507	1513.504	1513.504	E121

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.90
- ▶ F113279.dat
- ▶ query=q41584.p1
- ▶ precursor=617.581510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.895	L[28]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.705	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1214.857	1925.111	1899.088	1900.106	1898.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.979	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1583.947	1547.928	1548.936	1546.920	L[14]
F[17]	1768.116	1450.863	1434.844	1435.852	1433.836	F[13]
N[18]	1862.159	1393.819	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.605	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	828.513	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.409	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.249	490.257	488.241	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.106	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.90
- ▶ F113279.dat
- ▶ query=q41584.p1
- ▶ precursor=617.581510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.926	L128
N12	123.054	1485.905	1477.898	1478.402	1477.304	N20
K13	187.132	1428.886	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.759	1251.755	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
F19	506.640	1095.646	1087.637	1088.141	1087.133	F21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	620.928	988.561	980.571	981.075	980.067	A19
Q12	662.937	933.062	945.053	945.557	944.550	Q18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.035	782.477	774.468	774.972	773.964	L14
F17	874.561	725.935	717.925	718.429	717.422	F13
N18	931.583	677.422	669.399	669.903	668.895	N12
I19	988.125	630.967	622.957	623.461	622.453	I11
Q20	1052.154	583.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	404.297	456.288	456.792	455.784	V18
L23	1193.749	414.763	406.753	407.257	406.250	L17
L24	1250.291	358.221	350.211	350.716	349.708	L16
P25	1288.817	303.679	293.670	294.174	293.166	P15
K26	1362.805	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.438	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.90
- ▶ F113279.dat
- ▶ query=q41584.p1
- ▶ precursor=617.581510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.960	L29
N2	82.392	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.597	947.923	947.251	K27
L4	162.798	910.228	904.889	905.225	904.553	L26
L5	200.479	872.533	867.194	867.530	866.858	L25
G6	219.487	834.839	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.952	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	397.068	659.389	654.050	654.386	653.714	A19
Q12	442.294	638.710	634.371	630.032	630.395	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.292	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.098	413.927	408.588	408.924	408.252	I11
Q10	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.548	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P9
K26	908.812	169.104	163.765	164.101	163.429	K4
K27	951.611	126.406	121.066	121.402	120.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.397	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=50.90
- ▶ F113279.dat
- ▶ query=q41584.p1
- ▶ precursor=617.581510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	33.535	771.728	767.724	0.758	767.472	L[29]
N[2]	62.046	743.457	739.453	739.705	739.201	N[26]
K[3]	94.059	114.947	710.942	711.194	110.990	K[27]
L[4]	122.340	582.923	678.918	678.170	678.666	L[26]
L[5]	150.611	654.652	650.647	650.899	650.395	L[25]
G[6]	164.867	626.381	622.376	622.628	622.124	G[24]
K[7]	203.898	612.126	608.121	608.373	607.869	K[23]
V[8]	228.665	573.094	569.089	569.341	568.837	V[22]
T[9]	253.927	548.327	544.322	544.574	544.070	T[21]
T[10]	262.198	523.065	519.060	519.312	518.808	T[20]
A[11]	269.958	494.794	490.789	491.041	490.537	A[19]
Q[12]	311.972	477.035	473.030	473.282	472.778	Q[18]
G[13]	346.228	445.020	441.015	441.267	440.763	G[17]
G[14]	350.483	430.765	426.760	427.012	426.508	G[16]
V[15]	385.250	416.509	412.505	412.757	412.253	V[15]
L[16]	413.521	391.742	387.737	387.989	387.486	L[14]
P[17]	437.784	363.471	359.466	359.718	359.215	P[13]
N[18]	466.295	339.208	335.203	335.455	334.951	N[12]
T[19]	494.566	310.897	306.891	307.143	306.641	T[11]
Q[20]	525.381	282.426	278.422	278.673	278.170	Q[15]
A[21]	544.340	250.412	246.407	246.659	246.155	A[9]
V[22]	569.107	232.652	228.648	228.900	228.396	V[8]
L[23]	597.378	207.885	203.881	204.132	203.629	L[7]
L[24]	625.649	179.614	175.609	175.861	175.358	L[6]
P[25]	649.912	151.343	147.338	147.590	147.087	P[5]
K[26]	681.936	127.080	123.075	123.327	122.823	K[4]
K[27]	713.960	95.056	91.052	91.304	90.800	K[3]
T[28]	739.222	63.032	59.028	59.280	58.776	T[2]
E[29]	771.482	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.48
- ▶ F113279.dat
- ▶ query=q41585.p1
- ▶ precursor=617.581510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	88.008	0.000	1.000	114.091	0.000	0.000	1063.893	1069.899	1063.893	L128
K12	2003.199	1033.113	0.000	2205.134	201.108	0.000	2070.803	2095.918	2092.797	K126
K13	626.034	611.209	0.000	366.229	336.203	0.000	2666.165	2839.738	2836.754	K127
L14	441.518	424.202	0.000	466.511	452.287	0.000	2126.810	2111.643	2110.608	L126
L15	254.402	217.478	0.000	262.361	246.374	0.000	2615.260	2766.263	2699.478	L125
Q16	81.1424	584.397	0.000	608.416	622.362	0.000	2002.202	2348.475	2484.461	Q124
K17	187.550	193.524	0.000	195.545	178.519	0.000	2443.483	2426.454	2427.470	K123
V18	816.119	809.382	0.000	804.111	817.387	0.000	2389.761	2372.521	2371.543	V122
V19	167.608	160.680	649.655	965.061	978.035	977.051	2190.205	2115.295	2112.215	V121
I129	1080.970	1063.124	1062.140	1108.749	1091.719	1090.733	2089.238	2072.211	2071.227	I120
A111	1151.087	1124.163	1123.717	1174.362	1162.790	1161.712	2406.124	2394.127	2393.143	A110
Q113	1019.096	1002.019	1001.821	1001.484	1006.014	1005.014	1920.141	1899.096	1898.776	Q110
Q115	1008.867	1013.004	1013.004	1047.624	1047.624	1046.952	1777.026	1769.013	1768.004	Q117
G114	1383.889	1376.882	1376.871	1421.884	1404.867	1403.873	1721.037	1703.010	1702.022	G116
V115	1402.877	1419.818	1419.806	1520.821	1503.806	1502.842	1881.013	1843.989	1842.999	V119
L116	1306.041	1309.013	1308.011	1354.035	1357.010	1356.026	1563.947	1549.920	1548.936	L114
P117	1003.094	1008.099	1008.084	1013.089	1014.081	1013.079	1440.863	1413.838	1412.852	P113
M118	1017.437	1005.111	1000.127	1045.132	1038.105	1027.121	1383.810	1338.763	1335.799	M115
T119	1009.071	1013.065	1013.051	1009.058	1004.186	1003.266	1329.780	1222.741	1221.757	T111
Q120	2006.200	2041.203	2040.201	2099.215	2084.248	2088.284	1126.400	1119.995	1118.977	Q110
A121	1170.517	1172.509	1171.508	1171.517	1171.500	1170.501	1881.624	1871.589	1870.614	A111
V122	2006.008	2011.009	2011.010	2056.008	2056.004	2056.010	1007.989	1011.981	1008.977	V111
L123	2241.499	2224.483	2223.470	2269.484	2262.438	2261.424	828.513	811.462	810.538	L117
L124	2454.651	2437.627	2436.545	2482.548	2465.622	2464.638	715.430	698.408	697.424	L116
P125	2051.606	2034.580	2033.590	2079.601	2062.676	2061.591	682.351	369.324	368.340	P115
L126	2076.702	2061.671	2060.681	2111.688	2096.619	2095.630	608.466	488.225	487.241	L114
K127	2007.196	2000.710	2000.708	2005.701	2018.194	2017.189	317.201	306.177	305.193	K115
L128	2008.814	2001.710	2001.651	2006.639	2019.612	2018.620	248.108	0.000	231.008	L112
L129	2017.608	2005.902	2004.819	2009.801	2046.824	2047.811	148.000	0.000	130.000	L111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=38.48
- ▶ F113279.dat
- ▶ query=q41585.p1
- ▶ precursor=617.581510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L1	43.552	0.504	0.504	31.549	0.504	0.504	1561.201	3333.338	3333.344	L206
R1	100.573	92.080	0.504	114.571	106.077	0.504	1485.931	2477.904	2476.902	N206
K1	184.621	156.438	0.504	178.618	170.405	0.504	1438.886	2420.373	2419.681	K127
L4	251.583	214.658	0.504	235.160	226.947	0.504	1384.838	2366.325	2365.531	L206
L5	277.678	236.101	0.504	261.162	252.948	0.504	1336.201	2299.183	2298.281	L206
Q1	308.418	267.102	0.504	300.213	291.708	0.504	1291.701	2243.341	2242.748	G124
K17	384.270	316.705	0.504	388.070	380.763	0.504	1223.241	2124.731	2124.230	K125
V1	433.111	405.363	0.504	441.611	433.207	0.504	1165.181	2136.661	2136.176	V122
Y1	494.337	475.523	475.331	498.334	489.921	489.520	1059.945	1987.133	1986.941	I121
I10	540.878	512.389	531.874	554.876	546.381	545.871	1045.121	2038.609	2038.117	I120
A11	616.597	587.884	587.382	590.395	581.882	581.390	988.581	1881.081	1880.715	A119
Q13	660.277	631.513	624.507	654.424	645.418	644.412	935.001	1844.584	1844.270	Q110
G15	668.937	640.454	633.451	682.935	674.422	673.416	889.831	1685.513	1685.027	G117
G14	687.448	658.935	651.931	711.446	702.932	702.440	860.522	1621.030	1620.517	G116
V15	746.803	718.489	717.917	740.360	732.487	731.914	832.911	1527.488	1527.008	V115
L16	803.524	765.111	758.113	817.522	809.009	805.517	781.477	1223.964	1223.472	L124
P17	852.851	814.537	804.048	866.048	857.635	857.043	725.935	1117.422	1116.930	P113
N18	909.672	865.559	855.067	924.070	914.558	914.054	677.469	668.895	668.403	N112
T19	968.414	924.201	913.693	978.812	971.286	970.691	611.001	1011.001	1010.511	T111
Q10	1009.844	1021.131	1010.630	1043.941	1035.128	1034.630	563.845	555.332	554.840	Q110
A21	1062.182	1016.688	1006.191	1079.180	1070.948	1070.124	488.811	888.811	888.311	A111
V22	1114.896	1116.113	1105.616	1124.894	1116.100	1115.604	489.201	425.784	425.282	V111
L23	1171.428	1150.225	1140.231	1185.226	1176.222	1175.230	414.751	405.252	404.758	L117
L24	1227.480	1218.201	1208.175	1244.178	1233.385	1232.373	388.221	348.708	348.216	L116
P25	1276.507	1267.753	1257.501	1290.304	1281.191	1281.209	381.670	263.168	262.674	P115
K26	1340.204	1311.841	1301.350	1354.305	1345.818	1345.346	263.151	244.839	244.344	K114
K27	1404.402	1395.588	1385.390	1418.390	1409.888	1409.394	189.110	189.502	189.100	K113
L28	1464.926	1446.412	1435.920	1480.921	1470.812	1470.812	125.810	0.504	0.504	L112
E29	1519.447	1511.934	1501.440	1533.444	1524.931	1524.432	74.531	0.504	0.504	E111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=38.48
- ▶ F113279.dat
- ▶ query=q41585.p1
- ▶ precursor=617.581510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
L11	28	178	0.872	0.872	38	102	0.872	0.872	1028.033	1022.999	L126
K12	67	385	0.170	0.872	78	715	71.041	0.872	960.941	965.265	K126
K13	110	681	104.407	0.872	119	1113	113.739	0.872	952.526	947.251	K127
L14	147	778	142.125	0.872	157	1091	151.434	0.872	910.228	904.503	L126
L15	185	874	219.397	0.872	194	904	198.128	0.872	812.511	806.826	L125
Q16	204	878	188.004	0.872	213	811	208.138	0.872	834.839	829.163	Q124
K17	258	522	250.888	0.872	265	857	260.178	0.872	813.832	810.158	K125
V18	289	544	263.869	0.872	298	878	293.261	0.872	783.729	788.114	V122
V19	323	227	317.551	317.221	333	595	328.883	328.595	730.767	725.091	V121
I120	380	822	325.288	324.918	319	251	384.878	384.294	667.084	661.408	I120
A111	384	601	378.825	378.567	373	213	388.257	387.826	659.383	653.714	A119
Q112	427	281	421.611	421.281	436.618	430.284	430.618	629.710	630.035	626.787	Q110
G113	446	524	440.613	440.251	455.626	448.566	449.622	531.624	537.348	537.011	G117
G114	482	501	478.628	478.267	474.633	468.367	468.629	574.101	569.382	568.614	G116
V115	498.124	489.848	489.510	507.826	501.360	501.652	528.610	549.154	550.769	V119	
L116	538.019	530.383	530.013	545.350	539.675	539.347	521.987	535.312	535.984	L114	
P117	566	870	562.694	562.366	577.761	672.626	671.688	484.292	478.611	476.289	P113
K118	608	584	606.768	606.380	615.718	603.046	609.212	451.942	446.268	445.036	K115
T119	644	878	640.483	640.103	649.635	648.758	649.487	413.891	408.292	409.044	T117
Q120	686	705	681.189	680.751	689.049	688.421	689.093	376.231	370.567	370.228	Q110
A121	712	444	707.644	707.264	716.802	714.302	715.772	531.549	527.871	527.542	A111
V122	716	887	717.761	717.463	732.760	719.123	718.769	801.887	804.162	803.844	V111
L123	781	151	775.458	775.128	780.461	774.817	784.489	278.944	277.185	276.941	L117
L124	818	856	813.189	812.859	828.189	822.812	824.184	239.150	233.474	233.146	L116
P125	851	207	845.511	845.201	860.539	854.883	854.535	281.483	278.789	278.492	P115
K126	883	886	878.322	878.012	887.322	886.762	887.313	188.184	183.426	183.180	K114
K127	938	654	930.658	930.655	945.951	940.286	939.912	126.426	125.730	125.603	K113
L128	970	288	964.611	964.281	979.611	973.942	973.614	81.718	81.872	81.714	L112
E129	1013	158	1007.652	1007.281	1022.652	1016.958	1016.628	381.023	381.872	381.021	E111

sp | Q6GSS7 | H2A2A_MOUSE

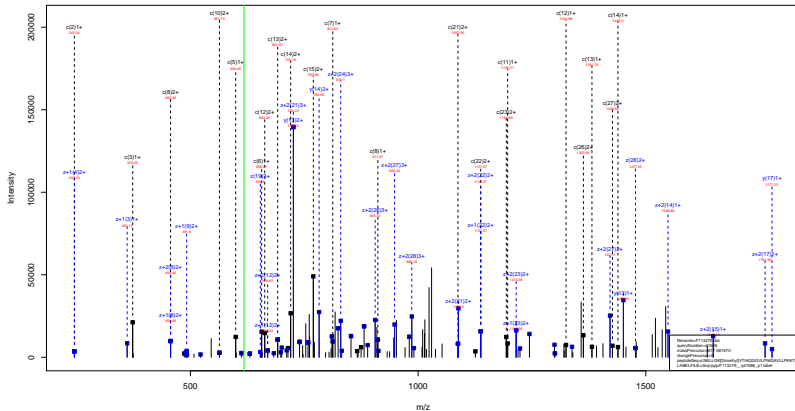
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=38.48
- ▶ F113279.dat
- ▶ query=q41585.p1
- ▶ precursor=617.581510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
L1	22.280	0.755	0.755	29.210	0.755	0.755	771.720	767.472	767.230	L20
M2	30.730	46.534	0.755	57.789	53.534	0.755	743.493	739.201	738.955	M20
K3	62.034	70.557	0.755	88.813	86.556	0.755	715.255	710.990	710.444	K27
L4	111.085	139.838	0.755	149.088	145.821	0.755	682.923	678.566	678.320	L20
L5	130.356	135.039	0.755	146.355	142.068	0.755	654.652	650.365	650.140	L20
Q6	133.611	149.203	0.755	160.819	156.354	0.755	626.391	622.124	621.878	Q20
K7	162.043	168.208	0.755	168.043	165.205	0.755	612.121	607.889	607.623	K23
V8	171.416	173.253	0.755	209.460	206.352	0.755	593.589	589.837	589.611	V20
T9	192.872	238.415	238.139	309.671	305.414	285.138	548.317	544.070	543.524	T21
L10	270.943	286.688	286.440	277.947	273.689	271.439	523.090	518.838	518.592	L20
A11	288.702	294.446	294.200	296.393	291.444	291.138	484.792	480.517	480.291	A10
Q12	306.714	318.460	318.214	327.718	323.899	323.114	471.037	467.186	467.532	Q18
G13	334.972	330.716	330.470	341.971	337.714	337.468	445.030	440.763	440.517	G17
G14	349.238	344.971	344.725	356.239	351.970	351.724	430.790	426.508	426.262	G18
V15	373.095	369.738	369.492	380.994	376.737	376.491	415.500	411.253	411.007	V15
L16	402.266	398.009	397.763	409.269	405.000	404.754	393.747	389.486	389.240	L14
P17	426.529	422.272	422.026	433.528	429.271	429.025	383.471	379.215	378.969	P13
M18	495.040	490.783	490.537	492.039	487.782	487.536	359.200	354.944	354.700	M12
L19	483.311	479.054	478.808	489.315	485.057	484.807	310.667	306.441	306.195	L11
Q20	515.526	511.269	511.023	522.324	518.019	517.664	285.420	278.130	277.834	Q18
A21	533.085	528.828	528.582	540.083	535.827	535.581	250.412	246.155	245.909	A10
V22	557.852	553.595	553.349	564.851	560.594	560.348	232.652	228.396	228.150	V18
L23	586.121	581.866	581.620	593.122	588.865	588.619	207.085	202.829	202.583	L17
L24	614.384	610.127	609.881	621.388	617.130	616.884	189.842	176.396	176.112	L18
P25	638.657	634.400	634.154	645.656	641.399	641.153	151.343	147.087	146.841	P15
K26	670.981	666.724	666.478	677.679	673.423	673.177	127.080	122.823	122.577	K14
K27	702.784	698.486	698.239	698.713	694.447	694.201	85.050	80.800	80.554	K13
L28	714.486	710.229	709.983	720.489	716.232	715.986	63.821	60.321	60.075	L18
E20	780.227	775.970	775.724	787.228	782.969	782.723	37.771	0.755	31.268	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=74.02
- ▶ F113279.dat
- ▶ query=q41586.p1
- ▶ precursor=617.581570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.892	3067.873	0.000	3066.895	L[28]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2738.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2589.567	2600.575	2598.559	L[25]
G[6]	658.445	2502.500	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.288	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.230	2073.210	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1537.879	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1651.063	1583.947	1547.928	1548.936	1546.920	L[14]
F[17]	1768.116	1450.863	1434.844	1435.852	1433.836	F[13]
N[18]	1862.159	1383.819	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1293.761	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2388.491	858.513	812.560	813.568	811.552	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.628	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.268	489.249	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.008	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=74.02
- ▶ F113279.dat
- ▶ query=q41586.p1
- ▶ precursor=617.581570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.063	1542.450	1536.440	0.504	1533.936	L126
N2	123.084	1485.908	1477.899	1478.402	1477.394	N28
K3	187.132	1426.886	1420.877	1421.381	1420.373	K27
L4	243.674	1364.839	1356.829	1357.333	1356.325	L26
L5	300.216	1308.297	1300.287	1300.791	1299.783	L25
G6	358.729	1251.758	1243.749	1244.249	1243.241	G24
K7	406.789	1223.244	1215.234	1215.738	1214.731	K23
V8	456.324	1145.181	1137.171	1137.675	1136.667	V22
T9	506.846	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	620.900	988.581	980.571	981.075	980.067	A19
Q12	662.937	933.060	925.051	925.555	924.547	Q18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	828.035	782.477	774.468	774.972	773.964	L14
T17	874.561	725.935	717.926	718.430	717.422	T13
N18	933.583	677.409	669.399	669.903	668.895	N12
I19	988.125	626.387	612.378	612.882	611.874	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.616	491.607	492.110	491.102	A9
V22	1137.207	464.297	456.288	456.792	455.784	V8
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.293	358.221	350.211	350.715	349.707	L16
P25	1298.817	301.679	293.670	294.174	293.166	P15
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.049	117.552	116.544	T2
E29	1541.959	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=74.02
- ▶ F113279.dat
- ▶ query=q41586.p1
- ▶ precursor=617.581570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1021.296	0.672	1022.960	L29
N2	82.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.587	947.923	947.251	K27
L4	163.785	910.225	904.885	905.225	904.553	L26
L5	200.479	872.533	867.194	867.530	866.858	L25
G6	219.487	834.839	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
Y9	338.234	730.767	725.427	725.763	725.091	Y21
V10	375.929	697.084	691.745	692.081	691.409	V20
A11	399.608	659.389	654.050	654.386	653.718	A19
Q12	442.294	636.710	630.371	630.707	630.035	Q18
Q13	461.301	593.024	587.685	588.021	587.349	Q17
G14	480.308	574.017	568.678	569.013	568.343	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.953	479.289	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
T19	659.086	413.927	408.588	408.924	408.252	T11
Q20	701.772	376.231	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P5
K26	908.912	169.104	163.765	164.101	163.429	K4
K27	951.611	126.806	121.468	121.802	120.790	K3
L28	989.293	83.709	78.369	78.704	78.032	L2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE_{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=74.02
- ▶ F113279.dat
- ▶ query=q41586.p1
- ▶ precursor=617.581570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	33.535	771.728	767.724	0.758	767.472	L[29]
N[2]	62.046	743.451	739.453	739.705	739.201	N[28]
K[3]	94.059	714.941	710.94	711.194	710.690	K[27]
L[4]	122.340	682.923	678.918	678.170	678.666	L[26]
L[5]	150.611	654.652	650.647	650.899	650.395	L[25]
G[6]	164.867	626.381	622.376	622.628	622.124	G[24]
K[7]	203.898	612.126	608.121	608.373	607.869	K[23]
V[8]	228.665	573.094	569.089	569.341	568.837	V[22]
T[9]	253.927	548.327	544.322	544.574	544.070	T[21]
I[10]	262.198	523.065	519.060	519.312	518.808	I[20]
A[11]	289.958	494.794	490.789	491.041	490.537	A[19]
Q[12]	311.972	477.026	473.021	473.282	472.778	Q[18]
G[13]	346.228	445.020	441.015	441.267	440.763	G[17]
G[14]	360.483	430.765	426.760	427.012	426.508	G[16]
V[15]	385.250	416.509	412.504	412.757	412.253	V[15]
L[16]	413.521	391.742	387.737	387.989	387.486	L[14]
P[17]	437.784	363.471	359.466	359.718	359.215	P[13]
N[18]	466.295	339.208	335.203	335.455	334.951	N[12]
I[19]	494.566	310.897	306.891	306.945	306.441	I[11]
Q[20]	526.381	282.426	278.422	278.673	278.170	Q[18]
A[21]	544.340	250.412	246.407	246.659	246.155	A[9]
V[22]	569.107	232.652	228.646	228.900	228.396	V[8]
L[23]	597.378	207.885	203.881	204.132	203.629	L[7]
L[24]	625.649	179.614	175.609	175.861	175.358	L[6]
P[25]	649.912	151.343	147.338	147.590	147.087	P[5]
K[26]	681.936	127.080	123.075	123.327	122.823	K[4]
K[27]	713.960	95.056	91.052	91.304	90.800	K[3]
T[28]	739.222	63.032	59.028	59.280	58.776	T[2]
E[29]	771.462	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=64.49
- ▶ F113279.dat
- ▶ query=q41587_p1
- ▶ precursor=771.725160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a-0.4	b	b ⁺	b-0.4	y	y ⁺	AA	
L1	88.098	0.000	0.000	114.093	0.000	0.000	383.093	304.899	305.881	L129
K1	308.160	334.319	0.000	248.139	311.708	0.000	309.000	305.788	303.769	K30
R1	338.234	311.268	0.000	355.279	139.283	0.000	385.055	385.738	388.794	K227
L4	441.318	424.282	0.000	469.313	452.287	0.000	272.878	271.843	272.028	L36
L5	244.100	317.381	0.000	382.397	355.371	0.000	381.388	398.339	397.078	L35
G1	311.424	384.389	0.000	039.419	622.392	0.000	250.252	248.745	244.461	G24
K1	787.020	693.624	0.000	795.545	778.619	0.000	343.480	342.454	342.710	K23
V1	886.619	888.582	0.000	984.613	977.687	0.000	288.854	292.249	291.543	V22
L1	189.088	300.929	0.000	384.923	378.007	0.000	377.033	219.200	217.200	L21
L10	1088.750	1071.724	1062.740	1108.745	1091.719	1086.703	308.238	307.211	307.427	L24
A11	1151.787	1134.761	1123.777	1179.782	1162.756	1151.772	180.154	180.127	180.143	A16
G23	219.066	322.019	320.879	324.060	326.014	326.000	190.111	189.066	189.026	G10
G13	1336.887	1319.839	1313.873	1304.884	1287.836	1286.850	177.028	176.003	175.048	G17
G14	1381.889	1376.882	1375.878	1421.880	1406.857	1403.873	170.017	170.010	170.026	G16
V15	1460.889	1445.881	1444.874	1438.880	1423.862	1422.848	168.011	164.866	164.809	V16
L18	1606.041	1589.033	1588.031	1674.036	1657.030	1656.036	155.047	154.900	154.938	L14
P17	1703.048	1686.039	1685.038	1761.043	1744.037	1743.041	140.863	141.826	141.802	P15
K18	1811.127	1800.111	1789.121	1841.126	1830.109	1819.127	140.863	140.863	140.863	K13
L16	1830.223	1813.205	1812.211	1890.216	1874.199	1873.205	123.971	122.941	122.977	L21
G20	2038.282	2041.281	2040.280	2089.275	2092.248	2091.254	110.893	110.899	1108.872	G19
A12	2248.387	2247.386	2246.384	2297.381	2296.380	2295.378	98.824	98.798	98.814	A14
V22	2248.387	2247.386	2246.384	2297.381	2296.380	2295.378	927.507	910.561	909.577	V18
L21	2341.480	2341.479	2341.478	2390.485	2390.483	2390.481	828.519	811.963	810.988	L17
L24	2454.533	2452.527	2450.543	2462.540	2460.532	2458.538	715.435	698.480	687.434	L18
P23	2614.606	2614.602	2613.599	2673.601	2672.602	2671.601	602.351	603.324	604.304	P19
K24	2673.702	2673.679	2673.661	2727.699	2726.698	2726.699	488.371	488.371	487.387	K10
K27	3007.749	3006.739	3006.738	3055.740	3054.740	3053.740	377.283	368.177	369.181	K15
L26	3068.844	3068.844	3068.844	3118.846	3118.846	3118.846	308.818	308.818	308.818	L22
E26	3071.888	3070.889	3070.878	3070.888	3070.888	3070.877	140.928	0.000	130.900	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=64.49
- ▶ F113279.dat
- ▶ query=q41587_p1
- ▶ precursor=771.725160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
L1	41	302	316	8704	59	549	8704	1542	202	1533	144
R2	102	312	326	8704	114	512	8704	1533	202	144	100
R3	154	322	336	8704	178	616	8704	1438	202	144	100
L4	193	333	347	8704	216	704	8704	1364	202	135	133
L5	217	345	359	8704	255	789	8704	1308	202	129	128
Q6	236	358	372	8704	302	871	8704	1251	202	124	124
R7	251	370	384	8704	350	956	8704	1203	202	119	119
V8	263	382	396	8704	400	1041	8704	1164	202	114	114
V9	484	317	475	823	475	331	488	134	488	823	134
I10	548	879	532	368	531	874	554	876	546	361	545
A11	576	397	567	884	567	392	580	882	581	390	580
Q12	548	427	534	861	424	854	424	845	418	851	418
Q13											
Q14	897	448	888	531	888	443	711	446	702	932	702
V15											
L16	803	524	795	811	794	523	788	809	787	517	787
P17	852	051	843	537	843	049	889	049	887	035	887
R18	859	517	850	538	840	516	821	870	814	504	814
I19	899	414	891	423	884	420	919	412	911	068	910
Q20	1039	444	1031	453	1023	450	1041	441	1035	438	1034
A21	1095	152	1086	162	1078	159	1079	160	1070	146	1070
V22	1114	408	1106	417	1099	414	1128	404	1120	408	1120
L23	1114	288	1106	297	1100	293	1185	290	1176	272	1176
L24	1227	788	1219	797	1211	790	1241	779	1231	769	1231
P25	1276	317	1267	326	1259	320	1289	309	1279	302	1279
R26	1380	304	1371	313	1363	307	1394	296	1384	289	1384
K27	1404	402	1395	411	1387	404	1419	393	1409	384	1409
L28	1424	474	1415	483	1407	476	1439	465	1429	456	1429
E29	1519	447	1510	456	1502	449	1533	444	1524	437	1524

sp | Q6GSS7 | H2A2A_MOUSE

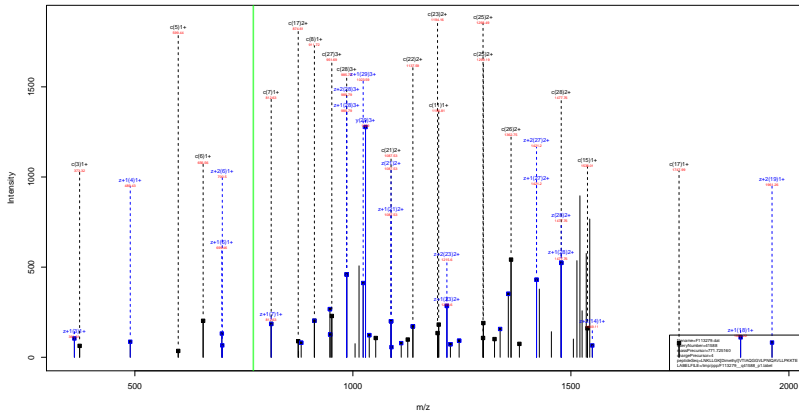
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=64.49
- ▶ F113279.dat
- ▶ query=q41587.p1
- ▶ precursor=771.725160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
T1	26	309	334	75	75	0	0	0	0	Low
R2	67	309	63	759	0	0	0	0	0	N20
K3	110	683	104	407	0	0	139	413	113	K27
L4	147	718	142	104	0	0	137	100	131	L26
L5	188	872	179	707	0	0	159	626	159	L26
G6	204	479	198	804	0	0	213	811	208	G24
K7	276	522	270	546	0	0	289	357	290	K25
V8	289	844	283	859	0	0	289	281	293	V22
V9	323	227	317	551	317	233	332	559	328	V22
I10	360	622	355	498	354	918	370	251	364	I20
A11	384	601	378	625	378	557	380	572	387	A19
Q12	427	208	421	811	421	282	430	843	425	Q18
G13	436	504	430	514	435	455	448	504	443	G17
G14	468	484	462	492	468	957	468	470	469	G16
V15	536	519	530	543	545	559	539	519	521	V15
P16	568	470	562	494	562	389	577	757	572	P13
N18	600	584	590	516	590	516	610	547	451	N13
I19	644	719	638	612	638	612	651	421	690	I13
Q20	686	765	681	589	681	589	647	735	647	Q18
A21	710	444	704	768	710	775	714	130	713	A16
V22	743	807	737	741	752	798	747	123	749	V18
L23	793	351	775	486	775	486	799	333	784	L19
L24	813	656	811	180	812	657	822	184	810	L16
P25	851	207	845	531	846	579	854	583	854	P15
K27	836	654	830	620	830	620	859	512	859	K24
K27	836	654	830	620	830	620	848	500	848	K25
T28	870	585	864	511	874	618	873	514	85	T12
E29	913	530	907	425	913	270	918	426	913	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=81.51
- ▶ F113279.dat
- ▶ query=q41588.p1
- ▶ precursor=771.725160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3081.892	3067.873	0.000	3066.895	L 29
N 2	345.161	2970.808	2954.789	2955.797	2951.781	N 28
K 3	373.256	2856.765	2840.746	2841.754	2839.738	K 27
L 4	486.340	2728.670	2712.651	2713.659	2711.643	L 26
L 5	599.424	2615.585	2599.567	2600.575	2598.560	L 25
Q 6	656.445	2502.502	2486.483	2487.491	2485.475	Q 24
K 7	812.572	2345.480	2429.462	2430.469	2428.454	K 23
V 8	911.640	2288.354	2273.335	2274.343	2272.327	V 22
T 9	1017.688	2190.286	2174.267	2175.275	2173.259	T 21
I 10	1125.772	2089.238	2073.219	2074.227	2072.211	I 20
A 11	1196.809	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.867	1905.111	1889.094	1890.108	1888.090	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.910	1720.937	1704.918	1705.926	1703.910	G 16
V 15	1537.979	1663.015	1646.997	1646.004	1645.989	V 15
L 16	1651.063	1563.947	1547.928	1548.936	1546.920	L 14
F 17	1748.116	1450.893	1434.874	1435.882	1433.866	F 13
TW 18	1867.159	1383.810	1337.791	1338.799	1336.783	TW 12
I 19	1975.243	1236.767	1223.748	1224.756	1222.741	I 11
Q 20	2103.301	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.336	998.624	982.606	981.614	981.598	A 9
V 22	2273.407	927.587	911.569	912.576	910.561	V 8
L 23	2386.491	828.519	812.500	813.508	811.492	L 7
L 24	2499.575	715.435	699.415	700.424	698.408	L 6
P 25	2596.626	602.351	586.332	587.340	585.324	P 5
K 26	2724.723	505.298	489.279	490.287	488.271	K 4
K 27	2852.816	377.203	361.184	362.192	360.177	K 3
T 28	2951.905	249.108	233.089	234.097	232.082	T 2
E 29	3087.938	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=81.51
- ▶ F113279.dat
- ▶ query=q41588.p1
- ▶ precursor=771.725160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.850	1524.440	9.504	1533.930	L120
N1	123.084	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.889	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1356.829	1357.333	1356.325	L126
L1	300.216	1308.297	1300.287	1300.791	1299.781	L125
G1	356.758	1251.755	1243.745	1244.249	1243.241	G124
K1	406.799	1223.244	1215.234	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
T1	506.840	1095.646	1087.637	1088.141	1087.133	T121
T1	563.390	1045.123	1037.113	1037.617	1036.609	T120
A1	608.608	988.581	980.571	981.075	980.067	A119
G1	662.937	933.060	925.053	925.557	924.549	G118
G1	691.448	889.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.515	853.017	852.009	G116
V1	769.493	812.011	804.002	804.506	803.498	V115
L1	820.035	762.477	774.468	774.972	773.964	L114
T1	874.561	728.935	719.928	719.430	717.422	T113
N1	911.553	677.400	669.390	669.903	668.895	N112
I1	968.125	620.867	612.858	612.862	611.874	I111
Q1	1052.154	563.845	555.836	556.340	555.332	Q110
A1	1087.673	499.816	491.807	492.310	491.303	A10
V1	1137.207	484.297	456.288	456.792	455.784	V10
L1	1193.749	414.763	406.754	407.258	406.250	L10
L1	1250.291	358.221	350.212	350.716	349.708	L10
P1	1298.817	301.679	293.670	294.174	293.166	P10
K1	1362.865	253.153	245.143	245.647	244.639	K10
K1	1428.917	189.105	181.096	181.600	180.592	K10
T1	1477.436	125.058	117.048	117.552	116.544	T10
E1	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

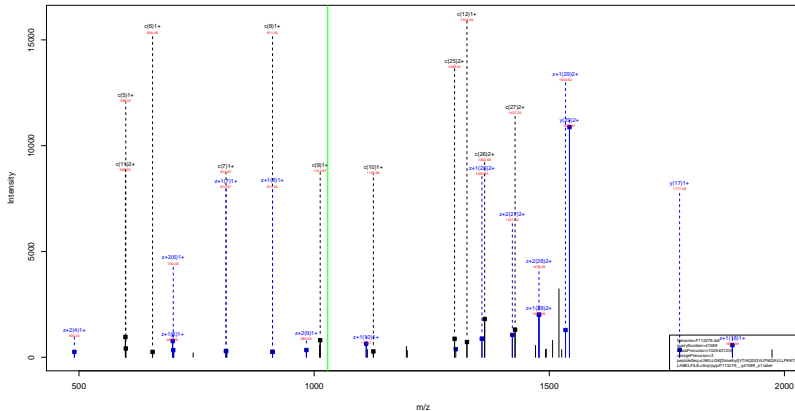
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=81.51
- ▶ F113279.dat
- ▶ query=q41588.p1
- ▶ precursor=771.725160
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.660	L29
N2	62.302	090.941	985.601	985.937	985.265	N28
K3	125.090	952.329	947.587	947.923	947.251	K27
L4	162.785	910.228	904.269	905.225	904.551	L26
L5	200.479	872.531	867.194	867.530	866.858	L25
G6	239.487	834.835	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	763.790	758.450	758.786	758.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	626.710	621.371	621.707	621.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.131	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.863	479.209	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.455	196.116	196.452	195.780	T5
K26	908.912	169.100	163.760	164.100	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK<sup>Dimethyl
28.03</sup>VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.25
- ▶ F113279.dat
- ▶ query=q41589_p1
- ▶ precursor=1028.631200
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L129
N2	345.161	2970.808	2954.789	2955.797	2951.781	N28
K3	373.256	2956.795	2940.746	2941.754	2939.739	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	999.424	2615.586	2609.567	2600.575	2598.560	L25
Q6	656.445	2502.502	2488.483	2487.491	2485.475	Q24
K7	812.572	2445.480	2429.462	2430.469	2428.454	K23
V8	911.640	2389.354	2373.335	2374.343	2372.327	V22
T9	1012.688	2196.268	2174.267	2175.275	2173.260	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1126.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1274.967	1769.117	1899.098	1906.106	1888.090	Q18
G13	1381.989	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.937	1704.918	1705.926	1703.910	G16
V15	1537.879	1663.815	1646.997	1646.004	1645.989	V15
L16	1651.863	1563.947	1547.928	1548.936	1546.920	L14
P17	1748.116	1496.863	1484.844	1435.852	1433.836	P13
T18	1862.159	1393.810	1377.791	1338.799	1336.783	T12
I19	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.492	L7
L24	2499.575	715.433	699.416	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.268	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2951.895	249.108	233.089	234.097	232.082	T2
E29	3087.938	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.25
- ▶ F113279.dat
- ▶ query=q41589_p1
- ▶ precursor=1028.631200
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.930	L19
N1	123.054	1485.905	1477.898	1478.402	1477.304	N20
K1	187.132	1428.886	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.750	1251.755	1243.745	1244.249	1243.241	G24
K17	406.790	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
T19	506.840	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	598.908	988.581	980.571	981.075	980.067	A19
G12	662.937	933.065	925.055	925.559	924.551	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.512	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	826.035	782.477	774.468	774.972	773.964	L14
T17	874.581	728.935	720.925	721.429	720.421	T13
N18	931.583	677.400	669.390	669.893	668.885	N12
I19	988.125	620.867	612.857	613.361	612.353	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.311	491.303	A0
V22	1127.207	484.297	476.288	476.792	475.784	V8
L23	1193.700	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.18
- ▶ F113279.dat
- ▶ query=q41591.p1
- ▶ precursor=617.581750
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3083.892	3067.873	0.000	3066.865	L 26
N 2	245.161	2970.808	2954.789	2938.769	2953.781	N 28
K 3	373.256	2856.765	2840.746	2841.754	2839.738	K 27
L 4	486.340	2728.670	2712.651	2713.659	2711.643	L 26
L 5	599.424	2615.585	2599.567	2600.575	2598.559	L 25
G 6	638.445	2502.500	2486.483	2487.491	2485.475	G 24
K 7	812.572	2445.480	2429.462	2430.469	2428.454	K 23
V 8	911.640	2289.354	2273.335	2274.343	2272.327	V 22
T 9	1012.688	2190.288	2174.267	2175.275	2173.259	T 21
I 10	1125.772	2089.230	2073.210	2074.227	2072.211	I 20
A 11	1196.809	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.867	1905.111	1889.098	1890.106	1888.090	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.910	1720.037	1704.018	1705.026	1703.010	G 16
V 15	1537.979	1663.015	1646.997	1648.004	1645.989	V 15
L 16	1651.063	1563.947	1547.928	1548.936	1546.920	L 14
F 17	1768.116	1450.863	1434.844	1435.852	1433.836	F 13
N 18	1862.159	1383.819	1337.791	1338.799	1336.783	N 12
I 19	1975.243	1239.767	1223.748	1224.756	1222.741	I 11
Q 20	2103.301	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.338	998.624	992.606	993.614	981.598	A 9
V 22	2273.407	927.587	911.569	912.576	910.561	V 8
L 23	2389.491	808.513	813.500	813.508	811.492	L 7
L 24	2499.575	715.435	699.416	700.424	698.408	L 6
P 25	2596.628	602.351	586.332	587.340	585.324	P 5
K 26	2724.723	505.298	489.279	490.287	488.271	K 4
K 27	2852.818	377.203	361.184	362.192	360.177	K 3
T 28	2953.865	249.106	243.089	234.097	232.082	T 2
E 29	3082.008	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.18
- ▶ F113279.dat
- ▶ query=q41591.p1
- ▶ precursor=617.581750
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	66.063	1542.450	1536.440	0.504	1533.936	L 26
N 2	123.084	1485.908	1477.898	1478.402	1477.304	N 28
K 3	187.132	1436.886	1428.877	1421.381	1420.371	K 27
L 4	243.674	1384.839	1356.820	1357.333	1356.325	L 26
L 5	300.216	1338.297	1308.287	1309.791	1299.783	L 25
G 6	358.729	1291.755	1243.745	1244.249	1243.241	G 24
K 7	406.789	1223.244	1215.230	1215.738	1214.731	K 23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V 22
T 9	506.848	1095.646	1087.637	1088.141	1087.133	T 21
T 10	563.390	1045.123	1037.113	1037.617	1036.609	T 20
A 11	620.888	988.581	988.571	981.675	980.667	A 19
Q 12	662.537	933.056	943.063	943.577	944.544	Q 18
G 13	691.448	889.033	881.023	881.527	880.519	G 17
G 14	719.959	860.522	852.513	853.017	852.009	G 16
V 15	769.493	832.011	824.002	824.506	823.498	V 15
L 16	828.035	782.477	774.468	774.972	773.964	L 14
T 17	874.561	725.935	717.926	718.430	717.422	T 13
N 18	913.583	677.409	669.399	669.903	668.895	N 12
I 19	988.125	626.387	612.378	612.882	611.874	I 11
Q 20	1052.154	563.845	555.836	556.340	555.332	Q 10
A 21	1087.673	499.616	491.607	492.110	491.303	A 9
V 22	1137.207	464.297	456.288	456.792	455.784	V 8
L 23	1193.749	414.763	406.754	407.258	406.250	L 7
L 24	1260.291	358.221	350.212	350.716	349.708	L 6
P 25	1298.817	301.679	293.670	294.174	293.166	P 5
K 26	1362.885	251.153	245.143	245.647	244.639	K 4
K 27	1426.912	189.105	181.096	181.600	180.592	K 3
T 28	1477.436	125.058	117.049	117.552	116.544	T 2
E 29	1541.959	74.534	66.526	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=75.18
- ▶ F113279.dat
- ▶ query=q41591_p1
- ▶ precursor=617.581750
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[29]
N[2]	82.392	990.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.795	910.228	904.889	905.225	904.553	L[26]
L[5]	200.479	872.533	867.194	867.530	866.856	L[25]
G[6]	219.487	834.839	829.499	829.835	829.163	G[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.562	763.790	758.450	758.786	758.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	399.608	659.389	654.050	654.386	653.714	A[19]
Q[12]	442.294	638.710	633.371	633.707	633.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
P[17]	583.377	484.292	478.953	479.289	478.617	P[13]
N[18]	621.391	451.942	446.602	446.938	446.266	N[12]
I[19]	659.698	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.548	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.150	233.810	234.146	233.474	L[6]
P[25]	886.214	201.455	196.116	196.451	195.780	P[5]
K[26]	905.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.397	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

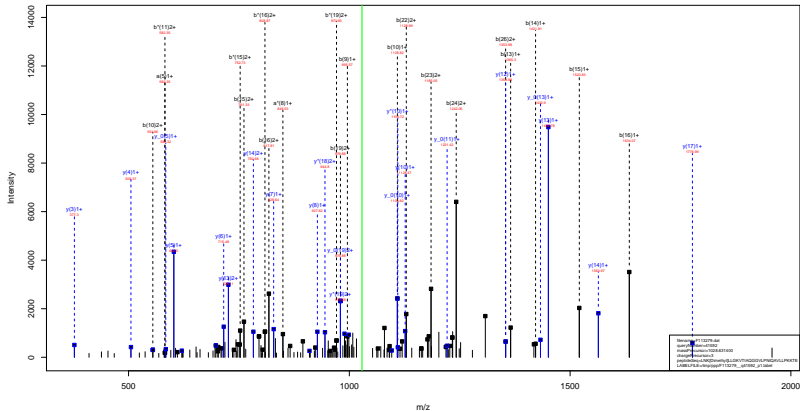
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=75.18
- ▶ F113279.dat
- ▶ query=q41591.p1
- ▶ precursor=617.581750
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	33.535	771.728	767.724	0.756	767.472	L29
N2	62.046	743.507	739.453	739.705	739.201	N26
K3	94.059	714.947	710.942	711.194	710.690	K21
L4	122.340	502.923	678.918	679.170	678.666	L26
L5	150.611	654.652	650.647	650.899	650.395	L25
G6	164.867	626.381	622.376	622.628	622.124	G24
K7	203.898	612.126	608.121	608.373	607.869	K23
V8	228.665	573.094	569.089	569.341	568.837	V22
T9	253.927	548.327	544.322	544.574	544.070	T21
T10	262.198	523.065	519.060	519.312	518.808	T20
A11	269.958	494.794	490.739	491.041	490.537	A19
Q12	311.972	477.035	473.030	473.282	472.778	Q18
G13	346.228	445.020	441.015	441.267	440.763	G17
G14	360.483	430.765	426.760	427.012	426.508	G16
V15	385.250	416.509	412.505	412.757	412.253	V15
L16	413.521	391.742	387.737	387.989	387.486	L14
F17	437.784	363.471	359.466	359.718	359.215	F13
N18	466.295	339.208	335.203	335.455	334.951	N12
T19	494.566	310.897	306.891	307.143	306.641	T11
Q20	526.381	282.426	278.422	278.673	278.170	Q15
A21	544.340	250.412	246.407	246.659	246.155	A9
V22	569.107	232.652	228.648	228.900	228.396	V8
L23	597.378	207.885	203.881	204.132	203.629	L7
L24	625.649	179.614	175.609	175.861	175.358	L0
P25	649.912	151.343	147.338	147.590	147.087	P5
K26	681.936	127.080	123.075	123.327	122.823	K4
K27	713.960	95.056	91.052	91.304	90.800	K3
T28	739.222	63.032	59.028	59.280	58.776	T2
E29	771.462	37.771	33.766	34.018	33.514	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=84.86
- ▶ F113279.dat
- ▶ query=q41592_p1
- ▶ precursor=1028.631400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	y	y*	y,β	AA
L1	30	30	0.000	114.081	0.000	0.000	304.892	304.892	305.011	L29
K1	30	30	0.000	114.081	0.000	0.000	304.892	304.892	305.011	K29
L2	30	30	0.000	384.261	0.000	0.000	255.793	255.793	255.794	K22
L4	30	30	0.000	384.261	0.000	0.000	255.793	255.793	255.794	L26
L5	102.414	102.414	0.000	110.429	0.000	0.000	2474.471	2474.471	2474.471	G24
G1	102.414	102.414	0.000	110.429	0.000	0.000	2474.471	2474.471	2474.471	G24
K1	102.414	102.414	0.000	110.429	0.000	0.000	2474.471	2474.471	2474.471	K23
V1	102.414	845.592	0.000	884.613	0.000	0.000	2250.354	2250.324	2251.343	V22
L10	107.816	107.816	0.000	905.343	0.000	0.000	197.611	197.611	197.611	F21
L10	107.816	107.816	0.000	905.343	0.000	0.000	197.611	197.611	197.611	F21
A11	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	A16
G13	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	G16
G13	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	G17
G14	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	G16
V15	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	V15
L16	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	L14
L17	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	L15
L18	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	L13
L18	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	L21
G20	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	G19
V22	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	V22
L23	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	L17
L24	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	L18
F25	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	F25
K26	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	K14
K27	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	K13
L28	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	L28
E29	113.217	113.217	0.000	1176.792	1182.756	1182.756	1461.772	1461.754	1461.723	E21

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=84.86
- ▶ F113279.dat
- ▶ query=q41592.p1
- ▶ precursor=1028.631400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
L13	43.202	0.500	0.500	197.909	0.500	0.500	1042.402	4331.830	4333.444	L129
R12	10097.714	102.000	0.500	1181.911	100.000	0.500	1002.000	1217.390	1219.000	R104
R13	1178.536	116.120	0.500	192.831	184.121	0.500	1428.800	1430.371	1431.881	R129
L14	173.170	0.500	0.500	140.170	264.663	0.500	1030.611	1032.111	1034.611	L108
L15	261.721	261.221	0.500	300.100	267.200	0.500	1094.201	1095.701	1097.201	L120
G16	1007.919	111.400	0.500	339.609	329.101	0.500	1017.400	1018.900	1020.400	G104
R17	384.470	378.100	0.500	186.170	385.761	0.500	1030.430	1031.930	1033.430	R123
V18	411.011	426.300	0.500	447.010	419.200	0.500	1130.111	1131.611	1133.111	V122
T19	484.101	479.100	0.500	499.101	469.611	0.500	1095.646	1097.146	1098.646	T121
E10	140.870	147.100	161.874	554.876	548.361	548.871	1036.430	1037.930	1039.430	E109
A11	170.197	167.604	167.192	190.195	581.882	581.380	888.581	890.081	891.581	A119
G12	196.077	191.101	191.473	199.473	199.473	199.473	874.077	875.577	877.077	G103
G13	168.837	166.434	166.837	166.837	166.837	166.837	889.837	891.337	892.837	G127
G14	897.448	897.448	897.448	897.448	897.448	897.448	897.448	897.448	897.448	G126
V15	748.882	748.888	749.887	748.888	752.461	751.974	871.874	873.374	874.874	V105
L108	803.524	795.011	794.510	817.522	809.009	808.517	782.477	783.977	785.477	L104
P117	897.951	883.539	883.045	886.048	897.539	897.045	775.935	777.435	778.935	P115
R118	1007.919	993.300	993.800	921.919	1014.300	1014.800	877.919	879.419	880.919	R102
L119	965.814	957.101	956.609	978.812	971.000	970.500	826.307	827.807	829.307	L121
G120	1011.100	1011.100	1011.100	1011.100	1011.100	1011.100	1011.100	1011.100	1011.100	G118
R121	1085.182	1080.910	1080.910	1079.180	1090.740	1090.740	1090.740	1092.240	1093.740	R101
V122	1114.096	1106.181	1105.581	1128.094	1120.181	1119.580	864.200	865.700	867.200	V108
L123	1117.070	1182.725	1182.725	1182.725	1185.230	1176.722	1176.722	1178.222	1179.722	L117
L104	1227.780	1218.267	1218.765	1241.778	1233.265	1232.763	1082.271	1083.771	1085.271	L101
L126	1316.294	1310.261	1310.261	1310.261	1310.261	1310.261	1010.261	1011.761	1013.261	L106
R129	1492.054	1481.001	1481.001	1354.352	1443.810	1443.340	873.111	874.611	876.111	R124
R127	1494.464	1483.200	1483.200	1414.399	1440.100	1440.100	1001.100	1002.600	1004.100	R113
L128	1544.610	1540.412	1540.412	1540.412	1540.412	1540.412	1010.412	1011.912	1013.412	L122
E109	1559.401	1553.000	1553.000	1553.444	1544.911	1544.409	74.934	76.434	77.934	E111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=89.44
- ▶ F113279.dat
- ▶ query=q41594_p1
- ▶ precursor=771.725370
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
G[6]	656.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.093	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.874	1435.882	1433.866	P[13]
T[18]	1867.159	1383.810	1337.791	1338.799	1336.783	T[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	693.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.905	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=89.44
- ▶ F113279.dat
- ▶ query=q41594.p1
- ▶ precursor=771.725370
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	8.504	1533.930	L128
N12	123.084	1485.905	1477.898	1478.402	1477.394	N128
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
T19	506.849	1095.646	1087.637	1088.141	1087.133	T121
T110	563.390	1045.123	1037.113	1037.617	1036.609	T120
A111	598.908	988.581	980.571	981.075	980.067	A119
G112	662.937	933.060	925.053	925.557	924.549	G118
G113	691.448	889.033	881.023	881.527	880.519	G117
G114	719.959	860.522	852.513	853.017	852.009	G116
V115	769.493	832.011	824.002	824.506	823.498	V115
L116	838.035	782.477	774.468	774.972	773.964	L114
T117	874.561	728.935	721.928	722.432	721.424	T113
N118	911.553	677.400	669.390	669.893	668.885	N112
I119	988.125	620.867	612.858	612.862	611.874	I111
Q120	1052.154	563.845	555.836	556.340	555.332	Q110
A121	1087.673	499.816	491.807	492.310	491.303	A10
V122	1137.207	484.297	476.288	476.792	475.784	V18
L123	1193.749	414.763	406.754	407.258	406.251	L17
L124	1250.291	358.221	350.212	350.716	349.708	L16
P125	1288.817	301.679	293.670	294.174	293.166	P15
K126	1362.865	253.153	245.143	245.647	244.639	K14
K127	1426.912	189.105	181.096	181.600	180.592	K13
T128	1477.436	125.058	117.048	117.552	116.544	T12
E129	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=89.44
- ▶ F113279.dat
- ▶ query=q41594.p1
- ▶ precursor=771.725370
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.660	L20
N2	82.302	090.941	985.601	985.937	985.265	N28
K3	125.090	952.326	947.587	947.923	947.251	K27
L4	162.785	910.228	904.869	905.225	904.551	L26
L5	200.479	872.531	867.194	867.530	866.858	L25
G6	239.487	834.835	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	793.790	788.450	788.786	788.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	389.608	699.380	654.050	654.386	653.714	A19
Q12	442.294	636.710	630.371	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.131	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.863	479.209	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.526	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.455	196.116	196.452	195.780	T5
K26	908.912	169.100	163.760	164.100	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=65.30
- ▶ F113279.dat
- ▶ query=q41595_p1
- ▶ precursor=771.725390
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
L1	380	380	0.000	0.000	314	381	0.000	0.000	3683	380
R1	380	380	0.000	0.000	314	381	0.000	0.000	3683	380
R2	381	384	331	330	0.000	309	309	338	203	381
L4	341	338	454	262	0.000	469	333	452	267	341
L5	334	332	339	330	0.000	362	362	307	334	334
Q1	311	324	384	310	0.000	302	302	0.000	2922	311
R7	312	302	750	524	0.000	795	545	378	312	312
V1	866	819	849	592	0.000	894	613	377	819	866
L9	367	358	360	362	489	0.000	905	661	677	367
I10	380	380	0.000	0.000	314	381	0.000	0.000	3683	380
A11	1151	1151	1151	1151	1151	1151	1151	1151	1151	1151
Q12	1179	1186	1170	1181	1170	1181	1170	1181	1170	1186
G13	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139
G14	1193	1189	1193	1189	1193	1189	1193	1189	1193	1189
L15	1483	1477	1479	1471	1479	1471	1479	1471	1479	1483
L16	1306	1311	1306	1311	1306	1311	1306	1311	1306	1311
P17	1013	1024	1008	1000	1008	1000	1008	1000	1008	1013
R18	1317	1317	1317	1317	1317	1317	1317	1317	1317	1317
I19	1170	1172	1173	1174	1173	1174	1173	1174	1173	1170
Q20	1058	1060	1041	1041	1040	1040	1041	1040	1041	1058
A21	1139	1137	1139	1137	1139	1137	1139	1137	1139	1139
V22	1208	1208	1213	1209	1208	1209	1213	1209	1208	1208
L23	1241	1259	1234	1241	1234	1240	1239	1240	1239	1241
L24	1054	1053	1047	1047	1046	1046	1047	1046	1047	1054
P25	1013	1018	1008	1000	1008	1000	1008	1000	1008	1013
R26	1216	1211	1202	1212	1201	1201	1202	1201	1202	1216
K27	1017	1000	1000	1000	1000	1000	1000	1000	1000	1017
L28	1059	1054	1048	1048	1047	1047	1048	1047	1048	1059
L29	1117	1108	1103	1103	1102	1102	1103	1102	1103	1117

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=65.30
- ▶ F113279.dat
- ▶ query=q41595.p1
- ▶ precursor=771.725390
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a±0	b	b*	b±0	y	y*	y±0	AA
L1	41.552	8.528	8.528	32.943	0.504	0.504	1542.420	1233.838	1332.444	L156
R12	100.374	12.093	8.528	134.374	1.00393	0.504	1493.953	1471.366	1416.981	R122
R13	164.632	136.118	8.528	178.618	170.106	0.504	1438.889	1426.375	1416.981	R122
L14	221.583	212.650	8.528	235.188	226.647	0.504	1384.833	1359.325	1358.533	L126
L15	277.703	269.339	8.528	286.958	280.388	0.504	1330.359	1299.783	1299.993	L126
Q16	336.228	297.718	8.528	339.213	311.700	0.504	1276.755	1243.241	1242.740	Q124
R17	395.387	356.700	8.528	398.278	368.763	0.504	1223.284	1214.770	1214.739	R125
V18	453.813	425.381	8.528	447.818	418.849	0.504	1169.811	1168.481	1168.189	V122
V19	484.337	475.823	475.323	488.334	489.821	489.320	1095.846	1087.233	1100.943	V121
I10	540.879	532.366	531.874	554.876	546.361	545.871	1045.123	1036.509	1036.111	I128
A11	576.397	567.884	567.382	590.395	581.877	581.390	986.581	980.967	979.575	A119
Q123	640.427	631.914	631.412	654.424	645.911	645.419	951.862	944.543	944.057	Q118
Q111	680.434	671.921	682.935	674.432	673.930	689.933	889.515	889.027	887.537	Q117
Q14	697.448	688.935	688.433	711.444	702.932	702.440	860.522	852.009	851.517	Q116
V121	746.563	738.049	737.571	760.568	752.049	751.914	832.581	824.068	823.576	V115
L108	768.589	765.011	764.513	817.523	809.000	809.517	782.471	773.958	773.472	L104
P117	852.651	844.137	843.635	866.644	858.127	857.643	729.830	717.422	716.935	P113
R116	868.674	860.159	859.657	873.676	874.556	874.064	877.428	868.915	868.403	R114
L118	908.694	901.177	900.675	916.632	917.098	916.597	920.381	911.874	911.372	L114
Q120	932.844	924.328	923.826	938.841	930.324	929.826	941.811	555.332	554.840	Q119
A121	958.382	950.865	950.363	1079.360	1070.843	1070.354	1003.833	491.321	490.811	A116
V122	1114.408	1106.891	1106.389	1128.904	1120.387	1119.889	484.297	485.789	485.286	V118
L128	1111.238	1103.721	1103.219	1185.238	1176.722	1176.212	454.754	456.246	455.740	L122
L124	1227.388	1219.871	1219.370	1241.778	1233.262	1232.753	388.221	389.710	389.210	L120
P124	1276.377	1267.860	1267.358	1287.861	1279.344	1278.835	381.691	383.180	382.678	P121
R126	1340.354	1331.837	1331.335	1349.352	1340.835	1340.326	255.533	244.025	244.524	R124
R127	1404.402	1395.885	1395.383	1419.398	1410.881	1410.372	188.381	189.870	189.368	R124
L126	1434.326	1425.809	1425.307	1445.320	1436.803	1436.294	125.288	8.528	116.807	L122
L124	1518.401	1510.884	1510.382	1529.401	1520.884	1520.375	78.433	84.928	85.426	L121

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=65.30
- ▶ F113279.dat
- ▶ query=q41595.p1
- ▶ precursor=771.725390
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a ²⁺	b	b ⁺	b ²⁺	y	y ⁺	y ²⁺	AA
T1	26.305	38.72	0.87	75.755	77.942	0.872	102.181	102.269	102.357	L269
R2	67.305	63.709	0.872	109.415	111.739	0.872	145.241	145.255	145.270	R260
R3	110.083	104.407	0.872	149.415	151.939	0.872	192.926	194.251	195.622	R227
L4	147.718	142.104	0.872	187.080	191.434	0.872	240.228	244.553	248.225	L236
L15	238.472	229.707	0.872	269.804	274.928	0.872	327.533	336.558	344.530	L235
G6	294.479	286.804	0.872	313.811	318.135	0.872	384.533	392.163	399.835	G24
R7	326.522	320.846	0.872	359.857	364.119	0.872	431.832	439.159	446.828	R225
G8	389.544	383.869	0.872	424.881	429.235	0.872	509.789	516.114	522.786	G222
V9	423.227	417.551	0.872	461.225	465.583	0.872	558.747	565.069	571.743	V221
L10	460.822	455.146	0.872	500.251	504.575	0.872	607.084	614.408	621.081	L220
A11	494.601	488.925	0.872	540.925	545.249	0.872	656.382	663.714	670.387	A119
G12	527.208	521.532	0.872	582.524	586.848	0.872	705.441	712.773	719.446	G118
G13	560.804	555.128	0.872	624.524	628.848	0.872	754.441	761.773	768.446	G117
G14	594.401	588.725	0.872	666.524	670.848	0.872	803.441	810.773	817.446	G116
V15	627.997	622.321	0.872	708.524	712.848	0.872	852.441	859.773	866.446	V115
L16	661.594	655.918	0.872	750.524	754.848	0.872	901.441	908.773	915.446	L164
L17	695.191	689.515	0.872	792.524	796.848	0.872	950.441	957.773	964.446	L173
R18	728.788	723.112	0.872	834.524	838.848	0.872	1000.441	1007.773	1014.446	R182
L19	762.385	756.709	0.872	876.524	880.848	0.872	1050.441	1057.773	1064.446	L191
G20	795.982	790.306	0.872	918.524	922.848	0.872	1100.441	1107.773	1114.446	G200
A21	829.579	823.903	0.872	960.524	964.848	0.872	1150.441	1157.773	1164.446	A210
V22	863.176	857.500	0.872	1002.524	1006.848	0.872	1200.441	1207.773	1214.446	V220
L23	896.773	891.097	0.872	1044.524	1048.848	0.872	1250.441	1257.773	1264.446	L230
L24	930.370	924.694	0.872	1086.524	1090.848	0.872	1300.441	1307.773	1314.446	L240
R25	963.967	958.291	0.872	1128.524	1132.848	0.872	1350.441	1357.773	1364.446	R250
R26	1000.564	994.888	0.872	1170.524	1174.848	0.872	1400.441	1407.773	1414.446	R260
R27	1034.161	1028.485	0.872	1212.524	1216.848	0.872	1450.441	1457.773	1464.446	R270
R28	1067.758	1062.082	0.872	1254.524	1258.848	0.872	1500.441	1507.773	1514.446	R280
R29	1101.355	1095.679	0.872	1296.524	1300.848	0.872	1550.441	1557.773	1564.446	R290

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.29
- ▶ F113279.dat
- ▶ query=q41596.p1
- ▶ precursor=771.725390
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	657.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.864	1435.852	1433.836	P[13]
TW[18]	1852.159	1383.810	1337.791	1338.799	1336.783	TW[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
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L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.29
- ▶ F113279.dat
- ▶ query=q41596.p1
- ▶ precursor=771.725390
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	8.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.394	N08
K13	187.132	1428.889	1420.877	1421.381	1420.373	K27
L14	243.674	1364.839	1356.829	1357.333	1356.325	L26
L15	300.216	1308.297	1300.287	1300.791	1299.783	L25
G16	358.759	1251.755	1243.745	1244.249	1243.241	G24
K17	406.799	1223.244	1215.234	1215.738	1214.731	K23
V18	456.324	1145.181	1137.171	1137.675	1136.667	V22
T19	506.849	1095.646	1087.637	1088.141	1087.133	T21
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	608.909	988.591	980.571	981.075	980.067	A19
G12	662.937	933.065	925.053	925.557	924.549	G18
G13	691.448	889.033	881.023	881.527	880.519	G17
G14	719.959	860.522	852.513	853.017	852.009	G16
V15	769.493	832.011	824.002	824.506	823.498	V15
L16	820.035	782.477	774.468	774.972	773.964	L14
T17	874.561	728.935	720.926	721.430	720.422	T13
N18	931.583	677.405	669.396	669.900	668.892	N12
I19	988.125	620.867	612.858	613.362	612.354	I11
Q20	1052.154	563.845	555.836	556.340	555.332	Q10
A21	1087.673	499.816	491.807	492.311	491.303	A0
V22	1137.207	484.297	476.288	476.792	475.784	V8
L23	1193.749	414.763	406.754	407.258	406.250	L17
L24	1250.291	358.221	350.212	350.716	349.708	L16
P25	1298.817	301.679	293.670	294.174	293.166	P5
K26	1362.865	253.153	245.143	245.647	244.639	K4
K27	1426.912	189.105	181.096	181.600	180.592	K3
T28	1477.436	125.058	117.049	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=75.29
- ▶ F113279.dat
- ▶ query=q41596.p1
- ▶ precursor=771.725390
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.660	L29
N2	62.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.326	947.587	947.923	947.251	K27
L4	162.785	910.228	904.889	905.225	904.551	L26
L5	200.479	872.531	867.194	867.530	866.858	L25
G6	239.487	834.839	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	793.790	788.450	788.786	788.114	V22
T9	338.234	780.767	775.427	775.763	775.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	389.608	699.389	654.050	654.386	653.714	A19
Q12	442.294	636.710	630.371	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.131	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.863	479.209	478.617	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.455	196.116	196.452	195.780	T5
K26	908.912	169.100	163.760	164.101	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=96.46
- ▶ F113279.dat
- ▶ query=q41597_p1
- ▶ precursor=617.581770
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	131.119	2083.892	3067.873	9.000	2066.865	L129
N1	245.161	2970.808	2954.789	2055.797	2953.781	N20
K1	373.256	2856.705	2840.746	2841.754	2839.738	K27
L1	480.340	2728.670	2712.653	2713.659	2711.643	L26
L1	599.424	2615.588	2599.567	2600.575	2598.559	L25
G1	658.465	2502.502	2486.483	2487.491	2485.475	G24
K1	812.572	2445.480	2429.462	2430.469	2428.454	K23
V1	911.640	2289.354	2273.335	2274.343	2272.327	V22
F1	1012.688	2100.266	2174.267	2175.275	2173.259	F21
T1	1125.772	2089.238	2073.219	2074.227	2072.211	T20
A1	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q1	1324.867	1905.111	1889.093	1890.101	1888.085	Q18
G1	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G1	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V1	1537.979	1663.015	1646.997	1648.004	1645.989	V15
L1	1651.063	1563.947	1547.928	1548.936	1546.920	L14
F1	1768.316	1450.863	1434.844	1435.852	1433.836	F13
N1	1862.159	1353.610	1337.791	1338.799	1336.783	N12
I1	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q1	2161.301	1126.683	1110.664	1111.672	1109.656	Q10
A2	2174.338	998.624	982.606	983.614	981.598	A9
V2	2273.407	927.587	911.568	912.576	910.561	V8
L2	2388.493	828.539	812.500	813.508	811.492	L7
L2	2499.575	715.435	699.416	700.424	698.408	L6
P2	2596.628	602.351	586.332	587.340	585.324	P5
K2	2724.723	505.298	489.279	490.287	488.271	K4
K2	2852.818	377.203	361.184	362.192	360.177	K3
T2	2953.885	249.108	233.089	234.097	232.081	T2
E2	3062.968	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=96.46
- ▶ F113279.dat
- ▶ query=q41597.p1
- ▶ precursor=617.581770
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1542.450	1534.440	6.504	1533.930	L[29]
N[2]	123.084	1485.908	1477.898	1478.402	1477.304	N[28]
K[3]	187.132	1428.886	1420.877	1421.381	1420.373	K[27]
L[4]	243.674	1364.839	1356.829	1357.333	1356.325	L[26]
L[5]	300.216	1308.297	1300.287	1292.277	1291.269	L[25]
G[6]	358.758	1251.755	1243.745	1244.249	1243.241	G[24]
K[7]	406.789	1223.244	1215.234	1215.738	1214.731	K[23]
V[8]	456.324	1145.181	1137.171	1137.675	1136.667	V[22]
T[9]	506.848	1095.646	1087.637	1088.141	1087.133	T[21]
I[10]	563.390	1045.123	1037.113	1037.617	1036.609	I[20]
A[11]	620.932	988.581	980.571	981.075	980.067	A[19]
Q[12]	652.937	933.062	945.053	945.557	944.549	Q[18]
G[13]	691.448	889.033	881.023	881.527	880.519	G[17]
G[14]	719.959	860.522	852.513	853.017	852.009	G[16]
V[15]	769.493	832.011	824.002	824.506	823.498	V[15]
L[16]	826.035	782.477	774.468	774.972	773.964	L[14]
F[17]	874.561	725.935	717.926	718.430	717.422	F[13]
T[18]	931.583	677.406	669.399	669.903	668.895	T[12]
I[19]	988.125	620.387	612.378	612.882	611.874	I[11]
Q[20]	1052.154	563.845	555.836	556.340	555.332	Q[10]
A[21]	1087.673	499.616	491.607	492.110	491.103	A[9]
V[22]	1137.207	464.297	456.288	456.792	455.784	V[8]
L[23]	1193.749	434.763	406.754	407.258	406.250	L[7]
L[24]	1250.291	398.221	390.212	390.716	389.708	L[6]
P[25]	1298.817	363.679	363.670	364.174	363.166	P[5]
K[26]	1362.865	253.153	245.143	245.647	244.639	K[4]
K[27]	1426.912	189.105	181.096	181.600	180.592	K[3]
T[28]	1477.436	125.058	117.048	117.552	116.544	T[2]
E[29]	1541.958	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=96.46
- ▶ F113279.dat
- ▶ query=q14597_p1
- ▶ precursor=617.581770
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1021.296	0.672	1022.960	L 29
N 2	82.302	690.841	985.661	985.937	985.265	N 28
K 3	125.090	952.930	947.587	947.923	947.251	K 27
L 4	162.785	910.228	905.887	905.225	904.263	L 26
L 5	200.479	872.333	867.194	862.130	866.858	L 25
Q 6	239.487	834.839	829.499	829.835	829.153	Q 24
K 7	271.529	815.832	810.492	810.828	810.156	K 23
V 8	304.552	763.790	758.450	758.786	758.114	V 22
T 9	338.234	730.787	725.437	725.763	725.091	T 21
I 10	375.929	697.084	691.745	692.081	691.409	I 20
A 11	389.608	659.389	654.050	654.386	653.714	A 19
Q 12	442.294	639.710	634.371	630.707	630.035	Q 18
Q 13	461.301	593.024	587.685	588.021	587.349	Q 17
G 14	480.308	574.017	568.678	569.013	568.342	G 16
V 15	513.331	555.010	549.670	550.006	549.334	V 15
L 16	551.026	521.987	516.648	516.984	516.312	L 14
P 17	583.377	484.292	478.953	479.289	478.617	P 13
T 18	621.391	451.942	446.602	446.938	446.266	T 12
I 19	659.086	413.927	408.588	408.924	408.252	I 11
Q 20	701.772	376.233	370.893	371.229	370.557	Q 10
A 21	725.451	333.946	328.207	328.543	327.871	A 9
V 22	758.474	309.867	304.528	304.864	304.192	V 8
L 23	796.168	276.844	271.505	271.841	271.169	L 7
L 24	833.863	239.150	233.810	234.146	233.474	L 6
T 25	892.214	201.458	196.118	196.453	195.781	T 5
K 26	908.912	169.104	163.765	164.101	163.429	K 4
K 27	951.611	126.406	121.066	121.402	120.730	K 3
T 28	985.293	83.708	78.368	78.704	78.032	T 2
E 29	1028.307	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=96.46
- ▶ F113279.dat
- ▶ query=q41597_p1
- ▶ precursor=617.581770
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
L	1	33.535	771.726	767.724	0.756	767.472	L ₂₉
N	2	62.046	743.451	739.453	739.705	739.201	N ₂₆
K	3	94.059	714.947	710.945	711.194	710.690	K ₂₇
L	4	122.340	687.923	678.918	679.170	678.666	L ₂₆
L	5	150.611	654.652	650.647	650.899	650.395	L ₂₅
G	6	164.867	626.381	622.376	622.628	622.124	G ₂₄
K	7	203.898	612.126	608.121	608.373	607.869	K ₂₃
V	8	228.665	573.094	569.089	569.341	568.837	V ₂₂
T	9	253.927	548.327	544.322	544.574	544.070	T ₂₁
T	10	262.198	523.065	519.060	519.312	518.808	T ₂₀
A	11	269.958	494.794	490.789	491.041	490.537	A ₁₉
Q	12	331.972	477.035	473.030	473.282	472.778	Q ₁₈
G	13	346.228	445.020	441.015	441.267	440.763	G ₁₇
G	14	360.483	430.765	426.760	427.012	426.508	G ₁₆
V	15	385.250	416.509	412.505	412.757	412.253	V ₁₅
L	16	413.521	391.742	387.737	387.989	387.486	L ₁₄
P	17	437.784	363.471	359.466	359.718	359.215	P ₁₃
N	18	466.295	339.208	335.203	335.455	334.951	N ₁₂
T	19	494.566	310.897	306.891	307.143	306.641	T ₁₁
Q	20	526.381	282.426	278.422	278.673	278.170	Q ₁₀
A	21	544.340	250.412	246.407	246.659	246.155	A ₉
V	22	569.107	232.652	228.648	228.900	228.396	V ₈
L	23	597.378	207.885	203.881	204.132	203.629	L ₇
L	24	625.649	179.614	175.609	175.861	175.358	L ₆
P	25	649.912	151.343	147.338	147.590	147.087	P ₅
K	26	681.936	127.080	123.075	123.327	122.823	K ₄
K	27	713.960	95.056	91.052	91.304	90.800	K ₃
T	28	739.222	63.032	59.028	59.280	58.776	T ₂
E	29	771.462	37.771	33.766	34.018	33.514	E ₁

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=76.65
- ▶ F113279.dat
- ▶ query=q41598.p1
- ▶ precursor=1028.631500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	r	y*	y,Δ	AA
L13	981.000	981.000	0.000	114.000	0.000	0.000	2081.000	1038.000	0.000	L129
N12	1017.111	1017.111	0.000	108.778	0.000	0.000	2119.000	1076.000	0.000	N10
K13	1053.222	1053.222	0.000	103.556	0.000	0.000	2157.000	1114.000	0.000	K129
L14	1089.333	1089.333	0.000	98.333	0.000	0.000	2195.000	1152.000	0.000	L128
L15	1125.444	1125.444	0.000	93.111	0.000	0.000	2233.000	1190.000	0.000	L127
L16	1161.556	1161.556	0.000	87.889	0.000	0.000	2271.000	1228.000	0.000	L126
G17	1197.667	1197.667	0.000	82.667	0.000	0.000	2309.000	1266.000	0.000	G15
K17	1233.778	1233.778	0.000	77.444	0.000	0.000	2347.000	1304.000	0.000	K125
V18	1269.889	1269.889	0.000	72.222	0.000	0.000	2385.000	1342.000	0.000	V17
T19	1305.999	1305.999	0.000	67.000	0.000	0.000	2423.000	1380.000	0.000	T16
D20	1342.111	1342.111	0.000	61.778	0.000	0.000	2461.000	1418.000	0.000	D19
A11	1378.222	1378.222	0.000	56.556	0.000	0.000	2499.000	1456.000	0.000	A10
G12	1414.333	1414.333	0.000	51.333	0.000	0.000	2537.000	1494.000	0.000	G11
G13	1450.444	1450.444	0.000	46.111	0.000	0.000	2575.000	1532.000	0.000	G17
G14	1486.556	1486.556	0.000	40.889	0.000	0.000	2613.000	1570.000	0.000	G16
V15	1522.667	1522.667	0.000	35.667	0.000	0.000	2651.000	1608.000	0.000	V14
L16	1558.778	1558.778	0.000	30.444	0.000	0.000	2689.000	1646.000	0.000	L14
P17	1594.889	1594.889	0.000	25.222	0.000	0.000	2727.000	1684.000	0.000	P13
N18	1630.999	1630.999	0.000	20.000	0.000	0.000	2765.000	1722.000	0.000	N16
D19	1667.111	1667.111	0.000	14.778	0.000	0.000	2803.000	1760.000	0.000	D15
G20	1703.222	1703.222	0.000	9.556	0.000	0.000	2841.000	1798.000	0.000	G18
A21	1739.333	1739.333	0.000	4.333	0.000	0.000	2879.000	1836.000	0.000	A19
V22	1775.444	1775.444	0.000	-0.889	0.000	0.000	2917.000	1874.000	0.000	V18
L23	1811.556	1811.556	0.000	-5.667	0.000	0.000	2955.000	1912.000	0.000	L17
L24	1847.667	1847.667	0.000	-10.444	0.000	0.000	2993.000	1950.000	0.000	L18
P25	1883.778	1883.778	0.000	-15.222	0.000	0.000	3031.000	1988.000	0.000	P16
K26	1919.889	1919.889	0.000	-20.000	0.000	0.000	3069.000	2026.000	0.000	K14
K27	1955.999	1955.999	0.000	-24.778	0.000	0.000	3107.000	2064.000	0.000	K13
L28	1992.111	1992.111	0.000	-29.556	0.000	0.000	3145.000	2102.000	0.000	L19
E29	2028.222	2028.222	0.000	-34.333	0.000	0.000	3183.000	2140.000	0.000	E11

sp | Q6GSS7 | H2A2A_MOUSE

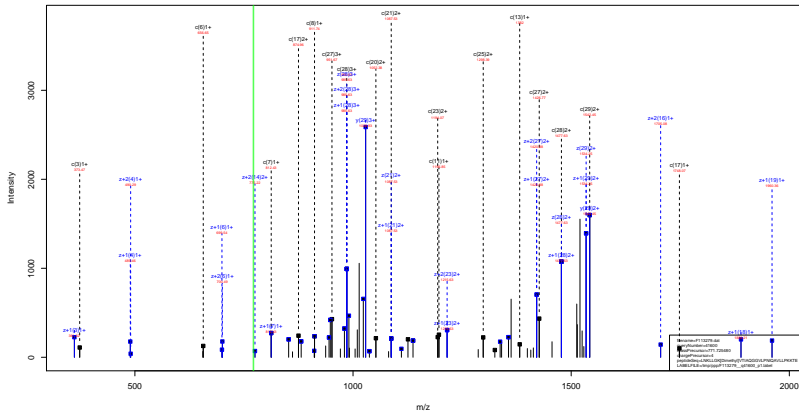
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=76.65
- ▶ F113279.dat
- ▶ query=q41598_p1
- ▶ precursor=1028.631500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a ⁰	a,β	b	b ⁰	b,β	y	y ⁰	a,β	AA
L1	41.592	0.500	0.500	37.540	0.500	0.500	1042.490	1531.830	1533.444	L126
K1	100.174	0.500	0.500	144.574	0.500	0.500	4019.380	1471.260	1478.000	K120
K1	184.521	1.000	0.500	178.013	1.000	0.500	1436.000	1430.572	1431.081	K122
L14	241.181	0.125	0.500	236.100	240.044	0.500	1304.210	1300.300	1305.811	L126
L15	227.050	0.125	0.500	222.100	220.100	0.500		220.700	220.700	L126
Q1	306.710	2.000	0.500	330.211	311.100	0.500	1251.755	1243.241	1242.749	Q124
K1	384.270	0.125	0.500	388.270	389.763	0.500	1071.044	1114.710	1114.210	K122
V1	433.011	4.500	0.500	447.011	432.207	0.500	1145.101	1130.460	1130.174	V122
L16	468.710	0.125	0.500	469.211	469.211	0.500	760.207	760.207	760.211	L124
L16	440.870	0.125	0.500	554.876	548.361	0.500	645.491	645.491	646.000	L124
A11	576.507	3.000	0.500	590.505	581.007	0.500	980.017	979.515	979.515	A116
Q12	646.077	0.125	0.500	654.424	645.911	645.413	651.082	644.540	644.540	Q116
Q13	646.077	0.625	0.500	670.676	674.622	0.500	809.030	800.510	800.017	Q117
Q14	697.448	0.125	0.500	711.448	702.932	702.440	809.707	852.000	851.517	Q116
V15	748.382	748.460	0.125	760.381	752.407	0.500	819.810	819.810	819.810	V116
L16	801.524	795.811	0.625	817.522	809.009	808.517	782.477	771.000	771.477	L114
P17	852.491	0.125	0.500	866.048	857.530	857.043	775.915	717.422	716.930	P115
K13	899.372	0.125	0.500	899.372	899.372	0.500	104.000	104.000	104.000	K112
L16	965.814	0.625	0.500	979.812	971.003	970.006	936.509	611.874	611.382	L111
Q15	1009.044	0.125	0.500	1009.044	1009.044	0.500	101.200	101.200	554.840	Q115
K1	1009.044	0.625	0.500	1079.160	1070.640	1070.154	1019.100	101.200	101.200	K116
V12	1114.000	1.125	0.500	1120.004	1120.180	1119.700	404.200	455.784	455.292	V116
L12	1177.230	1162.725	1.000	1185.230	1176.723	1176.230	414.000	408.200	408.700	L117
L14	1227.780	0.125	0.500	1241.778	1233.263	1232.773	108.200	100.700	100.200	L111
P15	1276.371	0.125	0.500	1276.371	1276.371	0.500	104.000	104.000	104.000	P115
K16	1461.074	0.125	0.500	1461.074	1461.074	0.500	111.000	111.000	111.000	K114
K17	1404.402	0.625	0.500	1418.399	1409.880	1409.394	109.100	100.100	100.100	K111
L16	1466.074	0.125	0.500	1466.074	1466.074	0.500	110.000	110.000	110.000	L111
E16	1510.447	0.125	0.500	1510.447	1510.447	0.500	14.000	0.500	0.500	E111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.44
- ▶ F113279.dat
- ▶ query=q41600.p1
- ▶ precursor=771.725480
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3083.802	3067.873	0.000	3066.865	L[26]
N[2]	245.161	2970.808	2954.789	2955.797	2953.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	597.424	2615.586	2599.567	2600.575	2598.559	L[25]
G[6]	656.445	2502.502	2486.483	2487.491	2485.475	G[24]
K[7]	812.572	2445.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2389.354	2373.335	2374.343	2372.327	V[22]
T[9]	1012.688	2190.266	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1244.867	1909.111	1893.090	1894.108	1892.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.979	1603.015	1648.997	1648.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1748.116	1450.863	1434.844	1435.852	1433.836	T[13]
N[18]	1862.159	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1975.243	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.338	998.624	982.605	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2389.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.416	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.818	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.865	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.908	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.44
- ▶ F113279.dat
- ▶ query=q41600.p1
- ▶ precursor=771.725480
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.936	L120
N1	123.054	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
T19	506.849	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	608.908	988.581	980.571	981.075	980.067	A119
G12	662.937	933.060	943.053	943.557	944.549	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	812.011	804.002	804.506	803.498	V115
L16	838.035	782.477	774.468	774.972	773.964	L114
T17	874.561	728.935	721.928	722.432	721.424	T113
N18	911.553	677.400	669.390	669.893	668.885	N112
I19	968.125	620.867	612.858	612.862	611.874	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A21	1087.673	499.816	491.807	492.310	491.303	A10
V22	1137.207	484.297	476.288	476.792	475.784	V19
L23	1193.749	414.763	406.754	407.258	406.251	L17
L24	1250.291	358.221	350.213	350.716	349.708	L16
P25	1288.817	301.679	293.670	294.174	293.166	P15
K26	1362.805	253.153	245.143	245.647	244.639	K14
K27	1426.912	189.105	181.096	181.600	180.592	K13
T28	1477.436	125.058	117.048	117.552	116.544	T12
E29	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.44
- ▶ F113279.dat
- ▶ query=q41600.p1
- ▶ precursor=771.725480
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1022.960	L29
N2	62.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.326	947.587	947.923	947.251	K27
L4	162.785	910.228	904.889	905.225	904.551	L26
L5	200.479	872.531	867.194	867.530	866.858	L25
G6	239.487	834.835	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	793.790	788.450	788.786	788.114	V22
T9	338.234	780.767	775.427	775.763	775.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	389.608	699.389	654.050	654.386	653.714	A19
Q12	442.294	636.710	630.371	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.863	479.200	478.527	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.455	196.116	196.452	195.780	T5
K26	908.912	169.100	163.760	164.100	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=88.85
- ▶ F113279.dat
- ▶ query=q41601.p1
- ▶ precursor=771.725490
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2613.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2488.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1978.154	1966.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.979	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.863	1434.844	1435.852	1433.836	P[13]
T[18]	1852.159	1383.810	1337.791	1338.799	1336.783	T[12]
I[19]	1975.243	1238.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2951.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=88.85
- ▶ F113279.dat
- ▶ query=q41601.p1
- ▶ precursor=771.725490
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.936	L126
N12	123.084	1485.905	1477.898	1478.402	1477.394	N120
K13	187.132	1428.889	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1366.620	1357.333	1356.325	L126
L15	300.216	1308.297	1309.787	1300.791	1299.783	L125
G16	358.758	1251.755	1243.745	1244.249	1243.241	G124
K17	406.799	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
F19	506.840	1095.646	1087.637	1088.141	1087.133	F121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	608.908	988.581	989.117	981.075	980.067	A119
G12	662.937	933.062	945.053	945.557	944.549	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	820.035	782.477	774.468	774.972	773.964	L114
F17	874.561	728.935	729.468	728.936	727.428	F113
N18	931.583	677.400	669.390	669.903	668.895	N112
I19	988.125	620.867	612.870	612.882	611.874	I111
Q10	1052.154	563.845	555.838	556.340	555.332	Q110
A11	1087.673	499.816	491.807	492.310	491.303	A10
V12	1137.207	484.297	456.288	456.792	455.784	V10
L13	1193.749	414.763	406.754	407.258	406.250	L11
L14	1250.291	358.221	350.213	350.716	349.708	L10
P15	1298.817	301.679	293.670	294.174	293.166	P10
K16	1362.865	253.153	245.143	245.647	244.639	K14
K17	1426.912	189.105	181.096	181.600	180.592	K13
T18	1477.436	125.058	117.048	117.552	116.544	T12
E19	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

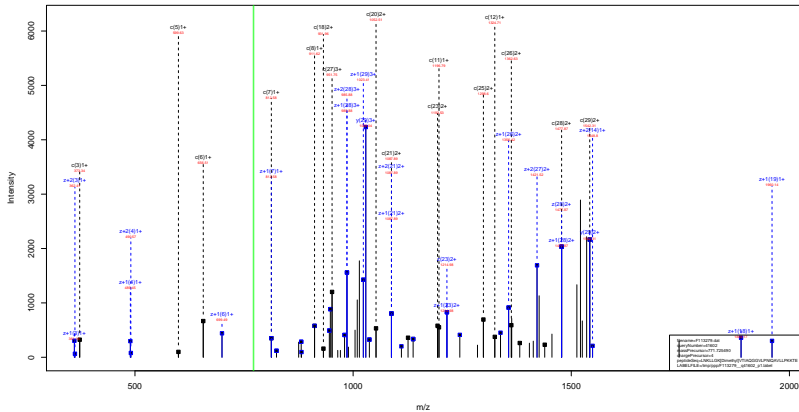
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=88.85
- ▶ F113279.dat
- ▶ query=q41601.p1
- ▶ precursor=771.725490
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.296	0.672	1023.660	L29
N2	62.302	990.941	985.601	985.937	985.265	N28
K3	125.090	952.326	947.587	947.923	947.251	K27
L4	162.785	910.228	904.889	905.225	904.551	L26
L5	200.479	872.531	867.194	867.530	866.858	L25
G6	239.487	834.835	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.552	793.790	788.450	788.786	788.114	V22
T9	338.234	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	626.710	621.371	621.707	621.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.131	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.202	478.863	479.200	478.527	P13
N18	621.391	451.942	446.602	446.938	446.266	N12
I19	659.086	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.233	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.188	276.844	271.505	271.841	271.169	L7
L24	833.863	239.150	233.810	234.146	233.474	L6
T25	869.214	201.455	196.116	196.452	195.780	T5
K26	908.912	169.100	163.760	164.101	163.429	K4
K27	951.611	138.406	133.066	133.402	132.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.307	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.45
- ▶ F113279.dat
- ▶ query=q41602.p1
- ▶ precursor=771.725490
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.559	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.288	2174.269	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.879	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1450.893	1434.874	1435.882	1433.866	F[13]
TW[18]	1852.159	1383.810	1337.791	1338.799	1336.783	TW[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.575	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.908	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.45
- ▶ F113279.dat
- ▶ query=q41602.p1
- ▶ precursor=771.725490
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L120
N1	123.054	1485.905	1477.898	1478.402	1477.394	N120
K1	187.132	1428.886	1420.877	1421.381	1420.373	K127
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.750	1251.755	1243.745	1244.249	1243.241	G124
K17	406.790	1223.244	1215.234	1215.738	1214.731	K123
V18	456.324	1145.181	1137.171	1137.675	1136.667	V122
T19	506.840	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T20
A11	608.908	988.581	980.571	981.075	980.067	A119
G12	662.937	933.060	945.053	945.557	944.549	G118
G13	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
T17	874.581	728.935	721.926	722.430	721.422	T113
N18	931.583	677.400	669.390	669.903	668.895	N112
I19	988.125	620.867	612.858	612.862	611.874	I111
Q10	1052.154	563.845	555.836	556.340	555.332	Q110
A11	1087.673	499.816	491.807	492.310	491.303	A10
V12	1137.207	484.297	476.288	476.792	475.784	V10
L13	1193.749	414.763	406.754	407.258	406.250	L11
L14	1250.291	358.221	350.212	350.716	349.708	L10
P15	1298.817	301.679	293.670	294.174	293.166	P10
K16	1362.865	253.153	245.143	245.647	244.639	K14
K17	1428.917	199.105	181.096	181.600	180.592	K13
T18	1477.436	125.058	117.048	117.552	116.544	T12
E19	1541.958	74.534	66.524	67.028	66.021	E11

sp | Q6GSS7 | H2A2A_MOUSE

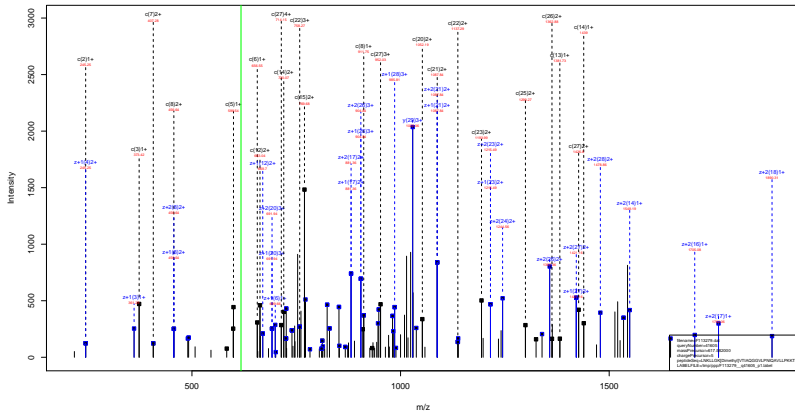
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.45
- ▶ F113279.dat
- ▶ query=q41602.p1
- ▶ precursor=771.725490
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296		0.672	1022.960 L 29
N 2	62.392	990.941	985.601	985.937		985.265 N 28
K 3	125.090	952.026	947.587	947.923		947.251 K 27
L 4	162.795	910.228	904.889	905.225		904.553 L 26
L 5	200.479	872.533	867.134	867.530		866.955 L 25
G 6	219.487	834.839	829.400	829.835		829.163 G 24
K 7	271.529	815.832	810.402	810.828		810.158 K 23
V 8	304.552	763.790	758.450	758.786		758.114 V 22
T 9	336.234	730.767	725.427	725.763		725.091 T 21
I 10	375.929	697.084	691.745	692.081		691.409 I 20
A 11	399.608	659.389	654.050	654.386		653.714 A 19
Q 12	442.294	636.720	630.374	630.707		630.033 Q 18
G 13	461.301	593.024	587.685	588.021		587.349 G 17
G 14	480.308	574.017	568.678	569.013		568.342 G 16
V 15	513.331	555.010	549.670	550.006		549.334 V 15
L 16	551.026	521.987	516.648	516.984		516.312 L 14
F 17	583.377	484.292	478.953	479.289		478.613 F 13
Tu 18	621.391	451.942	446.603	446.938		446.266 Tu 12
I 19	659.088	413.927	408.588	408.924		408.252 I 11
Q 20	701.772	376.213	370.893	371.229		370.557 Q 10
A 21	725.451	333.546	328.207	328.543		327.871 A 9
V 22	758.474	309.867	304.528	304.864		304.192 V 8
L 23	796.168	276.844	271.505	271.841		271.169 L 7
L 24	833.863	239.350	233.950	234.348		233.674 L 6
P 25	866.214	201.655	196.116	196.451		195.785 P 5
K 26	908.912	169.104	163.765	164.101		163.428 K 4
K 27	951.611	126.406	121.066	121.402		120.730 K 3
T 28	995.293	83.708	78.368	78.704		78.032 T 2
E 29	1028.307	50.025	44.685	45.021		44.349 E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=102.49
- ▶ F113279.dat
- ▶ query=q41605.p1
- ▶ precursor=617.582000
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3081.892	3067.873	0.000	3066.895	L 29
N 2	245.161	2970.808	2954.789	2955.797	2951.781	N 28
K 3	373.256	2856.765	2840.746	2841.754	2839.738	K 27
L 4	486.340	2728.670	2712.651	2713.659	2711.643	L 26
L 5	599.424	2615.585	2599.567	2600.575	2598.560	L 25
G 6	656.445	2502.502	2486.483	2487.491	2485.475	G 24
K 7	812.572	2345.480	2429.462	2430.469	2428.454	K 23
V 8	911.640	2288.354	2273.335	2274.343	2272.327	V 22
T 9	1012.688	2190.286	2174.267	2175.275	2173.259	T 21
I 10	1125.772	2089.238	2073.219	2074.227	2072.211	I 20
A 11	1169.809	1976.154	1960.135	1961.143	1959.127	A 19
Q 12	1324.867	1905.111	1889.092	1890.106	1888.086	Q 18
G 13	1381.889	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1438.910	1720.937	1704.918	1705.926	1703.910	G 16
V 15	1537.879	1663.015	1646.997	1646.004	1645.989	V 15
L 16	1651.063	1563.947	1547.928	1548.936	1546.920	L 14
F 17	1748.116	1450.893	1434.864	1435.872	1433.856	F 13
Tu 18	1862.159	1383.810	1367.791	1368.799	1366.783	Tu 12
I 19	1975.243	1236.767	1223.748	1224.756	1222.741	I 11
Q 20	2103.301	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2174.336	998.624	982.606	983.614	981.598	A 9
V 22	2273.407	927.587	911.569	912.576	910.561	V 8
L 23	2386.491	828.519	812.500	813.508	811.492	L 7
L 24	2499.576	715.435	699.415	700.424	698.408	L 6
P 25	2596.626	602.351	586.332	587.340	585.324	P 5
K 26	2724.723	505.298	489.279	490.287	488.271	K 4
K 27	2852.816	377.203	361.184	362.192	360.177	K 3
T 28	2953.895	249.108	233.089	234.097	232.082	T 2
E 29	3082.938	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=102.49
- ▶ F113279.dat
- ▶ query=q41605.p1
- ▶ precursor=617.582000
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	66.063	1542.450	1534.440	0.504	1533.936	L 20
N 2	123.084	1485.908	1477.899	1478.402	1477.354	N 20
K 3	187.132	1426.886	1420.877	1421.381	1420.373	K 27
L 4	243.674	1364.839	1356.829	1357.333	1356.325	L 26
L 5	300.216	1308.297	1300.287	1292.279	1299.783	L 25
G 6	359.726	1251.758	1243.748	1244.249	1243.241	G 24
K 7	406.789	1223.244	1215.234	1215.738	1214.731	K 23
V 8	456.324	1145.181	1137.171	1137.675	1136.667	V 22
T 9	506.846	1095.646	1087.637	1088.141	1087.133	T 21
T 10	563.390	1045.123	1037.113	1037.617	1036.609	T 20
A 11	598.908	988.581	980.571	981.075	980.067	A 19
Q 12	662.937	913.066	905.056	905.557	904.549	Q 18
G 13	691.448	899.033	881.023	881.527	880.519	G 17
G 14	719.959	860.522	852.513	853.017	852.009	G 16
V 15	769.493	832.011	824.002	824.506	823.498	V 15
L 16	826.035	782.477	774.468	774.972	773.964	L 14
T 17	874.561	725.935	717.926	718.430	717.422	T 13
N 18	931.583	677.409	669.399	669.903	668.895	N 12
I 19	988.125	626.887	618.878	619.382	618.374	I 11
Q 20	1052.154	563.845	555.836	556.340	555.332	Q 10
A 21	1087.673	499.816	491.807	492.310	491.302	A 9
V 22	1137.207	464.297	456.288	456.792	455.784	V 8
L 23	1193.749	414.763	406.754	407.258	406.250	L 7
L 24	1250.291	358.221	350.211	350.715	349.707	L 6
P 25	1298.817	301.679	293.670	294.174	293.166	P 5
K 26	1362.865	251.153	243.143	243.647	244.639	K 4
K 27	1426.912	189.105	181.096	181.600	180.592	K 3
T 28	1477.436	125.058	117.049	117.552	116.544	T 2
E 29	1541.959	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=102.49
- ▶ F113279.dat
- ▶ query=q41605.p1
- ▶ precursor=617.582000
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	44.377	1028.635	1023.206	0.672	1022.960	L29
N2	82.392	990.941	985.601	985.937	985.265	N28
K3	125.090	952.926	947.597	947.923	947.251	K27
L4	162.795	910.728	904.809	905.225	904.553	L26
L5	200.479	872.511	867.194	867.530	866.956	L25
G6	219.487	834.830	829.499	829.835	829.163	G24
K7	271.529	815.832	810.492	810.828	810.156	K23
V8	304.952	763.790	758.450	758.786	758.114	V22
T9	338.214	730.767	725.427	725.763	725.091	T21
I10	375.929	697.084	691.745	692.081	691.409	I20
A11	399.608	659.389	654.050	654.386	653.714	A19
Q12	442.294	630.710	630.371	630.707	630.035	Q18
G13	461.301	593.024	587.685	588.021	587.349	G17
G14	480.308	574.017	568.678	569.013	568.342	G16
V15	513.331	555.010	549.670	550.006	549.334	V15
L16	551.026	521.987	516.648	516.984	516.312	L14
P17	583.377	484.292	478.953	479.289	478.617	P13
N18	621.391	451.342	446.002	446.338	445.666	N12
I19	659.088	413.927	408.588	408.924	408.252	I11
Q20	701.772	376.231	370.893	371.229	370.557	Q10
A21	725.451	333.546	328.207	328.543	327.871	A9
V22	758.474	309.867	304.528	304.864	304.192	V8
L23	796.168	276.844	271.505	271.841	271.169	L7
L24	833.861	239.150	233.810	234.146	233.474	L6
P25	866.214	201.455	196.116	196.451	195.780	P9
K26	908.812	169.154	163.785	164.121	163.429	K4
K27	951.611	126.400	121.066	121.402	120.730	K3
T28	985.293	83.708	78.368	78.704	78.032	T2
E29	1028.397	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

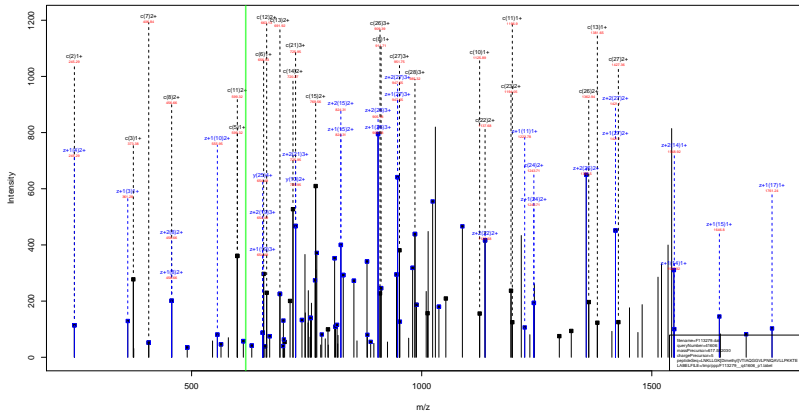
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=102.49
- ▶ F113279.dat
- ▶ query=q41605.p1
- ▶ precursor=617.582000
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
L	1	33.535	771.726	767.724	0.756	767.472	L
N	2	62.046	743.451	739.453	739.705	739.201	N
K	3	94.059	714.947	710.945	711.194	710.690	K
L	4	122.340	687.923	678.918	679.170	678.666	L
L	5	150.611	654.652	650.647	650.899	650.395	L
G	6	164.867	626.381	622.376	622.628	622.124	G
K	7	203.898	612.126	608.121	608.373	607.869	K
V	8	228.665	573.094	569.089	569.341	568.837	V
T	9	253.927	548.327	544.322	544.574	544.070	T
T	10	262.198	523.065	519.060	519.312	518.808	T
A	11	269.958	494.794	490.789	491.041	490.537	A
Q	12	331.972	477.035	473.030	473.282	472.778	Q
G	13	346.228	445.020	441.015	441.267	440.763	G
G	14	360.483	430.765	426.760	427.012	426.508	G
V	15	385.250	416.509	412.504	412.757	412.253	V
L	16	413.521	391.742	387.737	387.989	387.486	L
P	17	437.784	363.471	359.466	359.718	359.215	P
N	18	466.295	339.208	335.203	335.455	334.951	N
T	19	494.566	310.897	306.891	307.143	306.641	T
Q	20	526.381	282.426	278.422	278.673	278.170	Q
A	21	544.340	250.412	246.407	246.659	246.155	A
V	22	569.107	232.652	228.648	228.900	228.396	V
L	23	597.378	207.885	203.881	204.132	203.629	L
L	24	625.649	179.614	175.609	175.861	175.358	L
P	25	649.912	151.343	147.338	147.590	147.087	P
K	26	681.936	127.080	123.075	123.327	122.823	K
K	27	713.960	95.056	91.052	91.304	90.800	K
T	28	739.222	63.032	59.028	59.280	58.776	T
E	29	771.462	37.771	33.766	34.018	33.514	E

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=91.70
- ▶ F113279.dat
- ▶ query=q41606.p1
- ▶ precursor=617.582030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	245.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1012.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.093	1890.101	1888.085	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.026	1703.010	G[16]
V[15]	1537.879	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
F[17]	1748.116	1450.893	1434.864	1435.852	1433.836	F[13]
T[18]	1852.159	1383.810	1377.791	1378.799	1376.783	T[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	983.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.493	L[7]
L[24]	2499.576	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=91.70
- ▶ F113279.dat
- ▶ query=q41606.p1
- ▶ precursor=617.582030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1542.450	1536.440	0.504	1533.936	L[26]
N[2]	123.084	1485.908	1477.899	1478.402	1477.394	N[28]
K[3]	187.132	1436.886	1426.877	1421.381	1420.373	K[27]
L[4]	243.674	1364.839	1356.829	1357.333	1356.325	L[26]
L[5]	300.216	1308.297	1300.287	1300.791	1299.783	L[25]
G[6]	358.770	1251.755	1243.745	1244.249	1243.241	G[24]
K[7]	406.789	1223.244	1215.235	1215.738	1214.731	K[23]
V[8]	456.324	1145.181	1137.171	1137.675	1136.667	V[22]
T[9]	506.846	1095.646	1087.637	1088.141	1087.133	T[21]
I[10]	563.390	1045.123	1037.113	1037.617	1036.609	I[20]
A[11]	598.908	986.581	986.571	987.075	986.067	A[19]
Q[12]	662.937	933.058	945.053	945.557	944.549	Q[18]
G[13]	691.448	889.033	881.023	881.527	880.519	G[17]
G[14]	719.959	860.522	852.513	853.017	852.009	G[16]
V[15]	769.493	832.011	824.002	824.506	823.498	V[15]
L[16]	826.035	782.477	774.468	774.972	773.964	L[14]
F[17]	874.581	725.935	717.926	718.430	717.422	F[13]
N[18]	931.983	677.409	669.399	669.903	668.895	N[12]
I[19]	988.125	626.887	612.378	612.882	611.874	I[11]
Q[20]	1052.154	563.845	555.836	556.340	555.332	Q[10]
A[21]	1087.673	499.616	491.607	492.110	491.102	A[9]
V[22]	1137.207	464.297	456.288	456.792	455.784	V[9]
L[23]	1193.749	414.763	406.754	407.258	406.250	L[7]
L[24]	1260.293	358.221	350.211	350.715	349.707	L[6]
P[25]	1298.817	301.679	293.670	294.174	293.166	P[5]
K[26]	1362.865	253.153	245.143	245.647	244.639	K[4]
K[27]	1426.912	189.105	181.096	181.600	180.592	K[3]
T[28]	1477.436	125.058	117.049	117.552	116.544	T[2]
E[29]	1541.959	74.534	66.525	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=91.70
- ▶ F113279.dat
- ▶ query=q41606.p1
- ▶ precursor=617.582030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.960	L[29]
N[2]	82.392	990.943	985.601	985.937	985.265	N[28]
K[3]	125.090	952.926	947.587	947.923	947.251	K[27]
L[4]	162.795	939.229	904.889	905.225	904.953	L[26]
L[5]	200.479	872.533	867.194	867.530	866.958	L[25]
G[6]	219.487	834.839	829.499	829.835	829.163	G[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.952	763.790	758.450	758.786	758.114	V[22]
T[9]	338.234	730.767	725.427	725.763	725.091	T[21]
I[10]	375.929	667.084	691.745	692.081	691.409	I[20]
A[11]	399.608	659.389	654.050	654.386	653.714	A[19]
Q[12]	442.294	639.730	636.371	636.707	636.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.331	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
P[17]	583.377	484.292	478.953	479.289	478.617	P[13]
N[18]	651.391	451.942	446.602	446.938	446.266	N[12]
I[19]	659.606	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.548	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.168	276.844	271.505	271.841	271.169	L[7]
L[24]	833.663	239.150	233.810	234.146	233.474	L[6]
P[25]	866.234	201.455	196.116	196.451	195.780	P[5]
K[26]	908.912	169.104	163.765	164.101	163.429	K[4]
K[27]	951.611	126.406	121.066	121.402	120.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

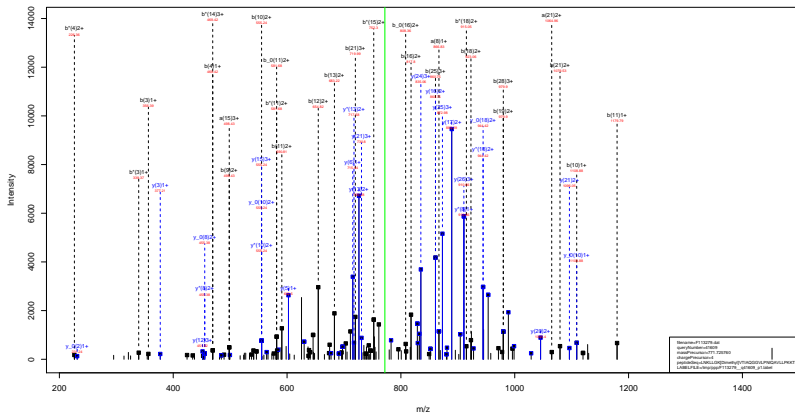
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=91.70
- ▶ F113279.dat
- ▶ query=q41606.p1
- ▶ precursor=617.582030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
L	1	33.535	771.728	767.724	0.756	707.472	L
N	2	62.046	743.451	739.453	739.705	730.201	N
K	3	94.059	714.947	710.947	711.194	710.690	K
L	4	122.340	682.923	678.918	679.170	678.666	L
L	5	150.611	654.652	650.647	650.899	650.395	L
G	6	164.867	626.381	622.376	622.628	622.124	G
K	7	203.898	612.126	608.121	608.373	607.869	K
V	8	228.665	573.094	569.089	569.341	568.837	V
T	9	253.927	548.327	544.322	544.574	544.070	T
T	10	262.198	523.065	519.060	519.312	518.808	T
A	11	269.958	494.794	490.789	491.041	490.537	A
Q	12	311.972	477.035	473.030	473.282	472.778	Q
G	13	346.228	445.020	441.015	441.267	440.763	G
G	14	360.483	430.765	426.760	427.012	426.508	G
V	15	385.250	416.509	412.505	412.757	412.253	V
L	16	413.521	391.742	387.737	387.989	387.486	L
P	17	437.784	363.471	359.466	359.718	359.215	P
N	18	466.295	339.208	335.203	335.455	334.951	N
T	19	494.566	310.897	306.891	307.143	306.641	T
Q	20	526.381	282.426	278.422	278.673	278.170	Q
A	21	544.340	250.412	246.407	246.659	246.155	A
V	22	569.107	232.652	228.646	228.898	228.396	V
L	23	597.378	207.885	203.881	204.132	203.629	L
L	24	625.649	179.614	175.609	175.861	175.358	L
P	25	649.912	151.343	147.338	147.590	147.087	P
K	26	681.936	127.080	123.075	123.327	122.823	K
K	27	713.960	95.056	91.052	91.304	90.800	K
T	28	739.222	63.032	59.028	59.280	58.776	T
E	29	771.462	37.771	33.766	34.018	33.514	E

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=54.77
- ▶ F113279.dat
- ▶ query=q41609.p1
- ▶ precursor=771.725760
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA	
L1	86.099	0.000	0.000	114.901	0.000	0.000	2603.903	2604.903	2604.903	L106	
R12	100.139	181.111	0.000	129.144	211.108	0.000	2670.003	2523.181	2523.181	R120	
R13	138.434	181.000	0.000	156.279	319.203	0.000	2696.763	2639.738	2639.738	R127	
L14	841.518	424.282	0.000	469.313	452.287	0.000	2720.670	2711.643	2710.616	L106	
L15	154.402	337.376	0.000	362.307	0.000	0.000	2619.000	2608.000	2607.000	L106	
G16	111.424	0.000	0.000	169.411	202.000	0.000	2622.003	2683.475	2684.476	G124	
R17	112.424	203.239	0.000	785.545	778.319	0.000	2440.480	2418.454	2417.410	R125	
V18	864.619	648.582	0.000	100.411	167.000	0.000	2590.200	2572.120	2571.140	V102	
L19	100.100	905.602	989.050	905.661	1019.020	877.851	2190.200	2117.200	2112.270	L101	
H10	100.100	1061.700	1060.740	1108.745	1081.710	1060	2080.234	2072.111	2071.220	H10	
A111	1151.107	1124.703	1114.777	1179.782	1162.790	1161.772	2470.154	2499.127	2498.143	A119	
Q123	1279.200	1292.410	1290.820	1314.844	1306.814	1305.810	1659.111	1668.066	1667.106	Q118	
G111	1319.200	1319.810	1319.810	1317.810	1317.810	1316.810	1779.111	1780.066	1779.066	G117	
G114	1319.200	1319.802	1319.878	1421.804	1404.807	1403.807	1720.037	1703.010	1702.026	G114	
L121	1403.107	1403.107	1414.941	1404.941	1403.936	1402.941	1661.011	1644.989	1643.970	L121	
L106	1506.944	1506.913	1506.913	1514.913	1514.913	1513.913	1583.940	1548.920	1547.916	L104	
P117	1613.014	1608.000	1608.000	1713.000	1714.000	1713.000	1450.000	1411.018	1412.012	P113	
R108	1617.107	1603.111	1619.122	1604.112	1608.100	1627.112	1553.010	1530.703	1530.700	R114	
L106	1719.211	1713.171	1714.211	1709.211	1704.190	1704.211	1676.211	1622.741	1621.717	L101	
Q101	1818.200	1811.211	1810.200	1808.211	1805.200	1804.211	1138.001	1109.000	1108.672	Q110	
A121	1819.117	1812.200	1811.300	1817.112	1816.000	1816.101	1818.101	198.624	197.000	196.614	A101
V125	1918.100	1911.900	1910.100	1909.100	1909.100	1908.100	1628.111	827.587	816.561	806.919	V101
L126	2014.000	2014.410	2013.410	2009.404	2012.430	2011.410	828.519	101.192	101.000	L107	
L124	2014.013	2017.010	2016.541	2012.540	2013.522	2014.511	715.435	100.410	697.424	L101	
P121	2111.000	2114.010	2113.000	2107.001	2102.076	2101.701	662.311	100.124	104.540	P101	
R120	2219.102	2205.075	2205.075	2207.075	2200.070	2200.070	1000.000	900.200	488.221	R104	
R127	2307.100	2300.110	2300.110	2301.110	2301.104	2301.111	377.203	100.177	100.110	R103	
L106	2408.044	2401.011	2400.010	2398.010	2399.012	2400.010	240.100	0.000	231.098	L102	
L124	2517.010	2501.000	2501.010	2501.010	2504.000	2501.010	140.100	0.000	140.000	L101	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=54.77
- ▶ F113279.dat
- ▶ query=q141609_p1
- ▶ precursor=771.725760
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a:0	b	b ⁺	b:0	y	y ⁺	y:0	AA	
L1	43.932	0.504	0.504	57.549	0.504	0.504	15.42	45.0	15.13	44.4	L126
K1	100.919	0.504	0.504	114.591	0.504	0.504	14.90	50.0	14.90	49.5	K20
K1	104.921	0.504	0.504	118.611	0.504	0.504	14.38	50.0	14.38	49.0	K22
L1	121.183	0.504	0.504	135.161	0.504	0.504	13.84	50.0	13.84	48.5	L126
L1	127.185	0.504	0.504	141.163	0.504	0.504	13.32	50.0	13.32	48.0	L126
Q1	160.210	0.504	0.504	173.213	0.504	0.504	12.71	50.0	12.71	47.5	Q24
K1	164.209	0.504	0.504	177.212	0.504	0.504	12.19	50.0	12.19	47.0	K23
V1	183.813	0.504	0.504	197.816	0.504	0.504	11.67	50.0	11.67	46.5	V22
L1	194.337	0.504	0.504	208.340	0.504	0.504	11.15	50.0	11.15	46.0	L121
L10	140.878	0.504	0.504	154.876	0.504	0.504	10.63	50.0	10.63	45.5	L10
A11	176.397	0.504	0.504	190.395	0.504	0.504	10.11	50.0	10.11	45.0	A116
Q12	160.427	0.504	0.504	174.424	0.504	0.504	9.59	50.0	9.59	44.5	Q12
Q13	166.937	0.504	0.504	180.935	0.504	0.504	9.07	50.0	9.07	44.0	Q13
Q14	167.448	0.504	0.504	181.446	0.504	0.504	8.55	50.0	8.55	43.5	Q14
V15	140.967	0.504	0.504	144.965	0.504	0.504	8.03	50.0	8.03	43.0	V15
L16	161.524	0.504	0.504	165.522	0.504	0.504	7.51	50.0	7.51	42.5	L16
L17	162.051	0.504	0.504	166.049	0.504	0.504	6.99	50.0	6.99	42.0	L17
L18	162.578	0.504	0.504	166.576	0.504	0.504	6.47	50.0	6.47	41.5	L18
L19	163.104	0.504	0.504	167.102	0.504	0.504	5.95	50.0	5.95	41.0	L19
Q20	163.644	0.504	0.504	167.642	0.504	0.504	5.43	50.0	5.43	40.5	Q20
A12	165.162	0.504	0.504	169.160	0.504	0.504	4.91	50.0	4.91	40.0	A12
V22	1114.506	1.008	1.008	1119.504	1.008	1.008	11.10	100.0	11.10	99.0	V22
L23	1171.708	1.008	1.008	1176.706	1.008	1.008	10.58	100.0	10.58	98.5	L23
L24	1227.700	1.008	1.008	1232.698	1.008	1.008	10.06	100.0	10.06	98.0	L24
K25	1276.902	1.008	1.008	1281.900	1.008	1.008	9.54	100.0	9.54	97.5	K25
K26	1340.104	1.008	1.008	1345.102	1.008	1.008	9.02	100.0	9.02	97.0	K26
K27	1404.402	1.008	1.008	1409.400	1.008	1.008	8.50	100.0	8.50	96.5	K27
L26	1468.606	1.008	1.008	1473.604	1.008	1.008	7.98	100.0	7.98	96.0	L26
E26	1519.447	1.008	1.008	1524.445	1.008	1.008	7.46	100.0	7.46	95.5	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=54.77
- ▶ F113279.dat
- ▶ query=q41609_p1
- ▶ precursor=771.725760
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ^b	aΔ ^b	b	b ^a	bΔ ^a	y	y ^a	yΔ ^a	AA
T1	26	676	0.676	36	1296	0.324	1028.635	1022.466	1022.466	L69
R2	67	399	0.399	67	4489	0.021	995.511	985.295	984.919	N20
K3	110	121	0.121	110	1210	0.009	952.926	949.293	948.921	K27
L4	147	71	0.071	147	2169	0.005	910.228	904.553	904.295	L26
L5	189	47	0.047	189	3582	0.003	872.533	866.858	866.530	L25
G6	204	47	0.047	204	4181	0.002	854.810	829.163	828.835	G24
K7	216	52	0.052	216	4752	0.002	813.852	810.159	809.828	K25
V8	228	54	0.054	228	5292	0.002	783.789	780.144	779.788	V22
V9	223	53	0.053	223	5019	0.002	730.747	725.095	724.743	V21
I10	260	62	0.062	260	6760	0.001	697.064	691.408	691.061	I20
A11	284	61	0.061	284	8016	0.001	650.383	653.714	653.385	A19
Q12	277	61	0.061	277	7589	0.001	630.815	629.707	629.707	Q18
G13	316	58	0.058	316	6398	0.001	615.426	614.318	614.318	G17
G14	308	58	0.058	308	6184	0.001	608.957	608.820	608.820	G16
V15	302	61	0.061	302	9066	0.001	583.011	583.011	583.011	V15
L16	336	51	0.051	336	5776	0.001	535.191	535.191	535.084	L14
P17	308	51	0.051	308	5776	0.001	494.292	494.813	494.292	P13
N18	308	54	0.054	308	5514	0.001	451.942	448.268	448.268	N12
I19	344	51	0.051	344	6356	0.001	413.989	409.292	409.292	I11
Q20	386	50	0.050	386	6306	0.001	376.231	376.231	376.231	Q19
A21	448	48	0.048	448	7184	0.001	333.540	327.871	327.843	A10
V22	417	48	0.048	417	7524	0.001	300.891	294.191	293.894	V10
L23	453	45	0.045	453	8313	0.001	276.824	273.195	273.043	L19
L24	413	45	0.045	413	8019	0.001	239.130	233.414	233.146	L16
P25	451	45	0.045	451	8313	0.001	243.455	238.790	238.452	P15
K26	418	45	0.045	418	7911	0.001	199.819	193.474	193.116	K14
K27	430	45	0.045	430	8313	0.001	178.468	170.730	170.462	K10
T28	492	45	0.045	492	9774	0.001	153.783	147.071	146.714	T12
E29	513	42	0.042	513	10596	0.001	103.628	97.812	97.412	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=96.01
- ▶ F113279.dat
- ▶ query=q41610.p1
- ▶ precursor=771.725760
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	131.118	3081.892	3067.873	0.000	3066.895	L29
N2	345.161	2970.808	2954.789	2955.797	2951.781	N38
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.585	2599.567	2600.575	2598.560	L25
Q6	656.445	2502.502	2486.483	2487.491	2485.475	Q24
K7	812.572	2345.480	2429.462	2430.469	2428.454	K23
V8	911.640	2248.394	2233.335	2274.343	2272.327	V22
T9	1017.688	2100.288	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.238	2073.219	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1244.867	1905.111	1889.093	1890.108	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V15	1537.979	1663.015	1646.997	1646.004	1645.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
P17	1748.116	1450.893	1434.864	1435.852	1433.836	P13
T18	1867.159	1383.810	1337.791	1338.799	1336.783	T12
I19	1975.243	1236.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.336	998.624	982.606	981.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2386.491	828.519	812.500	813.508	811.493	L7
L24	2499.575	715.435	699.415	700.424	698.408	L6
P25	2596.626	602.351	586.332	587.340	585.325	P5
K26	2724.723	505.298	489.279	490.287	488.271	K4
K27	2852.816	377.203	361.184	362.192	360.177	K3
T28	2951.895	249.108	233.089	234.097	232.082	T2
E29	3087.908	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=96.01
- ▶ F113279.dat
- ▶ query=q41610.p1
- ▶ precursor=771.725760
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1542.450	1538.440	0.504	1533.930	L[26]
N[2]	123.084	1485.908	1477.890	1478.402	1477.394	N[28]
K[3]	187.132	1436.886	1420.877	1421.381	1420.373	K[27]
L[4]	243.674	1384.839	1356.820	1357.333	1356.325	L[26]
L[5]	300.216	1338.297	1309.287	1300.791	1299.783	L[25]
G[6]	358.726	1291.755	1243.745	1244.249	1243.241	G[24]
K[7]	406.789	1223.244	1215.234	1215.738	1214.731	K[23]
V[8]	456.324	1145.181	1137.171	1137.675	1136.667	V[22]
T[9]	506.846	1095.646	1087.637	1088.141	1087.133	T[21]
T[10]	563.390	1045.123	1037.113	1037.617	1036.609	T[20]
A[11]	608.608	988.581	980.571	981.075	980.067	A[19]
Q[12]	662.937	933.062	943.053	945.557	944.549	Q[18]
G[13]	691.448	889.033	881.023	881.527	880.519	G[17]
G[14]	719.959	860.522	852.513	853.017	852.009	G[16]
V[15]	769.493	832.011	824.002	824.506	823.498	V[15]
L[16]	826.035	782.477	774.468	774.972	773.964	L[14]
T[17]	874.561	725.935	717.926	718.430	717.422	T[13]
N[18]	913.583	677.409	599.399	609.393	598.385	N[12]
I[19]	968.125	626.387	612.378	612.882	611.874	I[11]
Q[20]	1052.154	563.945	555.836	556.340	555.332	Q[10]
A[21]	1087.673	499.616	491.607	492.110	491.103	A[9]
V[22]	1137.207	464.297	456.288	456.792	455.784	V[8]
L[23]	1193.749	414.763	406.754	407.258	406.251	L[7]
L[24]	1250.291	358.221	350.211	350.716	349.709	L[6]
P[25]	1298.817	301.679	293.670	294.174	293.166	P[5]
K[26]	1362.865	253.153	245.143	245.647	244.639	K[4]
K[27]	1426.912	189.105	181.096	181.600	180.592	K[3]
T[28]	1477.436	125.058	117.048	117.552	116.544	T[2]
E[29]	1541.959	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

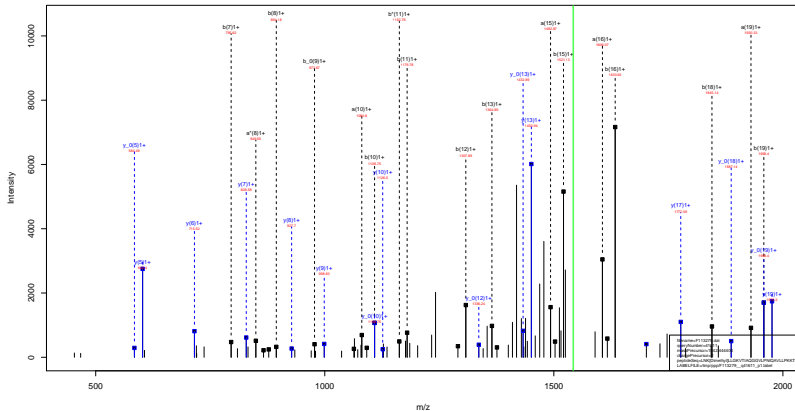
LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=96.01
- ▶ F113279.dat
- ▶ query=q41610.p1
- ▶ precursor=771.725760
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1028.635	1023.296	0.672	1022.660	L[29]
N[2]	62.302	990.941	985.601	985.937	985.265	N[28]
K[3]	125.090	952.326	947.587	947.923	947.251	K[27]
L[4]	162.785	910.228	904.889	905.225	904.551	L[26]
L[5]	200.479	872.531	867.194	867.530	866.858	L[25]
G[6]	239.487	834.835	829.499	829.835	829.163	G[24]
K[7]	271.529	815.832	810.492	810.828	810.156	K[23]
V[8]	304.552	793.790	788.450	788.786	788.114	V[22]
T[9]	338.234	780.767	775.427	775.763	775.091	T[21]
I[10]	375.929	697.084	691.745	692.081	691.409	I[20]
A[11]	389.608	699.388	654.050	654.386	653.714	A[19]
Q[12]	442.294	636.710	630.371	630.707	630.035	Q[18]
G[13]	461.301	593.024	587.685	588.021	587.349	G[17]
G[14]	480.308	574.017	568.678	569.013	568.342	G[16]
V[15]	513.131	555.010	549.670	550.006	549.334	V[15]
L[16]	551.026	521.987	516.648	516.984	516.312	L[14]
P[17]	583.377	484.202	478.863	479.209	478.617	P[13]
N[18]	621.391	451.942	446.602	446.938	446.266	N[12]
I[19]	659.086	413.927	408.588	408.924	408.252	I[11]
Q[20]	701.772	376.233	370.893	371.229	370.557	Q[10]
A[21]	725.451	333.546	328.207	328.543	327.871	A[9]
V[22]	758.474	309.867	304.528	304.864	304.192	V[8]
L[23]	796.188	276.844	271.505	271.841	271.169	L[7]
L[24]	833.863	239.150	233.810	234.146	233.474	L[6]
T[25]	869.214	201.455	196.116	196.452	195.780	T[5]
K[26]	908.912	169.100	163.760	164.101	163.429	K[4]
K[27]	951.611	138.406	133.066	133.402	132.730	K[3]
T[28]	985.293	83.708	78.368	78.704	78.032	T[2]
E[29]	1028.307	50.025	44.685	45.021	44.349	E[1]

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LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

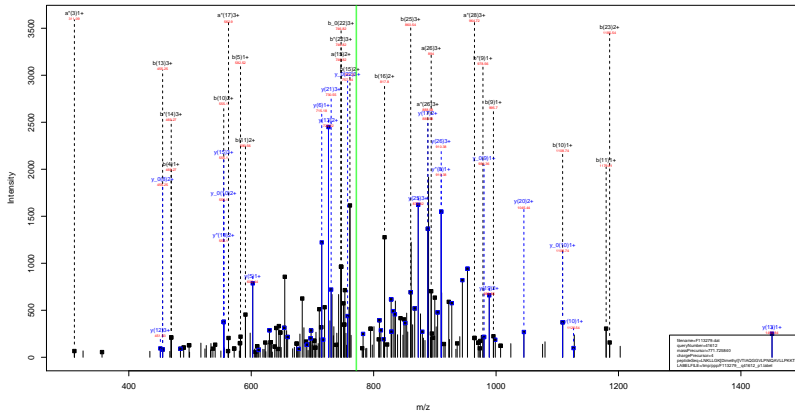
LNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=71.42
- ▶ F113279.dat
- ▶ query=q41611.p1
- ▶ precursor=1542.444400
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
L1	86302	8391	0.000	119.091	0.000	0.000	3681.091	3689.091	3693.091	L129
N1	200.130	181.111	0.000	226.134	211.108	0.000	2471.108	2481.101	2592.104	N20
K1	709.208	739.219	0.000	399.201	397.234	0.000	2599.234	2679.230	3129.234	K177
L14	499.300	497.191	0.000	497.191	493.118	0.000	2199.118	2498.114	2893.109	L134
L15	1002.414	1000.400	0.000	1000.400	1002.402	0.000	2492.402	2512.408	3099.404	L124
G16	919.510	914.412	0.000	997.450	992.643	0.000	2514.643	2671.444	3249.600	G140
K17	1077.600	1081.504	0.000	705.540	709.019	0.000	2417.019	2408.424	3399.438	K123
V18	866.619	849.592	0.000	894.613	877.587	0.000	2398.584	2112.117	3211.541	V122
T19	700.600	700.600	0.000	890.600	890.600	0.000	3171.600	3171.600	3171.600	T121
E19	1088.758	1083.724	0.000	1082.749	1108.748	1091.719	1090.718	2089.208	3097.211	E020
A111	1151.787	1154.781	1143.771	1178.782	1162.756	1143.772	1876.154	1990.171	1958.143	A109
G123	1179.808	1182.803	1181.814	1301.841	1350.814	1289.819	1309.811	1899.808	1887.108	G120
G15	1130.889	1133.884	1138.888	1364.862	1371.854	1346.862	1777.858	1992.814	2102.814	G127
G14	1107.897	1109.892	1115.896	1424.892	1434.887	1409.891	1729.891	1982.892	1762.826	G146
V125	1482.937	1479.948	1474.948	1530.952	1534.950	1519.952	1982.942	1981.942	1984.940	V100
L168	1008.944	1009.939	1008.934	1634.936	1617.910	1614.908	1614.908	1648.926	1648.926	L114
P117	1110.994	1109.989	1105.984	1681.984	1714.981	1711.974	1458.963	1443.939	1432.892	P115
N168	1611.119	1609.114	1609.114	1845.112	1838.106	1837.111	1837.106	1838.106	1835.796	N121
E19	1938.221	1933.209	1932.211	1958.218	1944.190	1940.206	1939.211	2222.241	2222.241	E121
G120	1098.989	1094.201	1092.200	2098.200	2099.200	2098.204	1136.881	1140.890	1108.872	G118
A121	1028.989	1024.201	1022.200	2148.200	2149.200	2148.204	1136.881	1140.890	1140.890	A119
V122	1028.989	1023.201	1022.200	2208.200	2209.204	2208.204	1136.881	1140.890	1140.890	V120
L123	1034.989	1034.413	1031.409	2258.404	2259.408	2258.414	858.518	841.499	810.500	L121
L124	1044.913	1041.901	1041.901	2401.901	2401.901	2401.901	1136.881	1140.890	1140.890	L121
P126	2051.006	2048.504	2043.000	2678.000	2683.000	2681.500	882.381	883.274	884.340	P124
K126	2051.006	2047.000	2041.000	2707.000	2707.000	2707.000	882.381	883.274	883.274	K124
L127	2051.006	2047.000	2041.000	2707.000	2707.000	2707.000	882.381	883.274	883.274	L124
L128	2058.044	2053.031	2050.013	2918.013	2918.013	2918.013	249.100	249.100	231.000	L124
E129	1017.000	1016.000	1016.000	3009.000	3009.000	3009.011	249.100	249.100	130.000	E111

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



MassBank:FT12076.DSP
Scan: (Yield=12182)
MS:MS1:Scan:FT12076.DSP
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MS1:MS1:Scan:FT12076.DSP
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sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.78
- ▶ F113279.dat
- ▶ query=q41612.p1
- ▶ precursor=771.725840
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA	
L1	380.080	380.080	0.000	114.081	0.000	0.000	3682.882	3682.882	3682.881	L209	
R1	392.139	392.139	0.000	126.140	0.000	0.000	3803.941	3803.941	3803.940	R200	
R2	404.198	311.208	0.000	138.199	0.000	0.000	3925.000	3925.000	3925.000	R201	
L4	441.138	441.138	0.000	469.133	469.133	0.000	2726.870	2711.643	3710.000	L206	
L15	454.404	537.374	0.000	162.369	0.000	0.000	3253.500	3253.500	3253.500	L205	
Q1	411.424	411.424	0.000	139.425	0.000	0.000	3262.520	3262.520	3262.519	Q204	
R7	472.462	750.524	0.000	186.465	0.000	0.000	3448.480	3428.484	3427.470	R223	
V1	482.482	849.592	0.000	194.613	0.000	0.000	3520.280	3527.281	3511.000	V202	
L19	498.508	498.508	0.000	905.611	978.615	978.615	377.200	2130.200	2137.200	L202	
I10	488.588	488.588	0.000	1108.745	1108.745	0.000	3888.240	3874.241	3871.000	I201	
A11	1151.109	1151.109	0.000	1118.777	1178.782	1178.782	3186.154	3199.157	3198.143	A116	
Q12	1179.486	1179.486	0.000	1184.484	1184.484	0.000	3369.144	3368.000	3368.000	Q108	
Q13	1139.466	1139.466	0.000	1144.464	1144.464	0.000	3377.000	3376.000	3376.000	Q117	
Q14	1193.486	1193.486	0.000	1204.484	1204.484	0.000	3463.000	3453.000	3453.000	Q116	
L11	1483.107	1483.107	0.000	1494.104	1494.104	0.000	3601.000	3591.000	3591.000	L115	
L106	1306.041	1306.041	0.000	1316.038	1316.038	0.000	3583.000	3583.000	3583.000	L104	
P17	1613.024	1613.024	0.000	1623.021	1623.021	0.000	3743.000	1450.863	3433.000	3432.000	P113
R16	1317.137	1317.137	0.000	1327.134	1327.134	0.000	3587.124	3583.824	3583.760	R112	
L101	1170.412	1170.412	0.000	1180.409	1180.409	0.000	3509.200	3499.200	3499.200	L100	
Q20	1058.480	1058.480	0.000	1068.477	1068.477	0.000	3388.200	1126.683	1109.000	1108.672	Q100
A21	1139.117	1139.117	0.000	1149.114	1149.114	0.000	3130.000	998.624	981.000	998.614	A100
V12	1238.400	1238.400	0.000	1248.397	1248.397	0.000	3238.000	927.581	910.561	903.000	V100
L24	1411.409	1411.409	0.000	1421.406	1421.406	0.000	3381.000	878.519	861.492	854.000	L111
L24	1354.403	1354.403	0.000	1364.400	1364.400	0.000	3284.000	715.435	708.000	697.424	L101
P15	1313.100	1313.100	0.000	1323.097	1323.097	0.000	3288.000	662.351	655.000	648.000	P101
R16	1216.101	1216.101	0.000	1226.098	1226.098	0.000	3189.000	688.211	681.000	674.000	R101
R27	1017.100	1017.100	0.000	1027.097	1027.097	0.000	307.000	300.177	300.183	R101	
L20	1017.100	1017.100	0.000	1027.097	1027.097	0.000	307.000	300.177	300.183	L101	
L20	1017.100	1017.100	0.000	1027.097	1027.097	0.000	307.000	300.177	300.183	L101	

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=44.78
- ▶ F113279.dat
- ▶ query=q41612.p1
- ▶ precursor=771.725840
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a±0	b	b*	b±0	y	y*	y±0	AA
L1	41.552	8.524	8.524	19.543	0.524	0.524	1642.420	1233.036	1331.444	L156
R2	100.913	12.020	8.524	124.974	1.020	0.524	1493.961	1471.956	1416.061	R220
R3	164.632	136.110	8.524	178.618	110.106	0.524	1438.889	1426.371	1416.061	R222
L4	221.561	212.650	8.524	238.160	226.647	0.524	1364.830	1356.325	1356.325	L126
L5	277.500	269.970	8.524	290.700	282.180	0.524	1308.397	1299.760	1299.760	L128
Q6	336.438	297.710	8.524	339.213	311.190	0.524	1261.750	1243.241	1242.740	Q24
R7	384.270	351.700	8.524	389.270	368.763	0.524	1221.244	1214.731	1214.731	R225
V8	434.111	425.360	8.524	444.611	436.847	0.524	1185.187	1178.669	1178.669	V222
V9	484.337	475.623	475.371	488.334	489.821	489.329	1095.949	1087.133	1100.943	V221
I10	540.878	532.088	531.874	554.876	556.363	555.871	1045.123	1036.569	1036.111	I221
A11	596.587	587.796	587.582	599.395	591.882	591.390	988.581	980.967	979.216	A119
Q12	648.427	631.933	631.423	654.424	656.911	656.419	953.862	944.549	944.549	Q119
Q13	699.267	690.476	659.932	682.935	674.432	673.939	889.833	880.515	880.027	Q117
Q14	697.448	688.657	688.443	711.444	702.932	702.440	860.522	852.020	851.517	Q116
V15	746.963	738.469	738.255	760.960	752.467	751.974	832.981	824.479	824.479	V119
L16	800.269	795.011	794.518	817.523	809.000	808.517	782.477	773.964	773.472	L124
F17	852.011	843.537	843.282	866.044	857.532	857.040	725.935	717.422	716.930	F113
R18	900.212	891.520	900.067	923.070	914.556	914.064	677.409	668.896	668.404	R123
L19	950.014	941.422	941.208	971.098	962.586	962.094	611.874	603.361	602.869	L111
Q20	1000.844	991.251	991.036	1014.841	1006.328	1005.836	565.312	556.800	556.308	Q110
A21	1050.582	1040.640	1040.425	1070.169	1060.646	1060.154	489.813	481.301	480.811	A20
V22	1114.408	1103.983	1103.960	1133.980	1124.930	1124.907	404.297	400.760	405.922	V20
L23	1171.238	1160.720	1160.711	1185.236	1176.722	1176.710	354.792	350.260	350.730	L12
L24	1227.068	1216.260	1216.270	1241.770	1233.260	1233.270	304.291	300.760	300.730	L10
F25	1276.307	1267.780	1267.481	1296.340	1287.910	1287.790	254.811	250.760	250.730	F11
R26	1340.034	1331.931	1331.949	1354.962	1346.930	1346.930	205.533	204.620	204.710	R24
R27	1404.402	1396.880	1396.960	1418.360	1410.880	1410.880	148.100	148.700	148.100	R23
L28	1454.036	1446.412	1446.500	1468.922	1460.410	1460.918	125.000	125.500	125.000	L12
L29	1518.497	1510.920	1510.494	1533.484	1524.910	1524.418	74.910	84.920	85.200	L11

sp | Q6GSS7 | H2A2A_MOUSE

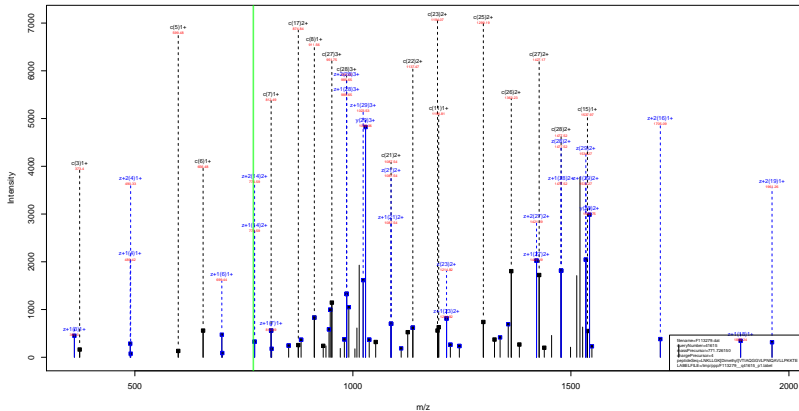
LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=44.78
- ▶ F113279.dat
- ▶ query=q41612.p1
- ▶ precursor=771.725840
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA	
L1	26	209	0.672	0.672	38	392	0.672	302	823	1122	52
R2	19	200	0.708	0.672	35	371	0.672	300	811	1093	36
R3	152	683	0.64	0.672	118	415	1.13	739	872	952	926
L4	147	778	1.62	1.02	137	100	1.51	434	0.672	910	328
L5	135	872	1.78	1.00	0.672	168	369	1.38	0.672	872	533
Q6	204	476	1.08	1.00	0.672	213	811	2.08	1.00	834	839
R7	276	522	2.02	1.00	0.672	288	881	2.02	1.00	815	832
V8	338	644	2.01	1.00	0.672	368	911	2.01	1.00	788	614
L9	323	227	2.17	1.512	3.12	223	332	5.03	1.00	730	747
I10	380	622	2.05	1.00	0.672	384	578	2.05	1.00	697	684
A11	384	601	2.08	1.025	2.08	502	388	2.07	1.025	659	388
Q12	477	209	2.01	1.012	2.01	438	811	2.01	1.012	630	635
Q13	476	208	2.00	1.012	2.00	435	808	2.00	1.012	628	632
Q14	488	214	2.09	1.030	2.09	474	833	2.09	1.030	618	617
L15	536	708	2.02	1.00	0.672	545	525	2.02	1.00	585	618
L16	536	708	2.02	1.00	0.672	545	525	2.02	1.00	578	618
P17	602	577	3.62	4.094	3.62	366	137	1.00	377	626	
T18	686	384	0.672	0.672	0.672	618	540	0.672	0.672	451	642
I19	644	279	0.18	4.03	0.18	375	413	0.175	647	735	
Q20	688	492	0.672	0.672	0.672	688	421	0.672	0.672	690	685
A21	710	444	7.64	7.68	7.64	718	775	714	1100	713	772
V22	718	600	1.00	1.00	1.00	723	790	747	1233	748	730
L23	781	161	1.75	1.00	1.75	138	180	1.88	1.00	278	284
L24	811	130	1.13	1.00	1.13	828	182	1.13	1.00	822	184
P25	851	207	2.07	1.00	2.07	860	539	2.07	1.00	851	207
R26	893	505	8.88	2.30	0.672	903	519	0.672	0.672	897	505
R27	938	404	0.672	0.672	0.672	948	269	0.672	0.672	938	404
L28	970	288	9.64	2.63	0.672	979	611	0.672	0.672	973	614
L29	1013	209	1.007	4.25	1.007	1023	209	1.007	4.25	1013	209

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=96.64
- ▶ F113279.dat
- ▶ query=q41615.p1
- ▶ precursor=771.726150
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3081.892	3067.873	0.000	3066.895	L[29]
N[2]	345.161	2970.808	2954.789	2955.797	2951.781	N[28]
K[3]	373.256	2856.765	2840.746	2841.754	2839.738	K[27]
L[4]	486.340	2728.670	2712.651	2713.659	2711.643	L[26]
L[5]	599.424	2615.585	2599.567	2600.575	2598.560	L[25]
Q[6]	656.445	2502.502	2486.483	2487.491	2485.475	Q[24]
K[7]	812.572	2345.480	2429.462	2430.469	2428.454	K[23]
V[8]	911.640	2288.354	2273.335	2274.343	2272.327	V[22]
T[9]	1017.688	2190.286	2174.267	2175.275	2173.259	T[21]
I[10]	1125.772	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1196.809	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1324.867	1895.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1381.889	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1438.910	1720.937	1704.918	1705.926	1703.910	G[16]
V[15]	1537.979	1663.015	1646.997	1646.004	1645.989	V[15]
L[16]	1651.063	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1748.116	1450.893	1434.874	1435.882	1433.866	P[13]
TW[18]	1852.159	1383.810	1337.791	1338.799	1336.783	TW[12]
I[19]	1975.243	1236.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2103.301	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2174.336	998.624	982.606	981.614	981.598	A[9]
V[22]	2273.407	927.587	911.569	912.576	910.561	V[8]
L[23]	2386.491	828.519	812.500	813.508	811.492	L[7]
L[24]	2499.576	715.435	699.415	700.424	698.408	L[6]
P[25]	2596.626	602.351	586.332	587.340	585.324	P[5]
K[26]	2724.723	505.298	489.279	490.287	488.271	K[4]
K[27]	2852.816	377.203	361.184	362.192	360.177	K[3]
T[28]	2953.895	249.108	233.089	234.097	232.082	T[2]
E[29]	3082.938	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=96.64
- ▶ F113279.dat
- ▶ query=q41615.p1
- ▶ precursor=771.726150
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1534.440	9.504	1533.936	L126
N1	123.054	1485.905	1477.898	1478.402	1477.394	N128
K1	187.132	1428.889	1420.877	1421.381	1420.373	K127
L1	243.674	1364.839	1366.620	1357.333	1356.325	L126
L1	300.216	1308.297	1300.287	1290.791	1299.783	L125
G1	358.758	1251.755	1243.745	1244.249	1243.241	G124
K1	406.799	1223.244	1215.234	1215.738	1214.731	K123
V1	456.324	1145.181	1137.171	1137.675	1136.667	V122
T1	506.840	1095.646	1087.637	1088.141	1087.133	T121
T1	563.380	1045.123	1037.113	1037.617	1036.609	T20
A1	608.909	988.581	980.571	981.075	980.067	A119
G1	662.937	933.060	945.053	945.557	944.549	G118
G1	691.448	889.033	881.023	881.527	880.519	G117
G1	719.959	860.522	852.513	853.017	852.009	G116
V1	769.493	832.011	824.002	824.506	823.498	V115
L1	820.035	782.477	774.468	774.972	773.964	L114
T1	874.561	728.935	721.925	718.916	717.421	T113
N1	931.583	677.400	669.390	669.903	668.905	N112
I1	988.125	620.867	612.858	612.862	611.874	I111
Q1	1052.154	563.845	555.836	556.340	555.332	Q110
A2	1087.673	499.816	491.807	492.310	491.303	A10
V2	1137.207	494.297	486.288	486.792	485.784	V9
L2	1193.749	434.763	426.754	427.258	426.251	L11
L2	1250.291	358.221	350.212	350.716	349.708	L10
P2	1298.817	301.679	293.670	294.174	293.166	P9
K2	1362.865	253.153	245.143	245.647	244.639	K4
K2	1426.912	189.105	181.096	181.600	180.592	K3
T2	1477.436	125.058	117.048	117.552	116.544	T1
E2	1541.958	74.534	66.524	67.028	66.021	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=96.64
- ▶ F113279.dat
- ▶ query=q41615.p1
- ▶ precursor=771.726150
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1028.635	1023.296	0.672	1022.960	L 29
N 2	62.302	990.941	985.601	985.937	985.265	N 28
K 3	125.090	952.326	947.587	947.923	947.251	K 27
L 4	162.785	910.228	904.889	905.225	904.551	L 26
L 5	200.479	872.531	867.194	867.530	866.858	L 25
G 6	239.487	834.839	829.499	829.835	829.163	G 24
K 7	271.529	815.832	810.492	810.828	810.156	K 23
V 8	304.552	783.790	778.450	778.786	778.114	V 22
T 9	338.234	730.767	725.427	725.763	725.091	T 21
I 10	375.929	697.084	691.745	692.081	691.409	I 20
A 11	399.608	659.388	654.050	654.386	653.714	A 19
Q 12	442.294	626.710	621.371	621.707	621.035	Q 18
G 13	461.301	593.024	587.685	588.021	587.349	G 17
G 14	480.308	574.017	568.678	569.013	568.342	G 16
V 15	513.131	555.010	549.670	550.006	549.334	V 15
L 16	551.026	521.987	516.648	516.984	516.312	L 14
P 17	583.377	484.202	478.863	479.200	478.517	P 13
N 18	621.391	451.942	446.602	446.938	446.266	N 12
I 19	659.086	413.927	408.588	408.924	408.252	I 11
Q 20	701.772	376.233	370.893	371.229	370.557	Q 10
A 21	725.451	333.546	328.207	328.543	327.871	A 9
V 22	758.474	309.867	304.528	304.864	304.192	V 8
L 23	796.188	276.844	271.505	271.841	271.169	L 7
L 24	833.863	239.150	233.810	234.146	233.474	L 6
T 25	869.214	201.455	196.116	196.452	195.780	T 5
K 26	908.912	169.100	163.760	164.101	163.429	K 4
K 27	951.611	138.406	133.066	133.402	132.730	K 3
T 28	985.293	83.708	78.368	78.704	78.032	T 2
E 29	1028.307	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.34
- ▶ F113279.dat
- ▶ query=q41616_p1
- ▶ precursor=771.726190
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a/b	b	b*	b/a	y	y*	y/a	AA
L1	80.000	0.000	0.000	114.000	0.000	0.000	300.000	0.000	0.000	L129
K1	300.000	0.000	0.000	240.000	0.000	0.000	300.000	0.000	0.000	K30
R1	300.234	0.111	0.000	355.279	0.000	0.000	300.000	0.000	0.000	K227
L4	441.318	0.244	0.000	469.313	0.000	0.000	272.000	0.000	0.000	L326
L5	244.000	0.111	0.000	582.387	0.000	0.000	300.000	0.000	0.000	L325
G6	011.424	0.044	0.000	632.392	0.000	0.000	250.000	0.000	0.000	G24
K7	771.726	0.772	0.000	795.545	0.000	0.000	340.000	0.000	0.000	K23
V8	856.619	856.619	0.000	856.619	0.000	0.000	280.000	0.000	0.000	V22
L9	300.000	0.000	0.000	900.000	0.000	0.000	300.000	0.000	0.000	L21
L10	1080.750	1080.724	1080.740	1108.745	1080.740	1080.730	300.000	0.000	0.000	L20
A11	1131.707	1131.700	1131.717	1170.702	1131.700	1131.712	300.000	0.000	0.000	A16
G12	1131.666	1131.659	1131.673	1131.666	1131.666	1131.666	300.000	0.000	0.000	G10
G13	1131.667	1131.660	1131.673	1131.667	1131.667	1131.667	300.000	0.000	0.000	G17
G14	1131.669	1131.662	1131.673	1131.669	1131.669	1131.669	300.000	0.000	0.000	G16
V15	1300.000	0.000	0.000	1300.000	0.000	0.000	300.000	0.000	0.000	V10
L16	1300.041	1300.034	1300.034	1300.034	1300.034	1300.034	300.000	0.000	0.000	L14
P17	1710.000	0.000	0.000	1710.000	0.000	0.000	1710.000	0.000	0.000	P15
T18	1710.010	1710.003	1710.003	1710.003	1710.003	1710.003	1450.863	1450.863	1450.863	T13
L19	3000.222	3000.215	3000.211	3000.210	3000.210	3000.210	3000.210	3000.210	3000.210	L11
G20	3000.200	3000.193	3000.193	3000.193	3000.193	3000.193	1120.683	1120.683	1120.672	G19
P21	3000.210	3000.203	3000.203	3000.203	3000.203	3000.203	900.834	900.834	900.834	P18
V22	3000.200	3000.193	3000.193	3000.193	3000.193	3000.193	827.507	827.507	827.507	V16
L23	3000.180	3000.173	3000.173	3000.173	3000.173	3000.173	828.519	828.519	828.508	L17
L24	3000.150	3000.143	3000.143	3000.143	3000.143	3000.143	715.435	698.468	698.457	L16
P25	3000.160	3000.153	3000.153	3000.153	3000.153	3000.153	602.351	602.340	602.330	P19
K26	3000.170	3000.163	3000.163	3000.163	3000.163	3000.163	602.340	602.330	602.320	K10
K27	3000.180	3000.173	3000.173	3000.173	3000.173	3000.173	300.000	300.000	300.000	K13
L28	3000.184	3000.177	3000.177	3000.177	3000.177	3000.177	300.000	300.000	300.000	L18
E29	3000.180	3000.173	3000.173	3000.173	3000.173	3000.173	300.000	300.000	300.000	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=46.34
- ▶ F113279.dat
- ▶ query=q41616.p1
- ▶ precursor=771.726190
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a-d	b	b'	b-d	y	y'	y-d	AA
L1	41.552	8.524	0.504	15.543	0.504	0.504	1642.420	1233.036	1333.444	L156
R1	154.832	156.100	0.504	178.974	0.504	0.504	1493.961	1471.956	1476.962	R120
R1	154.832	156.100	0.504	178.974	0.504	0.504	1493.961	1476.971	1476.961	R122
L1	221.551	212.650	0.504	219.164	226.647	0.504	1364.833	1356.325	1355.833	L126
L1	277.726	269.291	0.504	269.785	275.789	0.504	1308.297	1299.789	1299.297	L128
Q1	306.259	297.750	0.504	305.213	311.700	0.504	1251.251	1243.241	1242.749	Q124
R1	384.279	375.750	0.504	380.279	386.763	0.504	1221.241	1214.731	1214.239	R125
V1	433.111	425.361	0.504	441.611	448.104	0.504	1183.111	1176.601	1176.109	V122
V1	484.337	475.823	475.323	498.334	499.821	489.329	1095.843	1087.333	1086.841	V121
I10	540.879	532.366	531.874	554.876	546.363	545.871	1045.123	1036.609	1036.117	I121
A11	576.397	567.884	567.392	590.393	581.882	581.390	988.581	980.067	979.575	A119
Q12	640.927	632.413	631.921	654.424	645.911	645.419	953.062	944.548	944.057	Q118
Q12	640.927	632.413	631.921	654.422	645.912	645.420	889.033	880.519	880.027	Q117
Q14	146.363	148.355	148.443	160.365	162.357	162.445	860.522	852.009	851.517	Q116
V121	146.363	148.355	148.443	160.365	162.357	162.445	832.591	824.078	823.586	V119
L10	195.365	195.011	195.521	207.367	207.013	207.523	783.477	775.964	775.472	L124
F117	612.011	643.537	643.045	646.048	677.573	677.081	725.935	717.422	716.930	F113
R118	660.012	691.537	691.045	694.047	725.572	725.080	677.409	668.895	668.403	R114
L118	660.014	691.539	691.047	694.049	725.574	725.082	649.479	641.966	641.474	L111
Q120	632.844	664.370	663.878	666.881	698.406	697.914	563.845	555.332	554.840	Q115
A121	691.582	723.107	722.615	725.618	757.143	756.651	493.811	485.298	484.806	A116
V122	1114.408	1105.893	1105.399	1117.898	1109.383	1109.887	439.405	430.892	430.399	V118
L128	1111.238	1102.723	1102.229	1105.238	1116.722	1116.226	454.751	446.238	445.746	L112
L12	1227.160	1218.645	1218.149	1241.178	1232.663	1233.167	388.221	379.708	379.216	L10
F121	1176.307	1207.791	1207.295	1210.298	1241.782	1241.286	311.811	303.298	302.806	F111
R126	1340.334	1331.819	1331.323	1334.332	1345.816	1345.320	255.533	247.020	246.528	R124
R127	1054.402	1045.887	1045.391	1048.394	1059.878	1059.382	188.101	180.588	180.096	R123
L126	1434.326	1425.811	1425.315	1428.318	1440.802	1440.306	125.000	0.504	116.487	L12
L124	1518.491	1510.976	1510.480	1513.483	1524.967	1524.471	78.433	0.504	69.920	L12

sp | Q6GSS7 | H2A2A_MOUSE

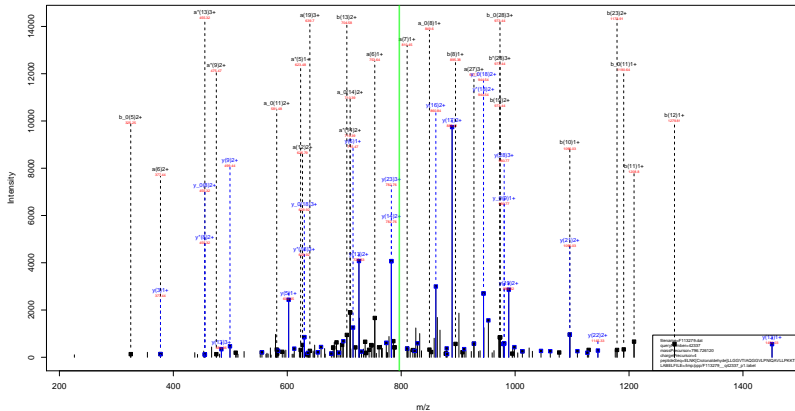
LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=46.34
- ▶ F113279.dat
- ▶ query=q41616.p1
- ▶ precursor=771.726190
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA
L1	28.178	0.872	0.872	38.102	0.872	0.872	1028.031	1022.999	1022.822	L28
N2	67.585	81.730	0.872	78.715	71.941	0.872	660.941	665.265	664.937	N26
K3	110.681	104.407	0.872	119.413	113.739	0.872	852.926	847.251	846.923	K27
L4	147.778	142.125	0.872	157.109	151.434	0.872	810.228	804.553	804.225	L26
L5	188.874	179.397	0.872	194.884	189.210	0.872	670.511	666.835	666.510	L25
Q6	204.478	198.804	0.872	213.811	208.136	0.872	834.839	829.163	828.835	Q24
K7	258.522	250.888	0.872	265.821	260.146	0.872	815.832	810.156	809.828	K25
V8	289.848	281.869	0.872	298.878	293.203	0.872	761.769	756.114	755.786	V22
Y9	323.227	317.551	0.872	331.221	325.545	0.872	526.505	521.747	521.419	Y21
I10	360.822	352.288	0.872	370.251	364.576	0.872	684.209	679.084	678.756	I20
A11	384.601	378.625	0.872	393.912	388.237	0.872	659.389	653.714	653.386	A19
Q12	427.208	421.811	0.872	436.261	430.586	0.872	526.742	521.035	520.707	Q10
G13	446.524	440.611	0.872	456.258	450.583	0.872	449.622	444.115	443.787	G17
G14	488.848	480.828	0.872	499.201	493.526	0.872	468.620	463.017	462.684	G16
V15	518.214	509.849	0.872	527.850	522.175	0.872	535.010	529.334	529.006	V15
L16	538.619	530.383	530.815	545.560	539.879	539.347	521.907	516.312	515.984	L14
P17	568.370	560.494	562.360	577.703	572.028	571.489	484.292	478.611	478.280	P13
N18	608.584	600.708	602.382	613.716	608.040	607.511	451.942	446.268	445.936	N15
T19	644.878	636.443	638.015	653.418	647.743	647.407	413.997	408.292	407.964	T11
Q20	686.785	681.089	680.751	696.096	690.421	689.913	376.251	370.557	370.228	Q10
A21	710.444	704.788	704.440	719.775	714.100	713.762	331.540	327.817	327.542	A19
V22	742.897	737.067	736.969	752.740	747.123	746.785	301.889	298.162	297.894	V19
L23	781.161	775.486	775.150	790.493	784.817	784.480	278.944	275.195	274.941	L17
L24	818.856	813.189	812.852	829.188	823.512	823.184	239.150	235.474	235.146	L16
P25	851.037	845.511	845.201	860.539	854.863	854.535	201.451	197.780	197.492	P15
K26	893.365	888.249	888.149	908.712	903.111	902.813	169.184	165.420	165.180	K14
K27	936.894	930.929	930.632	945.935	940.260	939.932	126.426	122.730	122.462	K13
T28	970.286	964.811	964.261	976.618	971.014	970.716	83.718	80.027	79.784	T12
E29	1011.506	1007.022	1007.269	1022.832	1017.058	1016.828	30.023	0.872	44.121	E10

sp | Q64522 | H2A2B_MOUSE

ELNK ^{Crotonaldehyde} 70.04 LLGGVTIAQGGVLPNIQAVLLPKKTE



sp | Q64522 | H2A2B_MOUSE

ELNK^{Crotonaldehyde}_{70.04} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=47.68
- ▶ F113279.dat
- ▶ query=q42337_p1
- ▶ precursor=796.726120
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	b	b'	c	c'	d	d'	e	e'	f	f'	g	g'	h	h'	AA
E1	203.078	0.000	26.044	236.088	0.000	113.259	191.831	0.000	308.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	L131
L2	215.100	0.000	107.120	243.184	0.000	225.151	304.824	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	L129
N3	229.120	132.120	111.112	337.177	140.120	339.120	241.143	252.174	252.174	252.174	252.174	252.174	252.174	252.174	252.174	252.174	N29
R4	237.033	131.022	500.308	655.314	138.033	337.033	227.077	227.077	227.077	227.077	227.077	227.077	227.077	227.077	227.077	227.077	K127
L15	240.403	623.376	100.399	308.399	303.391	353.391	262.435	262.435	262.435	262.435	262.435	262.435	262.435	262.435	262.435	262.435	L150
L16	753.407	736.460	752.400	101.400	101.400	101.400	101.400	101.400	101.400	101.400	101.400	101.400	101.400	101.400	101.400	101.400	L125
G17	818.508	103.400	792.400	104.400	104.400	104.400	620.403	243.400	243.400	243.400	243.400	243.400	243.400	243.400	243.400	243.400	G24
G18	819.529	820.529	848.519	890.525	878.498	877.512	877.512	877.512	877.512	877.512	877.512	877.512	877.512	877.512	877.512	877.512	V122
V19	868.528	868.528	868.528	904.593	877.512	877.512	877.512	877.512	877.512	877.512	877.512	877.512	877.512	877.512	877.512	877.512	V121
T110	1007.645	1000.613	1048.635	1095.641	1078.614	1077.630	1140.280	1140.280	1140.280	1140.280	1140.280	1140.280	1140.280	1140.280	1140.280	1140.280	T111
T111	1100.743	1110.743	1140.719	1200.725	1140.466	1130.714	1200.719	1200.719	1200.719	1200.719	1200.719	1200.719	1200.719	1200.719	1200.719	1200.719	T110
A121	1201.767	1216.741	1213.767	1279.762	1267.739	1267.739	1267.739	1267.739	1267.739	1267.739	1267.739	1267.739	1267.739	1267.739	1267.739	1267.739	A119
Q13	1319.200	1320.200	1301.814	1407.821	1390.708	1390.820	1395.111	1400.000	1400.000	1400.000	1400.000	1400.000	1400.000	1400.000	1400.000	1400.000	Q131
Q14	1418.207	1419.207	1418.207	1448.204	1447.818	1448.018	1448.018	1448.018	1448.018	1448.018	1448.018	1448.018	1448.018	1448.018	1448.018	1448.018	Q117
Q15	1469.580	1470.542	1470.580	1501.584	1504.557	1503.933	1510.933	1510.933	1510.933	1510.933	1510.933	1510.933	1510.933	1510.933	1510.933	1510.933	Q116
V119	1592.937	1593.937	1574.920	1624.932	1621.905	1621.905	1621.905	1621.905	1621.905	1621.905	1621.905	1621.905	1621.905	1621.905	1621.905	1621.905	V115
L17	1709.211	1709.211	1709.211	1744.218	1744.218	1744.218	1744.218	1744.218	1744.218	1744.218	1744.218	1744.218	1744.218	1744.218	1744.218	1744.218	L14
F118	1803.014	1800.000	1799.003	1831.008	1834.012	1833.012	1450.813	1453.820	1452.822	1452.822	1452.822	1452.822	1452.822	1452.822	1452.822	1452.822	F113
N119	1817.41	1816.000	1816.000	1844.112	1844.112	1844.112	1844.112	1844.112	1844.112	1844.112	1844.112	1844.112	1844.112	1844.112	1844.112	1844.112	N112
T20	2030.203	2023.134	2022.190	2058.196	2044.128	2040.102	2110.200	2110.200	2110.200	2110.200	2110.200	2110.200	2110.200	2110.200	2110.200	2110.200	T11
Q211	2108.208	2110.211	2140.206	2168.204	2178.208	2178.208	1176.611	1169.656	1169.656	1169.656	1169.656	1169.656	1169.656	1169.656	1169.656	1169.656	Q120
A121	2209.209	2210.211	2211.209	2251.201	2240.209	2239.208	860.624	861.626	860.614	860.614	860.614	860.614	860.614	860.614	860.614	860.614	A10
V121	2310.205	2311.205	2310.204	2350.200	2339.213	2338.200	927.587	910.563	909.577	909.577	909.577	909.577	909.577	909.577	909.577	909.577	V10
L124	2341.400	2340.400	2342.400	2380.404	2370.404	2370.404	930.319	931.321	930.308	930.308	930.308	930.308	930.308	930.308	930.308	930.308	L10
L124	2354.433	2353.433	2353.543	2392.538	2385.501	2384.511	715.435	698.408	697.408	697.408	697.408	697.408	697.408	697.408	697.408	697.408	L10
P125	2354.433	2354.433	2353.510	2392.507	2384.509	2383.501	602.351	603.353	584.340	584.340	584.340	584.340	584.340	584.340	584.340	584.340	P10
L124	2378.411	2378.411	2378.510	2417.507	2407.509	2406.501	377.203	378.205	379.207	379.207	379.207	379.207	379.207	379.207	379.207	379.207	L10
R126	2407.710	2406.704	2405.705	2445.710	2434.744	2433.730	377.203	380.171	380.171	380.171	380.171	380.171	380.171	380.171	380.171	380.171	R12
T127	2408.611	2408.611	2408.611	2448.616	2437.618	2436.610	448.100	448.100	448.100	448.100	448.100	448.100	448.100	448.100	448.100	448.100	T12
E10	1137.000	1140.810	1140.800	1184.804	1184.814	1184.800	148.000	148.000	148.000	148.000	148.000	148.000	148.000	148.000	148.000	148.000	E10

sp | Q64522 | H2A2B_MOUSE

ELNK^{Crotonaldehyde}_{70.04} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
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- ▶ score=47.68
- ▶ F113279.dat
- ▶ query=q42337_p1
- ▶ precursor=796.726120
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA									
E1	55	533	0.539	42	523	0.529	58	533	1363	430	1363								
L2	188	673	0.676	89	684	1.22071	0.864	111	689	1627	819	1618	611	1326					
K3	185	595	156	581	156	589	179	592	170	579	170	587	141	131	1462	861	1462	131	N26
R4	254	813	253	803	253	813	273	808	269	807	269	813	283	813	1459	841	1459	841	K27
L5	120	505	122	110	111	505	124	511	125	109	109	125	209	125	1205	773	1205	773	L26
L6	377	247	383	79	388	247	392	245	382	773	382	239	128	184	1292	211	1249	779	L25
G7	469	758	467	748	467	758	478	753	471	742	470	747	757	757	1211	888	1211	888	G24
G8	474	209	475	203	449	203	449	193	439	203	1173	591	1193	173	1194	608	1194	608	G25
V9	481	601	475	289	478	71	491	601	480	587	488	71	1145	181	1136	611	1136	611	V22
T10	334	52	335	425	335	425	344	524	339	611	339	519	1095	646	1097	133	1089	641	T21
T11	580	869	582	385	581	863	584	864	586	863	585	861	1045	123	1039	836	1039	836	T20
A12	626	387	617	73	619	387	645	387	631	871	631	379	988	581	988	681	979	575	A19
Q13	690	416	681	207	671	704	414	695	961	685	407	951	682	944	549	944	657	918	Q18
Q14	188	718	414	709	522	188	522	724	414	187	513	718	888	833	888	513	888	627	Q17
Q15	747	438	749	653	738	433	761	435	752	522	752	428	860	522	860	522	860	522	Q16
V16	196	671	788	459	787	367	196	671	862	456	861	684	102	101	823	466	823	466	V15
L17	553	514	545	201	544	514	587	512	588	508	508	588	782	477	773	964	773	472	L14
P18	792	294	801	577	801	294	807	525	807	613	807	525	111	624	111	624	111	624	P13
N19	839	682	860	549	860	682	973	685	964	546	964	549	677	409	668	685	668	405	N12
L20	1113	654	1087	681	1088	589	1028	681	1021	588	1028	588	636	381	611	874	611	382	L13
Q21	1278	813	1279	813	1009	509	1009	813	1009	118	1009	813	981	819	981	819	981	819	Q19
A22	1115	552	1108	619	1108	541	1120	148	1120	636	1120	144	499	816	499	816	499	816	A18
V23	1114	888	1108	117	1109	888	1178	884	1178	117	1109	888	694	797	655	784	655	784	V18
L24	1099	688	1102	713	1102	688	1102	713	1102	712	1102	712	414	701	406	701	406	701	L12
L25	1177	672	1176	672	1169	672	1169	672	1169	672	1169	672	489	701	489	701	489	701	L11
P26	1136	587	1137	581	1137	581	1146	584	1131	581	1131	581	681	611	681	611	681	611	P11
K27	1091	544	1081	611	1081	544	1094	544	1089	611	1089	544	283	131	244	639	244	647	K16
K28	1014	478	1013	478	1006	478	1006	478	1006	478	1006	478	100	611	100	611	100	611	K15
L29	1004	552	1000	458	1000	458	1018	552	1018	458	1000	458	100	552	100	552	100	552	L10
E30	1088	417	1088	417	1088	417	1088	417	1088	417	1088	417	18	514	0	504	65	510	E11

sp | Q64522 | H2A2B_MOUSE

ELNK^{Crotonaldehyde} LLGGVTIAQGGVLPNIQAVLLPKKTE
70.04

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=47.68
- ▶ F113279.dat
- ▶ query=q42337_p1
- ▶ precursor=796.726120
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a+b	b	b'	b+a'	1001.062	a''	a+b''	AA
E1	34	309	343	34	309	343	1001.062	203.527	203.527	E10
L1	32	309	341	32	309	341				L10
K1	113	309	422	113	309	422				K10
R1	113	309	422	113	309	422				R10
L2	116	444	560	116	444	560				L20
L3	114	136	250	114	136	250				L30
L4	211	424	635	211	424	635				L40
G1	210	424	634	210	424	634				G10
G2	209	424	633	209	424	633				G20
V1	332	471	803	332	471	803				V10
T10	336	503	841	336	503	841				T10
I13	334	466	800	334	466	800				I13
A13	417	507	924	417	507	924				A13
Q13	382	513	895	382	513	895				Q13
Q14	419	513	932	419	513	932				Q14
Q15	468	520	988	468	520	988				Q15
V16	511	611	1122	511	611	1122				V16
L17	569	540	1109	569	540	1109				L17
P18	513	598	1111	513	598	1111				P18
R19	638	718	1356	638	718	1356				R19
T20	677	695	1372	677	695	1372				T20
Q21	720	681	1401	720	681	1401				Q21
A22	743	770	1513	743	770	1513				A22
V23	776	783	1559	776	783	1559				V23
L24	814	808	1622	814	808	1622				L24
L26	852	183	1035	852	183	1035				L26
P26	891	811	1702	891	811	1702				P26
R27	927	232	1159	927	232	1159				R27
R28	928	232	1160	928	232	1160				R28
L29	1003	811	1814	1003	811	1814				L29
E30	1046	827	1873	1046	827	1873				E30

sp | Q64522 | H2A2B_MOUSE

ELNK^{Crotonaldehyde}_{70.04} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.79
- ▶ F113279.dat
- ▶ query=q42338.p1
- ▶ precursor=796.726120
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
E 1	147.076	3183.872	3167.853	0.000	3166.845	E 30
L 2	260.100	3054.829	3036.810	0.000	3037.803	L 29
N 3	374.203	2941.745	2925.726	2936.734	2924.718	N 28
K 4	512.240	2827.702	2811.683	2812.691	2810.675	K 27
L 5	683.424	2629.555	2613.536	2614.554	2612.535	L 26
L 6	798.508	2516.481	2500.462	2501.470	2499.454	L 25
G 7	855.530	2403.397	2387.378	2388.386	2386.370	G 24
G 8	912.551	2246.376	2230.357	2231.365	2229.349	G 23
V 9	1011.620	2289.354	2273.335	2274.343	2272.327	V 22
T 10	1112.667	2180.299	2174.287	2175.278	2173.291	T 21
I 11	1225.751	2089.235	2073.219	2074.227	2072.211	I 20
A 12	1296.789	1976.154	1960.135	1961.143	1959.127	A 19
Q 13	1424.847	1905.117	1889.099	1890.106	1888.090	Q 18
G 14	1481.869	1777.059	1761.039	1762.047	1760.032	G 17
C 15	1538.899	1720.037	1704.018	1705.026	1703.011	C 16
V 16	1637.938	1663.015	1646.997	1648.004	1646.989	V 15
L 17	1753.043	1563.947	1547.928	1548.936	1546.920	L 14
F 18	1848.095	1450.863	1434.844	1435.852	1433.836	F 13
N 19	1962.138	1353.810	1337.791	1338.799	1336.783	N 12
I 20	2075.222	1239.767	1223.748	1224.756	1222.741	I 11
Q 21	2203.281	1126.683	1110.665	1111.672	1109.656	Q 10
A 22	2274.318	998.624	982.606	983.614	981.599	A 9
V 23	2373.386	927.587	911.569	912.576	910.561	V 8
L 24	2466.470	828.519	812.500	813.508	811.492	L 7
L 25	2599.555	715.435	699.416	700.424	698.408	L 6
T 26	2698.607	602.351	586.332	587.340	585.325	T 5
K 27	2824.702	505.296	489.279	490.287	488.272	K 4
K 28	2952.797	377.263	361.184	362.192	360.177	K 3
T 29	3053.845	249.108	233.089	234.097	232.082	T 2
E 30	3182.897	148.060	132.042	133.050	131.034	E 1

sp | Q64522 | H2A2B_MOUSE

ELNK^{Crotonaldehyde}_{70.04} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
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- ▶ score=48.79
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- ▶ query=q42338.p1
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- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
E 1	74.042	1502.439	1584.430	0.504	1583.926	E 30
L 2	130.504	1527.918	1519.909	0.504	1519.405	L 29
N 3	187.605	1471.376	1463.367	1463.871	1462.863	N 28
N 4	208.674	1414.325	1406.389	1406.849	1405.841	N 27
L 5	353.216	1315.265	1307.277	1307.781	1306.771	L 26
L 6	399.758	1258.744	1250.735	1251.239	1250.231	L 25
G 7	438.289	1202.202	1194.193	1194.697	1193.689	G 24
G 8	456.779	1173.691	1165.682	1166.186	1165.178	G 23
V 9	506.313	1145.181	1137.172	1137.676	1136.667	V 22
T 10	556.837	1095.646	1087.637	1088.141	1087.131	T 21
I 11	613.379	1045.123	1037.113	1037.617	1036.609	I 20
A 12	648.898	988.581	980.571	981.075	980.067	A 19
Q 13	712.927	933.062	945.053	945.557	944.549	Q 18
G 14	741.416	889.033	881.023	881.527	880.519	G 17
G 15	769.949	860.522	852.513	853.017	852.009	G 16
V 16	819.483	832.011	824.002	824.506	823.497	V 15
L 17	876.025	782.477	774.468	774.972	773.964	L 14
F 18	934.561	725.935	717.926	718.430	717.422	F 13
N 19	981.573	677.409	669.399	669.903	668.895	N 12
I 20	1038.115	620.387	612.378	612.882	611.874	I 11
Q 21	1182.144	563.845	555.836	556.340	555.331	Q 10
A 22	1137.663	499.816	491.807	492.310	491.302	A 9
V 23	1187.197	464.297	456.288	456.792	455.784	V 8
L 24	1243.739	414.763	406.754	407.258	406.250	L 7
L 25	1300.281	358.221	350.212	350.716	349.708	L 6
T 26	1348.807	308.679	298.639	299.144	298.136	T 5
K 27	1412.855	253.153	245.143	245.647	244.639	K 4
K 28	1476.902	189.055	181.046	181.550	180.542	K 3
T 29	1527.426	125.058	117.048	117.552	116.544	T 2
E 30	1591.947	74.534	66.524	67.028	66.021	E 1

sp | Q64522 | H2A2B_MOUSE

ELNK ^{Crotonaldehyde}_{70.04} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.79
- ▶ F113279.dat
- ▶ query=q42338.p1
- ▶ precursor=796.726120
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
E	1	49.697	1061.962	1056.622	0.672	1056.287	E ₃₀
L	2	87.262	1038.945	1013.608	0.672	1012.272	L ₂₉
T	3	125.408	981.253	975.914	978.250	976.578	T ₂₈
K	4	151.452	934.239	937.899	938.236	937.563	K ₂₇
L	5	229.148	877.193	871.854	872.190	871.518	L ₂₆
L	6	266.841	839.499	834.159	834.495	833.823	L ₂₅
G	7	285.948	801.804	796.464	796.800	796.128	G ₂₄
G	8	304.855	782.797	777.457	777.793	777.121	G ₂₃
V	9	337.878	743.790	738.450	738.786	738.114	V ₂₂
I	10	371.501	738.783	725.437	725.773	725.091	I ₂₁
I	11	409.255	697.084	691.745	692.081	691.409	I ₂₀
A	12	432.934	659.389	654.050	654.386	653.714	A ₁₉
Q	13	475.621	635.710	630.371	630.707	630.035	Q ₁₈
G	14	494.628	593.024	587.685	588.021	587.349	G ₁₇
G	15	513.635	574.017	568.678	569.013	568.342	G ₁₆
V	16	548.658	555.010	549.670	550.006	549.334	V ₁₅
L	17	584.352	521.987	516.648	516.984	516.312	L ₁₄
F	18	616.703	484.292	478.953	479.289	478.617	F ₁₃
N	19	654.718	451.942	446.602	446.938	446.266	N ₁₂
I	20	692.412	413.927	408.588	408.924	408.252	I ₁₁
Q	21	735.098	376.233	370.893	371.229	370.557	Q ₁₀
A	22	758.778	333.546	328.207	328.543	327.871	A ₉
V	23	791.883	308.301	302.962	303.298	302.626	V ₈
L	24	829.405	276.844	271.505	271.841	271.169	L ₇
L	25	867.190	239.150	233.810	234.146	233.474	L ₆
P	26	899.541	201.455	196.116	196.451	195.780	P ₅
K	27	942.239	169.104	163.765	164.101	163.429	K ₄
K	28	984.937	126.406	121.066	121.402	120.730	K ₃
T	29	1018.650	83.708	78.368	78.704	78.032	T ₂
E	30	1091.634	50.025	44.685	45.021	44.349	E ₁

sp | Q64522 | H2A2B_MOUSE

ELNK^{Crotonaldehyde}_{70.04} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.58
- ▶ F113279.dat
- ▶ query=q42339_p1
- ▶ precursor=796.727000
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
E 1	147.076	3183.874	3167.853	0.000	3166.845	E 30
L 2	200.100	3054.829	3038.810	0.000	3037.802	L 29
N 3	374.203	2941.745	2925.726	2926.734	2924.716	N 28
K 4	872.340	2827.702	2813.683	2812.691	2810.673	K 27
L 5	685.424	2620.565	2613.546	2614.554	2612.535	L 26
L 6	798.508	2516.481	2500.462	2501.470	2499.454	L 25
G 7	855.530	2401.397	2387.378	2388.386	2386.370	G 24
G 8	912.551	2346.370	2330.357	2331.365	2329.349	G 23
V 9	1011.620	2289.354	2273.335	2274.343	2272.327	V 22
T 10	1112.667	2190.288	2174.267	2175.275	2173.259	T 21
I 11	1225.751	2089.238	2073.219	2074.227	2072.211	I 20
A 12	1296.789	1976.154	1960.135	1961.143	1959.127	A 19
Q 13	1424.847	1905.117	1889.098	1890.106	1888.090	Q 18
G 14	1481.869	1777.050	1761.039	1762.047	1760.032	G 17
G 15	1538.890	1720.037	1704.024	1705.030	1703.016	G 16
V 16	1637.958	1663.013	1646.997	1648.004	1646.989	V 15
L 17	1751.043	1563.947	1547.928	1548.936	1546.920	L 14
P 18	1848.095	1450.863	1434.844	1435.852	1433.836	P 13
N 19	1962.138	1353.810	1337.791	1338.799	1336.783	N 12
I 20	2075.222	1239.767	1223.748	1224.756	1222.741	I 11
Q 21	2203.281	1126.682	1110.664	1111.672	1109.656	Q 10
A 22	2274.318	999.624	983.605	984.614	982.599	A 9
V 23	2373.386	927.587	911.569	912.576	910.561	V 8
L 24	2486.470	828.519	812.500	813.508	811.492	L 7
L 25	2599.555	715.435	699.416	700.424	698.408	L 6
P 26	2696.607	602.351	586.333	587.340	585.324	P 5
K 27	2824.702	509.266	489.249	490.257	488.241	K 4
K 28	2952.797	377.203	361.184	362.192	360.177	K 3
T 29	3051.845	249.108	233.089	234.097	232.082	T 2
E 30	3182.887	148.060	132.042	133.050	131.034	E 1

sp | Q64522 | H2A2B_MOUSE

ELNK^{Crotonaldehyde}_{70.04} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.58
- ▶ F113279.dat
- ▶ query=q42339_p1
- ▶ precursor=796.727000
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
E	1	74.042	1502.439	1584.430	0.504	1583.926	E	30
L	2	130.504	1527.918	1519.909	0.504	1519.405	L	29
N	3	187.005	1471.376	1483.367	1463.871	1462.863	N	28
N	4	208.074	1414.355	1406.345	1406.849	1405.841	N	27
L	5	353.216	1315.266	1320.279	1309.761	1305.771	L	26
L	6	399.758	1258.744	1250.735	1251.239	1250.231	L	25
G	7	438.269	1202.202	1194.193	1194.697	1193.689	G	24
G	8	456.779	1173.691	1165.682	1166.186	1165.178	G	23
V	9	506.313	1145.181	1137.173	1137.675	1136.667	V	22
T	10	556.837	1095.646	1087.637	1088.141	1087.133	T	21
I	11	613.379	1045.123	1037.113	1037.617	1036.609	I	20
A	12	648.898	988.581	980.571	981.075	980.067	A	19
Q	13	712.927	933.062	945.053	945.557	944.549	Q	18
G	14	741.436	889.033	881.023	881.527	880.519	G	17
G	15	769.949	860.522	852.512	853.017	852.009	G	16
V	16	819.483	832.011	824.002	824.506	823.498	V	15
L	17	876.025	782.477	774.468	774.972	773.964	L	14
P	18	934.561	725.935	717.926	718.430	717.422	P	13
N	19	981.573	677.409	669.399	669.903	668.895	N	12
I	20	1038.115	630.387	612.378	612.882	611.874	I	11
Q	21	1102.144	583.845	565.836	566.340	565.332	Q	10
A	22	1137.663	499.816	481.807	482.310	481.302	A	9
V	23	1187.197	464.297	456.288	456.792	455.784	V	8
L	24	1243.739	414.763	406.754	407.258	406.250	L	7
L	25	1300.281	358.221	350.212	350.716	349.708	L	6
T	26	1358.827	306.679	288.670	289.174	288.166	T	5
K	27	1412.855	253.153	245.143	245.647	244.639	K	4
K	28	1476.902	189.105	181.096	181.600	180.592	K	3
T	29	1527.420	125.058	117.048	117.552	116.544	T	2
E	30	1591.947	74.534	66.524	67.028	66.021	E	1

sp | Q64522 | H2A2B_MOUSE

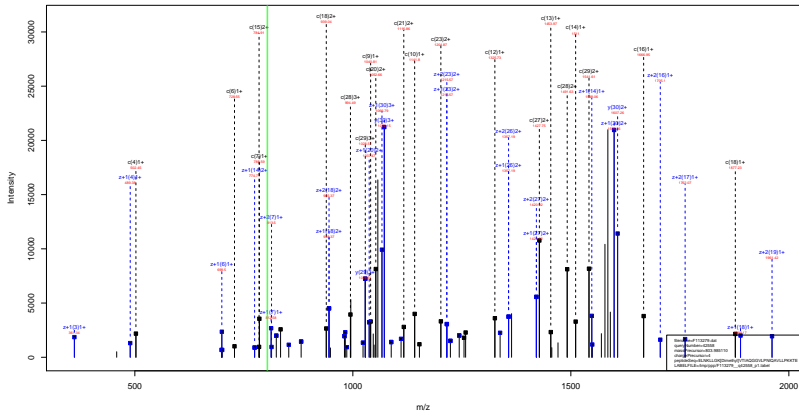
ELNK ^{Crotonaldehyde}_{70.04} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.58
- ▶ F113279.dat
- ▶ query=q42339_p1
- ▶ precursor=796.727000
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
E [1]	49.697	1061.962	1056.622	0.672	1056.287	E [30]
L [2]	87.292	1018.945	1013.606	0.672	1012.272	L [29]
N [3]	125.496	981.253	975.914	0.752	975.575	N [28]
K [4]	191.452	943.230	937.891	0.832	937.553	K [27]
L [5]	229.146	877.193	871.854	0.720	871.515	L [26]
L [6]	266.841	839.499	834.159	0.840	833.821	L [25]
G [7]	285.848	801.804	796.464	0.800	796.125	G [24]
G [8]	304.855	782.797	777.457	0.770	777.117	G [23]
V [9]	337.878	743.780	738.440	0.820	738.101	V [22]
T [10]	371.583	738.767	725.427	0.750	725.091	T [21]
I [11]	409.255	697.584	693.745	0.692	693.406	I [20]
A [12]	432.934	659.389	654.050	0.840	653.714	A [19]
Q [13]	475.621	635.710	630.371	0.707	630.035	Q [18]
G [14]	494.629	593.024	587.685	0.821	587.349	G [17]
G [15]	513.635	574.017	568.678	0.693	568.342	G [16]
V [16]	546.858	535.010	529.670	0.806	529.334	V [15]
L [17]	584.352	521.987	516.648	0.804	516.312	L [14]
M [18]	616.703	484.292	478.953	0.709	478.617	M [13]
N [19]	664.718	451.942	446.602	0.698	446.266	N [12]
I [20]	692.412	413.927	408.588	0.924	408.252	I [11]
Q [21]	735.098	376.233	370.893	0.720	370.557	Q [10]
A [22]	758.778	333.540	328.200	0.843	327.871	A [9]
V [23]	791.809	303.867	298.528	0.804	298.192	V [8]
L [24]	829.495	278.844	273.505	0.781	273.169	L [7]
L [25]	867.190	239.150	233.810	0.846	233.474	L [6]
P [26]	899.541	201.455	196.116	0.961	195.780	P [5]
K [27]	942.239	169.104	163.765	1.041	163.429	K [4]
K [28]	984.937	126.406	121.066	1.140	120.730	K [3]
T [29]	1013.626	83.708	78.368	1.104	78.032	T [2]
E [30]	1061.634	50.025	44.685	0.521	44.349	E [1]

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=100.28
- ▶ F113279.dat
- ▶ query=q42558.p1
- ▶ precursor=803.985110
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA	
E	1	147.676	3212.934	3196.916	0.000	3195.908	E	30
L	2	260.160	3083.892	3067.873	0.000	3066.865	L	29
R	3	374.333	2970.869	2954.789	2855.797	2953.781	R	28
R	4	502.298	2956.765	2940.746	2841.754	2839.735	R	27
L	5	615.382	2728.670	2712.651	2713.659	2711.643	L	26
L	6	728.466	2615.586	2599.569	2600.575	2598.559	L	25
G	7	785.488	2502.502	2486.483	2487.491	2485.475	G	24
K	8	941.614	2445.480	2429.462	2430.469	2428.454	K	23
V	9	1048.683	2389.364	2373.355	2274.343	2272.327	V	22
I	10	1141.730	2190.286	2174.267	2175.275	2173.259	I	21
I	11	1254.814	2089.238	2073.219	2074.227	2072.211	I	20
A	12	1325.851	1978.154	1962.135	1961.143	1959.127	A	19
Q	13	1453.910	1905.117	1889.098	1890.106	1888.090	Q	18
G	14	1510.932	1777.058	1761.039	1762.047	1760.032	G	17
G	15	1567.954	1730.037	1704.018	1705.026	1703.010	G	16
V	16	1667.021	1583.015	1549.997	1548.994	1546.989	V	15
L	17	1780.105	1563.947	1547.928	1548.936	1546.920	L	14
P	18	1877.158	1450.863	1434.844	1435.852	1433.836	P	13
N	19	1991.201	1353.810	1337.791	1336.799	1336.783	N	12
I	20	2104.285	1239.767	1223.748	1224.756	1222.741	I	11
Q	21	2232.344	1136.682	1118.664	1111.672	1109.656	Q	10
A	22	2303.393	998.624	982.606	983.614	981.599	A	9
V	23	2402.449	927.587	911.569	912.576	910.561	V	8
L	24	2515.533	828.519	812.500	813.508	811.492	L	7
L	25	3058.617	715.435	699.416	700.424	698.408	L	6
P	26	2725.670	602.351	586.332	587.340	585.324	P	5
K	27	2853.765	505.296	489.279	490.287	488.271	K	4
R	28	2883.886	377.263	361.184	362.192	360.175	R	3
T	29	3082.908	249.188	233.099	234.097	232.082	T	2
E	30	3211.950	148.060	132.042	133.050	131.034	E	1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=100.28
- ▶ F113279.dat
- ▶ query=q42558.p1
- ▶ precursor=803.985110
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA	
E	1	74.042	1606.971	1598.962	0.904	1598.458	E	30
L	2	130.584	1542.450	1534.440	0.904	1533.936	L	29
N	3	187.005	1485.908	1477.898	1478.402	1477.394	N	28
K	4	251.953	1428.886	1420.877	1421.381	1420.377	K	27
L	5	308.195	1384.839	1356.829	1357.333	1356.325	L	26
L	6	364.737	1308.297	1300.287	1300.791	1299.783	L	25
G	7	393.248	1251.755	1243.745	1244.249	1243.241	G	24
K	8	471.311	1223.244	1215.234	1215.738	1214.731	K	23
V	9	520.845	1145.181	1137.171	1137.675	1136.667	V	22
T	10	573.369	1095.644	1087.637	1088.141	1087.133	T	21
N	11	627.911	1045.123	1037.113	1037.617	1036.609	N	20
A	12	683.429	988.581	980.571	981.075	980.067	A	19
Q	13	727.459	953.062	945.053	945.557	944.549	Q	18
G	14	785.969	889.033	881.023	881.527	880.519	G	17
G	15	784.480	899.522	892.512	853.017	892.009	G	16
V	16	834.014	832.011	824.002	824.506	823.498	V	15
L	17	890.556	782.477	774.468	774.972	773.964	L	14
P	18	939.083	725.935	717.926	718.430	717.422	P	13
N	19	996.104	677.409	669.399	669.903	668.895	N	12
T	20	1052.646	620.387	612.378	612.882	611.874	T	11
Q	21	1118.676	563.845	555.836	556.340	555.332	Q	10
A	22	1152.194	499.819	491.807	492.310	491.303	A	9
V	23	1201.728	464.297	456.288	456.792	455.784	V	8
L	24	1258.270	414.763	406.754	407.258	406.250	L	7
L	25	1314.812	358.221	350.212	350.716	349.708	L	6
P	26	1373.339	301.676	293.670	294.174	293.166	P	5
K	27	1427.386	253.151	245.143	245.647	244.639	K	4
K	28	1481.434	189.195	181.186	181.690	180.682	K	3
T	29	1541.958	125.058	117.048	117.552	116.544	T	2
E	30	1606.479	74.534	66.524	67.028	66.021	E	1

sp | Q6GSS7 | H2A2A_MOUSE

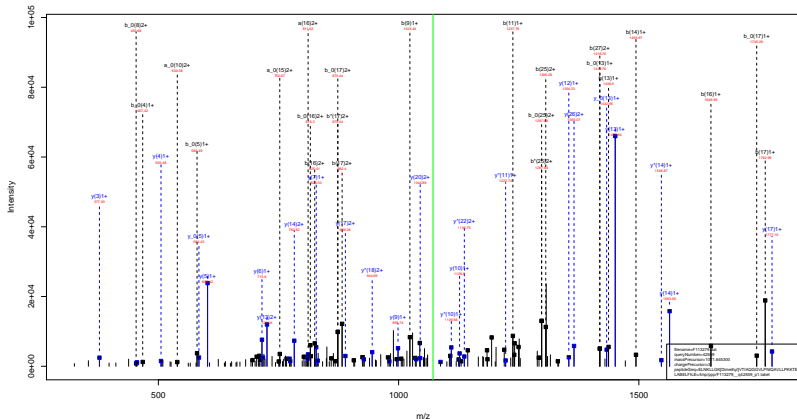
ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=100.28
- ▶ F113279.dat
- ▶ query=q42558.p1
- ▶ precursor=803.985110
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
E	1	49.697	1071.650	1066.310	0.672	1005.974	E	30
L	2	87.302	1028.635	1023.296	0.672	1022.960	L	29
K	3	125.406	990.941	985.601	985.937	985.205	K	28
K	4	168.204	952.926	947.587	947.923	947.251	K	27
L	5	205.799	910.228	904.889	905.225	904.553	L	26
L	6	243.494	872.531	867.194	867.530	866.858	L	25
G	7	282.501	834.839	829.499	829.835	829.163	G	24
K	8	314.543	815.832	810.492	810.828	810.156	K	23
V	9	347.566	783.790	778.450	778.786	778.114	V	22
V	10	381.248	750.767	745.427	745.763	745.091	V	21
I	11	418.943	697.084	691.745	692.081	691.409	I	20
A	12	442.622	659.389	654.050	654.386	653.714	A	19
Q	13	485.308	635.711	630.371	630.707	630.035	Q	18
G	14	504.315	593.024	587.685	588.021	587.349	G	17
G	15	523.123	574.017	568.678	569.013	568.342	G	16
V	16	556.345	559.011	549.670	550.006	549.334	V	15
L	17	594.040	521.987	516.648	516.984	516.312	L	14
P	18	626.891	484.202	478.963	479.299	478.617	P	13
N	19	664.405	451.942	446.602	446.938	446.266	N	12
I	20	702.100	413.927	408.588	408.924	408.252	I	11
Q	21	744.786	376.213	370.873	371.209	370.537	Q	10
A	22	788.465	333.546	328.207	328.543	327.871	A	9
V	23	801.488	309.967	304.628	304.964	304.292	V	8
L	24	839.183	276.844	271.505	271.841	271.169	L	7
L	25	876.877	239.150	233.810	234.146	233.474	L	6
P	26	909.238	201.455	196.116	196.451	195.780	P	5
K	27	951.627	169.104	163.765	164.101	163.429	K	4
K	28	994.625	129.420	124.081	124.417	123.745	K	3
I	29	1028.307	83.708	78.368	78.704	78.032	I	2
E	30	1071.822	50.025	44.685	45.021	44.349	E	1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=55.10
- ▶ F113279.dat
- ▶ query=q42559_p1
- ▶ precursor=1071.645300
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	s	s*	a,p	b	b*	b,p	y	s*	a,p	AA	
E	1	225.130	10.950	187.124	131.070	0.950	113.070	222.174	109.985	1194.824	E280
L	2	225.130	10.950	187.124	243.114	0.950	255.113	202.972	109.985	2009.931	L129
N	3	329.180	137.150	111.172	487.177	141.150	137.150	329.180	145.178	1052.727	N120
N	4	329.177	487.150	145.166	109.177	109.177	487.150	329.177	109.178	1038.754	N121
L	5	419.161	353.574	152.160	306.159	161.159	353.574	353.574	211.141	2120.039	L126
L	6	481.480	666.410	165.434	711.440	164.433	666.410	666.410	206.151	1037.071	L125
G	7	740.457	723.440	723.450	723.450	723.450	723.450	723.450	2485.479	2484.481	G104
N	8	826.518	826.500	826.500	826.500	826.500	826.500	826.500	2629.454	2627.452	N123
V	9	905.581	905.580	905.580	905.580	905.580	905.580	905.580	2697.521	2691.543	V102
T	10	1095.700	1095.680	1095.680	1124.704	1107.677	1107.677	2180.385	2174.203	2172.216	T121
L	11	1209.400	1129.700	1101.700	1217.700	1217.700	1217.700	2009.219	1897.211	1891.212	L101
A	12	1309.500	1263.800	1262.810	1291.798	1291.798	1291.798	1976.154	1959.121	1956.143	A119
Q	13	1439.580	1391.800	1390.810	1438.804	1431.767	1418.875	1888.040	1887.100	1887.100	Q111
Q	14	1489.700	1444.800	1443.800	1493.805	1486.768	1473.821	1777.058	1769.049	1769.049	Q112
G	15	1522.500	1505.900	1504.910	1533.905	1533.905	1533.905	1724.011	1703.000	1702.000	G110
V	16	1622.000	1606.000	1605.010	1646.995	1631.958	1619.011	1724.011	1703.000	1702.000	V115
L	17	1781.000	1733.000	1732.010	1783.019	1783.019	1783.019	1743.008	1741.041	1740.529	L114
P	18	1834.100	1816.100	1814.100	1846.110	1846.110	1846.110	1455.001	1443.001	1442.852	P113
N	19	1845.100	1827.100	1826.100	1874.110	1874.110	1874.110	1351.810	1339.781	1338.799	N112
E	20	2119.400	2040.400	2040.400	2119.400	2119.400	2119.400	1222.741	1211.741	1211.741	E111
A	21	2179.500	2179.500	2179.500	2215.517	2215.517	2215.517	1176.611	1108.636	1108.637	A118
A	22	2208.500	2241.100	2240.949	2268.514	2268.510	2268.514	998.624	881.589	980.614	A109
V	23	2257.400	2240.400	2239.410	2287.413	2287.409	2287.413	927.589	810.563	920.563	V108
L	24	2314.100	2297.810	2296.760	2347.708	2347.708	2347.708	878.519	811.492	810.508	L117
L	25	2411.100	2396.100	2394.101	2411.101	2411.101	2411.101	715.435	686.416	687.424	L101
P	26	2609.600	2601.620	2602.610	2708.644	2691.617	2680.631	662.351	658.324	654.340	P105
L	27	2708.600	2701.610	2702.610	2808.619	2808.619	2808.619	619.219	608.219	608.219	L104
R	28	2816.500	2819.510	2818.500	2854.514	2847.509	2846.514	377.201	365.171	366.181	R103
T	29	3137.200	3045.800	3039.810	3146.811	3146.811	3146.811	246.180	235.180	231.000	T102
E	30	3268.100	3148.800	3146.810	3277.814	3277.814	3277.814	148.000	139.000	133.000	E101

sp | Q6GSS7 | H2A2A_MOUSE

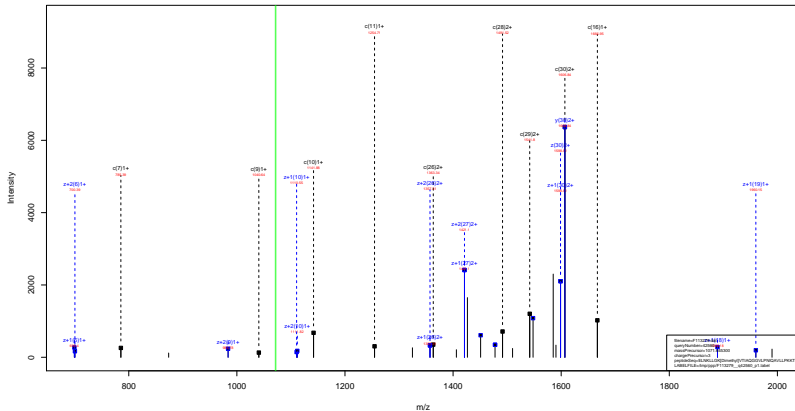
ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=55.10
- ▶ F113279.dat
- ▶ query=q42559_p1
- ▶ precursor=1071.645300
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
E	31.031	0.000	42.529	48.529	0.000	56.571	1658.371	168.451	1697.821	E184
L	110.014	0.004	79.999	123.014	0.004	115.005	1542.405	1551.919	1551.044	L126
N	133.059	108.100	138.059	119.060	119.060	119.060	1435.361	1435.361	1417.361	N120
K	229.142	203.820	220.137	241.140	234.820	234.134	1342.361	1342.361	1410.361	K127
L	102.004	107.411	109.010	109.010	104.100	104.100	1304.439	1305.323	1305.323	L126
L	141.036	141.913	141.913	141.913	141.913	141.913	1308.399	1308.399	1309.380	L126
G	110.017	103.224	101.732	104.734	101.211	101.211	1281.725	1283.241	1282.740	G124
K	148.009	149.327	149.762	149.762	144.264	144.264	453.192	1323.349	1323.349	K125
V	146.014	146.891	146.891	147.834	146.811	146.811	1301.381	1318.181	1136.667	V122
T	148.038	149.241	539.853	149.241	154.242	153.330	1301.381	1087.133	1088.241	T121
E	105.000	105.887	105.887	105.887	101.888	101.888	1305.133	1036.600	1037.717	E121
A	144.010	144.450	144.450	144.450	144.450	144.450	1301.381	1301.381	1301.381	A120
Q	704.948	686.435	695.943	718.946	718.432	709.940	845.911	844.549	844.567	Q118
G	144.010	144.450	144.450	144.450	144.450	144.450	1301.381	1301.381	1301.381	G117
G	144.010	144.450	752.964	144.450	144.450	746.962	845.911	845.911	845.911	G117
V	811.504	802.490	802.490	825.501	816.988	816.490	852.011	852.011	852.011	V115
T	103.940	103.931	103.931	102.343	105.330	102.338	782.017	771.964	773.472	T114
F	155.012	155.521	155.521	155.521	155.521	155.521	1211.554	725.935	711.422	F113
N	171.023	161.200	164.199	164.199	164.199	164.199	1071.391	1071.391	1061.411	N112
R	168.028	161.200	164.199	1044.133	1044.133	1044.133	1035.128	1035.128	1035.128	R111
Q	1594.100	1595.232	1595.232	1595.232	1595.232	1595.232	1033.915	1033.915	1033.915	Q109
A	1129.083	1121.130	1120.130	1143.081	1139.130	1134.130	689.011	689.011	689.011	A107
V	1179.110	1169.100	1169.110	1193.215	1184.702	1184.210	684.261	455.764	455.262	V106
L	1119.100	1107.200	1107.200	1140.215	1141.244	1140.752	614.212	614.212	614.212	L107
L	1292.302	1283.100	1283.100	1306.299	1297.786	1297.294	538.211	538.211	538.211	L106
V	1341.030	1332.131	1331.823	1332.131	1332.131	1332.131	538.211	538.211	538.211	V105
K	1414.016	1405.363	1405.363	1418.873	1414.363	1414.363	499.800	499.800	499.800	K104
K	1440.047	1430.439	1430.439	1441.900	1434.407	1434.407	488.108	488.108	488.108	K103
L	1319.047	1310.004	1310.442	1313.444	1304.911	1304.439	329.000	0.000	118.000	L102
L	1313.038	1313.439	1313.439	1313.439	1313.439	1313.439	174.212	0.000	85.000	L101

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.34
- ▶ F113279.dat
- ▶ query=q42560.p1
- ▶ precursor=1071.645300
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
E	1	147.076	3212.934	3106.916	0.000	3195.908	E 30
L	2	200.160	3083.892	3067.873	0.000	3056.855	L 29
K	3	174.203	2970.808	2954.789	2938.797	2953.781	K 28
K	4	302.298	2856.765	2840.746	2824.734	2839.720	K 27
L	5	815.382	2728.670	2712.651	2713.650	2711.643	L 26
L	6	728.466	2615.586	2599.567	2600.575	2598.559	L 25
G	7	785.488	2502.500	2486.483	2487.491	2485.475	G 24
K	8	941.614	2445.480	2429.462	2430.469	2428.454	K 23
V	9	1040.583	2289.354	2273.335	2274.343	2272.327	V 22
T	10	1141.730	2190.288	2174.267	2175.275	2173.259	T 21
H	11	1254.814	2089.238	2073.219	2074.227	2072.211	H 20
A	12	1325.851	1976.154	1960.135	1961.143	1959.127	A 19
Q	13	1453.910	1905.117	1889.098	1890.106	1888.090	Q 18
G	14	1510.932	1777.050	1761.030	1762.047	1760.032	G 17
Q	15	1597.953	1720.010	1704.000	1705.008	1703.010	Q 16
V	16	1667.021	1663.013	1646.997	1648.004	1646.989	V 15
L	17	1780.105	1563.949	1547.928	1548.936	1546.920	L 14
P	18	1877.158	1450.863	1434.844	1435.852	1433.836	P 13
N	19	1991.201	1353.810	1337.791	1338.799	1336.783	N 12
T	20	2104.285	1239.767	1223.748	1224.756	1222.741	T 11
Q	21	2232.344	1126.682	1110.664	1111.672	1109.656	Q 10
A	22	2303.391	999.624	983.605	983.614	981.599	A 9
V	23	2402.449	927.587	911.569	912.576	910.561	V 8
L	24	2515.533	828.519	812.500	813.508	811.492	L 7
L	25	2628.617	715.435	699.416	700.424	698.408	L 6
P	26	2725.670	602.351	586.332	587.340	585.324	P 5
K	27	2833.765	509.266	489.249	490.257	488.241	K 4
K	28	2981.860	377.203	361.184	362.192	360.177	K 3
T	29	3062.908	249.108	233.089	234.097	232.082	T 2
E	30	3211.950	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

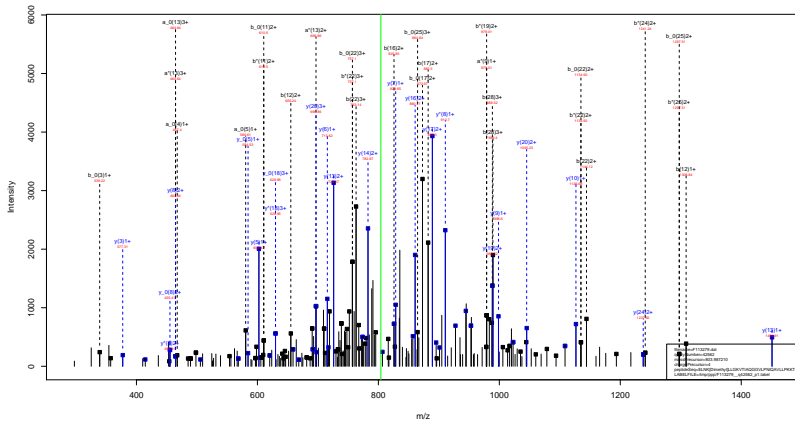
ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=37.34
- ▶ F113279.dat
- ▶ query=q42560.p1
- ▶ precursor=1071.645300
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
E 1	74.042	1606.971	1598.962	0.504	1598.458	E 30
L 2	130.504	1542.456	1534.440	0.504	1533.936	L 29
N 3	187.605	1485.908	1477.898	1479.402	1477.394	N 28
K 4	251.653	1428.869	1420.877	1421.381	1420.371	K 27
L 5	308.195	1364.839	1356.829	1357.333	1355.323	L 26
L 6	364.737	1308.297	1300.287	1300.791	1299.781	L 25
G 7	391.240	1251.755	1243.745	1244.249	1243.241	G 24
K 8	471.311	1223.244	1215.234	1215.738	1214.731	K 23
V 9	520.845	1148.181	1137.171	1137.675	1136.667	V 22
T 10	573.369	1095.646	1087.637	1088.141	1087.131	T 21
I 11	627.911	1045.123	1037.113	1037.617	1036.609	I 20
A 12	683.429	988.581	980.571	981.075	980.067	A 19
Q 13	727.459	933.062	945.053	945.557	944.549	Q 18
G 14	755.969	889.033	881.023	881.527	880.519	G 17
C 15	784.480	869.522	862.513	863.017	862.009	C 16
V 16	834.014	832.011	824.002	824.506	823.497	V 15
L 17	890.556	782.477	774.468	774.972	773.964	L 14
F 18	936.083	725.935	717.926	718.430	717.422	F 13
N 19	996.104	677.409	669.399	669.903	668.895	N 12
I 20	1052.646	620.387	612.378	612.882	611.874	I 11
Q 21	1118.678	563.845	565.836	566.340	565.331	Q 10
A 22	1152.194	499.816	491.807	492.310	491.301	A 9
V 23	1201.728	464.297	456.288	456.792	455.784	V 8
L 24	1258.270	414.763	406.754	407.258	406.250	L 7
L 25	1314.812	358.221	350.212	350.716	349.708	L 6
F 26	1363.339	301.679	293.670	294.174	293.165	F 5
K 27	1427.356	253.153	245.143	245.647	244.639	K 4
K 28	1491.434	189.055	181.046	181.550	180.542	K 3
T 29	1541.958	125.058	117.048	117.552	116.544	T 2
E 30	1606.479	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

ELNK^{Dimethyl}_{28.03} LLGKV^{Dimethyl}TIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

ELNK^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.27
- ▶ F113279.dat
- ▶ query=q42562.p1
- ▶ precursor=803.987210
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a,Δ	b	b'	b,Δ	y	y'	AA
L1	2052.558	2052.558	2052.558	1336.986	1336.986	1336.986	3052.557	3052.557	L131
L2	2155.158	2155.158	2155.158	1443.154	1443.154	1443.154	2855.156	2855.156	L129
N3	2475.348	2475.348	2475.348	1777.777	1777.777	1777.777	2655.347	2655.347	N128
N4	485.103	485.103	485.103	514.311	514.311	514.311	899.292	899.292	N27
L5	598.192	598.192	598.192	625.287	625.287	625.287	998.191	998.191	L126
L6	711.476	711.476	711.476	739.471	739.471	739.471	1097.470	1097.470	L125
N7	768.606	768.606	768.606	796.743	796.743	796.743	1247.605	1247.605	N26
N8	898.593	898.593	898.593	929.593	929.593	929.593	1397.592	1397.592	N25
V9	995.656	995.656	995.656	1023.656	1023.656	1023.656	1496.651	1496.651	V22
T10	1095.709	1095.709	1095.709	1120.688	1120.688	1120.688	1595.700	1595.700	T21
L11	1198.813	1198.813	1198.813	1217.798	1217.798	1217.798	1694.812	1694.812	L21
A12	1300.908	1300.908	1300.908	1317.908	1317.908	1317.908	1793.907	1793.907	A19
Q13	1402.989	1402.989	1402.989	1419.989	1419.989	1419.989	1892.988	1892.988	Q18
Q14	1505.059	1505.059	1505.059	1522.059	1522.059	1522.059	1991.059	1991.059	Q17
Q15	1557.512	1557.512	1557.512	1574.512	1574.512	1574.512	2089.512	2089.512	Q16
V16	1659.558	1659.558	1659.558	1626.558	1626.558	1626.558	2187.557	2187.557	V15
L17	1761.601	1761.601	1761.601	1728.601	1728.601	1728.601	2285.600	2285.600	L14
F18	2352.517	2352.517	2352.517	2352.517	2352.517	2352.517	1450.863	1450.863	F13
N19	2448.589	2448.589	2448.589	2448.589	2448.589	2448.589	1359.763	1359.763	N12
N20	2550.642	2550.642	2550.642	2550.642	2550.642	2550.642	1258.742	1258.742	N11
Q21	2652.702	2652.702	2652.702	2652.702	2652.702	2652.702	1156.672	1156.672	Q19
A22	2754.789	2754.789	2754.789	2754.789	2754.789	2754.789	995.624	995.624	A18
V23	2857.426	2857.426	2857.426	2857.426	2857.426	2857.426	927.587	927.587	V16
L24	2959.513	2959.513	2959.513	2959.513	2959.513	2959.513	826.519	826.519	L17
L25	3061.598	3061.598	3061.598	3061.598	3061.598	3061.598	715.435	715.435	L16
P26	3163.689	3163.689	3163.689	3163.689	3163.689	3163.689	602.351	602.351	P15
K27	3265.782	3265.782	3265.782	3265.782	3265.782	3265.782	508.268	508.268	K14
R28	3367.873	3367.873	3367.873	3367.873	3367.873	3367.873	377.203	377.203	R13
T29	3469.964	3469.964	3469.964	3469.964	3469.964	3469.964	246.119	246.119	T12
E30	3572.052	3572.052	3572.052	3572.052	3572.052	3572.052	148.000	148.000	E11

sp | Q6GSS7 | H2A2A_MOUSE

ELNK^{Dimethyl}_{28.03} LLGKV^{Dimethyl}TIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=37.27
- ▶ F113279.dat
- ▶ query=q42562.p1
- ▶ precursor=803.987210
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a ²⁺	b	b ⁺	b ²⁺	y	y ⁺	y ²⁺	AA
E1	111.059	9.354	44.229	109.249	9.354	44.229	208.249	118.603	163.968	L131
L12	108.073	9.354	38.955	112.081	9.354	38.955	174.455	115.935	151.944	L129
N13	105.088	9.354	33.680	114.932	9.354	33.680	140.760	113.262	147.952	N128
R14	102.102	9.354	28.405	117.783	9.354	28.405	107.065	110.589	144.968	R127
L15	100.102	9.354	25.444	119.087	9.354	25.444	104.972	110.513	134.973	L126
L16	100.042	9.354	24.719	119.719	9.354	24.719	104.334	110.438	133.978	L125
N17	100.032	9.354	24.444	120.789	9.354	24.444	103.747	110.363	132.983	N124
R18	100.000	9.354	23.169	123.640	9.354	23.169	103.160	110.288	131.988	R123
V19	998.334	488.821	488.378	488.378	503.618	503.175	1146.381	1146.381	1146.381	V122
T101	100.000	9.354	23.169	123.640	9.354	23.169	103.160	110.288	131.988	T121
L11	605.400	598.887	598.395	614.388	614.388	610.884	610.884	1045.123	1045.123	L104
A12	648.919	648.435	648.435	654.916	648.483	648.911	648.911	648.911	648.911	A119
Q13	648.919	648.435	648.435	718.945	718.432	709.940	653.062	644.549	644.549	Q118
Q14	733.455	733.455	733.455	733.455	733.455	733.455	733.455	733.455	733.455	Q117
Q15	101.000	9.354	32.544	125.967	9.354	32.544	108.967	110.513	133.978	Q116
V16	111.004	9.354	39.498	825.501	816.988	816.496	816.496	816.496	816.496	V115
L17	108.004	9.354	34.244	882.043	873.530	873.038	782.477	773.964	773.472	L114
F18	104.012	9.354	30.793	100.000	9.354	30.793	100.000	100.000	100.000	F113
N19	101.000	9.354	32.544	907.591	879.078	878.586	877.409	868.895	868.403	N112
R20	100.000	9.354	23.169	1044.133	1035.620	1035.128	826.367	821.874	821.382	R111
Q21	1094.105	1094.105	1094.105	1108.162	1108.162	1108.162	1108.162	1108.162	1108.162	Q110
A22	110.000	9.354	31.818	1143.681	1135.168	1134.676	899.889	891.376	890.884	A109
V23	119.018	11.029	37.624	1193.215	1184.702	1184.210	464.297	455.784	455.292	V108
L24	108.000	9.354	32.544	1248.744	1240.231	1240.732	814.763	814.763	814.763	L107
L25	106.000	9.354	30.584	1309.269	1297.786	1297.294	848.755	848.755	848.755	L106
P26	1140.018	1132.533	1132.829	1354.825	1346.312	1345.820	882.819	883.310	883.801	P105
R27	1140.018	1132.533	1132.829	1419.819	1411.306	1410.814	893.811	894.302	894.793	R104
R28	1140.018	1132.533	1132.829	1484.813	1476.300	1475.808	894.811	895.302	895.793	R103
L29	113.014	10.018	44.011	1533.444	1524.931	1524.439	924.803	925.294	925.785	L102
E30	103.008	9.354	31.481	1597.889	1589.376	1588.884	938.803	939.294	939.785	E101

sp | Q6GSS7 | H2A2A_MOUSE

ELNK^{Dimethyl}_{28.03} LLGKV^{Dimethyl}TIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=37.27
- ▶ F113279.dat
- ▶ query=q42562.p1
- ▶ precursor=803.987210
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,D	b	b*	b,D	y	y*	y,D	AA	
E	1	46.000	0.000	46.000	46.000	0.000	0.000	0.000	0.000	E	
L	2	72.300	0.000	95.300	83.700	0.000	75.713	1020.670	1022.960	1022.632	L
N	3	110.900	0.000	109.700	110.700	0.000	113.227	980.943	980.203	984.017	N
R	4	162.444	0.000	160.444	161.779	0.000	160.949	852.826	849.293	849.044	R
L	5	202.110	0.000	199.110	200.900	0.000	203.792	803.404	800.834	805.200	L
L	6	237.630	0.000	235.630	237.020	0.000	241.406	741.100	740.100	807.144	L
G	7	268.837	0.000	266.837	268.160	0.000	270.494	680.250	675.495	670.810	G
R	8	296.730	0.000	294.730	296.000	0.000	303.332	612.000	600.420	600.000	R
V	9	332.600	0.000	330.600	332.000	0.000	336.416	530.000	530.000	530.000	V
T	10	368.241	0.000	366.241	367.576	0.000	370.500	460.000	607.004	601.400	T
L	11	403.910	0.000	401.910	403.200	0.000	407.000	400.000	601.000	601.000	L
A	12	427.010	0.000	425.010	426.345	0.000	431.271	430.000	650.300	650.714	A
Q	13	450.010	454.826	454.200	451.000	0.000	475.000	370.000	630.030	628.707	Q
G	14	460.300	460.000	460.400	460.400	0.000	460.000	300.000	300.000	300.000	G
G	15	488.110	0.000	486.110	487.000	0.000	491.000	250.000	560.342	560.014	G
V	16	541.110	0.000	539.110	540.000	0.000	544.000	200.000	200.000	200.000	V
L	17	590.010	0.000	588.010	589.000	0.000	592.000	150.000	150.000	150.000	L
P	18	611.000	605.700	605.300	620.715	0.000	614.914	100.000	100.000	100.000	P
N	19	640.000	640.000	643.395	650.730	0.000	647.000	50.000	50.000	50.000	N
E	20	667.000	661.417	661.000	666.424	680.740	680.421	410.000	410.000	410.000	E
Q	21	720.770	720.000	720.111	733.435	733.107	730.000	300.000	300.000	300.000	Q
A	22	753.400	747.782	749.400	762.790	757.114	750.780	200.000	200.000	200.000	A
V	23	780.400	780.000	780.000	795.812	790.000	790.000	100.000	100.000	100.000	V
L	24	804.110	800.000	803.110	813.500	807.000	827.504	50.000	50.000	50.000	L
L	25	861.010	860.000	860.000	861.000	860.000	865.100	50.000	50.000	50.000	L
P	26	894.210	890.000	890.000	893.553	897.000	897.000	50.000	50.000	50.000	P
L	27	900.010	900.000	900.000	900.000	900.000	900.000	50.000	50.000	50.000	L
R	28	930.010	930.000	930.000	930.000	933.274	930.000	50.000	50.000	50.000	R
T	29	1013.300	1010.000	1010.000	1022.632	1016.936	1016.620	50.000	50.000	50.000	T
E	30	1050.010	1050.000	1050.000	1050.000	1050.000	1050.000	50.000	50.000	50.000	E

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.02
- ▶ F113279.dat
- ▶ query=q42563.p1
- ▶ precursor=803.987210
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
E	1	147.076	3212.934	3196.916	0.000	3195.908	E	30
L	2	260.160	3083.892	3067.873	0.000	3066.865	L	29
T	3	374.203	2970.808	2954.789	2955.797	2953.781	N	28
K	4	502.298	2856.765	2840.746	2841.754	2839.738	K	27
L	5	615.382	2728.670	2712.651	2713.659	2711.643	L	26
L	6	728.466	2615.588	2599.567	2600.575	2598.559	L	25
G	7	785.488	2502.503	2486.483	2487.491	2485.475	G	24
K	8	941.614	2445.480	2429.462	2430.469	2428.454	K	23
V	9	1040.683	2289.354	2273.335	2274.343	2272.327	V	22
I	10	1141.730	2190.286	2174.267	2175.275	2173.259	I	21
I	11	1254.614	2089.238	2073.219	2074.227	2072.211	I	20
A	12	1325.851	1976.154	1960.135	1961.143	1959.127	A	19
Q	13	1453.910	1905.117	1889.098	1890.106	1888.090	Q	18
G	14	1510.932	1777.058	1761.039	1762.047	1760.032	G	17
G	15	1567.953	1720.019	1704.018	1705.026	1703.010	G	16
V	16	1667.021	1623.953	1607.937	1608.944	1606.929	V	15
L	17	1780.105	1553.947	1547.928	1548.936	1546.920	L	14
P	18	1877.158	1450.863	1434.844	1435.852	1433.836	P	13
N	19	1991.201	1353.810	1337.791	1338.799	1336.783	N	12
I	20	2104.285	1239.763	1223.748	1224.756	1222.741	I	11
Q	21	2232.344	1126.683	1110.664	1111.672	1109.656	Q	10
A	22	2303.281	1098.624	1082.606	1083.614	981.598	A	9
V	23	2402.449	927.587	911.569	912.576	910.561	V	8
L	24	2515.533	828.519	812.500	813.508	811.492	L	7
L	25	2628.617	715.435	699.416	700.424	698.408	L	6
P	26	2725.670	602.351	586.332	587.340	585.324	P	5
K	27	2853.765	505.298	489.279	490.287	488.271	K	4
K	28	2961.860	377.203	361.184	362.192	360.177	K	3
T	29	3087.908	249.108	233.089	234.097	232.082	T	2
E	30	3211.950	148.060	132.042	133.050	131.034	E	1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.02
- ▶ F113279.dat
- ▶ query=q42563.p1
- ▶ precursor=803.987210
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
E[1]	74.042	1606.971	1598.952	0.504	4598.458	E[30]
L[2]	130.504	1542.450	1534.440	0.504	4533.930	L[29]
N[3]	187.605	1485.908	1477.898	1478.402	1477.394	N[28]
K[4]	251.653	1428.809	1429.877	1421.381	1420.373	K[27]
L[5]	308.195	1364.830	1356.829	1357.333	1356.325	L[26]
L[6]	364.737	1308.297	1300.287	1300.791	1299.783	L[25]
G[7]	381.240	1251.755	1243.745	1244.249	1243.241	G[24]
K[8]	471.311	1223.244	1215.234	1215.738	1214.731	K[23]
V[9]	530.845	1148.181	1139.713	1139.679	1138.667	V[22]
T[10]	573.389	1095.646	1087.637	1088.141	1087.133	T[21]
I[11]	627.911	1045.123	1037.113	1037.617	1036.609	I[20]
A[12]	683.429	988.581	980.571	981.075	980.067	A[19]
Q[13]	727.450	933.062	945.053	945.557	944.549	Q[18]
G[14]	755.969	889.633	881.023	881.527	880.519	G[17]
C[15]	794.488	860.522	852.513	853.017	852.009	C[16]
V[16]	834.014	860.522	852.513	824.506	823.498	V[15]
L[17]	890.556	782.477	774.468	774.972	773.964	L[14]
P[18]	939.083	725.935	717.926	718.430	717.422	P[13]
N[19]	996.104	677.409	669.399	669.903	668.895	N[12]
I[20]	1052.646	620.387	612.378	612.882	611.874	I[11]
Q[21]	1116.676	563.845	555.836	556.340	555.332	Q[10]
A[22]	1152.194	499.810	491.801	492.305	491.297	A[9]
V[23]	1201.728	464.297	456.288	456.792	455.784	V[8]
L[24]	1258.270	414.763	406.754	407.258	406.250	L[7]
L[25]	1314.812	358.221	350.212	350.716	349.708	L[6]
T[26]	1363.330	301.679	293.670	294.174	293.166	T[5]
K[27]	1427.386	253.153	245.143	245.647	244.639	K[4]
K[28]	1491.434	189.105	181.096	181.600	180.592	K[3]
T[29]	1541.958	125.058	117.048	117.552	116.544	T[2]
E[30]	1606.479	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl} VTIAGGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=68.02
- ▶ F113279.dat
- ▶ query=q42563.p1
- ▶ precursor=803.987210
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA	
E	1	49.697	1071.650	1066.310	0.672	1005.974	E	30
L	2	87.302	1028.635	1023.296	0.672	1022.960	L	29
K	3	125.406	990.941	985.601	985.937	985.205	K	28
K	4	168.204	952.926	947.587	947.923	947.251	K	27
L	5	205.799	910.228	904.889	905.225	904.553	L	26
L	6	243.494	872.531	867.194	867.530	866.858	L	25
G	7	282.501	834.839	829.499	829.835	829.163	G	24
K	8	314.543	815.832	810.492	810.828	810.156	K	23
V	9	347.566	783.790	778.450	778.786	778.114	V	22
V	10	381.248	750.767	745.427	745.763	745.091	V	21
I	11	418.943	697.084	691.745	692.081	691.409	I	20
A	12	442.622	659.389	654.050	654.386	653.714	A	19
Q	13	485.308	635.710	630.371	630.707	630.035	Q	18
G	14	504.315	593.024	587.685	588.021	587.349	G	17
G	15	523.223	574.017	568.678	569.013	568.342	G	16
V	16	556.345	559.010	549.670	550.006	549.334	V	15
L	17	594.040	521.987	516.648	516.984	516.312	L	14
P	18	626.891	484.202	478.963	479.299	478.617	P	13
N	19	664.405	451.942	446.602	446.938	446.266	N	12
I	20	702.100	413.927	408.588	408.924	408.252	I	11
Q	21	744.786	376.213	370.893	371.229	370.557	Q	10
A	22	788.465	333.546	328.207	328.543	327.871	A	9
V	23	801.488	309.867	304.528	304.864	304.192	V	8
L	24	839.183	276.844	271.505	271.841	271.169	L	7
L	25	876.877	239.150	233.810	234.146	233.474	L	6
P	26	909.228	201.455	196.116	196.451	195.780	P	5
K	27	951.827	169.104	163.765	164.101	163.429	K	4
K	28	994.625	129.420	124.081	124.417	123.745	K	3
I	29	1028.307	83.700	78.368	78.704	78.032	I	2
E	30	1071.822	50.025	44.685	45.021	44.349	E	1

sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLLIGKKGQQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.72
- ▶ F113279.dat
- ▶ query=q43316.p1
- ▶ precursor=827.746920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
L1	88.980	0.000	19.000	114.980	0.000	0.000	107.980	1369.980	1289.980	L121
D12	101.717	0.000	103.717	124.717	0.000	211.717	1019.717	1177.717	1177.717	D121
S13	208.752	0.000	209.752	210.752	0.000	209.752	1019.752	1062.752	1062.752	S131
L14	401.289	0.000	381.279	420.234	0.000	411.234	1049.234	1091.768	1091.768	L129
T15	514.224	0.000	496.211	542.218	0.000	528.218	1079.218	1082.704	1082.704	T128
R16	612.478	0.000	604.468	610.413	0.000	601.413	1119.413	1144.924	1144.924	R127
A17	711.636	0.000	696.439	709.460	741.451	734.424	1214.424	1261.935	1261.935	A126
T18	811.939	187.477	796.463	804.938	825.472	824.480	1247.514	1335.488	1349.504	T125
T19	917.587	170.560	896.577	955.582	938.566	937.572	1248.444	1344.444	1344.444	T124
A109	998.824	681.528	988.024	1026.819	1009.509	1008.828	1315.328	1339.368	1339.372	A122
G111	1035.548	1030.839	1031.839	1033.841	1036.814	1065.630	1282.340	1298.310	1294.332	G122
G112	1119.889	1099.894	1099.891	1101.894	1104.852	1107.819	1221.319	1229.368	1229.368	G121
T113	1189.888	1152.882	1151.878	1197.884	1188.852	1179.818	1248.318	1251.348	1252.362	T120
V14	1268.937	1231.931	1230.927	1296.752	1287.728	1278.702	1211.328	1264.358	1261.272	V119
T16	1361.924	1326.918	1325.914	1409.836	1394.810	1381.828	1212.212	1265.188	1264.242	T118
F108	1418.924	1415.918	1409.904	1414.918	1419.912	1423.910	1219.212	1262.102	1261.118	F117
H11	1511.928	1486.824	1487.844	1514.844	1505.828	1501.811	1249.211	1269.044	1264.064	H110
T106	1729.937	1712.931	1711.927	1757.932	1746.928	1739.921	1248.921	1247.996	1247.008	T115
T104	1806.968	1806.968	1804.958	1804.958	1807.964	1809.968	1253.918	1254.908	1253.922	T104
R126	1894.936	1877.924	1876.920	1892.924	1895.938	1894.934	1244.834	1267.847	1266.851	R123
S121	1911.928	1904.138	1903.912	1908.918	1902.910	1901.901	1285.778	1288.933	1288.708	S122
L122	2004.987	1979.978	1978.968	2002.978	1996.970	1995.961	1238.961	1262.968	1261.988	L121
T124	2007.981	2006.980	2005.981	2007.988	2011.986	2011.976	1068.974	1068.938	1068.952	T123
G124	2024.911	2027.908	2026.920	2027.927	2031.928	2031.907	971.578	989.573	958.588	G123
R125	2052.940	2045.930	2044.940	2045.944	2049.942	2049.921	1019.921	1019.912	1018.944	R124
R127	2102.942	2095.932	2094.942	2101.942	2105.940	2105.929	1019.929	1019.920	1018.952	R127
G127	2177.924	2161.916	2160.911	2161.918	2166.918	2167.916	860.368	841.341	841.307	G126
G128	2205.933	2180.926	2179.922	2181.927	2184.925	2183.927	843.340	848.328	848.335	G125
G129	2113.914	2098.912	2097.911	2098.916	2104.916	2104.905	1061.905	1061.902	1061.911	G128
R130	2269.987	2257.984	2257.987	2257.982	2264.988	2264.979	347.229	358.202	329.218	R131
T131	1180.915	1171.899	1170.904	1171.910	1181.893	1180.906	108.103	0.000	173.992	T129
A114	1081.916	1074.903	1074.904	1076.911	1079.911	1079.910	107.910	0.000	108.000	A113

sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLLIGKKGQQK Dimethyl TA
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=39.72
- ▶ F113279.dat
- ▶ query=q43316.p1
- ▶ precursor=827.746920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a,Δ	b	b'	b,Δ	r	y'	y,Δ	AA
L1	43.262	0.509	41.521	57.549	0.504	55.521	1024.461	1045.969	1045.477	L121
D2	101.022	0.511	99.760	119.589	0.504	118.597	1297.866	1299.427	1298.916	D111
S3	144.501	0.504	139.576	158.579	0.504	149.574	1540.427	1551.914	1551.422	S120
L4	201.471	0.504	197.119	215.171	0.504	209.119	1496.611	1498.368	1487.606	L129
D5	257.655	0.504	249.655	271.661	0.504	262.655	1443.362	1441.895	1431.364	D121
R6	314.713	0.512	310.500	329.740	0.507	326.970	1376.872	1375.354	1364.822	R127
A7	367.451	0.468	366.220	371.029	0.467	369.224	1319.770	1311.366	1310.774	A126
T8	407.735	0.509	402.793	421.751	0.513	413.747	1284.261	1279.148	1275.256	T125
D9	464.977	455.284	455.292	478.259	468.761	460.269	1223.973	1220.224	1214.629	D124
A10	509.916		503.915	508.304	504.800		1177.350	1169.682	1168.180	A125
G11	578.527	573.613	570.321	542.324	533.911		1141.676	1131.151	1132.671	G122
G12	639.977	632.914	629.620	637.819	629.219		581.330	1112.168	1104.669	G121
G13	696.946	676.636	676.341	599.346	590.812	590.340	1084.635	1076.142	1075.650	G120
V14	734.692	728.309	726.877	649.889	640.366	639.874	1056.144	1047.611	1047.139	V119
V15	801.424	802.411	802.412	788.422	788.408		986.412	1026.678	995.097	V118
R16	878.202	874.418	870.992	851.941	850.420		194.693	956.048	941.555	R117
H17	938.488	939.490	938.475	922.476	911.924	911.477	901.542	891.026	891.538	H116
H18	995.027	856.509	886.017	879.010	870.506	870.014	831.012	824.494	824.007	H115
H19	1033.953	1030.914	1029.549	947.949	939.466	938.544	1004.441	993.899	993.466	H114
R20	1077.594	1069.596	1068.594	1051.597	1043.591	1042.261	767.641	699.427	698.636	R113
S21	1091.110	1012.602	1002.110	1006.110	1006.110	1006.109	641.601	635.380	634.888	S112
L22	1097.667	1096.667	1096.667	1111.667	1111.667	1111.667	601.667	591.664	591.171	L111
D23	1154.109	1146.006	1145.124	1148.097	1139.653	1139.151	543.835	535.127	534.630	D110
G24	1202.110	1174.109	1174.110	1196.109	1188.109	1187.109	467.109	474.769	474.269	G109
R25	1246.757	1238.254	1237.752	1240.755	1232.242	1231.752	448.752	450.269	448.777	R108
R26	1310.876	1302.268	1301.862	1314.862	1306.268	1305.769	113.876	368.712	368.222	R107
G27	1339.316	1330.309	1330.311	1303.311	1303.311	1304.309	330.309	327.174	321.846	G106
G28	1363.345	1354.832	1354.340	1417.342	1408.830	1408.337	302.337	293.651	293.171	G105
G29	1489.874	1481.361	1480.869	1448.872	1440.360	1439.867	347.360	344.144	343.644	G104
R30	1549.437	1538.504	1538.432	1539.435	1530.502	1530.432	100.432	174.111	165.605	R103
T31	1695.961	1687.448	1686.956	1688.959	1681.445	1680.953	98.445	94.504	87.059	T102
A12	1831.488	1822.608	1822.472	1849.477	1836.654	1836.472	45.511	0.504	0.504	A101

sp | Q3THW5 | H2AV_MOUSE

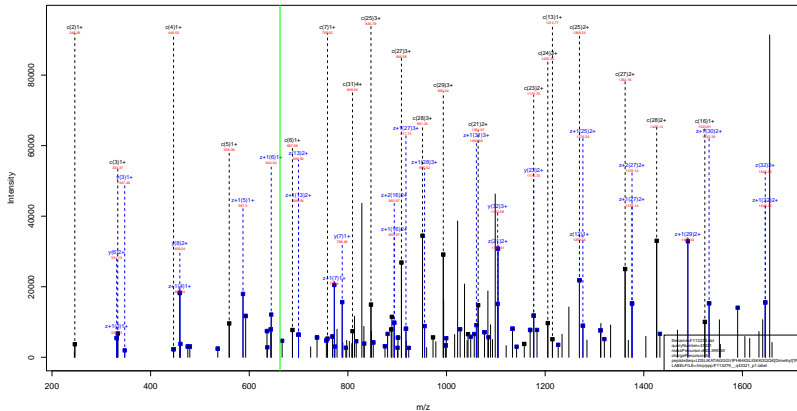
LDSLKATIAGGGVIPHIHKSLLIGKKGQQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=39.72
- ▶ F113279.dat
- ▶ query=q43316.p1
- ▶ precursor=827.746920
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ⁺	a ⁺ Δ	b	b ⁺	b ⁺ Δ	y	y ⁺	y ⁺ Δ	AA
L1	26.970	0.829	0.672	38.702	0.872	0.822	110.282	1109.948	1097.211	L121
D121	87.973	0.829	61.709	77.044	0.872	71.049	1065.620	1059.954	1059.826	Q131
S131	96.923	0.829	93.723	108.093	0.872	100.921	1057.297	1101.813	1101.984	S130
L14	114.418	0.829	128.437	143.720	0.872	137.748	998.276	1002.273	1120	L120
T151	172.113	0.829	186.132	201.844	0.872	191.841	991.252	994.508	1054.118	L281
R161	214.611	2.091	239.897	224.143	2.186	215.117	922.887	937.211	1018.933	R221
A171	238.400	1.021	252.489	247.921	1.021	242.146	911.811	890.181	874.513	A120
L181	272.213	2.091	298.469	281.504	2.186	275.530	856.510	850.834	850.506	L120
L191	296.978	2.091	323.692	304.599	2.186	311.512	847.252	831.335	816.824	L281
A110	311.946	1.021	327.414	342.398	1.021	331.414	785.132	779.451	779.120	A120
G111	332.353	346.878	346.570	361.895	356.310	351.891	761.453	755.778	755.450	G221
G121	372.853	1.021	387.821	399.897	1.021	391.838	742.446	742.446	742.446	G221
G131	390.598	394.394	394.524	399.899	394.234	393.938	723.438	717.764	717.436	G201
V141	423.591	427.939	427.939	432.922	427.267	426.919	704.432	698.758	698.428	V119
I151	461.285	455.616	455.282	470.617	464.941	464.613	671.409	665.734	665.404	I121
F114	493.678	497.987	497.987	502.969	497.302	496.983	653.714	628.038	627.711	F121
R117	536.123	533.647	533.121	540.694	542.979	542.691	601.383	595.698	595.369	R110
L118	577.617	571.382	571.021	586.389	580.673	580.341	555.677	550.002	549.674	L121
R119	622.164	617.881	618.199	620.829	626.369	626.891	541.866	532.389	531.979	R114
K120	665.902	659.726	659.365	674.113	669.599	669.278	472.259	465.621	465.293	K118
S121	694.411	688.297	688.499	692.244	688.693	687.749	429.588	423.922	423.594	S112
L122	732.597	728.422	728.104	741.439	736.154	735.411	400.007	394.912	394.584	L111
L123	768.924	764.429	764.429	776.135	773.458	773.130	400.007	394.912	394.584	L101
G124	788.859	784.134	782.898	798.141	792.459	792.117	336.181	318.522	318.184	G101
K125	831.507	826.829	826.829	830.277	835.183	834.839	336.181	300.515	300.187	K101
K126	874.360	868.538	868.202	883.537	877.823	877.823	281.959	287.814	287.486	K101
G127	893.213	887.537	887.201	892.544	896.999	896.514	240.794	245.133	244.791	G101
G128	915.899	910.224	909.898	915.211	919.595	919.227	201.797	196.111	195.783	G101
G129	938.585	932.928	932.592	937.917	942.241	941.813	158.103	153.428	153.097	G101
K130	1209.072	1204.962	1204.624	1209.994	1216.213	1215.923	118.424	113.749	113.411	K101
L131	1384.100	1378.834	1378.308	1383.642	1389.366	1389.839	64.572	61.871	61.540	L101
A132	1387.989	1382.513	1381.988	1387.521	1393.045	1393.131	30.660	31.872	31.872	A101

sp | Q3THW5 | H2AV_MOUSE

LDSLIKATIAGGGVIPHIHKSLLIGKKGQQK Dimethyl TA 28.03



sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLLIGKKGQQK^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.95
- ▶ F113279.dat
- ▶ query=q43321.p1
- ▶ precursor=662.399740
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
L	1	111.118	1307.958	1591.939	0.000	1260.931	L[32]
D	2	246.145	3194.874	3178.855	0.000	3177.847	D[31]
S	3	333.177	3079.847	3061.828	0.000	3062.820	S[30]
L	4	446.261	2992.815	2976.796	0.000	2975.788	L[29]
L	5	559.345	2879.731	2863.712	0.000	2862.704	L[28]
K	6	607.440	2766.646	2750.628	0.000	2749.620	K[27]
A	7	758.477	2638.562	2622.533	2623.541	2621.525	A[26]
T	8	859.525	2567.514	2551.490	2552.504	2550.488	T[25]
I	9	972.609	2466.467	2450.448	2451.456	2449.440	I[24]
A	10	1043.646	2353.383	2337.364	2338.372	2336.356	A[23]
G	11	1100.697	2262.346	2246.327	2247.335	2245.319	G[22]
G	12	1157.689	2178.324	2209.305	2210.313	2208.298	G[21]
G	13	1214.710	2108.303	2152.284	2153.292	2151.276	G[20]
V	14	1313.779	2111.281	2095.262	2096.270	2094.255	V[19]
I	15	1426.863	2032.213	1996.194	1997.202	1995.188	I[18]
P	16	1523.916	1899.129	1883.110	1884.118	1882.102	P[17]
K	17	1660.074	1802.076	1786.057	1787.065	1785.049	K[16]
I	18	1774.859	1805.017	1848.998	1850.006	1847.990	I[15]
H	19	1911.117	1551.933	1535.914	1536.922	1534.906	H[14]
K	20	2039.212	1414.874	1398.855	1399.863	1397.847	K[13]
S	21	2126.244	1286.779	1270.760	1271.768	1269.753	S[12]
L	22	2239.328	1199.747	1183.728	1184.736	1182.720	L[11]
L	23	2352.413	1088.663	1070.644	1071.652	1069.636	L[10]
G	24	2469.434	973.579	957.560	958.568	956.552	G[9]
K	25	2537.529	916.557	900.539	901.547	899.531	K[8]
K	26	2665.624	788.462	772.444	773.452	771.436	K[7]
G	27	2722.645	660.368	644.349	645.357	643.341	G[6]
Q	28	2850.704	603.349	587.327	588.335	586.320	Q[5]
Q	29	2978.763	475.287	459.269	460.277	458.261	Q[4]
K	30	3134.889	347.229	331.210	332.218	330.202	K[3]
L	31	3235.937	191.103	185.084	176.092	174.076	L[2]
A	32	3306.974	90.055	74.036	75.044	73.028	A[1]

sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLLIGKKGQQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=85.95
- ▶ F113279.dat
- ▶ query=q43321.p1
- ▶ precursor=662.399740
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
L	1	86.083	1654.482	1646.473	0.504	1646.969	L[32]
D	2	123.576	1597.046	1589.931	0.504	1579.427	D[31]
S	3	167.092	1540.427	1532.418	0.504	1531.914	S[30]
L	4	223.634	1496.911	1488.902	0.504	1488.398	L[29]
I	5	280.176	1440.389	1432.360	0.504	1431.856	I[28]
K	6	344.224	1393.873	1375.818	0.504	1376.321	K[27]
A	7	379.742	1319.779	1311.770	1312.274	1311.265	A[26]
T	8	430.266	1284.261	1276.251	1276.755	1275.748	T[25]
I	9	486.808	1233.737	1225.728	1226.232	1225.224	I[24]
A	10	522.327	1177.195	1169.186	1169.690	1168.682	A[23]
G	11	558.837	1141.676	1133.667	1134.171	1133.163	G[22]
G	12	579.348	1133.166	1125.158	1125.662	1124.654	G[21]
G	13	607.859	1084.655	1076.646	1077.149	1076.142	G[20]
V	14	657.393	1056.144	1048.135	1048.639	1047.631	V[19]
I	15	713.935	1006.616	998.601	999.105	998.097	I[18]
P	16	762.461	950.088	942.079	942.583	941.575	P[17]
H	17	830.991	901.542	893.532	894.036	893.028	H[16]
I	18	887.533	833.012	825.003	825.507	824.499	I[15]
H	19	956.052	776.476	768.461	768.965	767.957	H[14]
K	20	1026.110	707.941	699.931	700.435	699.427	K[13]
S	21	1063.626	643.893	635.884	636.388	635.380	S[12]
L	22	1120.168	600.377	592.368	592.872	591.864	L[11]
L	23	1176.710	543.859	535.826	536.330	535.322	L[10]
G	24	1205.221	487.293	479.284	479.788	478.780	G[9]
K	25	1269.268	458.782	450.773	451.277	450.269	K[8]
K	26	1333.316	394.725	386.726	387.229	386.222	K[7]
G	27	1361.826	330.687	322.678	323.182	322.174	G[6]
G	28	1425.856	282.177	284.187	284.691	283.683	G[5]
G	29	1489.895	238.147	230.138	230.642	229.634	G[4]
K	30	1567.948	174.118	166.109	166.613	165.605	K[3]
T	31	1618.472	98.055	88.048	88.550	87.542	T[2]
A	32	1653.000	45.511	37.522	38.026	37.018	A[1]

sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLLIGKKGQQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=85.95
- ▶ F113279.dat
- ▶ query=q43321_p1
- ▶ precursor=662.399740
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1103.324	1097.904	0.672	1097.649	L[32]
D[2]	82.720	1065.629	1060.290	0.672	1059.954	D[31]
S[3]	111.730	1027.287	1021.947	0.672	1021.612	S[30]
L[4]	149.425	998.276	992.937	0.672	992.601	L[29]
T[5]	187.130	960.582	955.242	0.672	954.906	T[28]
K[6]	229.818	922.887	917.547	917.883	917.211	K[27]
A[7]	253.497	880.189	874.849	875.185	874.513	A[26]
T[8]	287.180	856.510	851.170	851.506	850.834	T[25]
I[9]	324.874	822.827	817.488	817.823	817.152	I[24]
A[10]	348.553	785.132	779.793	780.129	779.457	A[23]
G[11]	387.561	761.453	756.114	756.450	755.778	G[22]
G[12]	389.568	742.444	737.107	737.443	736.771	G[21]
G[13]	465.575	723.439	718.099	718.435	717.764	G[20]
V[14]	438.598	704.432	699.092	699.428	698.756	V[19]
I[15]	476.292	671.409	666.070	666.405	665.734	I[18]
P[16]	508.643	633.714	628.375	628.711	628.039	P[17]
H[17]	554.330	601.363	596.024	596.360	595.688	H[16]
T[18]	592.824	555.877	550.538	550.874	550.202	T[15]
H[19]	637.711	517.962	512.643	512.979	512.307	H[14]
K[20]	680.409	472.296	466.957	467.293	466.621	K[13]
S[21]	709.420	429.598	424.258	424.594	423.922	S[12]
L[22]	747.114	400.587	395.248	395.584	394.912	L[11]
T[23]	784.809	362.893	357.553	357.889	357.217	T[10]
G[24]	867.816	325.196	319.856	320.194	319.522	G[9]
T[25]	846.515	306.191	300.851	301.187	300.515	T[8]
K[26]	889.213	263.462	258.123	258.459	257.787	K[7]
G[27]	908.220	230.794	215.454	215.790	215.118	G[6]
Q[28]	950.906	201.787	196.447	196.783	196.111	Q[5]
Q[29]	993.592	159.101	153.761	154.097	153.425	Q[4]
K[30]	1045.634	116.414	111.075	111.411	110.739	K[3]
T[31]	1079.217	64.372	59.033	59.369	58.697	T[2]
A[32]	1102.996	30.690	25.350	25.686	25.014	A[1]

sp | Q3THW5 | H2AV_MOUSE

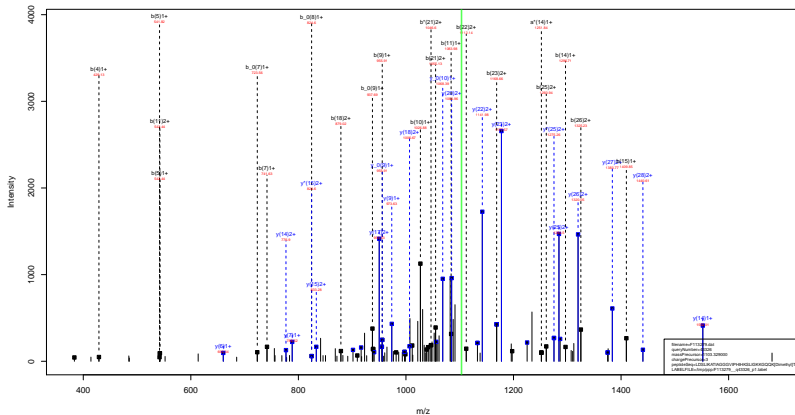
LDSLKATIAGGGVIPHIHKSILIGKKGQQK ^{Dimethyl} 28.03 TA

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=85.95
- ▶ F113279.dat
- ▶ query=q43321.p1
- ▶ precursor=662.399740
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	33.535	827.745	823.760	0.755	823.488	L[12]
D[2]	82.292	799.474	795.469	0.755	795.217	D[11]
S[3]	84.050	770.717	766.712	0.755	766.460	S[30]
L[4]	112.921	748.959	744.954	0.755	744.702	L[29]
I[5]	140.592	720.688	716.683	0.755	716.431	I[28]
K[6]	172.615	692.417	688.412	688.664	688.160	K[27]
A[7]	190.375	660.393	656.389	656.641	656.137	A[26]
T[8]	215.637	642.634	638.629	638.881	638.377	T[25]
I[9]	243.908	617.372	613.367	613.619	613.116	I[24]
A[10]	261.667	589.101	585.096	585.348	584.844	A[23]
G[11]	279.922	571.342	567.337	567.589	567.085	G[22]
G[12]	290.178	557.086	553.082	553.334	552.830	G[21]
G[13]	304.433	542.831	538.826	539.078	538.574	G[20]
V[14]	329.200	528.576	524.571	524.823	524.319	V[19]
I[15]	357.471	503.809	499.804	500.056	499.552	I[18]
P[16]	381.734	475.538	471.533	471.785	471.281	P[17]
H[17]	415.999	451.274	447.270	447.522	447.018	H[16]
I[18]	444.270	417.010	413.005	413.257	412.753	I[15]
H[19]	478.535	388.739	384.734	384.986	384.482	H[14]
K[20]	510.559	364.474	360.469	360.721	360.217	K[13]
S[21]	532.317	332.485	328.480	328.697	328.194	S[12]
L[22]	560.588	300.692	296.688	296.939	296.436	L[11]
I[23]	588.859	272.421	268.417	268.668	268.165	I[10]
G[24]	603.114	244.150	240.146	240.397	239.894	G[9]
K[25]	635.138	229.895	225.890	226.142	225.638	K[8]
K[26]	667.361	197.973	193.968	194.118	193.614	K[7]
G[27]	681.417	165.847	161.843	162.005	161.591	G[6]
Q[28]	713.431	151.592	147.587	147.839	147.335	Q[5]
Q[29]	745.446	119.577	115.573	115.825	115.321	Q[4]
K[30]	769.478	87.563	83.558	83.810	83.306	K[3]
T[31]	809.740	48.531	44.526	44.778	44.274	T[2]
A[32]	827.469	23.269	19.265	19.516	19.013	A[1]

sp | Q3THW5 | H2AV_MOUSE

LDSLIKATIAGGGVIPHIHKSLLIGKKGQQK Dimethyl TA
28.03



sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLLIGKKGQQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=64.29
- ▶ F113279.dat
- ▶ query=q43326.p1
- ▶ precursor=1103.329000
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	y	y*	y,β	AA	
L1	88.900	0.000	0.000	114.801	0.000	0.000	107.950	1300.512	1089.974	L121	
D12	101.717	0.000	101.717	200.718	0.000	0.11180	1918.814	1177.847	1171.803	D131	
S13	200.718	0.000	200.718	315.150	0.000	0.001100	3070.847	1562.520	1561.838	S131	
L14	401.200	0.000	381.220	429.214	0.000	0.111100	3987.838	1879.768	1874.804	L129	
T15	614.154	0.000	490.711	542.318	0.000	0.001100	5081.300	2670.710	2669.704	T161	
R16	814.410	0.001	629.460	744.411	0.001100	0.011400	6700.840	3749.820	3748.820	R171	
A17	1114.406	0.001	839.440	989.441	741.451	174.434	723.440	3870.530	3867.526	A120	
T18	1314.503	7.071	737.477	736.483	864.493	826.472	824.488	3547.514	3550.488	T120	
T19	1514.500	0.000	1037.477	905.577	925.545	938.556	937.572	2400.440	2400.440	T121	
A101	998.624	981.598	1007.611	1028.618	1008.619	1009.619	1009.619	2155.310	2156.300	A122	
G111	1103.548	1038.618	1107.611	1083.641	1098.614	1099.614	1099.614	4700.110	4704.110	G122	
G112	1113.611	1098.611	1108.611	1144.611	1113.611	1113.611	1113.611	2210.110	2209.104	G121	
G113	1109.610	1152.610	1151.610	1107.634	1100.607	1119.610	2456.310	2151.240	2150.267	G120	
V144	1088.587	1251.731	1250.747	1296.752	1270.740	1269.742	2111.201	2044.750	2043.277	V110	
T124	1181.624	1204.625	1203.624	1409.830	1382.610	1381.620	2012.212	1895.188	1894.242	T121	
R125	1314.624	1311.624	1309.624	1454.624	1454.624	1454.624	1454.624	1852.100	1851.118	R121	
H117	1415.624	1391.624	1387.624	1443.644	1430.622	1430.622	1430.622	4100.040	4104.044	H120	
T118	1329.627	1712.611	1711.627	1757.627	1740.605	1739.621	2251.104	1847.990	1847.008	T121	
T119	1306.606	1840.606	1834.606	1894.612	1877.604	1876.609	1876.609	1554.800	1553.822	T120	
R120	1394.610	1972.614	1970.610	2022.618	2006.610	2004.610	2414.614	1367.647	1366.651	R121	
S121	1501.620	2004.618	2001.621	2100.621	2082.611	2081.621	2081.621	1286.778	1288.753	S120	
L122	1594.620	2119.620	2116.620	2209.620	2200.619	2200.619	2200.619	1130.610	1129.608	L111	
T126	2007.621	2296.620	2293.621	2335.620	2316.609	2315.620	2315.620	1040.611	1040.630	1048.852	T121
G124	2014.611	2347.620	2346.611	2392.620	2375.611	2374.611	2374.611	973.579	969.570	958.588	G121
R126	2012.620	2474.621	2474.621	2520.621	2503.610	2502.621	2502.621	915.579	910.574	908.541	R121
R126	2102.621	2515.619	2514.621	2560.621	2543.614	2542.621	2542.621	1714.430	1712.420	R121	
G127	2177.624	2601.619	2600.611	2646.611	2630.610	2629.610	2629.610	660.768	643.741	641.307	G121
G128	2095.611	2708.619	2707.622	2814.617	2814.611	2813.667	840.340	788.320	785.335	G121	
G129	2113.611	2698.619	2697.611	2764.619	2764.619	2763.619	470.310	400.261	397.024	G121	
R130	2098.607	3172.614	3171.611	3117.663	3100.636	3099.607	147.230	300.202	297.218	R121	
T131	3110.610	3173.608	3172.600	3218.610	3201.603	3200.606	101.101	0.000	173.007	T121	
A114	3083.600	3244.600	3243.600	3289.604	3272.601	3271.604	3271.604	90.000	90.000	A121	

sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLLIGKKGQQK ^{Dimethyl} 28.03 TA

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=64.29
- ▶ F113279.dat
- ▶ query=q43326.p1
- ▶ precursor=1103.329000
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	b	b'	y	y'	AA
L1	41.602	0.504	40.504	0.504	1084.488	1084.488	L112
D1	131.081	0.504	81.581	0.504	1084.992	1084.992	D131
S1	144.081	0.504	116.581	0.504	1085.496	1085.496	S144
L14	201.121	0.504	185.121	0.504	1086.000	1086.000	L120
L15	207.661	0.504	191.661	0.504	1086.504	1086.504	L120
T1	211.119	0.504	195.119	0.504	1087.008	1087.008	T211
A1	211.619	0.504	195.619	0.504	1087.512	1087.512	A120
T1	407.759	0.504	396.759	0.504	1088.016	1088.016	T120
E1	408.259	0.504	397.259	0.504	1088.520	1088.520	E120
A10	408.816	0.504	397.816	0.504	1089.024	1089.024	A120
G13	418.271	0.504	413.271	0.504	1089.528	1089.528	G122
G12	420.271	0.504	415.271	0.504	1090.032	1090.032	G122
G13	555.948	0.504	550.948	0.504	1090.536	1090.536	G120
V14	614.602	0.504	609.602	0.504	1091.040	1091.040	V120
E15	662.624	0.504	657.624	0.504	1091.544	1091.544	E120
P16	710.741	0.504	705.741	0.504	1092.048	1092.048	P116
H17	800.800	0.504	795.800	0.504	1092.552	1092.552	H124
L18	889.882	0.504	884.882	0.504	1093.056	1093.056	L120
H18	111.556	0.504	109.556	0.504	1093.560	1093.560	H114
K20	907.550	0.504	902.550	0.504	1094.064	1094.064	K113
S21	1041.115	0.504	1036.115	0.504	1094.568	1094.568	S111
L22	1070.414	0.504	1065.414	0.504	1095.072	1095.072	L111
G23	1154.180	0.504	1149.180	0.504	1095.576	1095.576	G109
G24	1184.712	0.504	1179.712	0.504	1096.080	1096.080	G109
K26	1206.717	0.504	1201.717	0.504	1096.584	1096.584	K109
K26	1111.505	0.504	1106.505	0.504	1097.088	1097.088	K109
G27	1139.116	0.504	1134.116	0.504	1097.592	1097.592	G109
G28	1200.800	0.504	1195.800	0.504	1098.096	1098.096	G109
G29	1407.114	0.504	1402.114	0.504	1098.600	1098.600	G109
K30	1435.817	0.504	1430.817	0.504	1099.104	1099.104	K109
L31	1509.612	0.504	1504.612	0.504	1099.608	1099.608	L109
A32	1631.760	0.504	1626.760	0.504	1099.612	1099.612	A109

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK^{Acetyl}_{42.01} VQKKDGKKRKRSRKE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.31
- ▶ F113279.dat
- ▶ query=q44917.p1
- ▶ precursor=558.051670
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	3900.809	8884.291	0.000	3881.281	P35
D2	230.114	3803.257	3787.238	0.000	3786.230	D34
F3	327.106	3688.230	3672.211	0.000	3671.203	F33
A4	398.203	3591.177	3576.158	0.000	3574.150	A32
K5	538.298	3520.140	3504.121	3836.120	3503.113	K31
S6	613.130	3392.085	3376.066	3377.054	3375.045	S30
A7	684.388	3305.013	3288.994	3290.002	3287.985	A29
F8	781.420	3233.976	3217.957	3218.965	3216.949	F28
A9	852.457	3136.923	3120.904	3121.912	3119.896	A27
F10	949.510	3065.886	3049.867	3050.875	3048.859	F26
K11	1077.605	2988.832	2982.814	2983.822	2981.807	K25
K12	1209.700	2940.786	2924.767	2925.774	2923.758	K24
G13	1262.722	2712.643	2696.624	2697.632	2695.617	G23
S14	1349.754	2655.622	2639.603	2640.611	2638.595	S22
K15	1477.649	2568.590	2552.571	2553.579	2551.563	K21
K16	1605.944	2440.495	2424.476	2425.484	2423.468	K20
A17	1676.981	2312.400	2296.381	2297.389	2295.373	A19
V18	1774.008	2241.363	2225.344	2226.352	2224.336	V18
T19	1877.097	2142.294	2126.275	2127.283	2125.267	T17
K20	2047.202	2041.246	2025.228	2026.236	2024.220	K16
V21	2146.271	1871.141	1855.122	1856.130	1854.114	V15
Q22	2274.230	1772.073	1756.054	1757.062	1755.046	Q14
K23	2462.424	1644.016	1627.997	1629.003	1626.987	K13
K24	2530.319	1515.919	1499.900	1500.908	1498.892	K12
D25	2645.546	1387.824	1371.805	1372.813	1370.799	D11
G26	2702.568	1272.797	1256.778	1257.786	1255.771	G10
K27	2830.663	1215.776	1199.757	1200.765	1198.749	K0
K28	2958.757	1087.681	1071.662	1072.670	1070.654	K9
R29	3114.859	959.585	943.567	944.575	942.559	R7
R30	3212.854	883.485	787.466	788.474	786.458	R6
R31	3399.055	675.390	659.371	660.379	658.363	R5
S32	3486.087	519.289	503.270	504.278	502.262	S4
R33	3642.188	432.257	416.238	417.246	415.230	R3
K34	3770.283	276.155	260.137	261.144	259.129	K2
E35	3899.325	148.060	132.042	133.050	131.034	E1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK^{Acetyl}_{42.01} VQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.31
- ▶ F113279.dat
- ▶ query=q44917.p1
- ▶ precursor=558.051670
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	58.047	1990.658	1942.649	0.504	1942.145	P 35
D 2	115.960	1902.132	1894.123	0.504	1893.619	D 34
P 3	104.697	1844.618	1836.609	0.504	1836.105	P 33
A 4	199.605	1796.092	1788.083	0.504	1787.579	A 32
K 5	263.453	1750.574	1742.564	1753.068	1752.060	K 31
S 6	307.169	1696.526	1688.517	1699.021	1689.013	S 30
A 7	342.697	1653.010	1645.001	1645.505	1644.497	A 29
P 8	391.214	1617.491	1609.482	1609.986	1608.978	P 28
A 9	426.732	1568.965	1560.956	1561.460	1560.452	A 27
P 10	475.250	1533.447	1525.437	1525.941	1524.933	P 26
K 11	539.306	1484.920	1476.911	1477.415	1476.407	K 25
K 12	603.354	1430.893	1419.883	1413.367	1412.359	K 24
G 13	631.804	1386.825	1348.816	1349.320	1348.312	G 23
S 14	675.380	1338.314	1330.305	1320.809	1319.801	S 22
K 15	739.428	1284.798	1276.789	1277.293	1276.285	K 21
K 16	803.475	1220.751	1212.742	1213.246	1212.238	K 20
A 17	838.994	1166.703	1148.694	1149.198	1148.190	A 19
V 18	888.528	1122.365	1113.355	1113.859	1112.852	V 18
T 19	939.052	1071.651	1063.641	1064.145	1063.137	T 17
K 20	1024.105	1021.127	1013.118	1013.621	1012.614	K 16
V 21	1073.639	936.074	928.065	928.569	927.561	V 15
Q 22	1137.668	886.540	878.531	879.034	878.027	Q 14
K 23	1201.716	822.511	814.501	815.005	813.997	K 13
T 24	1255.183	758.463	750.454	750.958	749.950	T 12
D 25	1323.277	694.416	686.406	686.910	685.902	D 11
G 26	1351.797	636.902	628.893	629.397	628.389	G 10
K 27	1415.835	608.391	600.382	600.886	599.878	K 9
K 28	1479.882	544.344	536.335	536.839	535.831	K 8
K 29	1557.833	480.296	472.287	472.791	471.783	K 7
R 30	1623.980	402.246	394.237	394.740	393.732	R 6
R 31	1700.031	338.198	330.189	330.693	329.685	R 5
S 32	1743.547	260.148	252.139	252.642	251.635	S 4
R 33	1821.598	216.632	208.623	209.126	208.119	R 3
K 34	1885.645	138.581	130.572	131.076	130.068	K 2
E 35	1950.166	74.534	66.524	67.028	66.021	E 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK^{Acetyl}_{42.01} VQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.31
- ▶ F113279.dat
- ▶ query=q44917_p1
- ▶ precursor=558.051670
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	±1	±2	z	AA
F 1	39.034	1300.775	1295.435	0.672	1295.099	F 29
D 2	77.376	1268.424	1263.054	0.672	1262.740	D 34
F 3	109.727	1230.081	1224.742	0.672	1224.400	F 33
A 4	134.406	1197.730	1192.391	0.672	1192.055	A 32
K 5	176.104	1174.051	1168.712	1169.048	1169.370	K 31
S 6	205.215	1131.353	1125.014	1124.797	1125.878	S 30
A 7	229.794	1102.942	1097.603	1097.339	1099.599	A 29
F 8	261.145	1079.663	1074.324	1073.660	1072.988	F 28
A 9	284.824	1046.312	1040.973	1041.309	1040.637	A 27
F 10	317.175	1022.633	1017.294	1017.630	1016.958	F 26
K 11	359.873	990.262	984.943	985.279	984.807	K 25
K 12	402.572	947.594	942.255	942.581	941.900	K 24
G 13	421.519	904.895	899.546	899.882	899.210	G 23
S 14	450.589	885.879	880.539	880.875	880.203	S 22
K 15	493.288	856.868	851.529	851.864	851.191	K 21
K 16	535.996	814.170	808.830	809.166	808.484	K 20
A 17	559.665	774.473	769.132	769.466	769.799	A 19
V 18	592.888	747.792	742.453	742.789	742.117	V 18
T 19	626.370	714.770	709.430	709.766	709.094	T 17
K 20	683.072	681.087	675.747	676.081	675.412	K 16
V 21	716.095	624.385	619.046	619.382	618.710	V 15
Q 22	758.781	591.362	586.023	586.359	585.687	Q 14
K 23	801.480	548.676	543.337	543.673	543.001	K 13
K 24	844.119	505.975	500.636	500.974	500.302	K 12
D 25	882.520	463.280	457.940	458.276	457.604	D 11
G 26	901.527	424.937	419.598	419.934	419.262	G 10
K 27	944.226	405.930	400.590	400.926	400.255	K 9
K 28	985.824	363.232	357.892	358.228	357.556	K 8
R 29	1038.659	320.533	315.194	315.530	314.858	R 7
K 30	1081.656	288.500	283.160	283.496	282.824	K 6
R 31	1133.690	225.801	220.462	220.798	220.126	R 5
S 32	1182.700	173.768	168.428	168.764	168.092	S 4
R 33	1218.134	144.757	139.417	139.753	139.082	R 3
T 34	1257.432	92.723	87.384	87.720	87.048	T 2
E 35	1300.447	50.025	44.685	45.021	44.349	E 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl} _{42.01} VQKKDGGKKRKRSRKE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=42.31
- ▶ F113279.dat
- ▶ query=q44917.p1
- ▶ precursor=558.051670
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	975.833	975.833	0.735	0.735	P[15]
D[2]	58.284	951.570	947.560	0.735	0.47.313	D[14]
P[3]	82.547	922.813	918.808	0.735	918.556	P[13]
A[4]	100.306	898.550	894.545	0.735	894.293	A[12]
K[5]	132.430	880.790	876.786	877.038	876.534	K[11]
S[6]	154.088	848.767	844.762	845.014	844.510	S[30]
A[7]	171.847	827.009	823.004	823.256	822.752	A[29]
P[8]	196.111	809.249	805.243	805.497	804.993	P[28]
A[9]	213.870	784.986	780.982	781.233	780.730	A[27]
P[10]	238.133	767.221	763.222	763.814	762.970	P[26]
K[11]	270.157	742.964	738.959	739.211	738.707	K[25]
K[12]	302.180	710.940	706.935	707.187	706.683	K[24]
G[13]	316.436	678.918	674.912	675.164	674.660	G[23]
S[14]	338.194	664.661	660.656	660.908	660.404	S[22]
K[15]	370.218	642.903	638.898	639.150	638.646	K[21]
K[16]	402.241	610.879	606.874	607.126	606.622	K[20]
A[17]	420.001	578.855	574.851	575.103	574.599	A[19]
V[18]	444.768	561.096	557.091	557.343	556.839	V[18]
V[19]	470.030	536.329	532.324	532.576	532.072	V[17]
K[20]	512.556	511.560	507.562	507.814	506.810	K[16]
V[21]	537.323	468.541	464.536	464.788	464.284	V[15]
Q[22]	569.138	443.774	439.769	440.021	439.517	Q[14]
K[23]	601.362	411.759	407.754	408.006	407.502	K[13]
K[24]	633.305	379.735	375.731	375.982	375.479	K[12]
D[25]	662.142	347.711	343.707	343.959	343.455	D[11]
G[26]	676.397	318.955	314.950	315.202	314.698	G[10]
K[27]	708.421	304.699	300.695	300.947	300.443	K[9]
K[28]	740.445	272.676	268.671	268.923	268.419	K[8]
K[29]	779.470	240.652	236.647	236.899	236.395	K[7]
K[30]	811.494	201.627	197.622	197.874	197.370	K[6]
R[31]	850.519	169.603	165.598	165.850	165.346	R[5]
S[32]	872.277	130.578	126.573	126.825	126.321	S[4]
R[33]	911.302	108.620	104.615	104.867	104.363	R[3]
K[34]	943.326	69.794	65.790	66.042	65.538	K[2]
E[35]	975.587	37.771	33.766	34.018	33.514	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSKKAVTK ^{Acetyl}_{42.01} VQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=42.31
- ▶ F113279.dat
- ▶ query=q44917.p1
- ▶ precursor=558.051670
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	23.823	780.888	777.664	0.806	777.462	P[18]
D[2]	46.829	761.451	758.251	0.806	758.052	D[34]
P[3]	56.239	738.452	735.248	0.806	735.046	P[13]
A[4]	50.447	719.041	715.837	0.806	715.636	A[32]
K[5]	106.065	704.834	701.630	701.832	701.428	K[31]
S[6]	123.472	679.215	676.011	676.213	675.809	S[30]
A[7]	137.679	661.808	658.605	658.806	658.403	A[29]
P[8]	157.090	647.601	644.397	644.599	644.196	P[28]
A[9]	171.297	628.190	624.987	625.188	624.785	A[27]
F[10]	180.708	613.983	610.779	610.981	610.578	F[26]
K[11]	218.127	594.572	591.369	591.570	591.167	K[25]
K[12]	281.946	568.951	565.750	565.951	565.548	K[24]
G[13]	283.390	543.334	540.131	540.332	539.929	G[23]
S[14]	270.757	531.930	528.726	528.928	528.525	S[22]
K[15]	296.376	514.524	511.320	511.522	511.118	K[21]
K[16]	321.995	488.905	485.701	485.903	485.499	K[20]
A[17]	338.202	463.286	460.082	460.284	459.880	A[19]
V[18]	356.016	449.078	445.875	446.076	445.673	V[18]
V[19]	378.225	429.265	426.061	426.262	425.859	V[17]
L[20]	410.248	409.055	405.851	406.053	405.650	L[16]
V[21]	430.060	375.034	371.830	372.032	371.629	V[15]
Q[22]	456.672	355.220	352.017	352.218	351.815	Q[14]
K[23]	481.291	329.609	326.405	326.606	326.203	K[13]
K[24]	506.910	303.990	300.786	300.987	300.584	K[12]
D[25]	529.915	278.371	275.167	275.368	274.965	D[11]
G[26]	541.319	255.365	252.161	252.363	251.960	G[10]
K[27]	566.938	243.961	240.757	240.959	240.556	K[9]
K[28]	582.357	218.342	215.138	215.340	214.937	K[8]
K[29]	623.778	192.723	189.519	189.721	189.318	K[7]
K[30]	649.397	161.503	158.299	158.501	158.097	K[6]
R[31]	680.617	135.884	132.680	132.882	132.478	R[5]
S[32]	688.023	104.664	101.460	101.661	101.258	S[4]
R[33]	729.243	87.257	84.053	84.255	83.852	R[3]
K[34]	754.862	56.037	52.833	53.035	52.632	K[2]
E[35]	780.671	30.418	27.214	27.416	27.013	E[1]

sp | Q64525 | H2B2B_MOUSE

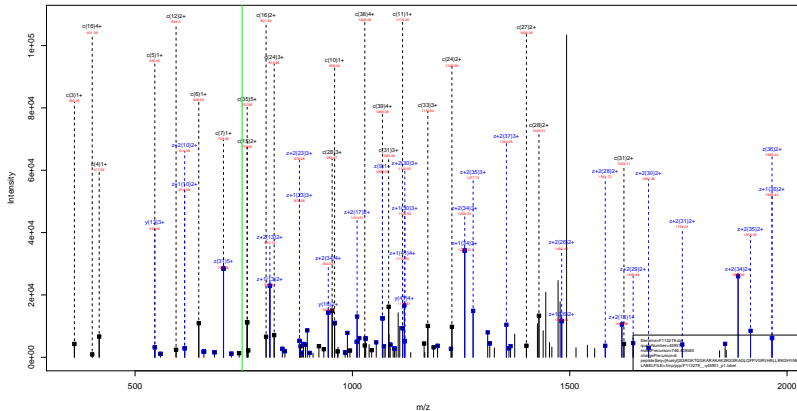
PDKASAPAPKKGSKKAVTK^{Acetyl}_{42.01} VQKKDGGKRRKRSRKE

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=42.31
- ▶ F113279.dat
- ▶ query=q44917.p1
- ▶ precursor=558.051670
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	20.020	050.891	048.221	0.839	048.053	P[15]
D[2]	39.192	034.715	032.040	0.839	031.878	D[14]
P[3]	55.367	015.544	012.875	0.839	012.707	P[13]
A[4]	67.207	599.869	596.659	0.839	596.531	A[12]
K[5]	86.556	567.529	584.860	585.026	584.692	K[11]
S[6]	103.061	566.180	563.510	563.678	563.342	S[30]
A[7]	114.901	551.675	549.005	549.173	548.837	A[29]
P[8]	131.076	539.835	537.166	537.334	536.998	P[28]
A[9]	142.916	521.660	520.990	521.158	520.822	A[27]
P[10]	159.091	511.520	509.151	509.319	508.983	P[26]
K[11]	180.440	496.645	492.975	493.143	492.807	K[25]
K[12]	201.789	474.296	471.626	471.794	471.458	K[24]
G[13]	211.293	492.947	490.277	490.445	489.109	G[23]
S[14]	225.798	443.443	440.773	440.941	440.605	S[22]
K[15]	247.147	426.938	426.268	426.436	426.100	K[21]
K[16]	268.497	407.589	404.919	405.087	404.751	K[20]
A[17]	280.336	386.239	383.570	383.738	383.402	A[19]
V[18]	296.648	374.400	371.730	371.898	371.562	V[18]
T[19]	313.089	357.068	355.219	355.387	355.051	T[17]
K[20]	342.040	341.047	338.377	338.545	338.209	K[16]
V[21]	358.551	312.696	310.026	310.194	309.858	V[15]
Q[22]	379.894	296.185	293.515	293.683	293.347	Q[14]
K[23]	401.243	274.842	272.172	272.340	272.004	K[13]
K[24]	422.593	253.493	250.823	250.991	250.655	K[12]
D[25]	441.764	232.143	229.474	229.642	229.306	D[11]
G[26]	451.267	212.972	210.302	210.470	210.134	G[10]
K[27]	472.616	203.469	200.799	200.967	200.631	K[9]
K[28]	483.966	182.120	179.450	179.618	179.282	K[8]
K[29]	519.952	160.770	158.101	158.269	157.933	K[7]
K[30]	541.132	134.753	132.084	132.252	131.916	K[6]
R[31]	567.349	113.404	110.735	110.903	110.567	R[5]
S[32]	581.854	87.387	84.718	84.886	84.550	S[4]
R[33]	607.871	72.882	70.212	70.380	70.044	R[3]
K[34]	629.220	46.865	44.196	44.363	44.028	K[2]
E[35]	650.727	25.516	22.846	23.014	22.678	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHLLRKGHYAE



sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.84
- ▶ F113279.dat
- ▶ query=q45951.p1
- ▶ precursor=746.428560
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#±1	#±2	z	AA	
S	1	147.076	4473.525	4487.400	4.800	4485.480	S[1]
G	2	204.098	4344.473	4328.454	4.000	4327.446	G[2]
R	3	360.199	4287.461	4271.432	4272.440	4270.425	R[3]
G	4	417.220	4131.350	4115.331	4116.339	4114.323	G[4]
K	5	545.315	4074.329	4058.310	4059.318	4057.302	K[5]
T	6	646.363	3946.234	3930.215	3931.223	3929.207	T[6]
G	7	703.385	3845.199	3829.187	3830.178	3829.159	G[7]
G	8	760.406	3788.164	3772.146	3773.153	3771.138	G[8]
K	9	888.501	3731.143	3715.124	3716.132	3714.116	K[9]
A	10	959.538	3603.048	3587.029	3588.037	3586.021	A[10]
R	11	1115.639	3532.011	3515.992	3517.000	3514.984	R[11]
A	12	1186.676	3378.919	3362.901	3363.899	3362.883	A[12]
K	13	1314.771	3304.873	3288.854	3289.862	3287.846	K[13]
A	14	1385.808	3178.778	3162.759	3163.767	3161.751	A[14]
K	15	1513.903	3105.741	3089.722	3090.730	3088.714	K[15]
S	16	1600.935	2977.646	2961.627	2962.635	2960.619	S[16]
R	17	1757.027	2890.614	2874.595	2875.603	2873.587	R[17]
S	18	1844.059	2754.512	2738.493	2739.502	2737.486	S[18]
S	19	1931.101	2647.480	2631.462	2632.470	2630.454	S[19]
R	20	2087.202	2560.448	2544.430	2545.437	2543.421	R[20]
A	21	2138.239	2404.347	2388.329	2389.336	2387.321	A[21]
G	22	2215.260	2333.310	2317.291	2318.299	2316.284	G[22]
L	23	2325.344	2278.289	2262.270	2263.278	2261.262	L[23]
Q	24	2456.403	2163.255	2147.236	2148.244	2146.229	Q[24]
F	25	2603.471	2035.148	2019.129	2020.136	2018.120	F[25]
F	26	2700.524	1888.078	1872.059	1873.067	1871.051	F[26]
V	27	2799.592	1791.025	1775.006	1776.014	1774.998	V[27]
G	28	2856.614	1691.995	1675.976	1676.984	1674.968	G[28]
R	29	3012.115	1534.935	1518.916	1619.924	1517.900	R[29]
V	30	3111.283	1478.874	1462.855	1463.863	1461.847	V[30]
H	31	3246.842	1378.795	1363.747	1364.755	1362.739	H[31]
R	32	3404.943	1242.707	1226.668	1227.676	1225.660	R[32]
L	33	3518.028	1086.605	1070.587	1071.595	1069.579	L[33]
L	34	3633.112	973.521	957.502	958.510	956.494	L[34]
R	35	3707.213	869.437	844.419	845.426	843.411	R[35]
K	36	3915.308	704.338	688.319	689.327	687.311	K[36]
G	37	3972.329	676.241	660.223	661.230	659.215	G[37]
H	38	4109.388	619.220	603.201	604.209	602.193	H[38]
V	39	4272.451	582.161	566.142	567.150	565.134	V[39]
A	40	4343.489	519.098	503.079	504.087	502.071	A[40]
E	41	4472.531	148.060	132.042	133.050	131.034	E[41]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGGHYAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.84
- ▶ F113279.dat
- ▶ query=q45951.p1
- ▶ precursor=746.428560
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2737.361	2729.257	0.504	2728.740	S[41]
G	2	102.553	2172.740	2164.731	0.504	2164.227	G[40]
R	3	180.603	2144.929	2138.220	2138.724	2135.718	R[39]
G	4	209.114	2096.179	2058.169	2058.673	2057.669	G[38]
K	5	273.161	2037.668	2029.659	2030.162	2029.155	K[37]
T	6	313.688	1973.620	1965.611	1966.114	1965.107	T[36]
G	7	352.198	1923.997	1915.987	1915.591	1914.585	G[35]
G	8	380.707	1894.586	1886.576	1887.080	1886.073	G[34]
K	9	444.754	1866.075	1858.066	1858.570	1857.562	K[33]
A	10	480.273	1802.028	1794.018	1794.522	1793.514	A[32]
R	11	558.323	1786.509	1778.500	1759.064	1757.066	R[31]
A	12	593.842	1698.459	1690.449	1680.953	1679.945	A[30]
R	13	657.889	1652.940	1644.931	1645.435	1644.427	R[29]
A	14	693.408	1588.892	1580.883	1581.387	1580.379	A[28]
K	15	757.455	1503.374	1545.365	1545.868	1544.861	K[27]
S	16	800.971	1489.335	1481.317	1481.821	1480.813	S[26]
R	17	879.622	1445.810	1437.801	1438.305	1437.297	R[25]
S	18	922.538	1309.760	1359.750	1360.254	1359.246	S[24]
S	19	966.054	1324.244	1316.234	1316.738	1315.731	S[23]
R	20	1044.104	1380.728	1272.719	1273.222	1272.215	R[22]
A	21	1079.623	1202.677	1194.668	1195.172	1194.164	A[21]
G	22	1108.134	1167.159	1159.149	1159.653	1158.645	G[20]
L	23	1164.676	1138.640	1130.630	1131.134	1130.126	L[19]
G	24	1228.705	1092.106	1074.097	1074.601	1073.593	G[18]
F	25	1402.239	1018.077	1010.067	1010.571	1009.563	F[17]
P	26	1350.766	944.542	938.533	937.037	936.029	P[16]
V	27	1400.300	896.016	888.007	888.511	887.503	V[15]
G	28	1428.811	846.482	838.473	838.976	837.969	G[14]
D	29	1506.861	817.971	809.962	810.466	809.458	D[13]
L	30	1596.366	739.921	731.911	732.415	731.407	L[12]
H	31	1624.925	690.385	682.377	682.881	681.873	H[11]
R	32	1702.975	611.857	613.848	614.351	613.344	R[10]
L	33	1759.517	543.808	535.797	536.301	535.293	L[9]
L	34	1816.059	487.264	479.255	479.759	478.751	L[8]
R	35	1884.110	438.722	427.713	423.217	422.209	R[7]
K	36	1958.157	352.672	344.662	345.166	344.158	K[6]
G	37	1986.668	288.624	280.615	281.119	280.111	G[5]
H	38	2065.198	260.114	252.104	252.608	251.600	H[4]
V	39	2136.729	191.984	183.975	184.079	183.071	V[3]
A	40	2172.248	110.052	102.043	102.547	101.539	A[2]
E	41	2236.789	74.534	66.524	67.028	66.021	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGGHYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.84
- ▶ F113279.dat
- ▶ query=q45951.p1
- ▶ precursor=746.428560
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#±1	#±2	z	AA	
S	1	49.697	1391.843	1488.505	0.672	1489.167	S[1]
G	2	66.704	1448.826	1443.480	0.672	1443.154	G[2]
R	3	130.718	1420.822	1424.482	1424.818	1424.146	R[3]
G	4	139.745	1377.788	1372.449	1372.785	1372.113	G[38]
K	5	182.443	1338.781	1351.441	1353.777	1351.105	K[37]
T	6	238.126	1316.083	1310.743	1311.679	1310.401	T[36]
G	7	251.133	1298.836	1277.081	1277.397	1276.725	G[35]
G	8	254.140	1263.901	1258.053	1258.389	1257.717	G[34]
K	9	296.839	1244.388	1239.046	1239.382	1238.710	K[33]
A	10	320.518	1201.688	1196.348	1196.684	1196.012	A[32]
R	11	372.551	1178.008	1172.668	1173.004	1172.333	R[31]
A	12	389.230	1138.919	1123.635	1120.971	1120.299	A[30]
K	13	438.920	1102.296	1096.956	1097.292	1096.620	K[29]
A	14	482.608	1059.597	1054.258	1054.594	1053.922	A[28]
K	15	509.306	1035.918	1030.579	1030.915	1030.243	K[27]
S	16	534.317	993.220	987.880	988.216	987.545	S[26]
R	17	586.250	984.200	958.870	958.206	958.534	R[25]
S	18	618.981	912.179	906.839	907.179	906.507	S[24]
S	19	644.372	883.165	877.825	878.161	877.489	S[23]
R	20	696.405	854.154	848.815	849.151	848.479	R[22]
A	21	728.084	802.121	796.781	797.117	796.445	A[21]
G	22	739.892	778.442	773.102	773.438	772.766	G[20]
L	23	770.788	759.431	754.091	754.431	753.759	L[19]
G	24	819.472	721.740	716.400	716.736	716.064	G[18]
F	25	868.495	679.054	673.714	674.050	673.378	F[17]
F	26	900.946	630.031	624.691	625.027	624.355	F[16]
V	27	933.869	597.680	592.340	592.676	592.004	V[15]
G	28	952.876	556.051	550.711	551.051	550.381	G[14]
K	29	1004.919	545.650	540.310	540.646	539.974	K[13]
V	30	1037.933	491.616	486.276	486.613	485.941	V[12]
H	31	1083.619	460.593	455.254	455.590	454.918	H[11]
R	32	1135.653	414.907	409.567	409.903	409.232	R[10]
L	33	1173.347	362.873	357.534	357.870	357.198	L[9]
L	34	1211.043	326.179	320.839	321.179	320.507	L[8]
R	35	1253.076	287.484	282.144	282.480	281.808	R[7]
K	36	1305.774	235.460	230.121	230.447	229.775	K[6]
G	37	1364.781	192.752	187.412	187.748	187.076	G[5]
H	38	1370.468	173.745	168.405	168.741	168.069	H[4]
V	39	1424.822	128.098	122.758	123.095	122.423	V[3]
A	40	1448.501	73.304	67.964	68.304	67.632	A[2]
E	41	1491.515	50.025	44.685	45.021	44.349	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.84
- ▶ F113279.dat
- ▶ query=q45951.p1
- ▶ precursor=746.428560
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1119.134	1115.130	0.755	1114.879	S[41]
G[2]	51.780	1086.074	1082.869	0.755	1082.611	G[40]
R[3]	90.805	1072.618	1068.614	1068.866	1068.361	R[39]
G[4]	105.061	1033.593	1029.588	1029.840	1029.339	G[38]
K[5]	137.684	1019.336	1015.333	1015.585	1015.081	K[37]
T[6]	182.388	987.316	983.309	983.561	983.057	T[36]
G[7]	176.692	982.052	978.047	978.299	977.797	G[35]
G[8]	190.857	947.797	943.792	944.044	943.540	G[34]
K[9]	222.881	933.541	929.537	929.789	929.287	K[33]
A[10]	240.640	901.517	897.513	897.765	897.261	A[32]
R[11]	279.665	883.798	879.793	880.005	879.502	R[31]
A[12]	297.425	844.733	840.728	840.980	840.476	A[30]
R[13]	329.448	825.974	822.969	823.221	822.717	R[29]
A[14]	347.208	794.950	790.945	791.197	790.693	A[28]
K[15]	379.231	777.191	773.186	773.438	772.934	K[27]
S[16]	400.989	745.167	741.162	741.414	740.910	S[26]
R[17]	440.215	721.400	717.395	717.647	717.142	R[25]
S[18]	481.713	684.384	680.379	680.631	680.127	S[24]
S[19]	483.531	662.626	658.621	658.873	658.369	S[23]
R[20]	522.956	640.868	636.863	637.115	636.611	R[22]
A[21]	540.315	601.842	597.837	598.090	597.586	A[21]
G[22]	554.571	584.083	580.078	580.330	579.826	G[20]
L[23]	582.842	569.826	565.821	566.073	565.571	L[19]
Q[24]	614.858	541.557	537.552	537.804	537.300	Q[19]
F[25]	651.623	509.942	505.937	506.189	505.685	F[17]
P[26]	675.888	472.775	468.770	469.022	468.518	P[16]
V[27]	700.654	448.512	444.507	444.759	444.255	V[15]
G[28]	714.909	423.745	419.740	419.992	419.488	G[14]
D[29]	753.934	400.488	396.483	396.735	396.231	D[12]
V[30]	778.701	370.489	366.484	366.736	366.231	V[12]
H[31]	812.966	345.697	341.692	341.944	341.440	H[11]
R[32]	851.991	311.432	307.427	307.679	307.175	R[10]
L[33]	880.262	272.407	268.402	268.654	268.150	L[9]
L[34]	908.533	244.136	240.131	240.383	239.879	L[8]
H[35]	947.559	215.865	211.860	212.112	211.608	H[7]
K[36]	979.582	178.940	172.935	173.087	172.583	K[6]
G[37]	993.838	144.816	140.811	141.063	140.559	G[5]
H[38]	1028.102	130.560	126.555	126.808	126.304	H[4]
V[39]	1068.868	96.290	92.291	92.543	92.039	V[3]
A[40]	1086.628	55.530	51.525	51.777	51.273	A[2]
E[41]	1138.888	37.771	33.766	34.018	33.514	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=48.84
- ▶ F113279.dat
- ▶ query=q45951.p1
- ▶ precursor=746.428560
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	395.509	892.305	0.806	892.104	S[41]
G[2]	41.625	500.700	806.497	0.806	806.295	G[40]
R[3]	72.846	858.296	855.092	855.294	854.891	R[39]
G[4]	84.250	827.076	823.872	824.074	823.671	G[38]
K[5]	109.869	815.672	812.468	812.669	812.268	K[37]
T[6]	130.078	790.053	786.849	787.050	786.647	T[36]
G[7]	141.483	769.843	766.639	766.841	766.438	G[35]
G[8]	152.887	758.439	755.235	755.437	755.033	G[34]
K[9]	178.506	737.034	743.831	744.032	743.629	K[33]
A[10]	192.713	721.415	718.212	718.413	718.010	A[32]
R[11]	223.934	707.208	704.004	704.206	703.803	R[31]
A[12]	238.141	675.988	672.784	672.986	672.582	A[30]
K[13]	263.760	661.780	658.577	658.778	658.375	K[29]
A[14]	277.968	636.161	632.958	633.159	632.756	A[28]
K[15]	303.586	621.954	618.750	618.952	618.549	K[27]
S[16]	320.993	596.335	593.131	593.333	592.930	S[26]
R[17]	352.213	578.929	575.725	575.926	575.523	R[25]
S[18]	389.620	527.708	544.503	544.706	544.303	S[24]
S[19]	397.028	530.302	527.098	527.300	526.897	S[23]
R[20]	418.246	512.895	509.692	509.893	509.490	R[22]
A[21]	432.454	481.675	478.472	478.673	478.270	A[21]
G[22]	443.858	467.468	464.264	464.466	464.063	G[20]
L[23]	466.475	456.064	452.860	453.061	452.658	L[19]
Q[24]	492.089	433.447	430.243	430.445	430.041	Q[18]
F[25]	521.500	407.835	404.631	404.833	404.430	F[17]
P[26]	540.011	378.421	375.218	375.419	375.016	P[16]
V[27]	560.724	359.011	355.807	356.009	355.605	V[15]
G[28]	572.129	339.191	335.987	336.189	335.782	G[14]
R[29]	603.349	327.793	324.589	324.791	324.388	R[13]
V[30]	623.163	296.573	293.369	293.570	293.167	V[12]
H[31]	650.574	276.759	273.555	273.757	273.354	H[11]
R[32]	681.795	249.347	246.143	246.345	245.942	R[10]
L[33]	704.411	218.127	214.923	215.125	214.722	L[9]
L[34]	727.028	195.510	192.306	192.508	192.105	L[8]
R[35]	758.248	172.893	169.689	169.891	169.488	R[7]
K[36]	783.867	141.673	138.469	138.671	138.268	K[6]
G[37]	795.272	116.054	112.850	113.052	112.649	G[5]
H[38]	822.683	104.650	101.446	101.648	101.244	H[4]
V[39]	855.296	77.238	74.034	74.236	73.833	V[3]
A[40]	869.504	44.625	41.422	41.623	41.220	A[2]
E[41]	895.312	30.418	27.214	27.416	27.013	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.94
- ▶ F113279.dat
- ▶ query=q45955.p1
- ▶ precursor=895.513320
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4473.515	4467.496	0.000	4456.489	S 41
G 2	304.098	4344.473	4328.454	0.000	4327.446	G 40
R 3	360.199	4207.451	4271.432	4272.440	4270.423	R 39
G 4	417.220	4131.350	4115.331	4116.339	4114.323	G 38
K 5	545.315	4074.329	4058.310	4059.318	4057.302	K 37
T 6	646.363	3946.234	3930.215	3931.223	3929.207	T 36
G 7	703.385	3845.186	3829.167	3830.175	3828.159	G 35
G 8	760.406	3788.164	3772.146	3773.153	3771.138	G 34
K 9	888.501	3731.143	3715.124	3716.132	3714.116	K 33
A 10	955.538	3603.048	3587.029	3588.037	3586.021	A 32
R 11	1115.639	3532.011	3515.992	3517.000	3514.984	R 31
A 12	1186.676	3376.930	3359.911	3360.919	3358.903	A 30
R 13	1353.698	3304.873	3288.854	3289.862	3287.846	R 29
A 14	1385.808	3176.778	3160.759	3161.767	3159.751	A 28
K 15	1513.903	3105.741	3089.722	3090.730	3088.714	K 27
S 16	1600.935	2977.646	2961.627	2962.635	2960.619	S 26
R 17	1757.037	2890.614	2874.595	2875.603	2873.587	R 25
S 18	1844.069	2734.512	2718.494	2719.502	2717.486	S 24
S 19	1931.101	2647.480	2631.462	2632.470	2630.454	S 23
R 20	2087.202	2560.448	2544.430	2545.437	2543.421	R 22
A 21	2158.239	2404.347	2388.329	2389.336	2387.321	A 21
G 22	2215.260	2333.310	2317.291	2318.299	2316.284	G 20
L 23	2328.344	2276.289	2260.270	2261.278	2259.262	L 19
G 24	2459.403	2183.256	2167.238	2168.246	2166.231	G 18
F 25	2603.471	2036.146	2019.127	2020.135	2018.120	F 17
P 26	2700.524	1888.078	1872.059	1873.067	1871.051	P 16
V 27	2799.592	1791.025	1775.006	1776.014	1774.998	V 15
G 28	2856.614	1691.956	1675.938	1676.946	1674.930	G 14
R 29	3012.715	1634.935	1618.916	1619.924	1617.908	R 13
V 30	3113.783	1476.834	1460.815	1461.823	1460.807	V 12
H 31	3248.842	1379.765	1363.747	1364.755	1362.739	H 11
R 32	3404.943	1242.707	1226.688	1227.696	1225.680	R 10
L 33	3518.026	1086.605	1070.587	1071.595	1069.579	L 9
L 34	3611.112	973.521	957.503	958.510	956.495	L 8
R 35	3787.213	860.437	844.419	845.426	843.411	R 7
K 36	3819.268	754.336	738.317	739.325	737.310	K 6
G 37	3972.329	576.241	560.221	561.230	559.215	G 5
H 38	4109.388	519.220	503.201	504.209	502.193	H 4
V 39	4272.451	382.161	366.142	367.150	365.134	V 3
A 40	4343.489	219.098	203.079	204.087	202.071	A 2
E 41	4472.531	148.060	132.042	133.050	131.034	E 1

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.94
- ▶ F113279.dat
- ▶ query=q45955.p1
- ▶ precursor=895.513320
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2237.241	2229.255	8.804	2238.746	S[1]
G	2	102.553	2172.740	2164.731	0.504	2164.277	G[2]
R	3	180.603	2144.229	2136.230	2136.724	2135.710	R[3]
G	4	209.114	2096.179	2088.169	2088.673	2087.665	G[4]
K	5	273.161	2037.668	2029.659	2030.162	2029.155	K[5]
T	6	323.695	1973.620	1965.611	1966.115	1965.107	T[6]
G	7	352.196	1925.091	1915.087		1914.583	G[7]
G	8	380.707	1874.588	1866.576	1867.080	1866.073	G[8]
K	9	444.754	1866.075	1858.066	1858.570	1857.562	K[9]
A	10	480.273	1802.028	1794.018	1794.522	1793.514	A[10]
R	11	558.223	1766.509	1758.500	1759.004	1757.996	R[11]
A	12	603.692	1688.959	1680.949	1670.937	1670.945	A[12]
K	13	657.889	1652.940	1644.931	1645.435	1644.427	K[13]
A	14	693.458	1588.902	1580.893	1581.397	1580.379	A[14]
K	15	757.455	1553.374	1545.365	1545.868	1544.861	K[15]
S	16	805.971	1489.320	1481.317	1481.821	1480.813	S[16]
R	17	879.672	1445.810	1437.801	1438.305	1437.297	R[17]
S	18	927.538	1387.760	1379.750	1380.254	1379.246	S[18]
S	19	966.054	1324.244	1316.234	1316.738	1315.731	S[19]
R	20	1044.104	1280.728	1272.718	1273.222	1272.215	R[20]
A	21	1079.623	1202.677	1194.668	1195.172	1194.164	A[21]
G	22	1108.134	1167.159	1159.149	1159.653	1158.645	G[22]
L	23	1187.678	1138.649	1130.639	1131.143	1130.135	L[23]
G	24	1228.705	1082.156	1074.147	1074.651	1073.593	G[24]
F	25	1302.239	1018.077	1010.067	1010.571	1009.563	F[25]
F	26	1350.766	944.543	936.533	937.037	936.029	F[26]
V	27	1400.300	896.016	888.007	888.511	887.503	V[27]
G	28	1438.811	846.492	838.473	838.977	837.969	G[28]
R	29	1508.663	811.911	803.902	810.406	809.400	R[29]
V	30	1556.395	759.021	751.011	752.015	751.007	V[30]
H	31	1624.925	690.388	682.377	682.881	681.873	H[31]
R	32	1702.975	621.857	613.848	614.351	613.344	R[32]
L	33	1769.517	643.808	635.797	636.301	635.293	L[33]
L	34	1818.668	482.264	474.253	474.757	473.751	L[34]
R	35	1894.110	433.722	425.713	426.217	425.210	R[35]
K	36	1958.157	352.672	344.662	345.166	344.158	K[36]
G	37	1988.668	288.624	280.615	281.119	280.111	G[37]
H	38	2055.198	260.114	252.104	252.608	251.600	H[38]
V	39	2136.729	191.584	183.575	184.079	183.071	V[39]
A	40	2172.246	110.054	102.045	102.549	101.541	A[40]
E	41	2238.769	74.534	66.524	67.028	66.021	E[41]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGGHYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=56.94
- ▶ F113279.dat
- ▶ query=q45955.p1
- ▶ precursor=895.513320
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	493.697	1491.843	1486.504	0.872	1488.167	S[1]
G	2	66.704	1448.825	1443.487	0.672	1443.154	G[2]
R	3	1307.748	1429.822	1424.482	1424.818	1424.146	R[3]
G	4	139.745	1377.769	1372.449	1372.785	1372.111	G[38]
K	5	182.443	1338.781	1333.441	1353.777	1353.105	K[37]
T	6	236.126	1316.083	1310.743	1311.079	1310.401	T[36]
G	7	255.133	1296.436	1291.096	1291.397	1290.725	G[35]
G	8	254.140	1263.931	1258.053	1258.389	1257.717	G[34]
K	9	296.639	1244.388	1239.048	1239.382	1238.710	K[33]
A	10	320.518	1201.688	1196.348	1196.684	1196.012	A[32]
R	11	372.551	1178.008	1172.669	1173.005	1172.333	R[31]
A	12	389.230	1138.919	1133.579	1133.914	1133.242	A[30]
K	13	438.929	1102.296	1096.956	1097.292	1096.620	K[29]
A	14	482.608	1059.597	1054.257	1054.594	1053.922	A[28]
K	15	505.306	1035.918	1030.578	1030.915	1030.243	K[27]
S	16	534.317	993.220	987.880	988.216	987.543	S[26]
R	17	586.250	954.200	956.870	959.206	958.534	R[25]
S	18	615.261	912.179	906.839	907.172	906.500	S[24]
S	19	644.372	883.165	877.825	878.161	877.489	S[23]
R	20	696.405	854.154	848.815	849.151	848.479	R[22]
A	21	720.084	802.121	796.781	797.117	796.445	A[21]
G	22	759.092	778.442	773.102	773.438	772.766	G[20]
L	23	776.388	759.434	754.094	754.431	753.759	L[19]
G	24	819.472	721.740	716.400	716.736	716.064	G[18]
F	25	868.495	679.054	673.714	674.050	673.378	F[17]
F	26	900.946	630.031	624.691	625.027	624.355	F[16]
V	27	933.869	597.680	592.340	592.676	592.004	V[15]
G	28	952.876	558.051	552.711	553.047	552.375	G[14]
R	29	1004.910	545.650	540.310	540.646	539.974	R[13]
V	30	1037.933	491.616	486.276	486.613	485.941	V[12]
H	31	1083.619	460.593	455.253	455.589	454.917	H[11]
R	32	1135.653	414.907	409.567	409.903	409.231	R[10]
L	33	1173.347	362.873	357.533	357.870	357.198	L[9]
L	34	1211.043	326.179	320.839	321.175	320.503	L[8]
R	35	1253.076	287.484	282.144	282.480	281.808	R[7]
K	36	1305.774	235.460	230.120	230.457	229.785	K[6]
G	37	1344.781	192.752	187.412	187.748	187.076	G[5]
H	38	1370.468	173.745	168.405	168.741	168.069	H[4]
V	39	1424.822	128.098	122.758	123.094	122.422	V[3]
A	40	1448.825	73.304	67.964	68.300	67.628	A[2]
E	41	1491.515	50.025	44.685	45.021	44.349	E[1]

sp | P27661 | H2AX_MOUSE

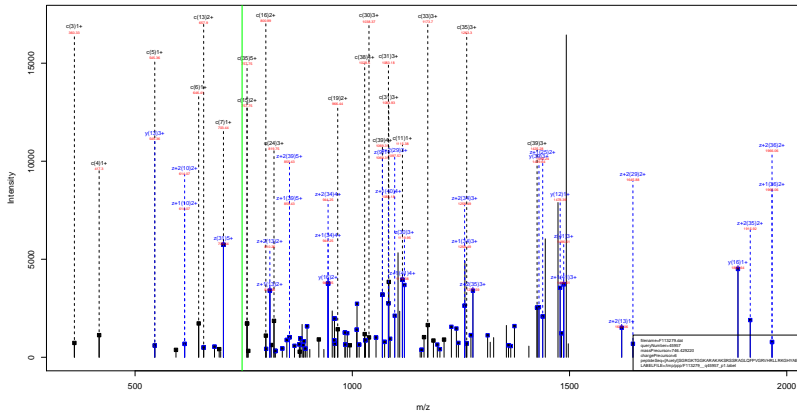
[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=56.94
- ▶ F113279.dat
- ▶ query=q45955.p1
- ▶ precursor=895.513320
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1119.134	1115.130	0.755	1114.879	S[41]
G[2]	51.780	1088.974	1082.969	0.755	1082.617	G[40]
R[3]	90.805	1072.618	1068.614	1068.866	1068.361	R[30]
G[4]	105.061	1033.593	1029.588	1029.840	1029.336	G[38]
K[5]	137.084	1019.336	1015.333	1015.585	1015.081	K[37]
T[6]	182.388	997.314	993.309	993.561	993.057	T[36]
G[7]	226.002	962.052	958.047	958.299	957.795	G[35]
G[8]	290.257	947.797	943.792	944.044	943.540	G[34]
K[9]	222.881	933.541	929.537	929.789	929.285	K[33]
A[10]	240.640	901.517	897.513	897.765	897.261	A[32]
R[11]	278.665	881.795	879.753	880.005	879.502	R[31]
A[12]	297.425	844.733	840.728	840.980	840.476	A[30]
R[13]	329.448	825.974	822.969	823.221	822.717	R[29]
A[14]	347.208	794.950	790.945	791.197	790.693	A[28]
K[15]	379.231	777.191	773.186	773.438	772.934	K[27]
S[16]	400.989	745.167	741.162	741.414	740.910	S[26]
R[17]	440.215	721.400	719.406	719.658	719.154	R[25]
S[18]	481.718	694.384	690.379	690.631	690.127	S[24]
S[19]	483.531	662.626	658.621	658.873	658.369	S[23]
R[20]	522.556	640.868	636.863	637.115	636.611	R[22]
A[21]	540.315	601.842	597.838	598.090	597.586	A[21]
G[22]	554.571	584.083	580.078	580.330	579.826	G[20]
L[23]	582.842	569.826	565.823	566.075	565.571	L[19]
Q[24]	614.058	541.557	537.552	537.804	537.300	Q[19]
F[25]	651.623	509.542	505.537	505.789	505.285	F[17]
P[26]	675.888	472.775	468.770	469.022	468.518	P[16]
V[27]	700.654	448.512	444.507	444.759	444.255	V[15]
G[28]	714.909	423.745	419.740	419.992	419.488	G[14]
D[29]	753.034	400.488	396.483	396.735	396.231	D[12]
V[30]	778.701	370.469	366.464	366.716	366.212	V[12]
H[31]	812.966	345.097	341.092	341.344	340.840	H[11]
R[32]	851.991	311.432	307.427	307.679	307.175	R[10]
L[33]	880.262	272.407	268.402	268.654	268.150	L[9]
L[34]	908.533	244.136	240.131	240.383	239.879	L[8]
R[35]	947.559	215.865	211.860	212.112	211.608	R[7]
K[36]	979.582	178.940	172.935	173.087	172.583	K[6]
G[37]	993.838	144.816	140.811	141.063	140.559	G[5]
H[38]	1028.102	130.560	126.556	126.808	126.304	H[4]
V[39]	1068.868	96.290	92.291	92.543	92.039	V[3]
A[40]	1086.628	55.530	51.525	51.777	51.273	A[2]
E[41]	1118.888	37.771	33.766	34.018	33.514	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE



sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.50
- ▶ F113279.dat
- ▶ query=q45957.p1
- ▶ precursor=746.429220
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4473.515	4457.486	0.000	4450.489	S 41
G 2	204.098	4344.473	4328.454	0.000	4327.446	G 40
R 3	360.199	4287.451	4271.432	4272.440	4270.425	R 39
G 4	417.220	4131.350	4115.331	4116.339	4114.323	G 38
K 5	545.315	4074.328	4058.310	4059.318	4057.302	K 37
T 6	648.343	3946.234	3930.215	3931.223	3929.207	T 36
G 7	703.385	3845.180	3829.161	3830.175	3828.159	G 35
G 8	760.406	3788.164	3772.146	3773.153	3771.138	G 34
K 9	868.501	3731.143	3715.124	3716.132	3714.116	K 33
A 10	959.538	3603.048	3587.029	3588.037	3586.021	A 32
R 11	1115.639	3532.011	3515.992	3517.000	3514.984	R 31
A 12	1188.676	3375.913	3359.894	3360.909	3358.893	A 30
R 13	1314.771	3304.873	3288.854	3289.862	3287.846	R 29
A 14	1385.808	3176.778	3160.759	3161.767	3159.751	A 28
K 15	1511.903	3105.741	3089.722	3090.730	3088.714	K 27
S 16	1600.935	2977.646	2961.627	2962.635	2960.619	S 26
R 17	1757.037	2890.614	2874.595	2875.603	2873.587	R 25
S 18	1844.069	2744.513	2728.494	2729.502	2727.486	S 24
S 19	1931.101	2647.480	2631.461	2632.470	2630.454	S 23
R 20	2087.202	2560.443	2544.424	2545.432	2543.416	R 22
A 21	2158.239	2404.347	2388.329	2389.336	2387.321	A 21
G 22	2215.260	2333.310	2317.291	2318.299	2316.284	G 20
L 23	2328.344	2278.280	2262.260	2263.270	2261.254	L 19
Q 24	2456.403	2163.259	2147.239	2148.244	2146.230	Q 19
F 25	2603.471	2035.146	2019.127	2020.135	2018.120	F 17
P 26	2700.524	1888.078	1872.059	1873.067	1871.051	P 16
V 27	2709.592	1791.025	1775.006	1776.014	1773.999	V 15
G 28	2856.614	1691.956	1675.938	1676.946	1674.930	G 14
R 29	2832.715	1534.878	1518.858	1619.824	1517.842	R 13
V 30	3111.783	1478.834	1462.814	1463.821	1461.807	V 12
H 31	3248.842	1319.765	1303.747	1364.755	1302.739	H 11
R 32	3404.943	1242.707	1226.688	1227.696	1225.680	R 10
L 33	3518.028	1088.605	1070.587	1071.595	1069.579	L 9
L 34	3631.112	973.521	957.503	958.510	956.495	L 8
T 35	3787.213	869.431	844.413	845.420	843.411	T 7
K 36	3915.308	704.330	688.311	689.325	687.310	K 6
G 37	3972.329	576.241	560.221	561.230	559.215	G 5
H 38	4109.388	519.220	503.201	504.209	502.193	H 4
V 39	4272.451	382.161	366.143	367.150	365.134	V 3
A 40	4343.489	219.086	203.070	204.087	202.071	A 2
E 41	4472.531	148.060	132.043	133.050	131.034	E 1

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGGHYAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.50
- ▶ F113279.dat
- ▶ query=q45957.p1
- ▶ precursor=746.429220
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2737.361	2729.257	0.504	2728.740	S[41]
G	2	102.563	2172.740	2164.731	0.504	2164.227	G[40]
R	3	180.603	2144.929	2138.220	2136.724	2135.718	R[39]
G	4	209.114	2096.179	2058.169	2058.673	2057.669	G[38]
K	5	273.161	2037.668	2029.660	2029.162	2029.155	K[37]
T	6	353.688	1973.620	1965.611	1966.115	1966.107	T[36]
G	7	352.198	1923.097	1915.089	1915.591	1914.582	G[35]
G	8	380.707	1894.586	1886.576	1887.080	1886.073	G[34]
K	9	444.754	1866.075	1858.066	1858.570	1857.562	K[33]
A	10	480.273	1802.028	1794.018	1794.522	1793.514	A[32]
R	11	522.823	1756.509	1758.503	1759.004	1757.996	R[31]
A	12	593.842	1698.459	1690.449	1690.953	1689.945	A[30]
R	13	657.889	1652.940	1644.931	1645.435	1644.427	R[29]
A	14	693.408	1588.892	1580.883	1581.387	1580.379	A[28]
K	15	757.455	1503.374	1545.365	1545.868	1544.861	K[27]
S	16	800.971	1489.326	1481.317	1481.821	1480.813	S[26]
R	17	879.622	1445.810	1437.801	1438.305	1437.297	R[25]
S	18	922.538	1389.760	1359.750	1359.754	1359.247	S[24]
S	19	966.054	1324.244	1316.234	1316.738	1315.731	S[23]
R	20	1044.104	1280.728	1272.718	1273.222	1272.215	R[22]
A	21	1079.623	1202.677	1194.668	1195.172	1194.164	A[21]
G	22	1108.134	1167.159	1159.149	1159.653	1158.646	G[20]
L	23	1164.576	1136.640	1138.630	1137.623	1136.615	L[19]
G	24	1228.678	1082.106	1074.097	1074.601	1073.593	G[18]
F	25	1302.239	1018.077	1010.067	1010.571	1009.563	F[17]
P	26	1350.766	944.542	938.533	937.037	936.029	P[16]
V	27	1400.300	896.016	888.007	888.511	887.503	V[15]
G	28	1428.811	846.482	838.473	838.976	837.969	G[14]
R	29	1506.861	817.971	809.962	810.466	809.458	R[13]
V	30	1566.395	739.621	731.611	732.115	731.107	V[12]
H	31	1624.925	690.385	682.377	682.881	681.873	H[11]
R	32	1702.975	611.857	613.848	614.351	613.344	R[10]
L	33	1759.517	543.808	535.797	536.301	535.293	L[9]
L	34	1816.059	487.264	479.253	479.757	478.751	L[8]
R	35	1884.110	436.722	427.713	428.217	427.209	R[7]
K	36	1958.157	352.672	344.662	345.166	344.158	K[6]
G	37	1986.668	288.624	280.613	281.117	280.111	G[5]
H	38	2065.198	200.114	252.104	252.608	251.600	H[4]
V	39	2136.729	191.984	183.973	184.477	183.071	V[3]
A	40	2172.248	110.052	102.043	102.547	101.539	A[2]
E	41	2236.789	74.534	66.524	67.028	66.021	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=45.50
- ▶ F113279.dat
- ▶ query=q45957.p1
- ▶ precursor=746.429220
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	#s	AA
S1	489.697	1491.843	1486.504	0.872	1486.166	S(4)
G2	66.704	1448.825	1443.480	0.672	1443.154	G(4)
R3	1307.188	1429.822	1424.482	1424.818	1424.146	R(3)
G4	139.745	1377.788	1372.449	1372.785	1372.111	G(3)
K5	182.443	1358.781	1353.441	1353.777	1353.105	K(3)
T6	238.126	1338.083	1332.743	1333.079	1332.401	T(3)
G7	255.133	1322.400	1317.061	1317.397	1316.723	G(3)
G8	254.140	1263.393	1258.053	1258.389	1257.711	G(3)
K9	296.639	1244.386	1239.046	1239.382	1238.710	K(3)
A10	320.518	1201.688	1196.348	1196.684	1196.012	A(3)
R11	372.551	1178.088	1172.748	1173.085	1172.383	R(3)
A12	389.230	1158.935	1153.595	1153.931	1153.269	A(3)
R13	438.929	1102.296	1096.956	1097.292	1096.620	R(3)
A14	482.688	1059.597	1054.258	1054.594	1053.922	A(3)
K15	509.306	1035.918	1030.579	1030.915	1030.243	K(3)
S16	534.317	993.220	987.880	988.216	987.543	S(3)
R17	586.250	984.200	958.870	959.206	958.534	R(3)
S18	615.363	932.176	926.836	927.172	926.500	S(3)
S19	644.372	883.165	877.825	878.161	877.489	S(3)
R20	696.405	854.154	848.815	849.151	848.479	R(3)
A21	728.084	802.121	796.781	797.117	796.443	A(3)
G22	759.092	778.442	773.102	773.438	772.766	G(3)
L23	778.388	759.434	754.094	754.431	753.759	L(3)
Q24	819.472	721.740	716.400	716.736	716.064	Q(3)
F25	868.495	674.054	673.714	674.050	673.378	F(3)
F26	900.946	630.031	624.691	625.027	624.355	F(3)
V27	933.889	597.680	592.340	592.676	592.004	V(3)
G28	952.876	556.661	551.321	551.657	550.985	G(3)
R29	1004.910	545.650	540.310	540.646	539.974	R(3)
V30	1037.933	491.610	486.270	486.613	485.941	V(3)
H31	1083.619	460.593	455.254	455.590	454.918	H(3)
R32	1135.653	414.907	409.567	409.903	409.232	R(3)
L33	1173.347	362.873	357.534	357.870	357.198	L(3)
L34	1211.042	328.176	318.839	319.175	318.503	L(3)
R35	1263.076	287.484	282.144	282.480	281.808	R(3)
K36	1305.774	235.460	230.121	230.447	229.775	K(3)
G37	1344.781	192.752	187.412	187.748	187.076	G(3)
H38	1370.468	173.745	168.405	168.741	168.069	H(3)
V39	1424.822	128.098	122.758	123.094	122.422	V(3)
A40	1448.884	83.304	78.384	78.720	78.048	A(3)
E41	1491.515	50.025	44.685	45.021	44.349	E(3)

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=45.50
- ▶ F113279.dat
- ▶ query=q45957.p1
- ▶ precursor=746.429220
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	57.525	1119.130	1115.130	0.755	1114.879	S[41]
G[2]	51.780	1086.074	1082.869	0.755	1082.611	G[40]
R[3]	90.805	1072.618	1068.614	1068.866	1068.361	R[39]
G[4]	105.061	1033.593	1029.588	1029.840	1029.339	G[38]
K[5]	137.084	1019.338	1015.333	1015.585	1015.081	K[37]
T[6]	182.388	987.314	983.309	983.561	983.057	T[36]
G[7]	226.602	962.052	958.047	958.299	957.791	G[35]
G[8]	280.857	947.797	943.792	944.044	943.540	G[34]
K[9]	222.881	933.541	929.537	929.788	929.285	K[33]
A[10]	240.640	901.517	897.513	897.765	897.261	A[32]
R[11]	278.665	881.756	879.753	880.005	879.502	R[31]
A[12]	297.425	844.733	840.728	840.980	840.476	A[30]
R[13]	329.448	825.974	822.969	823.221	822.717	R[29]
A[14]	347.208	794.950	790.945	791.197	790.693	A[28]
K[15]	379.231	777.191	773.186	773.438	772.934	K[27]
S[16]	400.989	745.167	741.162	741.414	740.910	S[26]
R[17]	440.215	721.400	717.395	717.647	717.142	R[25]
S[18]	481.718	694.384	690.379	690.631	690.127	S[24]
S[19]	483.531	662.626	658.621	658.873	658.369	S[23]
R[20]	522.956	640.868	636.863	637.115	636.611	R[22]
A[21]	540.315	601.842	597.837	598.090	597.586	A[21]
G[22]	554.571	584.083	580.078	580.330	579.826	G[20]
L[23]	582.842	569.826	565.821	566.073	565.571	L[19]
Q[24]	614.858	541.557	537.552	537.804	537.300	Q[19]
F[25]	651.623	509.942	505.937	506.189	505.685	F[17]
P[26]	675.888	472.775	468.770	469.022	468.518	P[16]
V[27]	700.654	448.512	444.507	444.759	444.255	V[15]
G[28]	714.909	423.745	419.740	419.992	419.488	G[14]
D[29]	753.934	400.488	396.483	396.735	396.231	D[12]
V[30]	778.701	370.469	366.464	366.717	366.213	V[12]
H[31]	812.966	345.097	341.092	341.344	341.440	H[11]
R[32]	851.991	311.432	307.427	307.679	307.175	R[10]
L[33]	880.262	272.407	268.402	268.654	268.150	L[9]
L[34]	908.533	244.136	240.131	240.383	239.879	L[8]
H[35]	947.559	215.865	211.860	212.112	211.608	H[7]
K[36]	979.582	178.940	172.935	173.087	172.583	K[6]
G[37]	993.838	144.816	140.811	141.063	140.559	G[5]
H[38]	1028.102	130.560	126.555	126.808	126.304	H[4]
V[39]	1068.868	96.290	92.291	92.543	92.039	V[3]
A[40]	1086.628	55.530	51.525	51.777	51.273	A[2]
E[41]	1118.888	37.771	33.766	34.018	33.514	E[1]

sp | P27661 | H2AX_MOUSE

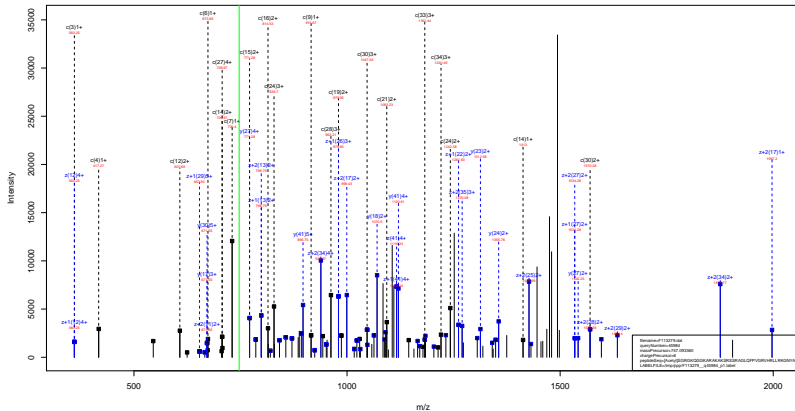
[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=45.50
- ▶ F113279.dat
- ▶ query=q45957_p1
- ▶ precursor=746.429220
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	895.509	892.305	0.806	892.104	S[41]
G[2]	41.625	899.700	866.497	0.806	896.295	G[40]
R[3]	72.846	898.296	855.092	855.294	894.891	R[39]
G[4]	84.250	827.076	823.872	824.074	823.671	G[38]
K[5]	109.869	815.672	812.468	812.669	812.266	K[37]
T[6]	130.078	790.053	786.849	787.050	786.647	T[36]
G[7]	141.483	769.843	766.639	766.841	766.438	G[35]
G[8]	152.887	758.439	755.235	755.437	755.033	G[34]
K[9]	178.506	747.034	743.831	744.032	743.629	K[33]
A[10]	192.713	721.415	718.212	718.413	718.010	A[32]
R[11]	223.934	707.208	704.004	704.206	703.803	R[31]
A[12]	238.141	675.988	672.784	672.986	672.582	A[30]
K[13]	263.760	661.780	658.577	658.778	658.375	K[29]
A[14]	277.968	636.161	632.958	633.159	632.756	A[28]
K[15]	303.586	621.954	618.750	618.952	618.549	K[27]
S[16]	320.993	596.335	593.131	593.333	592.930	S[26]
R[17]	352.213	578.929	575.725	575.926	575.523	R[25]
S[18]	389.620	547.708	544.503	544.706	544.303	S[24]
S[19]	397.028	530.302	527.098	527.300	526.897	S[23]
R[20]	418.246	512.895	509.692	509.893	509.490	R[22]
A[21]	432.454	481.675	478.472	478.673	478.270	A[21]
G[22]	443.858	467.468	464.264	464.466	464.063	G[20]
L[23]	466.475	456.064	452.860	453.061	452.658	L[19]
Q[24]	492.089	433.447	430.243	430.445	430.041	Q[18]
F[25]	521.500	407.835	404.631	404.833	404.430	F[17]
P[26]	540.911	378.421	375.218	375.419	375.016	P[16]
V[27]	560.724	359.011	355.807	356.009	355.605	V[15]
G[28]	572.129	339.191	335.987	336.189	335.782	G[14]
R[29]	603.349	327.793	324.589	324.791	324.388	R[13]
V[30]	623.163	296.573	293.369	293.570	293.167	V[12]
H[31]	650.574	276.759	273.555	273.757	273.354	H[11]
R[32]	681.795	249.347	246.143	246.345	245.942	R[10]
L[33]	704.411	218.127	214.923	215.125	214.722	L[9]
L[34]	727.028	195.510	192.306	192.508	192.105	L[8]
R[35]	758.248	172.893	169.689	169.891	169.488	R[7]
K[36]	783.867	141.673	138.469	138.671	138.268	K[6]
G[37]	799.272	116.054	112.850	113.052	112.649	G[5]
H[38]	822.683	104.650	101.446	101.648	101.244	H[4]
V[39]	855.296	77.238	74.034	74.236	73.833	V[3]
A[40]	869.504	44.625	41.422	41.623	41.220	A[2]
E[41]	895.312	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.97
- ▶ F113279.dat
- ▶ query=q45984.p1
- ▶ precursor=747.093360
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#±1	#±2	z	AA	
S	1	147.076	4377.535	4461.403	4.800	4460.481	S[1]
G	2	204.098	4348.467	4332.440	0.000	4333.441	G[2]
R	3	360.199	4291.446	4275.427	4276.435	4274.410	R[3]
G	4	417.220	4135.345	4119.320	4120.334	4118.310	G[4]
K	5	545.315	4078.323	4062.305	4063.313	4061.297	K[5]
G	6	673.374	3950.228	3934.210	3935.218	3933.202	G[6]
G	7	730.395	3922.170	3899.151	3907.159	3895.141	G[7]
G	8	797.417	3765.148	3749.130	3750.138	3748.122	G[8]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[9]
A	10	960.549	3680.032	3664.013	3665.021	3663.005	A[10]
R	11	1142.630	3538.995	3492.976	3493.984	3491.968	R[11]
A	12	1213.687	3392.944	3376.915	3377.923	3375.907	A[12]
K	13	1341.752	3281.857	3265.838	3266.846	3264.830	K[13]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[14]
K	15	1540.914	3022.725	3006.706	3007.714	3005.699	K[15]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[16]
R	17	1784.047	2897.598	2881.579	2882.587	2880.571	R[17]
S	18	1871.079	2711.496	2695.475	2696.483	2694.467	S[18]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[19]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[20]
A	21	2185.250	2381.311	2365.292	2366.300	2364.284	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.267	G[22]
L	23	2305.308	2253.271	2237.252	2238.260	2236.244	L[23]
Q	24	2463.414	2140.185	2124.170	2125.178	2123.162	Q[24]
F	25	2630.482	2012.130	1996.111	1997.119	1995.104	F[25]
F	26	2747.535	1895.062	1880.043	1880.051	1878.035	F[26]
V	27	2826.603	1768.009	1751.990	1752.998	1750.982	V[27]
G	28	2883.625	1698.945	1682.922	1683.930	1681.914	G[28]
R	29	3039.736	1611.915	1595.892	1596.908	1594.892	R[29]
V	30	3138.794	1455.815	1439.799	1440.807	1438.791	V[30]
H	31	3275.853	1358.749	1340.731	1341.739	1339.723	H[31]
R	32	3431.954	1219.691	1203.672	1204.680	1202.664	R[32]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[33]
L	34	3688.121	950.505	934.487	935.495	933.479	L[34]
R	35	3814.224	837.422	821.403	822.410	820.395	R[35]
K	36	3942.319	691.320	665.302	666.309	664.294	K[36]
G	37	3999.340	583.225	537.207	538.214	536.199	G[37]
N	38	4113.383	496.204	480.185	481.193	479.177	N[38]
V	39	4278.446	382.161	366.142	367.150	365.134	V[39]
A	40	4347.483	219.096	203.079	204.087	202.071	A[40]
E	41	4476.526	148.060	132.042	133.050	131.034	E[41]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGN⁺YAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.97
- ▶ F113279.dat
- ▶ query=q45984.p1
- ▶ precursor=747.093360
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2230.747	S[41]
G	2	102.553	2174.737	2266.728	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2117.713	R[39]
G	4	209.114	2098.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
Q	6	327.194	1975.616	1967.608	1968.112	1967.105	Q[36]
G	7	365.704	1911.569	1903.570	1904.083	1903.075	G[35]
G	8	394.212	1883.078	1875.078	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	577.829	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	607.347	1676.954	1668.943	1669.446	1668.439	A[30]
K	13	671.395	1643.432	1635.423	1633.927	1632.919	K[29]
A	14	706.913	1577.904	1569.895	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	928.033	1356.252	1348.243	1348.746	1347.739	S[24]
S	19	979.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1127.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1178.181	1129.140	1120.131	1119.978	1118.970	L[19]
Q	24	1242.211	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1315.745	1006.599	998.589	999.093	998.085	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.506	876.496	877.000	875.992	V[15]
G	28	1462.316	834.974	826.964	827.468	826.461	G[14]
R	29	1528.369	806.483	798.454	798.958	797.950	R[13]
V	30	1569.901	729.413	720.403	720.907	719.899	V[12]
H	31	1636.430	678.878	670.868	671.373	670.365	H[11]
R	32	1716.461	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.299	524.289	524.793	523.785	L[9]
L	34	1829.568	478.756	469.747	469.251	468.243	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
M	38	2057.195	248.606	240.596	241.100	240.092	M[4]
V	39	2136.727	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.043	102.547	101.539	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.97
- ▶ F113279.dat
- ▶ query=q45984.p1
- ▶ precursor=747.093360
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#±1	#±2	z	AA	
S	1	48.607	1492.172	1487.835	0.672	1487.467	S[41]
G	2	66.704	1450.181	1444.921	0.672	1444.485	G[40]
R	3	1307.788	1431.154	1425.814	1426.150	1425.478	R[39]
G	4	139.745	1379.120	1373.780	1374.416	1373.444	G[38]
K	5	182.443	1360.113	1354.773	1355.109	1354.437	K[37]
Q	6	225.130	1347.444	1342.075	1342.411	1341.730	Q[36]
G	7	244.137	1324.725	1319.359	1299.725	1299.055	G[35]
G	8	263.144	1295.921	1290.581	1290.917	1290.045	G[34]
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.521	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	381.555	1170.336	1164.997	1165.333	1164.661	R[31]
A	12	405.234	1138.303	1132.963	1133.299	1132.627	A[30]
K	13	447.932	1094.624	1089.284	1089.620	1088.948	K[29]
A	14	491.611	1051.925	1046.586	1046.922	1046.250	A[28]
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.320	985.548	980.208	980.544	979.873	S[26]
R	17	625.354	956.537	951.196	951.534	950.862	R[25]
S	18	624.365	904.564	900.183	900.519	899.847	S[24]
S	19	653.375	875.493	870.153	870.489	869.817	S[23]
R	20	705.409	846.483	841.143	841.479	840.807	R[22]
A	21	729.088	794.449	789.109	789.445	788.773	A[21]
Q	22	748.095	770.770	765.430	765.766	765.094	Q[20]
L	23	785.790	751.762	746.423	746.759	746.087	L[19]
Q	24	828.476	714.085	708.745	709.084	708.412	Q[18]
F	25	877.409	671.382	666.042	666.378	665.706	F[17]
F	26	909.950	622.359	617.019	617.355	616.683	F[16]
V	27	942.873	590.008	584.668	585.004	584.332	V[15]
Q	28	961.880	556.985	551.645	551.981	551.309	Q[14]
R	29	1013.914	519.978	514.638	514.974	514.302	R[13]
V	30	1046.936	485.944	480.604	480.941	480.269	V[12]
H	31	1092.623	452.921	447.581	447.918	447.246	H[11]
R	32	1144.656	407.235	401.895	402.231	401.559	R[10]
L	33	1182.351	355.201	349.862	350.198	349.526	L[9]
L	34	1220.046	312.509	307.169	307.505	306.833	L[8]
R	35	1277.812	274.472	269.132	269.468	268.796	R[7]
K	36	1314.778	227.778	222.438	222.775	222.103	K[6]
G	37	1331.785	185.880	179.740	180.076	179.404	G[5]
N	38	1371.799	146.873	140.733	141.069	140.397	N[4]
V	39	1426.154	128.098	122.758	123.094	122.422	V[3]
A	40	1469.813	83.344	78.004	78.340	77.668	A[2]
E	41	1492.847	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN⁺YAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.97
- ▶ F113279.dat
- ▶ query=q45984.p1
- ▶ precursor=747.093360
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	#s=1	#s=2	#s=3	AA
S	1	37.505	1120.133	1116.128	0.705	1115.876	S[41]
G	2	51.780	1087.872	1083.585	0.755	1083.610	G[40]
R	3	90.805	1073.617	1069.612	1069.894	1069.360	R[39]
G	4	109.061	1034.502	1030.587	1030.839	1030.135	G[38]
K	5	137.084	1020.136	1016.332	1016.584	1016.080	K[37]
G	6	169.059	998.312	994.305	994.590	994.050	G[36]
G	7	183.354	956.296	952.293	952.545	952.041	G[35]
G	8	197.610	942.043	938.038	938.290	937.795	G[34]
K	9	229.633	927.787	923.783	924.034	923.531	K[33]
A	10	247.393	895.763	891.759	892.011	891.507	A[32]
R	11	286.418	878.004	873.999	874.251	873.748	R[31]
A	12	304.177	838.979	834.974	835.226	834.722	A[30]
K	13	336.201	821.220	817.215	817.467	816.963	K[29]
A	14	353.960	789.199	785.195	785.443	784.939	A[28]
K	15	385.984	771.437	767.432	767.684	767.180	K[27]
S	16	407.742	739.413	735.408	735.660	735.156	S[26]
R	17	446.767	717.955	713.950	714.202	713.698	R[25]
S	18	468.526	678.930	674.925	675.177	674.673	S[24]
S	19	490.283	656.972	652.967	653.219	652.715	S[23]
R	20	529.309	635.114	631.109	631.361	630.857	R[22]
A	21	547.068	596.089	592.084	592.336	591.832	A[21]
G	22	561.323	578.329	574.324	574.576	574.072	G[20]
L	23	589.984	564.074	560.069	560.321	559.817	L[19]
Q	24	621.609	535.803	531.798	532.050	531.546	Q[18]
F	25	658.376	503.789	499.783	500.035	499.531	F[17]
F	26	682.639	467.021	463.016	463.268	462.764	F[16]
V	27	707.406	442.750	438.753	439.005	438.501	V[15]
G	28	721.662	417.991	413.985	414.238	413.734	G[14]
R	29	760.687	403.735	399.731	399.982	399.478	R[13]
V	30	785.454	384.710	380.705	380.957	380.453	V[12]
H	31	819.719	339.643	335.638	335.890	335.660	H[11]
R	32	858.744	305.678	301.673	301.925	301.421	R[10]
L	33	887.615	266.653	262.648	262.900	262.396	L[9]
L	34	915.286	238.362	234.357	234.609	234.105	L[8]
R	35	954.311	210.111	206.106	206.358	205.854	R[7]
K	36	986.335	171.086	167.081	167.333	166.829	K[6]
G	37	1000.590	139.064	135.059	135.309	134.805	G[5]
N	38	1029.101	124.806	120.802	121.054	120.550	N[4]
V	39	1069.867	96.296	92.291	92.543	92.039	V[3]
A	40	1097.606	58.530	54.525	54.777	54.273	A[2]
E	41	1119.887	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=44.97
- ▶ F113279.dat
- ▶ query=q45984_p1
- ▶ precursor=747.093360
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	896.308	893.104	0.806	892.903	S[41]
G[2]	41.625	870.499	867.298	0.806	867.094	G[40]
R[3]	72.846	859.095	855.891	856.093	855.690	R[39]
G[4]	84.250	827.875	824.671	824.873	824.469	G[38]
K[5]	109.869	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.481	790.952	787.648	787.849	787.446	Q[36]
G[7]	146.885	765.240	762.036	762.238	761.834	G[35]
G[8]	158.289	751.836	750.632	750.833	750.430	G[34]
K[9]	183.908	742.831	739.227	739.429	739.026	K[33]
A[10]	198.116	716.812	713.608	713.810	713.407	A[32]
R[11]	229.336	702.605	699.401	699.603	699.199	R[31]
A[12]	243.543	671.385	668.181	668.382	667.979	A[30]
K[13]	269.162	657.177	653.973	654.175	653.772	K[29]
A[14]	283.370	631.558	628.354	628.556	628.153	A[28]
K[15]	308.989	617.351	614.147	614.349	613.945	K[27]
S[16]	326.395	591.732	588.528	588.730	588.326	S[26]
R[17]	357.615	574.325	571.122	571.323	570.920	R[25]
S[18]	375.022	548.105	539.901	540.103	539.700	S[24]
S[19]	392.428	525.699	522.495	522.697	522.293	S[23]
R[20]	423.648	508.292	505.089	505.290	504.887	R[22]
A[21]	437.856	477.072	473.868	474.070	473.667	A[21]
G[22]	449.260	462.865	459.661	459.862	459.459	G[20]
L[23]	471.877	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.489	428.844	425.640	425.841	425.438	Q[18]
F[25]	528.902	403.232	400.028	400.230	399.827	F[17]
P[26]	546.313	373.816	370.614	370.816	370.413	P[16]
V[27]	565.126	354.408	351.203	351.405	351.002	V[15]
G[28]	577.531	334.994	331.790	331.992	331.589	G[14]
R[29]	608.751	323.190	319.986	320.187	319.784	R[13]
V[30]	628.565	291.969	288.766	288.967	288.564	V[12]
H[31]	658.976	272.156	268.952	269.154	268.750	H[11]
K[32]	687.197	244.744	241.540	241.742	241.339	K[10]
L[33]	709.814	213.524	210.320	210.522	210.118	L[9]
L[34]	732.430	190.907	187.703	187.905	187.502	L[8]
R[35]	763.651	168.290	165.086	165.288	164.885	R[7]
K[36]	789.270	137.070	133.866	134.068	133.665	K[6]
G[37]	830.074	111.451	108.247	108.449	108.046	G[5]
N[38]	823.487	100.047	96.843	97.044	96.641	N[4]
V[39]	856.095	77.238	74.034	74.236	73.833	V[3]
A[40]	870.303	44.625	41.422	41.623	41.220	A[2]
E[41]	896.111	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.17
- ▶ F113279.dat
- ▶ query=q45990.p1
- ▶ precursor=747.093990
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.510	4461.491	0.000	4460.483	S[41]
G	2	204.068	4348.467	4332.449	0.000	4331.441	G[40]
R	3	360.199	4201.448	4276.427	4476.435	4274.419	R[39]
G	4	417.220	4135.345	4119.326	4120.334	4118.318	G[38]
K	5	545.315	4078.323	4062.305	4051.313	4051.297	K[37]
Q	6	673.374	3969.279	3934.210	3935.218	3933.202	Q[36]
G	7	730.395	3822.170	3805.151	3807.159	3805.143	G[35]
G	8	787.417	3705.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3662.108	3661.116	3661.100	K[33]
A	10	986.549	3580.032	3564.013	3565.021	3563.005	A[32]
R	11	1142.650	3508.995	3462.976	3463.984	3461.968	R[31]
A	12	1213.687	3352.994	3338.975	3337.983	3335.967	A[30]
R	13	1381.782	3281.857	3265.838	3266.846	3264.830	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3062.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2887.586	2851.579	2852.587	2850.571	R[25]
S	18	1871.079	2711.490	2695.478	2696.486	2694.470	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.267	G[20]
L	23	2305.308	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2012.150	1996.111	1997.119	1995.104	F[17]
P	26	2727.535	1805.062	1849.043	1850.051	1848.035	P[16]
V	27	2826.603	1748.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1668.940	1652.922	1653.930	1651.914	G[14]
V	29	3030.726	1431.813	1526.800	1596.908	1594.892	V[13]
V	30	3138.794	1455.818	1439.799	1440.807	1438.791	V[12]
H	31	3275.853	1356.748	1340.731	1341.739	1339.723	H[11]
R	32	3431.954	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.121	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.395	R[7]
R	36	3942.319	681.320	665.302	666.309	664.293	R[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	406.204	480.185	481.193	479.177	N[4]
V	39	4276.446	382.161	366.142	367.150	365.134	V[3]
A	40	4347.483	219.086	203.079	204.087	202.071	A[2]
E	41	4476.528	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.17
- ▶ F113279.dat
- ▶ query=q45990.p1
- ▶ precursor=747.093990
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s=1	#s=2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2230.747	S[41]
G	2	102.553	2174.737	2266.726	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2117.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	327.194	1975.616	1967.609	1968.112	1967.202	G[36]
G	7	365.704	1911.569	1903.579	1904.083	1903.070	G[35]
G	8	394.212	1883.078	1875.088	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	607.347	1669.964	1669.963	1669.945	1669.439	A[30]
R	13	671.395	1643.433	1633.423	1633.927	1633.910	R[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	928.618	1369.262	1369.263	1368.766	1347.759	S[24]
S	19	979.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1127.839	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1178.181	1129.140	1139.131	1139.635	1138.627	L[19]
G	24	1242.211	1070.598	1062.589	1063.093	1062.085	G[18]
F	25	1315.745	1006.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.506	876.496	877.003	875.995	V[15]
G	28	1462.216	834.974	826.965	827.469	826.461	G[14]
R	29	1526.369	806.483	798.454	798.958	797.950	R[13]
V	30	1569.901	729.413	720.403	720.907	719.899	V[12]
H	31	1636.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.481	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.209	524.200	524.703	523.795	L[9]
L	34	1829.568	478.756	469.747	469.251	467.243	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.727	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.043	102.547	101.539	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.17
- ▶ F113279.dat
- ▶ query=q45990.p1
- ▶ precursor=747.093990
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1493.175	1487.835	0.672	1487.499	S 41
G 2	68.704	1450.161	1444.831	0.672	1444.485	G 40
R 3	120.738	1431.154	1425.814	1426.150	1425.478	R 39
G 4	139.745	1379.120	1373.790	1374.116	1373.444	G 38
K 5	182.443	1360.113	1354.773	1355.109	1354.431	K 37
Q 6	225.139	1317.614	1312.605	1312.411	1311.739	Q 36
G 7	244.137	1274.728	1269.389	1269.725	1269.051	G 35
G 8	263.144	1255.721	1250.381	1250.717	1250.045	G 34
K 9	305.842	1236.714	1231.374	1231.710	1231.038	K 33
A 10	329.521	1194.016	1188.676	1189.012	1188.340	A 32
R 11	381.555	1170.336	1164.997	1165.333	1164.661	R 31
A 12	405.234	1118.303	1112.963	1113.299	1112.627	A 30
K 13	447.932	1094.624	1089.284	1089.620	1088.948	K 29
A 14	471.611	1051.925	1046.586	1046.922	1046.250	A 28
K 15	514.310	1028.246	1022.907	1023.243	1022.571	K 27
S 16	543.320	985.548	980.208	980.544	979.873	S 26
R 17	595.354	956.537	951.198	951.534	950.862	R 25
S 18	624.365	904.504	899.164	899.500	898.828	S 24
S 19	653.375	875.493	870.153	870.489	869.817	S 23
R 20	705.409	846.482	841.143	841.479	840.807	R 22
A 21	729.688	794.449	789.109	789.445	788.773	A 21
G 22	748.695	770.770	765.430	765.766	765.094	G 20
L 23	785.790	751.762	746.423	746.759	746.087	L 19
Q 24	832.476	714.699	708.723	709.064	708.392	Q 18
F 25	877.499	671.382	665.942	666.378	665.705	F 17
P 26	909.850	622.359	617.019	617.355	616.683	P 16
V 27	942.873	590.009	584.668	585.004	584.332	V 15
G 28	961.880	556.985	551.645	551.981	551.309	G 14
R 29	1011.914	537.978	532.638	532.974	532.302	R 13
V 30	1046.936	488.944	483.604	483.941	483.269	V 12
H 31	1092.623	452.921	447.582	447.918	447.246	H 11
R 32	1144.656	407.295	401.955	402.291	401.560	R 10
L 33	1182.351	355.201	349.862	350.198	349.526	L 9
L 34	1220.046	317.507	312.167	312.503	311.831	L 8
R 35	1272.079	279.812	274.472	274.808	274.136	R 7
K 36	1314.978	237.778	232.438	232.778	232.101	K 6
G 37	1333.785	185.980	179.740	180.076	179.404	G 5
N 38	1371.799	166.073	160.733	161.069	160.397	N 4
Y 39	1426.154	128.058	122.718	123.055	122.383	Y 3
A 40	1449.833	73.704	68.364	68.700	68.029	A 2
E 41	1492.847	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=51.17
- ▶ F113279.dat
- ▶ query=q45990.p1
- ▶ precursor=747.093990
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	17.526	1120.133	1116.138	0.755	1115.876	S 41
G 2	51.780	1087.872	1083.888	0.755	1083.618	G 40
R 3	90.805	1073.617	1069.612	1069.864	1069.360	R 39
G 4	105.061	1034.592	1030.587	1030.839	1030.335	G 38
K 5	137.084	1020.336	1016.332	1016.384	1016.080	K 37
Q 6	169.099	989.311	984.308	984.559	984.056	Q 36
G 7	183.394	956.290	952.293	952.545	952.041	G 35
G 8	197.610	942.043	938.038	938.290	937.788	G 34
K 9	229.633	927.787	923.783	924.034	923.531	K 33
A 10	247.393	895.763	891.758	892.011	891.507	A 32
R 11	286.418	875.004	871.009	874.251	873.748	R 31
A 12	304.177	838.979	834.974	835.226	834.723	A 30
K 13	338.201	821.220	817.215	817.467	816.963	K 29
A 14	353.960	789.196	785.191	785.443	784.939	A 28
K 15	385.984	771.437	767.432	767.684	767.180	K 27
S 16	407.742	739.413	735.408	735.660	735.156	S 26
R 17	446.767	717.895	713.890	713.902	713.398	R 25
S 18	468.526	678.630	674.625	674.877	674.373	S 24
S 19	490.283	655.872	652.867	653.119	652.615	S 23
R 20	529.309	635.114	631.109	631.361	630.857	R 22
A 21	547.066	596.088	592.084	592.336	591.833	A 21
G 22	561.323	578.329	574.324	574.576	574.072	G 20
L 23	589.594	564.074	560.069	560.321	559.817	L 19
Q 24	621.869	535.803	531.798	532.050	531.546	Q 18
F 25	658.376	503.788	499.783	500.035	499.531	F 17
P 26	682.639	467.021	463.016	463.268	462.764	P 16
V 27	707.406	442.758	438.753	439.005	438.501	V 15
G 28	721.662	411.991	411.988	414.238	413.734	G 14
R 29	760.684	403.735	399.731	399.982	399.478	R 13
V 30	785.454	384.719	368.705	368.957	368.453	V 12
H 31	819.719	339.943	335.938	336.190	335.686	H 11
R 32	858.744	305.676	301.673	301.925	301.421	R 10
L 33	887.015	266.653	262.648	262.900	262.396	L 9
L 34	915.286	238.382	234.377	234.629	234.125	L 8
R 35	954.311	210.111	206.106	206.358	205.854	R 7
K 36	959.316	171.088	167.083	167.335	166.831	K 6
G 37	1000.590	139.062	135.057	135.309	134.805	G 5
N 38	1029.101	124.800	120.802	121.054	120.550	N 4
Y 39	1069.867	96.296	92.291	92.543	92.039	Y 3
A 40	1087.626	55.530	51.525	51.777	51.273	A 2
E 41	1119.887	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=51.17
- ▶ F113279.dat
- ▶ query=q45990_p1
- ▶ precursor=747.093990
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	306.308	893.104	0.806	892.903	S[41]
G[2]	41.625	870.499	867.298	0.806	867.094	G[40]
R[3]	72.846	859.095	855.891	856.093	855.690	R[39]
G[4]	84.250	827.875	824.671	824.873	824.469	G[38]
K[5]	109.869	816.471	813.267	813.468	813.065	K[37]
Q[6]	135.481	790.852	787.648	787.849	787.446	Q[36]
G[7]	146.885	765.240	762.036	762.238	761.834	G[35]
G[8]	158.289	753.836	750.632	750.833	750.430	G[34]
K[9]	183.908	742.431	739.227	739.429	739.026	K[33]
A[10]	198.116	716.812	713.608	713.810	713.407	A[32]
R[11]	229.336	702.605	699.401	699.603	699.199	R[31]
A[12]	243.543	671.385	668.181	668.382	667.979	A[30]
K[13]	269.162	657.177	653.973	654.175	653.772	K[29]
A[14]	283.370	631.558	628.354	628.556	628.153	A[28]
K[15]	308.989	617.351	614.147	614.349	613.945	K[27]
S[16]	326.395	591.732	588.528	588.730	588.326	S[26]
R[17]	357.615	574.325	571.122	571.323	570.920	R[25]
S[18]	375.022	548.105	539.901	540.103	539.700	S[24]
S[19]	392.428	525.689	522.485	522.687	522.283	S[23]
R[20]	423.648	508.282	505.079	505.280	504.877	R[22]
A[21]	437.856	477.072	473.868	474.070	473.667	A[21]
G[22]	449.260	462.865	459.661	459.862	459.459	G[20]
L[23]	471.877	451.460	448.257	448.458	448.055	L[19]
Q[24]	497.489	428.844	425.640	425.841	425.438	Q[18]
F[25]	528.902	403.232	400.028	400.230	399.827	F[17]
P[26]	546.313	373.816	370.614	370.816	370.413	P[16]
V[27]	565.126	354.408	351.203	351.405	351.002	V[15]
G[28]	577.531	334.994	331.790	331.992	331.589	G[14]
R[29]	608.751	323.190	319.986	320.187	319.784	R[13]
V[30]	628.565	291.969	288.766	288.967	288.564	V[12]
H[31]	658.976	272.156	268.952	269.154	268.750	H[11]
K[32]	687.197	244.744	241.540	241.742	241.339	K[10]
L[33]	709.814	213.524	210.320	210.522	210.118	L[9]
L[34]	732.430	190.907	187.703	187.905	187.502	L[8]
R[35]	763.651	168.290	165.086	165.288	164.885	R[7]
K[36]	789.270	137.070	133.866	134.068	133.665	K[6]
G[37]	839.074	111.851	108.247	108.449	108.046	G[5]
N[38]	823.482	100.047	96.843	97.044	96.641	N[4]
V[39]	856.095	77.238	74.034	74.236	73.833	V[3]
A[40]	870.303	44.625	41.422	41.623	41.220	A[2]
E[41]	896.111	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=84.32
- ▶ F113279.dat
- ▶ query=q45994.p1
- ▶ precursor=896.312700
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.510	4461.491	0.000	4460.483	S[41]
G	2	204.068	4348.467	4332.449	0.000	4331.441	G[40]
R	3	360.199	4201.448	4276.427	4476.435	4274.419	R[39]
G	4	417.220	4135.345	4119.326	4120.334	4118.318	G[38]
K	5	545.315	4078.323	4062.305	4053.313	4061.297	K[37]
Q	6	673.374	3969.278	3934.210	3936.218	3933.202	Q[36]
G	7	730.395	3822.170	3806.151	3807.159	3805.143	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3580.032	3564.013	3565.021	3563.005	A[32]
R	11	1142.650	3508.995	3492.976	3493.984	3491.968	R[31]
A	12	1213.687	3352.994	3336.975	3337.983	3335.967	A[30]
R	13	1341.782	3281.857	3265.838	3266.846	3264.830	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1627.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2887.586	2871.579	2852.587	2890.571	R[25]
S	18	1871.078	2741.496	2695.476	2696.484	2694.473	S[24]
S	19	1958.111	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2381.331	2365.313	2366.320	2364.305	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.267	G[20]
L	23	2305.308	2253.273	2237.254	2238.262	2236.246	L[19]
Q	24	2483.414	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2630.482	2012.130	1996.111	1997.119	1995.104	F[17]
P	26	2727.535	1895.062	1849.043	1850.051	1848.035	P[16]
V	27	2826.603	1788.009	1751.990	1752.998	1750.982	V[15]
G	28	2883.625	1668.940	1652.922	1653.930	1651.914	G[14]
D	29	2930.226	1611.918	1595.900	1596.908	1594.892	D[13]
D	30	3138.794	1455.818	1439.799	1440.807	1438.791	D[12]
H	31	3275.853	1358.748	1340.731	1341.739	1339.723	H[11]
R	32	3431.964	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.121	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.394	R[7]
K	36	3942.319	681.320	665.302	666.309	664.293	K[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	406.204	480.185	481.193	479.177	N[4]
V	39	4276.446	382.161	366.142	367.150	365.134	V[3]
A	40	4347.463	219.086	203.079	204.087	202.071	A[2]
E	41	4476.528	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=84.32
- ▶ F113279.dat
- ▶ query=q45994_p1
- ▶ precursor=896.312700
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#±1	#±2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2239.147	S[41]
G	2	102.553	2174.737	2266.726	0.504	2166.254	G[49]
R	3	180.603	2146.227	2138.217	2138.921	2117.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
Q	6	337.194	1975.616	1967.609	1966.112	1967.205	Q[36]
G	7	365.703	1911.569	1903.579	1914.983	1903.075	G[35]
G	8	394.212	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.820	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	609.839	1668.963	1660.953	1661.457	1660.449	A[30]
K	13	671.395	1643.432	1633.423	1633.927	1632.919	K[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	892.527	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	936.043	1368.262	1348.243	1348.746	1347.738	S[24]
S	19	999.559	1312.736	1304.726	1305.230	1304.221	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1178.188	1119.140	1129.131	1129.635	1128.627	L[19]
Q	24	1242.211	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1315.745	1008.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.508	876.499	877.003	875.995	V[15]
G	28	1442.216	834.974	826.965	827.469	826.461	G[14]
R	29	1528.269	808.483	798.454	798.958	797.950	R[13]
V	30	1569.901	728.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.481	610.349	602.340	602.843	601.835	R[10]
L	33	1733.023	532.289	524.280	524.783	523.775	L[9]
L	34	1829.565	478.756	469.747	469.251	468.243	L[8]
R	35	1907.618	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.227	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.017	102.521	101.513	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=84.32
- ▶ F113279.dat
- ▶ query=q45994.p1
- ▶ precursor=896.312700
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1493.175	1487.835	0.672	1487.499	S 41
G 2	68.704	1450.161	1444.821	0.672	1444.485	G 40
R 3	130.738	1431.154	1425.814	1426.150	1425.478	R 39
G 4	139.745	1379.120	1373.780	1374.116	1373.444	G 38
K 5	182.443	1360.113	1354.773	1355.109	1354.437	K 37
Q 6	235.330	1317.414	1312.070	1312.411	1311.795	Q 36
G 7	244.137	1274.725	1269.255	1269.725	1269.055	G 35
G 8	283.144	1255.721	1250.381	1250.717	1250.045	G 34
K 9	305.842	1236.714	1231.374	1231.710	1231.038	K 33
A 10	329.521	1194.015	1188.676	1189.012	1188.340	A 32
R 11	381.555	1170.136	1164.997	1165.333	1164.661	R 31
A 12	409.234	1118.303	1112.963	1113.299	1112.627	A 30
R 13	447.932	1094.024	1089.254	1089.620	1088.948	R 29
A 14	471.611	1051.925	1046.589	1046.922	1046.250	A 28
K 15	514.310	1028.246	1022.907	1023.243	1022.571	K 27
S 16	543.320	985.548	980.208	980.544	979.871	S 26
R 17	595.354	956.537	951.198	951.534	950.862	R 25
S 18	624.365	924.504	919.164	919.500	918.828	S 24
S 19	653.375	875.493	870.153	870.489	869.817	S 23
R 20	705.409	846.482	841.143	841.479	840.807	R 22
A 21	729.088	794.449	789.109	789.445	788.773	A 21
G 22	748.095	770.770	765.430	765.766	765.094	G 20
L 23	785.730	731.762	746.423	746.759	746.087	L 19
Q 24	828.478	714.069	708.729	709.064	708.392	Q 19
F 25	877.409	671.382	666.042	666.378	665.706	F 17
F 26	909.850	622.359	617.019	617.355	616.683	F 16
V 27	942.873	590.028	584.688	585.024	584.352	V 15
G 28	961.880	556.985	551.645	551.981	551.309	G 14
R 29	1013.914	537.978	532.638	532.974	532.302	R 13
R 30	1046.938	488.944	483.604	483.941	483.269	R 12
H 31	1092.823	452.921	447.581	447.918	447.246	H 11
R 32	1144.656	407.935	402.595	402.931	402.260	R 10
L 33	1182.351	355.201	349.862	350.198	349.526	L 9
L 34	1220.646	317.507	312.167	312.503	311.831	L 8
R 35	1272.079	278.812	274.472	274.808	274.136	R 7
R 36	1314.778	227.778	222.438	222.775	222.103	R 6
G 37	1333.785	185.080	179.740	180.076	179.404	G 5
N 38	1371.799	166.073	160.733	161.069	160.397	N 4
V 39	1426.154	128.058	122.719	123.055	122.383	V 3
A 40	1449.831	73.704	68.364	68.700	68.028	A 2
E 41	1492.287	30.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=84.32
- ▶ F113279.dat
- ▶ query=q45994.p1
- ▶ precursor=896.312700
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	57.525	1120.133	1116.128	0.755	1115.879	S[41]
G[2]	51.780	1087.872	1083.888	0.755	1083.616	G[40]
R[3]	90.805	1073.617	1069.812	1069.864	1069.350	R[30]
G[4]	105.061	1034.592	1030.587	1030.839	1030.335	G[38]
K[5]	137.084	1020.336	1015.332	1016.584	1016.080	K[37]
Q[6]	189.009	989.313	984.308	984.560	984.056	Q[30]
G[7]	253.254	956.290	952.293	952.545	952.041	G[35]
G[8]	197.810	942.043	938.038	938.290	937.786	G[34]
K[9]	229.633	927.787	923.783	924.034	923.531	K[33]
A[10]	247.393	895.763	891.759	892.011	891.507	A[32]
R[11]	286.418	878.004	873.999	874.251	873.746	R[31]
A[12]	304.177	838.978	834.974	835.226	834.722	A[30]
R[13]	336.201	821.220	817.215	817.467	816.963	R[29]
A[14]	353.960	799.196	795.191	795.443	794.939	A[28]
K[15]	385.984	771.437	767.432	767.684	767.180	K[27]
S[16]	407.742	739.413	735.408	735.660	735.156	S[26]
R[17]	446.767	747.665	743.659	743.912	743.408	R[25]
S[18]	468.526	678.939	674.935	675.187	674.683	S[24]
S[19]	490.283	656.872	652.867	653.119	652.615	S[23]
R[20]	529.309	635.114	631.109	631.361	630.857	R[22]
A[21]	547.068	596.088	592.084	592.336	591.832	A[21]
Q[22]	561.323	578.329	574.324	574.576	574.072	Q[20]
L[23]	589.334	564.074	560.069	560.321	559.817	L[19]
Q[24]	621.609	536.803	532.798	533.050	532.546	Q[19]
F[25]	658.376	503.788	499.783	500.035	499.531	F[17]
F[26]	682.639	467.021	463.016	463.268	462.764	F[16]
V[27]	707.406	442.758	438.753	439.005	438.501	V[15]
G[28]	721.662	417.991	413.986	414.238	413.734	G[14]
D[29]	750.687	403.735	399.731	399.983	399.479	D[13]
V[30]	785.454	384.710	360.705	360.957	360.453	V[12]
H[31]	819.719	339.943	335.938	336.190	335.686	H[11]
R[32]	858.744	305.678	301.673	301.925	301.421	R[10]
L[33]	887.015	266.653	262.648	262.900	262.396	L[9]
L[34]	915.286	238.382	234.377	234.629	234.125	L[8]
R[35]	954.313	210.111	206.106	206.358	205.854	R[7]
R[36]	986.335	171.085	167.081	167.333	166.829	R[6]
G[37]	1000.590	139.062	135.057	135.309	134.805	G[5]
N[38]	1029.101	124.808	120.802	121.054	120.550	N[4]
V[39]	1069.867	96.290	92.291	92.543	92.039	V[3]
A[40]	1087.626	55.530	51.525	51.777	51.273	A[2]
E[41]	1119.887	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.30
- ▶ F113279.dat
- ▶ query=q45995.p1
- ▶ precursor=896.313160
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4477.510	4461.491	0.000	4460.483	S 41
G 2	204.098	4348.467	4332.449	0.000	4331.441	G 40
R 3	360.199	4201.448	4276.427	4276.435	4274.419	R 39
G 4	417.220	4135.345	4119.326	4120.334	4118.318	G 38
K 5	545.315	4078.323	4062.305	4063.313	4061.297	K 37
Q 6	673.374	3969.278	3934.210	3935.218	3933.202	Q 36
G 7	730.395	3822.170	3806.151	3807.159	3805.143	G 35
G 8	787.417	3765.148	3749.130	3750.138	3748.122	G 34
K 9	915.512	3708.127	3692.108	3693.116	3691.100	K 33
A 10	986.549	3580.032	3564.013	3565.021	3563.005	A 32
R 11	1142.650	3508.995	3492.976	3493.984	3491.968	R 31
A 12	1213.687	3352.984	3336.975	3337.983	3335.967	A 30
R 13	1341.782	3281.957	3265.938	3266.946	3264.930	R 29
A 14	1412.819	3153.962	3137.943	3138.951	3136.935	A 28
K 15	1540.914	3082.725	3066.706	3067.714	3065.698	K 27
S 16	1627.946	2954.630	2938.611	2939.619	2937.603	S 26
R 17	1784.047	2887.586	2871.579	2872.587	2870.571	R 25
S 18	1871.079	2711.490	2695.478	2696.486	2694.470	S 24
S 19	1958.111	2624.464	2608.446	2609.454	2607.438	S 23
R 20	2114.213	2537.432	2521.414	2522.422	2520.406	R 22
A 21	2185.250	2381.331	2365.313	2366.320	2364.305	A 21
G 22	2242.271	2310.294	2294.275	2295.283	2293.267	G 20
L 23	2385.308	2253.273	2237.254	2238.262	2236.246	L 19
Q 24	2483.414	2140.189	2124.170	2125.178	2123.162	Q 19
F 25	2630.482	2012.135	1996.111	1997.119	1995.104	F 17
P 26	2727.535	1895.062	1849.043	1850.051	1848.035	P 16
V 27	2826.603	1788.009	1751.990	1752.998	1750.982	V 15
G 28	2883.625	1568.940	1652.922	1653.930	1651.914	G 14
R 29	3030.726	1611.910	1595.890	1596.908	1594.882	R 13
V 30	3138.784	1455.812	1439.792	1440.800	1438.784	V 12
H 31	3275.853	1358.748	1340.731	1341.739	1339.723	H 11
R 32	3431.964	1219.691	1203.672	1204.680	1202.664	R 10
L 33	3545.038	1063.589	1047.571	1048.579	1046.563	L 9
L 34	3658.121	950.505	934.487	935.495	933.479	L 8
T 35	3814.224	837.421	821.403	822.410	820.394	T 7
R 36	3942.319	681.320	665.302	666.310	664.294	R 6
G 37	3999.340	553.225	537.207	538.214	536.199	G 5
N 38	4113.383	406.204	480.185	481.193	479.177	N 4
V 39	4276.446	382.161	366.142	367.150	365.134	V 3
A 40	4347.483	219.086	203.079	204.087	202.071	A 2
E 41	4476.528	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.30
- ▶ F113279.dat
- ▶ query=q45995.p1
- ▶ precursor=896.313160
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	74.062	2039.259	2221.300	8.804	2230.147	S[41]
G	2	102.553	2174.737	2266.726	0.504	2166.254	G[40]
R	3	180.603	2146.227	2138.217	2138.921	2117.713	R[39]
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G[38]
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K[37]
G	6	327.194	1975.616	1967.608	1968.112	1967.105	G[36]
G	7	365.703	1911.569	1903.579	1904.583	1903.570	G[35]
G	8	394.212	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	458.260	1854.567	1846.558	1847.562	1846.554	K[33]
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A[32]
R	11	571.829	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	609.899	1678.954	1668.941	1669.446	1668.437	A[30]
K	13	671.395	1643.433	1635.423	1633.927	1632.921	K[29]
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	862.527	1404.362	1425.762	1426.797	1425.789	R[25]
S	18	938.683	1356.762	1348.243	1349.247	1347.739	S[24]
S	19	970.559	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1121.639	1135.651	1147.641	1148.145	1147.137	G[20]
L	23	1179.683	1127.146	1119.137	1119.639	1118.631	L[19]
G	24	1242.211	1063.586	1055.580	1063.093	1062.085	G[18]
F	25	1315.745	1006.599	998.559	999.063	998.055	F[17]
F	26	1364.271	933.034	925.025	925.529	924.521	F[16]
V	27	1413.805	884.506	876.496	877.003	875.993	V[15]
G	28	1442.216	834.974	826.965	827.468	826.461	G[14]
R	29	1526.369	806.483	798.474	798.978	797.970	R[13]
V	30	1569.901	729.413	720.403	720.907	719.899	V[12]
H	31	1638.430	678.878	670.869	671.373	670.365	H[11]
R	32	1716.481	610.349	602.340	602.843	601.835	R[10]
L	33	1773.023	532.269	524.260	524.763	523.755	L[9]
L	34	1829.566	478.756	469.747	469.251	468.243	L[8]
R	35	1907.615	419.214	411.205	411.709	410.701	R[7]
K	36	1971.663	341.164	333.154	333.658	332.650	K[6]
G	37	2000.174	277.116	269.107	269.611	268.603	G[5]
N	38	2057.195	248.606	240.596	241.100	240.092	N[4]
V	39	2136.227	181.564	183.575	184.079	183.071	V[3]
A	40	2114.265	110.026	102.043	102.547	101.539	A[2]
E	41	2238.767	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=60.30
- ▶ F113279.dat
- ▶ query=q45995.p1
- ▶ precursor=896.313160
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.607	1392.178	1487.835	0.872	1487.499	S[41]
G	2	66.704	1450.161	1444.521	0.672	1444.462	G[40]
R	3	1307.718	1431.154	1425.814	1426.150	1425.478	R[39]
G	4	139.745	1379.120	1373.780	1374.416	1373.444	G[38]
K	5	182.443	1360.113	1354.773	1355.109	1354.437	K[37]
Q	6	225.130	1347.444	1342.075	1342.441	1341.730	Q[36]
G	7	244.137	1324.725	1289.339	1289.725	1289.055	G[35]
G	8	263.144	1295.721	1250.381	1250.717	1250.045	G[34]
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.521	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	381.555	1170.338	1164.997	1165.333	1164.661	R[31]
A	12	485.234	1118.303	1112.963	1113.300	1112.627	A[30]
K	13	447.932	1084.624	1089.284	1089.620	1088.948	K[29]
A	14	471.611	1051.925	1046.585	1046.922	1046.250	A[28]
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.320	985.548	980.208	980.544	979.873	S[26]
R	17	595.254	956.537	951.198	951.534	950.862	R[25]
S	18	624.365	904.504	909.164	909.500	908.828	S[24]
S	19	653.375	875.493	870.153	870.489	869.817	S[23]
R	20	705.409	846.482	841.143	841.479	840.807	R[22]
A	21	729.088	794.449	789.109	789.445	788.773	A[21]
G	22	748.095	770.770	765.430	765.766	765.094	G[20]
L	23	785.790	754.762	749.423	749.759	749.087	L[19]
Q	24	828.476	714.085	708.745	709.084	708.362	Q[18]
F	25	877.499	671.382	666.042	666.378	665.706	F[17]
F	26	909.850	622.359	617.019	617.355	616.683	F[16]
V	27	942.873	590.008	584.668	585.004	584.332	V[15]
G	28	961.860	558.985	553.645	553.981	553.309	G[14]
K	29	1013.814	519.976	514.636	514.974	514.302	K[13]
V	30	1046.936	485.944	480.604	480.941	480.269	V[12]
H	31	1092.623	452.921	447.581	447.918	447.246	H[11]
R	32	1144.656	407.235	401.895	402.231	401.560	R[10]
L	33	1182.353	355.201	349.862	350.198	349.526	L[9]
L	34	1220.046	312.509	307.169	307.505	306.833	L[8]
R	35	1257.743	273.812	274.472	274.808	274.136	R[7]
K	36	1314.778	227.778	222.439	222.775	222.103	K[6]
G	37	1333.785	185.880	179.740	180.076	179.404	G[5]
N	38	1371.799	166.873	160.733	161.069	160.397	N[4]
V	39	1426.154	128.098	122.719	123.055	122.383	V[3]
A	40	1469.213	83.304	83.304	83.304	83.304	A[2]
E	41	1492.847	50.025	44.635	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=60.30
- ▶ F113279.dat
- ▶ query=q45995.p1
- ▶ precursor=896.313160
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1120.133	1116.128	0.755	1115.879	S 41
G 2	51.780	1087.872	1083.868	0.755	1083.618	G 40
R 3	90.805	1073.611	1069.612	1069.864	1069.360	R 39
G 4	105.061	1034.592	1030.587	1030.839	1030.335	G 38
K 5	137.084	1020.336	1016.331	1016.584	1016.080	K 37
Q 6	189.089	988.313	984.308	984.560	984.056	Q 36
G 7	253.354	956.288	952.283	952.545	952.041	G 35
G 8	397.810	942.043	938.038	938.290	937.786	G 34
K 9	229.633	927.787	923.783	924.034	923.531	K 33
A 10	247.393	895.763	891.759	892.011	891.507	A 32
R 11	288.418	878.004	874.000	874.251	873.746	R 31
A 12	394.177	838.973	834.974	835.226	834.722	A 30
R 13	336.201	821.220	817.215	817.467	816.963	R 29
A 14	353.960	799.196	795.191	795.443	794.939	A 28
K 15	389.984	771.437	767.432	767.684	767.180	K 27
S 16	407.742	739.413	735.408	735.660	735.156	S 26
R 17	448.767	747.665	743.660	743.912	743.408	R 25
S 18	488.528	678.939	674.935	675.187	674.683	S 24
S 19	490.283	656.872	652.867	653.119	652.615	S 23
R 20	529.309	635.114	631.109	631.361	630.857	R 22
A 21	547.068	596.088	592.084	592.336	591.832	A 21
Q 22	561.323	578.329	574.324	574.576	574.072	Q 20
L 23	589.334	564.074	560.069	560.321	559.817	L 19
Q 24	621.609	536.803	532.798	533.050	532.546	Q 19
F 25	658.376	503.788	499.783	500.035	499.531	F 17
F 26	682.639	467.021	463.016	463.268	462.764	F 16
V 27	707.406	442.758	438.753	439.005	438.501	V 15
G 28	721.662	417.991	413.986	414.238	413.734	G 14
V 29	760.887	403.735	399.731	400.083	399.479	V 13
V 30	785.454	384.710	360.705	360.957	360.453	V 12
H 31	819.719	339.943	335.938	336.190	335.686	H 11
R 32	858.744	305.678	301.673	301.925	301.421	R 10
L 33	887.015	266.653	262.648	262.900	262.396	L 9
L 34	915.286	238.387	234.377	234.629	234.125	L 8
R 35	954.313	210.111	206.106	206.358	205.854	R 7
R 36	986.335	171.085	167.081	167.333	166.829	R 6
G 37	1000.590	139.062	135.057	135.309	134.805	G 5
N 38	1029.101	124.808	120.802	121.054	120.550	N 4
V 39	1069.867	96.290	92.291	92.543	92.039	V 3
A 40	1087.626	55.530	51.525	51.777	51.273	A 2
E 41	1119.387	37.771	33.766	34.018	33.514	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.16
- ▶ F113279.dat
- ▶ query=q46030.p1
- ▶ precursor=749.760050
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#±1	#±2	z	AA	
S	1	147.076	4392.569	4477.486	4.800	4476.414	S[41]
G	2	204.098	4364.462	4348.444	0.000	4347.430	G[40]
R	3	360.199	4307.441	4291.422	4202.430	4200.414	R[39]
G	4	417.220	4151.346	4135.321	4136.320	4134.311	G[38]
K	5	545.315	4094.318	4078.300	4079.307	4077.292	K[37]
G	6	613.374	3998.222	3990.205	3951.212	3949.210	G[36]
G	7	730.395	3938.105	3922.149	3913.154	3911.138	G[35]
G	8	787.417	3781.143	3765.126	3766.132	3764.117	G[34]
K	9	915.512	3724.122	3708.103	3709.111	3707.095	K[33]
A	10	986.549	3596.027	3580.008	3581.016	3579.000	A[32]
R	11	1142.650	3524.990	3508.971	3509.979	3507.963	R[31]
A	12	1213.687	3388.989	3382.970	3353.978	3351.962	A[30]
K	13	1341.752	3297.852	3281.833	3282.841	3280.825	K[29]
A	14	1412.819	3169.757	3153.738	3154.746	3152.730	A[28]
K	15	1540.914	3098.719	3082.701	3083.709	3081.693	K[27]
S	16	1627.946	2970.625	2954.606	2955.614	2953.598	S[26]
R	17	1784.047	2883.592	2867.574	2868.582	2866.566	R[25]
S	18	1871.078	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	1958.111	2640.458	2624.441	2625.448	2623.433	S[23]
R	20	2114.213	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2185.250	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2242.271	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2305.288	2269.248	2253.249	2254.257	2252.241	L[19]
G	24	2463.414	2158.184	2142.185	2143.173	2141.157	G[18]
F	25	2630.482	2028.125	2012.106	2013.114	2011.100	F[17]
F	26	2747.535	1881.051	1865.038	1866.046	1864.030	F[16]
V	27	2826.603	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2883.625	1698.973	1682.917	1668.824	1667.800	G[14]
R	29	3039.726	1627.914	1611.809	1612.903	1610.808	R[13]
V	30	3138.794	1471.813	1455.794	1456.802	1454.786	V[12]
H	31	3275.853	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3431.954	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3545.038	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3688.121	968.509	956.482	951.468	949.413	L[8]
R	35	3814.224	853.436	837.390	838.405	836.350	R[7]
K	36	3942.319	697.315	681.296	682.304	680.289	K[6]
G	37	3999.340	569.220	553.201	554.209	552.194	G[5]
N	38	4113.383	512.199	496.180	497.188	495.172	N[4]
V	39	4278.446	398.156	382.137	383.145	381.129	V[3]
S	40	4353.476	278.104	262.084	263.092	261.066	S[2]
E	41	4492.521	148.060	132.042	133.050	131.034	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.16
- ▶ F113279.dat
- ▶ query=q46030.p1
- ▶ precursor=749.760050
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA
G 1	74.062	2247.256	2229.257	8.804	2238.747	S(41)
G 2	102.553	2182.735	2174.726	0.504	2174.222	G(49)
R 3	180.603	2154.224	2146.215	2146.719	2145.711	R(39)
G 4	209.114	2076.174	2068.164	2068.666	2067.660	G(38)
K 5	273.161	2047.663	2039.653	2040.157	2039.150	K(37)
G 6	337.194	1983.615	1975.606	1976.110	1975.102	G(36)
G 7	365.703	1919.566	1911.577	1912.081	1911.073	G(35)
G 8	394.212	1891.075	1883.066	1883.570	1882.562	G(34)
K 9	458.260	1862.565	1854.555	1855.059	1854.051	K(33)
A 10	493.778	1798.517	1790.508	1791.012	1790.004	A(32)
R 11	577.829	1762.999	1754.989	1755.493	1754.485	R(31)
A 12	607.337	1684.949	1676.939	1677.443	1676.435	A(30)
R 13	671.395	1649.429	1641.420	1641.924	1640.916	R(29)
A 14	706.913	1585.383	1577.373	1577.876	1576.868	A(28)
K 15	770.961	1549.863	1541.854	1542.358	1541.350	K(27)
S 16	814.477	1485.816	1477.807	1478.310	1477.303	S(26)
R 17	852.527	1442.300	1434.291	1434.794	1433.786	R(25)
S 18	936.043	1384.249	1376.240	1376.744	1375.736	S(24)
S 19	979.559	1320.733	1312.724	1313.228	1312.220	S(23)
R 20	1057.610	1277.217	1269.208	1269.712	1268.704	R(22)
A 21	1093.128	1199.167	1191.157	1191.661	1190.653	A(21)
G 22	1127.639	1163.648	1155.639	1156.143	1155.135	G(20)
L 23	1179.183	1128.137	1120.127	1120.631	1119.623	L(19)
Q 24	1242.211	1078.595	1070.586	1071.090	1070.082	Q(18)
F 25	1315.745	1014.569	1006.557	1007.061	1006.053	F(17)
F 26	1364.271	941.033	933.023	933.526	932.519	F(16)
V 27	1413.805	892.506	884.496	885.000	884.992	V(15)
G 28	1442.316	842.971	834.962	835.466	834.458	G(14)
R 29	1500.509	814.461	806.451	806.955	805.947	R(13)
V 30	1569.901	736.410	728.401	728.905	727.897	V(12)
H 31	1638.430	688.876	678.866	679.370	678.363	H(11)
R 32	1716.461	618.346	610.337	610.841	609.833	R(10)
L 33	1773.023	540.296	532.286	532.790	531.783	L(9)
L 34	1829.968	489.794	481.783	482.287	481.280	L(8)
R 35	1907.915	427.212	419.202	419.706	418.699	R(7)
K 36	1971.663	349.161	341.152	341.656	340.648	K(6)
G 37	2000.174	285.114	277.104	277.608	276.600	G(5)
N 38	2057.195	256.603	248.594	249.098	248.090	N(4)
V 39	2138.227	199.562	191.572	192.076	191.068	V(3)
S 40	2192.813	118.056	110.047	110.551	109.543	S(2)
E 41	2246.764	74.534	66.524	67.028	66.021	E(1)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.16
- ▶ F113279.dat
- ▶ query=q46030.p1
- ▶ precursor=749.760050
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	48.697	1598.561	1483.187	8.872	1482.831	S[41]
G	2	86.704	1455.492	1450.153	0.672	1449.817	G[40]
R	3	1307.176	1436.485	1431.140	1431.402	1430.810	R[39]
G	4	139.745	1384.451	1379.112	1379.446	1378.776	G[38]
K	5	182.443	1305.444	1360.105	1360.441	1359.769	K[37]
Q	6	225.130	1322.746	1317.408	1317.742	1317.070	Q[36]
G	7	244.137	1306.090	1291.739	1275.056	1274.384	G[35]
G	8	263.144	1261.051	1255.713	1256.049	1255.377	G[34]
K	9	305.642	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	329.521	1199.347	1194.008	1194.344	1193.672	A[32]
R	11	381.555	1175.668	1170.329	1170.664	1169.993	R[31]
A	12	405.934	1133.834	1118.295	1118.631	1117.959	A[30]
K	13	447.932	1090.955	1084.613	1094.952	1094.281	K[29]
A	14	491.611	1057.257	1051.917	1052.253	1051.581	A[28]
K	15	514.310	1033.578	1028.238	1028.574	1027.902	K[27]
S	16	543.320	0990.880	985.540	985.876	985.204	S[26]
R	17	585.254	961.969	956.529	956.865	956.193	R[25]
S	18	624.365	909.835	904.495	904.831	904.160	S[24]
S	19	653.375	880.825	875.485	875.821	875.149	S[23]
R	20	705.409	851.814	846.474	846.810	846.138	R[22]
A	21	729.088	799.789	794.441	794.777	794.105	A[21]
G	22	768.095	776.101	770.762	771.098	770.426	G[20]
L	23	785.790	759.094	753.754	754.090	753.418	L[19]
Q	24	828.476	733.365	724.000	724.336	723.664	Q[18]
F	25	877.409	676.713	671.374	671.710	671.038	F[17]
F	26	909.850	627.600	622.351	622.687	622.015	F[16]
V	27	942.873	595.139	590.000	590.336	589.664	V[15]
G	28	981.880	562.317	556.977	557.313	556.641	G[14]
R	29	1013.914	443.309	437.970	438.306	437.634	R[13]
V	30	1046.936	490.275	485.036	486.372	485.699	V[12]
H	31	1092.623	458.253	452.913	453.249	452.577	H[11]
R	32	1144.656	412.967	407.227	407.563	406.891	R[10]
L	33	1182.351	360.533	355.193	355.529	354.857	L[9]
L	34	1220.046	322.574	317.489	317.825	317.153	L[8]
R	35	1271.979	285.144	279.804	280.140	279.468	R[7]
K	36	1314.778	233.110	227.770	228.106	227.434	K[6]
G	37	1333.785	190.412	185.072	185.408	184.736	G[5]
N	38	1371.799	171.404	166.065	166.401	165.729	N[4]
V	39	1426.154	133.390	128.051	128.387	127.715	V[3]
S	40	1455.164	99.136	93.796	94.132	93.460	S[2]
E	41	1498.178	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.16
- ▶ F113279.dat
- ▶ query=q46030.p1
- ▶ precursor=749.760050
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	17.526	1124.132	1120.137	0.755	1119.875	S 41
G 2	51.780	1091.871	1087.886	0.755	1087.614	G 40
R 3	90.805	1077.610	1071.611	1073.863	1073.359	R 39
G 4	105.061	1039.590	1034.588	1034.838	1034.334	G 38
K 5	137.084	1024.329	1020.330	1020.330	1020.076	K 37
G 6	169.099	992.311	998.307	998.559	998.055	G 36
G 7	183.394	960.297	956.302	956.544	956.040	G 35
G 8	197.610	946.041	942.037	942.289	941.785	G 34
K 9	229.633	931.780	927.781	928.033	927.529	K 33
A 10	247.303	899.762	895.757	896.009	895.506	A 32
R 11	286.418	862.003	857.998	858.250	857.746	R 31
A 12	304.177	843.970	838.973	839.225	838.721	A 30
K 13	338.201	825.218	821.214	821.466	820.960	K 29
A 14	353.960	793.195	789.190	789.442	788.938	A 28
K 15	385.984	775.435	771.431	771.683	771.179	K 27
S 16	407.742	743.412	739.407	739.659	739.155	S 26
R 17	446.767	721.854	717.849	717.991	717.391	R 25
S 18	468.525	692.626	688.631	678.876	678.372	S 24
S 19	490.283	660.870	656.866	657.118	656.614	S 23
R 20	529.309	639.112	635.108	635.360	634.856	R 22
A 21	547.068	606.087	596.082	596.334	595.830	A 21
G 22	561.323	582.328	578.323	578.575	578.071	G 20
L 23	589.594	568.072	564.068	564.320	563.816	L 19
G 24	621.869	539.861	535.857	536.049	535.545	G 18
F 25	658.376	507.787	503.782	504.034	503.530	F 17
P 26	682.639	471.020	467.015	467.267	466.763	P 16
V 27	707.406	446.756	442.752	443.004	442.500	V 15
G 28	721.662	421.989	417.985	418.237	417.733	G 14
R 29	760.687	407.734	403.729	403.981	403.477	R 13
V 30	785.454	389.769	384.764	384.956	384.452	V 12
H 31	819.719	343.942	339.937	340.189	339.685	H 11
R 32	858.744	309.677	305.672	305.924	305.420	R 10
L 33	887.015	270.652	266.647	266.899	266.395	L 9
L 34	915.286	242.381	238.376	238.628	238.124	L 8
R 35	954.311	214.110	210.105	210.357	209.853	R 7
K 36	936.135	175.984	171.980	172.232	171.728	K 6
G 37	1000.590	143.061	139.056	139.308	138.804	G 5
N 38	1029.101	128.805	124.800	125.052	124.548	N 4
Y 39	1069.867	100.294	96.290	96.542	96.038	Y 3
S 40	1091.625	59.520	55.524	55.776	55.272	S 2
E 41	1123.886	37.771	33.766	34.018	33.514	E 1

sp | Q8BFU2 | H2A3_MOUSE

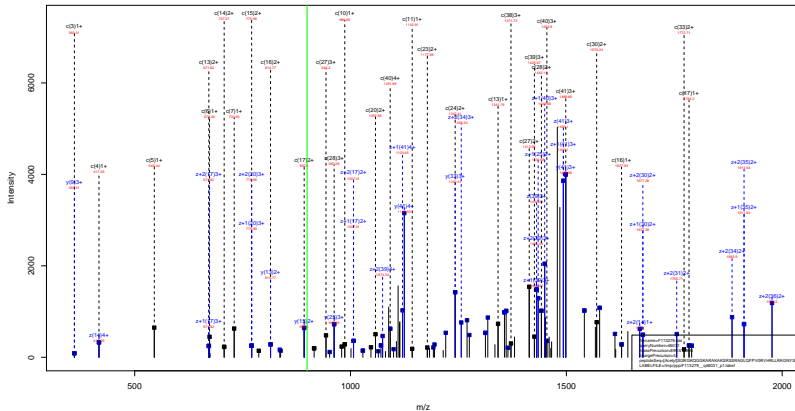
[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.16
- ▶ F113279.dat
- ▶ query=q46030_p1
- ▶ precursor=749.760050
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	899.507	896.303	0.806	896.102	S	41
G	2	41.625	873.698	870.458	0.806	870.293	G	40
R	3	72.846	862.294	859.090	859.292	858.889	R	39
G	4	84.250	831.074	827.870	828.072	827.668	G	38
K	5	109.869	819.669	816.465	816.667	816.264	K	37
Q	6	135.481	794.050	790.847	791.048	790.645	Q	36
G	7	146.885	768.439	765.235	765.437	765.033	G	35
G	8	158.289	757.034	753.831	754.032	753.629	G	34
K	9	183.908	745.930	742.428	742.628	742.225	K	33
A	10	198.116	720.011	716.807	717.009	716.606	A	32
R	11	229.336	705.804	702.600	702.802	702.398	R	31
A	12	243.543	674.984	671.380	671.581	671.178	A	30
K	13	269.162	660.376	657.172	657.374	656.971	K	29
A	14	283.370	634.757	631.553	631.755	631.352	A	28
K	15	308.989	620.550	617.346	617.548	617.144	K	27
S	16	326.395	594.931	591.727	591.929	591.525	S	26
R	17	357.615	577.524	574.321	574.522	574.119	R	25
S	18	375.022	546.304	543.100	543.302	542.899	S	24
S	19	392.428	528.898	525.694	525.896	525.492	S	23
R	20	423.648	511.491	508.288	508.489	508.086	R	22
A	21	437.856	480.271	477.067	477.269	476.866	A	21
G	22	449.260	466.064	462.860	463.061	462.658	G	20
L	23	471.877	494.659	451.456	451.657	451.254	L	19
Q	24	497.489	432.043	428.839	429.040	428.637	Q	18
F	25	528.902	406.431	403.227	403.429	403.026	F	17
P	26	546.313	377.017	373.813	374.015	373.612	P	16
V	27	565.126	357.607	354.403	354.604	354.201	V	15
G	28	577.531	337.793	334.589	334.791	334.388	G	14
R	29	608.751	326.386	323.182	323.384	322.981	R	13
V	30	628.565	295.168	291.965	292.166	291.763	V	12
H	31	658.976	275.355	272.151	272.353	271.949	H	11
R	32	687.197	247.943	244.739	244.941	244.538	R	10
L	33	709.814	216.723	213.519	213.721	213.317	L	9
L	34	732.430	194.106	190.902	191.104	190.701	L	8
R	35	763.651	171.489	168.285	168.487	168.084	R	7
K	36	789.270	140.269	137.065	137.267	136.864	K	6
G	37	839.674	114.650	111.446	111.648	111.245	G	5
N	38	823.482	103.246	100.042	100.243	99.840	N	4
V	39	856.095	80.437	77.233	77.435	77.032	V	3
S	40	873.501	47.824	44.621	44.822	44.419	S	2
E	41	899.310	30.418	27.214	27.416	27.013	E	1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE



sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=74.77
- ▶ F113279.dat
- ▶ query=q46031.p1
- ▶ precursor=899.510800
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#+1	#+2	z	AA	
S	1	147.076	4392.562	4477.486	4.800	4476.411	S[41]
G	2	204.098	4364.462	4348.444	0.000	4347.430	G[40]
R	3	360.199	4307.441	4291.422	4202.430	4200.414	R[39]
G	4	417.220	4151.346	4135.321	4136.320	4134.311	G[38]
K	5	545.315	4094.318	4078.300	4079.307	4077.292	K[37]
G	6	613.374	3998.222	3990.205	3951.212	3949.210	G[36]
G	7	730.395	3938.105	3820.149	3873.154	3821.138	G[35]
G	8	787.417	3781.143	3765.126	3766.132	3764.117	G[34]
K	9	915.512	3724.122	3708.103	3709.111	3707.095	K[33]
A	10	960.549	3596.027	3580.008	3581.016	3579.000	A[32]
R	11	1142.650	3524.990	3508.971	3509.979	3507.963	R[31]
A	12	1213.697	3368.989	3352.970	3353.978	3351.962	A[30]
R	13	1341.782	3297.952	3281.933	3282.941	3280.925	R[29]
A	14	1432.819	3169.927	3153.908	3154.916	3152.900	A[28]
K	15	1540.914	3098.919	3082.901	3083.909	3081.893	K[27]
S	16	1627.946	2970.875	2954.856	2955.864	2953.848	S[26]
R	17	1784.047	2883.922	2867.904	2868.912	2866.896	R[25]
S	18	1813.079	2727.891	2711.873	2712.880	2710.864	S[24]
S	19	1958.111	2640.858	2624.841	2625.848	2623.833	S[23]
R	20	2114.213	2553.827	2537.809	2538.816	2536.801	R[22]
A	21	2185.250	2397.792	2381.773	2382.781	2380.765	A[21]
G	22	2242.271	2236.769	2220.750	2221.758	2219.743	G[20]
L	23	2305.288	2089.748	2073.729	2074.737	2072.721	L[19]
G	24	2463.414	2158.744	2142.725	2143.733	2141.717	G[18]
F	25	2630.482	2028.725	2012.706	2013.714	2011.700	F[17]
F	26	2747.535	1881.651	1865.638	1866.646	1864.630	F[16]
V	27	2826.603	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2883.625	1688.617	1666.524	1667.532	1665.516	G[14]
R	29	3039.706	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3138.794	1471.813	1455.794	1456.802	1454.786	V[12]
H	31	3275.853	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3431.954	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3545.038	1079.584	1063.565	1064.573	1062.557	L[9]
L	34	3689.121	868.509	852.492	851.489	849.473	L[8]
R	35	3814.224	653.416	637.398	638.405	636.390	R[7]
K	36	3942.319	497.315	481.296	482.304	480.289	K[6]
G	37	3999.340	509.220	493.201	494.209	492.194	G[5]
N	38	4113.383	512.199	496.180	497.188	495.172	N[4]
V	39	4278.446	398.156	382.137	383.145	381.129	V[3]
S	40	4353.476	278.104	262.084	263.092	261.076	S[2]
E	41	4492.521	148.060	132.042	133.050	131.034	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=74.77
- ▶ F113279.dat
- ▶ query=q46031.p1
- ▶ precursor=899.510800
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2247.256	2229.257	0.804	2238.747	S[41]
G	2	102.553	2182.735	2174.726	0.504	2174.222	G[40]
R	3	180.603	2154.224	2146.215	2146.719	2145.711	R[39]
G	4	209.114	2076.174	2068.164	2068.666	2067.660	G[38]
K	5	273.161	2047.663	2039.653	2040.157	2039.150	K[37]
G	6	327.194	1988.615	1979.602	1976.110	1975.102	G[36]
G	7	385.704	1919.586	1911.577	1912.081	1911.073	G[35]
G	8	394.212	1891.075	1883.066	1883.570	1882.562	G[34]
K	9	458.260	1862.565	1854.555	1855.059	1854.051	K[33]
A	10	493.778	1798.517	1790.508	1791.012	1790.004	A[32]
R	11	571.820	1762.999	1754.989	1755.493	1754.485	R[31]
A	12	609.939	1684.944	1676.939	1677.443	1676.435	A[30]
R	13	671.395	1649.420	1641.410	1641.924	1640.916	R[29]
A	14	706.913	1585.363	1577.373	1577.876	1576.869	A[28]
K	15	770.961	1549.861	1541.854	1542.358	1541.350	K[27]
S	16	814.477	1485.816	1477.807	1478.310	1477.303	S[26]
R	17	892.527	1442.260	1434.261	1434.764	1433.762	R[25]
S	18	928.618	1364.249	1356.240	1356.744	1355.736	S[24]
S	19	970.559	1320.731	1312.724	1313.228	1312.220	S[23]
R	20	1057.610	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1093.128	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1129.639	1163.648	1155.639	1156.143	1155.135	G[20]
L	23	1178.181	1128.137	1120.127	1120.632	1119.624	L[19]
Q	24	1242.211	1078.595	1070.586	1071.090	1070.082	Q[18]
F	25	1315.745	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1364.271	941.033	933.023	933.526	932.519	F[16]
V	27	1413.805	892.506	884.496	885.000	883.992	V[15]
G	28	1442.316	824.962	816.952	817.456	816.448	G[14]
R	29	1525.859	814.461	806.451	806.955	805.947	R[13]
V	30	1569.901	736.410	728.401	728.905	727.897	V[12]
H	31	1638.430	668.876	660.866	661.370	660.363	H[11]
R	32	1776.461	618.346	610.337	610.841	609.833	R[10]
L	33	1773.023	540.206	532.196	532.700	531.693	L[9]
L	34	1829.565	469.794	461.783	462.288	461.281	L[8]
R	35	1907.615	427.212	419.202	419.706	418.699	R[7]
K	36	1971.663	349.161	341.152	341.656	340.648	K[6]
G	37	2008.174	285.114	277.104	277.608	276.601	G[5]
N	38	2057.195	256.603	248.594	249.098	248.090	N[4]
V	39	2138.227	189.562	181.572	182.076	181.068	V[3]
S	40	2182.613	118.056	110.047	110.551	109.543	S[2]
E	41	2246.764	74.534	66.524	67.028	66.021	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=74.77
- ▶ F113279.dat
- ▶ query=q46031.p1
- ▶ precursor=899.510800
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	#s	AA	
S	1	489.607	1498.507	1493.167	0.672	1492.831	S[41]
G	2	66.704	1455.452	1450.153	0.672	1449.817	G[40]
R	3	1307.190	1436.485	1431.146	1431.482	1430.810	R[39]
G	4	139.745	1384.451	1379.132	1379.446	1378.770	G[38]
K	5	182.443	1365.444	1360.105	1360.441	1359.769	K[37]
G	6	225.130	1322.746	1317.408	1317.742	1317.070	G[36]
G	7	244.137	1306.090	1291.739	1275.056	1274.384	G[35]
G	8	263.144	1261.053	1255.713	1256.049	1255.377	G[34]
K	9	305.642	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	329.521	1199.341	1194.008	1194.344	1193.672	A[32]
R	11	381.555	1175.668	1170.329	1170.664	1169.993	R[31]
A	12	405.234	1133.835	1128.295	1128.631	1127.959	A[30]
K	13	447.932	1099.955	1094.618	1094.952	1094.281	K[29]
A	14	491.611	1057.257	1051.917	1052.253	1051.582	A[28]
K	15	514.310	1033.578	1028.238	1028.574	1027.902	K[27]
S	16	543.320	990.880	985.540	985.876	985.204	S[26]
R	17	595.354	961.969	956.529	956.865	956.193	R[25]
S	18	624.365	959.875	954.495	954.832	954.160	S[24]
S	19	653.375	980.825	875.485	875.821	875.149	S[23]
R	20	705.409	851.614	846.474	846.810	846.138	R[22]
A	21	729.088	799.789	794.441	794.777	794.105	A[21]
G	22	748.095	776.101	770.762	771.098	770.426	G[20]
L	23	785.794	739.094	734.754	735.090	734.419	L[19]
Q	24	828.476	719.366	714.000	714.366	713.724	Q[18]
F	25	897.409	676.713	671.374	671.710	671.038	F[17]
F	26	909.950	627.600	622.351	622.687	622.015	F[16]
V	27	942.873	595.139	590.000	590.336	589.664	V[15]
G	28	961.860	562.317	556.977	557.313	556.641	G[14]
R	29	1013.814	443.309	437.910	438.268	437.624	R[13]
V	30	1046.936	490.275	485.036	486.272	485.600	V[12]
H	31	1092.623	458.253	452.913	453.249	452.577	H[11]
R	32	1144.656	412.967	407.227	407.563	406.891	R[10]
L	33	1182.351	360.533	355.193	355.529	354.857	L[9]
L	34	1230.046	322.876	317.489	317.826	317.154	L[8]
R	35	1272.079	285.144	279.804	280.140	279.466	R[7]
K	36	1314.778	233.110	227.770	228.106	227.434	K[6]
G	37	1333.785	190.412	185.072	185.408	184.736	G[5]
N	38	1371.799	171.404	166.065	166.401	165.729	N[4]
V	39	1426.154	133.390	128.051	128.386	127.715	V[3]
S	40	1455.164	99.036	93.696	94.032	93.360	S[2]
E	41	1498.178	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=74.77
- ▶ F113279.dat
- ▶ query=q46031.p1
- ▶ precursor=899.510800
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1124.132	1120.127	0.755	1119.875	S 41
G 2	51.780	1091.071	1087.866	0.755	1087.614	G 40
R 3	90.805	1077.618	1073.611	1073.863	1073.359	R 39
G 4	105.061	1038.590	1034.586	1034.838	1034.334	G 38
K 5	137.084	1024.335	1020.330	1020.582	1020.078	K 37
Q 6	189.089	992.311	988.307	988.559	988.055	Q 36
G 7	253.354	950.290	946.282	946.544	946.040	G 35
G 8	397.810	948.041	942.037	942.289	941.785	G 34
K 9	229.633	931.788	927.781	928.033	927.529	K 33
A 10	247.393	899.762	895.757	896.009	895.506	A 32
R 11	286.418	882.003	877.998	878.250	877.746	R 31
A 12	394.177	842.978	838.973	839.225	838.721	A 30
R 13	336.201	825.218	821.214	821.466	820.962	R 29
A 14	353.960	793.195	789.190	789.442	788.938	A 28
K 15	385.984	775.435	771.431	771.683	771.179	K 27
S 16	407.742	743.412	739.407	739.659	739.155	S 26
R 17	446.767	721.854	717.849	718.101	717.597	R 25
S 18	468.526	682.628	678.624	678.876	678.372	S 24
S 19	490.283	660.870	656.866	657.118	656.614	S 23
R 20	529.309	639.112	635.108	635.360	634.856	R 22
A 21	547.068	600.889	596.882	596.134	595.830	A 21
G 22	561.323	582.320	578.323	578.575	578.071	G 20
L 23	589.334	568.072	564.068	564.320	563.816	L 19
Q 24	621.869	539.801	535.797	536.049	535.545	Q 19
F 25	658.376	507.781	503.782	504.034	503.530	F 17
P 26	682.639	471.020	467.021	467.267	466.763	P 16
V 27	707.406	446.758	442.752	443.004	442.500	V 15
G 28	721.662	421.989	417.985	418.237	417.733	G 14
R 29	760.887	407.734	403.729	403.981	403.477	R 13
H 30	785.454	388.759	384.754	384.956	384.452	H 12
H 31	819.719	343.942	339.937	340.189	339.685	H 11
R 32	858.744	309.677	305.672	305.924	305.420	R 10
L 33	887.015	270.652	266.647	266.899	266.395	L 9
L 34	915.286	242.381	238.376	238.628	238.124	L 8
R 35	924.113	214.113	210.108	210.360	209.856	R 7
R 36	986.335	175.084	171.080	171.332	170.828	R 6
G 37	1000.590	143.061	139.056	139.308	138.804	G 5
N 38	1029.101	128.805	124.800	125.052	124.548	N 4
V 39	1099.887	100.294	96.290	96.542	96.038	V 3
S 40	1091.625	99.529	95.524	95.776	95.272	S 2
E 41	1123.888	97.771	93.766	94.018	93.514	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.18
- ▶ F113279.dat
- ▶ query=q46035.p1
- ▶ precursor=899.511040
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	w	#±1	#±2	z	AA	
S	1	147.076	4392.562	5477.486	8.808	5478.411	S[41]
G	2	204.098	4364.462	4348.444	0.000	4347.430	G[40]
R	3	360.199	4307.441	4291.422	4292.430	4290.414	R[39]
G	4	417.220	4151.346	4135.321	4136.329	4134.311	G[38]
K	5	545.315	4094.318	4078.300	4079.307	4077.292	K[37]
G	6	613.374	3998.222	3990.205	3951.212	3949.210	G[36]
G	7	730.395	3938.105	3820.149	3819.154	3821.158	G[35]
G	8	787.417	3781.143	3765.126	3766.132	3764.111	G[34]
K	9	915.512	3724.122	3708.103	3709.111	3707.095	K[33]
A	10	980.549	3596.027	3580.008	3581.016	3579.000	A[32]
R	11	1142.650	3524.990	3508.971	3509.979	3507.961	R[31]
A	12	1213.697	3388.989	3382.970	3353.978	3351.960	A[30]
K	13	1341.782	3297.852	3281.833	3282.841	3280.825	K[29]
A	14	1412.819	3169.757	3153.738	3154.746	3152.730	A[28]
K	15	1540.914	3098.719	3082.701	3083.709	3081.693	K[27]
S	16	1627.946	2970.625	2954.606	2955.614	2953.598	S[26]
R	17	1784.047	2883.592	2867.574	2868.582	2866.566	R[25]
S	18	1813.079	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	1958.111	2640.458	2624.441	2625.448	2623.433	S[23]
R	20	2114.213	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2185.250	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2242.271	2236.289	2220.270	2211.278	2209.263	G[20]
L	23	2305.308	2089.248	2073.249	2074.257	2072.241	L[19]
G	24	2463.414	2158.184	2142.185	2143.173	2139.157	G[18]
F	25	2630.482	2028.125	2012.106	2013.114	2011.098	F[17]
F	26	2747.535	1881.051	1865.030	1866.046	1864.030	F[16]
V	27	2826.603	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2883.625	1698.917	1682.917	1668.924	1667.907	G[14]
R	29	3039.706	1627.914	1611.895	1612.903	1610.888	R[13]
V	30	3138.794	1471.813	1455.794	1456.802	1454.786	V[12]
H	31	3275.853	1372.744	1356.726	1367.734	1355.718	H[11]
R	32	3431.954	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3545.038	1079.584	1063.585	1064.593	1062.555	L[9]
L	34	3689.121	968.509	952.482	951.489	949.411	L[8]
R	35	3814.224	853.416	837.398	836.405	835.388	R[7]
K	36	3942.319	697.315	681.296	682.304	680.289	K[6]
G	37	3999.340	569.220	553.201	554.209	552.194	G[5]
N	38	4113.383	512.199	496.180	497.188	495.172	N[4]
V	39	4278.446	398.156	382.137	383.145	381.129	V[3]
S	40	4353.476	278.104	262.084	263.092	261.066	S[2]
E	41	4492.521	148.060	132.042	133.050	131.034	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.18
- ▶ F113279.dat
- ▶ query=q46035.p1
- ▶ precursor=899.511040
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	2347.256	2739.247	0.504	2238.743	S 41
G 2	102.553	2162.735	2174.725	0.504	2174.222	G 40
R 3	180.603	2154.824	2146.219	2146.719	2145.711	R 39
G 4	209.114	2076.174	2068.164	2068.668	2067.660	G 38
K 5	273.161	2047.663	2039.653	2040.157	2039.150	K 37
Q 6	337.193	1983.816	1975.406	1976.110	1975.102	Q 36
G 7	365.701	1919.588	1911.577	1912.081	1911.073	G 35
G 8	394.212	1891.075	1883.066	1883.570	1882.562	G 34
K 9	458.260	1862.565	1854.555	1855.059	1854.051	K 33
A 10	493.778	1798.517	1790.508	1791.012	1790.004	A 32
R 11	571.829	1762.999	1754.989	1755.493	1754.485	R 31
A 12	607.387	1694.948	1676.938	1677.443	1676.435	A 30
R 13	671.395	1649.429	1641.420	1641.924	1640.916	R 29
A 14	706.913	1585.382	1577.373	1577.876	1576.869	A 28
K 15	770.961	1549.803	1541.854	1542.358	1541.350	K 27
S 16	814.477	1485.816	1477.807	1478.310	1477.303	S 26
R 17	892.527	1442.300	1434.291	1434.794	1433.787	R 25
S 18	936.043	1394.250	1386.240	1386.744	1385.736	S 24
S 19	979.559	1320.733	1312.724	1313.228	1312.220	S 23
R 20	1057.610	1277.217	1269.208	1269.712	1268.704	R 22
A 21	1093.128	1199.067	1191.157	1191.661	1190.653	A 21
Q 22	1121.639	1163.048	1155.039	1156.143	1155.135	Q 20
L 23	1178.181	1126.137	1122.128	1122.632	1121.624	L 19
Q 24	1242.211	1078.595	1070.586	1071.090	1070.082	Q 19
F 25	1315.748	1014.568	1006.557	1007.061	1006.053	F 17
F 26	1364.271	941.032	933.023	933.526	932.519	F 16
V 27	1413.805	892.506	884.496	885.000	883.992	V 15
G 28	1442.316	842.071	834.062	835.466	834.458	G 14
V 29	1525.387	814.461	806.451	806.955	805.947	V 13
V 30	1569.901	738.430	728.421	728.924	727.916	V 12
H 31	1638.430	686.876	678.866	679.370	678.363	H 11
R 32	1716.481	618.346	610.337	610.841	609.833	R 10
L 33	1773.023	540.290	532.280	532.790	531.783	L 9
L 34	1829.565	483.754	475.744	476.248	475.241	L 8
R 35	1867.815	427.212	419.202	419.706	418.698	R 7
R 36	1971.963	349.161	341.152	341.656	340.648	R 6
G 37	2000.174	285.114	277.104	277.608	276.600	G 5
N 38	2067.195	256.603	248.594	249.098	248.090	N 4
V 39	2138.727	199.982	191.973	192.476	191.469	V 3
S 40	2182.241	118.050	110.041	110.544	109.537	S 2
E 41	2246.784	74.534	66.524	67.028	66.021	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.18
- ▶ F113279.dat
- ▶ query=q46035.p1
- ▶ precursor=899.511040
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1498.507	1493.167	0.872	2482.831	S[41]
G	2	66.704	1455.492	1450.153	0.872	1449.817	G[40]
R	3	1307.718	1439.485	1431.140	1431.482	1430.810	R[39]
G	4	139.745	1384.451	1379.112	1379.448	1378.770	G[38]
K	5	182.443	1365.444	1360.105	1360.441	1359.707	K[37]
G	6	225.130	1322.746	1317.407	1317.742	1317.070	G[36]
G	7	244.137	1289.095	1274.720	1275.056	1274.384	G[35]
G	8	263.144	1261.051	1255.713	1256.049	1255.377	G[34]
K	9	305.642	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	329.521	1199.347	1194.008	1194.344	1193.672	A[32]
R	11	381.555	1175.688	1170.329	1170.664	1169.993	R[31]
A	12	405.234	1132.934	1128.297	1128.631	1127.959	A[30]
K	13	447.932	1099.955	1094.615	1094.952	1094.280	K[29]
A	14	491.611	1057.257	1051.917	1052.253	1051.580	A[28]
K	15	514.310	1033.578	1028.238	1028.574	1027.902	K[27]
S	16	543.320	990.887	985.548	985.876	985.204	S[26]
R	17	595.254	961.869	956.529	956.865	956.193	R[25]
S	18	624.265	959.937	954.598	954.932	954.260	S[24]
S	19	653.275	920.825	915.485	915.821	915.149	S[23]
R	20	705.409	951.814	946.474	946.810	946.138	R[22]
A	21	729.088	799.789	794.441	794.777	794.101	A[21]
G	22	748.095	778.101	770.762	771.098	770.426	G[20]
L	23	785.790	739.094	733.754	734.090	733.419	L[19]
Q	24	828.476	719.309	714.000	714.306	713.224	Q[18]
F	25	897.409	676.713	671.374	671.710	671.038	F[17]
F	26	909.950	627.600	622.351	622.687	622.015	F[16]
V	27	942.873	595.139	590.000	590.336	589.664	V[15]
G	28	961.860	562.317	556.977	557.313	556.641	G[14]
R	29	1013.614	543.309	537.910	538.208	537.524	R[13]
V	30	1046.936	490.276	485.038	486.272	485.600	V[12]
H	31	1092.623	458.253	452.913	453.249	452.577	H[11]
R	32	1184.656	412.967	407.227	407.563	406.891	R[10]
L	33	1182.351	360.533	355.193	355.529	354.857	L[9]
L	34	1220.046	322.874	317.489	317.825	317.151	L[8]
R	35	1272.804	285.144	279.804	280.140	279.468	R[7]
K	36	1314.778	233.110	227.770	228.106	227.434	K[6]
G	37	1333.785	190.412	185.072	185.408	184.736	G[5]
N	38	1371.799	171.404	166.065	166.401	165.729	N[4]
V	39	1426.154	133.290	128.051	128.386	127.715	V[3]
S	40	1455.104	99.139	93.900	94.232	93.560	S[2]
E	41	1498.178	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

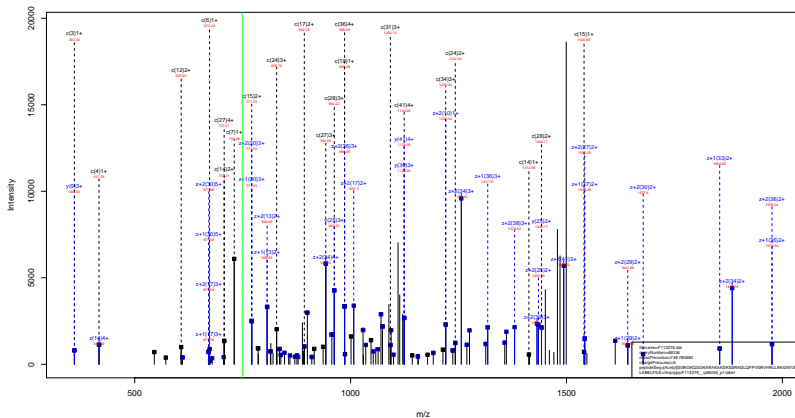
[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=69.18
- ▶ F113279.dat
- ▶ query=q46035.p1
- ▶ precursor=899.511040
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	#s1	#s2	#s	AA
S	1	37.505	1124.132	1120.127	0.705	1110.975	S[41]
G	2	51.780	1091.871	1087.866	0.795	1087.614	G[40]
R	3	90.805	1077.610	1073.611	1073.863	1073.590	R[39]
G	4	109.061	1038.590	1034.589	1034.838	1034.334	G[38]
K	5	137.084	1024.335	1020.330	1020.582	1020.078	K[37]
G	6	169.059	992.311	988.307	988.559	988.055	G[36]
G	7	183.354	956.291	952.287	952.544	952.040	G[35]
G	8	197.610	940.041	942.037	942.289	941.795	G[34]
K	9	229.633	931.788	927.781	928.033	927.529	K[33]
A	10	247.393	899.762	895.757	896.009	895.505	A[32]
R	11	266.418	882.003	877.998	878.250	877.746	R[31]
A	12	304.177	842.918	838.973	839.225	834.721	A[30]
K	13	336.201	825.215	821.214	821.466	820.962	K[29]
A	14	353.960	793.195	789.189	789.442	788.938	A[28]
K	15	385.984	775.435	771.431	771.683	771.179	K[27]
S	16	407.742	743.412	739.407	739.659	739.155	S[26]
R	17	446.767	721.954	717.949	717.901	717.397	R[25]
S	18	468.526	692.629	688.624	688.876	688.372	S[24]
S	19	490.283	660.670	656.666	657.118	656.614	S[23]
R	20	529.309	638.112	634.108	635.360	634.856	R[22]
A	21	547.068	600.087	596.082	596.334	595.830	A[21]
G	22	561.323	582.328	578.323	578.575	578.071	G[20]
L	23	589.394	568.072	564.068	564.320	563.816	L[19]
Q	24	621.609	539.801	535.797	536.049	535.545	Q[18]
F	25	658.376	507.787	503.782	504.034	503.530	F[17]
F	26	682.639	471.020	467.015	467.267	466.763	F[16]
V	27	707.406	446.756	442.752	443.004	442.500	V[15]
G	28	721.662	421.989	417.985	418.237	417.733	G[14]
R	29	760.687	389.134	385.129	385.381	384.877	R[13]
V	30	785.454	368.709	364.704	364.956	364.452	V[12]
H	31	819.710	343.942	339.937	340.189	339.685	H[11]
R	32	858.744	309.677	305.672	305.924	305.420	R[10]
L	33	897.015	270.652	266.647	266.899	266.395	L[9]
L	34	915.286	242.361	238.356	238.608	238.104	L[8]
R	35	934.313	214.110	210.105	210.357	209.853	R[7]
K	36	966.335	175.084	171.080	171.332	170.828	K[6]
G	37	1000.590	143.061	139.056	139.308	138.804	G[5]
N	38	1029.101	128.805	124.800	125.052	124.548	N[4]
V	39	1067.777	100.294	96.289	96.542	96.038	V[3]
S	40	1091.625	98.529	94.524	94.776	94.272	S[2]
E	41	1123.886	97.771	93.766	94.018	93.514	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGNYS



sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.49
- ▶ F113279.dat
- ▶ query=q46036.p1
- ▶ precursor=749.760680
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4493.505	4477.486	0.000	4476.478	S 41
G 2	304.098	4364.463	4348.444	0.000	4347.436	G 40
R 3	360.199	4307.441	4291.422	4292.430	4290.414	R 39
G 4	417.220	4151.340	4135.321	4136.329	4134.313	G 38
K 5	543.315	4094.318	4078.300	4079.307	4077.292	K 37
Q 6	673.174	3956.273	3950.255	3951.212	3949.197	Q 36
G 7	730.395	3836.165	3822.146	3823.154	3821.138	G 35
G 8	787.417	3781.143	3765.125	3766.132	3764.117	G 34
K 9	915.512	3724.122	3708.103	3709.111	3707.095	K 33
A 10	986.549	3696.027	3680.008	3681.016	3679.000	A 32
R 11	1142.850	3524.990	3508.971	3509.979	3507.963	R 31
A 12	1213.687	3368.989	3352.970	3353.978	3351.962	A 30
K 13	1354.799	3297.852	3281.833	3282.841	3280.825	K 29
A 14	1412.819	3169.757	3153.738	3154.746	3152.730	A 28
K 15	1540.914	3098.719	3082.700	3083.709	3081.693	K 27
S 16	1627.946	2970.625	2954.606	2955.614	2953.598	S 26
R 17	1784.047	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1873.079	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1958.111	2640.458	2624.441	2625.448	2623.433	S 23
R 20	2114.213	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2185.250	2497.326	2481.307	2482.315	2480.300	A 21
G 22	2242.271	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2355.355	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2483.414	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2630.482	2028.125	2012.106	2013.114	2011.098	F 17
P 26	2727.535	1881.057	1865.038	1866.046	1864.030	P 16
V 27	2826.603	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2883.625	1684.935	1668.916	1669.924	1667.909	G 14
R 29	3039.726	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3138.764	1519.833	1503.814	1504.822	1502.806	V 12
H 31	3275.853	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3431.954	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3545.038	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3658.123	959.500	950.482	951.489	949.474	L 8
R 35	3814.224	853.416	837.398	838.405	836.390	R 7
K 36	3932.319	697.315	681.296	682.304	680.289	K 6
G 37	3999.340	569.220	553.201	554.209	552.194	G 5
N 38	4113.383	512.109	496.100	497.108	495.172	N 4
Y 39	4276.446	396.156	380.137	381.145	381.129	Y 3
S 40	4363.478	235.092	219.074	220.082	218.066	S 2
E 41	4492.521	148.060	132.042	133.050	131.034	E 1

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.49
- ▶ F113279.dat
- ▶ query=q46036.p1
- ▶ precursor=749.760680
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s=1	#s=2	z	AA
G 1	74.062	2247.256	2229.267	0.804	2238.74	S(1)
G 2	102.553	2182.735	2174.726	0.504	2174.222	G(2)
R 3	180.603	2154.224	2146.215	2146.719	2145.711	R(3)
G 4	209.114	2076.174	2068.164	2068.666	2067.660	G(3)
K 5	273.161	2047.663	2039.653	2040.157	2039.150	K(37)
G 6	327.194	1983.615	1975.606	1976.110	1975.102	G(36)
G 7	365.703	1919.566	1911.557	1912.061	1911.053	G(35)
G 8	394.212	1891.075	1883.066	1883.570	1882.562	G(34)
K 9	458.260	1862.565	1854.555	1855.059	1854.051	K(33)
A 10	493.773	1798.517	1790.508	1791.012	1790.004	A(32)
R 11	571.829	1762.999	1754.989	1755.493	1754.485	R(31)
A 12	607.347	1698.454	1690.445	1690.949	1689.941	A(30)
R 13	671.395	1649.420	1641.420	1641.924	1640.916	R(29)
A 14	706.913	1585.363	1577.353	1577.857	1576.849	A(28)
K 15	770.961	1549.861	1541.854	1542.358	1541.350	K(27)
S 16	814.477	1485.816	1477.807	1478.310	1477.303	S(26)
R 17	892.527	1442.300	1434.291	1434.794	1433.786	R(25)
S 18	936.043	1384.259	1376.250	1376.744	1375.736	S(24)
S 19	999.559	1320.733	1312.724	1313.228	1312.220	S(23)
R 20	1057.610	1277.217	1269.208	1269.712	1268.704	R(22)
A 21	1093.128	1199.161	1191.157	1191.661	1190.653	A(21)
G 22	1121.639	1163.648	1155.639	1156.143	1155.135	G(20)
L 23	1178.181	1108.137	1100.127	1100.631	1099.623	L(19)
G 24	1242.211	1078.595	1070.586	1071.090	1070.082	G(18)
F 25	1315.745	1014.506	1006.559	1007.061	1006.053	F(17)
F 26	1364.271	941.033	933.033	933.536	932.519	F(16)
V 27	1413.805	892.506	884.496	885.000	884.992	V(15)
G 28	1442.316	827.071	819.062	819.566	818.558	G(14)
R 29	1503.559	814.461	806.451	806.955	805.947	R(13)
V 30	1569.901	736.410	728.401	728.905	727.897	V(12)
H 31	1636.430	668.876	678.886	679.370	678.363	H(11)
R 32	1716.481	618.346	610.337	610.841	609.833	R(10)
L 33	1773.023	540.206	532.206	532.709	531.703	L(9)
L 34	1829.565	469.754	479.764	479.268	478.261	L(8)
R 35	1907.615	427.212	419.202	419.706	418.699	R(7)
K 36	1971.663	349.161	341.152	341.656	340.648	K(6)
G 37	2000.174	285.114	277.104	277.608	276.600	G(5)
N 38	2057.195	256.603	248.594	249.098	248.090	N(4)
V 39	2138.227	199.562	191.572	192.076	191.068	V(3)
S 40	2192.243	118.056	110.047	110.544	109.537	S(2)
E 41	2246.764	74.534	66.524	67.028	66.021	E(1)

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=72.49
- ▶ F113279.dat
- ▶ query=q46036.p1
- ▶ precursor=749.760680
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#=1	#=2	#=3	AA	
S	1	48.697	1598.561	1493.167	8.872	2402.831	S[41]
G	2	66.704	1455.492	1450.153	0.672	1449.817	G[40]
R	3	130.718	1436.485	1431.146	1431.482	1430.810	R[39]
G	4	139.745	1384.451	1379.112	1379.448	1378.770	G[38]
K	5	182.443	1305.444	1300.105	1300.441	1300.700	K[37]
G	6	225.130	1222.746	1217.406	1217.742	1217.070	G[36]
G	7	244.137	1090.090	1084.751	1085.087	1084.366	G[35]
G	8	263.144	1061.053	1055.713	1056.049	1055.377	G[34]
K	9	305.642	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	329.521	1199.347	1194.008	1194.344	1193.672	A[32]
R	11	381.555	1174.689	1170.350	1170.684	1169.993	R[31]
A	12	405.234	1123.534	1118.205	1118.536	1117.855	A[30]
R	13	447.932	1099.955	1094.616	1094.952	1094.280	R[29]
A	14	491.611	1057.257	1051.917	1052.253	1051.565	A[28]
K	15	514.310	1033.578	1028.239	1028.574	1027.902	K[27]
S	16	543.320	990.880	985.540	985.876	985.204	S[26]
R	17	585.254	961.860	956.520	956.855	956.183	R[25]
S	18	624.365	909.835	904.495	904.830	904.160	S[24]
S	19	653.375	880.625	875.485	875.821	875.149	S[23]
R	20	705.409	851.614	846.474	846.810	846.138	R[22]
A	21	729.088	799.780	794.441	794.777	794.105	A[21]
G	22	748.095	776.101	770.762	771.098	770.426	G[20]
L	23	785.790	750.094	744.754	745.090	744.419	L[19]
Q	24	828.476	719.369	714.030	714.366	713.694	Q[18]
F	25	877.499	676.713	671.374	671.710	671.038	F[17]
F	26	909.850	627.690	622.351	622.687	622.015	F[16]
V	27	942.873	595.139	590.000	590.336	589.664	V[15]
G	28	961.880	562.317	556.977	557.313	556.641	G[14]
R	29	1103.814	443.309	437.970	438.306	437.634	R[13]
V	30	1046.936	400.275	405.036	406.272	405.600	V[12]
H	31	1092.623	458.253	452.913	453.249	452.577	H[11]
R	32	1144.656	412.967	407.227	407.563	406.891	R[10]
L	33	1182.351	360.533	355.193	355.529	354.857	L[9]
L	34	1220.046	322.876	317.489	317.825	317.153	L[8]
R	35	1222.222	285.144	279.804	280.140	279.468	R[7]
K	36	1314.778	233.110	227.770	228.106	227.434	K[6]
G	37	1333.785	190.412	185.072	185.408	184.736	G[5]
N	38	1371.799	171.404	166.065	166.401	165.729	N[4]
V	39	1426.154	133.390	128.051	128.387	127.715	V[3]
S	40	1455.164	99.136	93.796	94.132	93.460	S[2]
E	41	1498.178	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=72.49
- ▶ F113279.dat
- ▶ query=q46036.p1
- ▶ precursor=749.760680
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	s+1	s+2	z	AA
S	1	37.505	1124.132	1120.137	0.758	1119.877	S[4]
G	2	51.780	1091.871	1087.866	0.755	1087.614	G[6]
R	3	90.805	1077.610	1073.611	1073.613	1073.359	R[30]
G	4	109.001	1038.500	1034.500	1034.838	1034.134	G[38]
K	5	137.084	1024.335	1020.330	1020.362	1020.078	K[37]
G	6	169.059	992.311	988.307	988.299	988.055	G[36]
G	7	183.254	950.291	956.292	956.544	955.940	G[25]
G	8	197.610	948.041	942.037	942.289	941.795	G[34]
K	9	229.633	931.788	927.781	928.033	927.520	K[33]
A	10	247.303	899.762	895.757	896.009	895.500	A[32]
R	11	286.418	852.003	847.998	878.250	877.746	R[31]
A	12	304.177	842.878	838.873	839.225	838.721	A[30]
R	13	336.201	825.215	821.214	821.466	820.962	R[29]
A	14	353.960	793.195	789.190	789.442	788.938	A[28]
K	15	385.984	775.435	771.431	771.683	771.179	K[27]
S	16	407.742	743.412	739.407	739.659	739.153	S[26]
R	17	446.767	721.954	717.949	717.961	717.30	R[25]
S	18	468.526	692.629	688.624	688.876	688.372	S[24]
S	19	490.283	660.870	656.866	657.118	656.614	S[23]
R	20	529.300	638.112	634.108	635.360	634.856	R[22]
A	21	547.088	600.087	596.082	596.334	595.830	A[21]
G	22	561.323	582.328	578.323	578.575	578.071	G[20]
L	23	589.394	568.072	564.068	564.320	563.816	L[19]
G	24	621.609	539.801	535.797	536.049	535.545	G[18]
F	25	658.376	507.787	503.782	504.034	503.530	F[17]
F	26	682.639	471.020	467.015	467.267	466.763	F[16]
V	27	707.406	446.756	442.752	443.004	442.500	V[15]
G	28	721.662	421.989	417.985	418.237	417.733	G[14]
R	29	790.687	389.734	385.729	385.981	385.477	R[13]
V	30	785.454	368.709	364.704	364.956	364.452	V[12]
H	31	816.710	343.942	339.937	340.189	339.685	H[11]
R	32	858.744	309.677	305.672	305.924	305.420	R[10]
L	33	887.015	270.652	266.647	266.899	266.395	L[9]
L	34	915.288	242.381	238.376	238.628	238.124	L[8]
R	35	954.311	214.110	210.105	210.357	209.853	R[7]
K	36	986.335	175.084	171.080	171.332	170.828	K[6]
G	37	1006.590	143.061	139.056	139.308	138.804	G[5]
N	38	1029.101	128.805	124.800	125.052	124.548	N[4]
V	39	1069.867	100.294	96.289	96.542	96.038	V[3]
S	40	1091.625	59.529	55.524	55.776	55.272	S[2]
E	41	1123.886	37.771	33.766	34.018	33.514	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=72.49
- ▶ F113279.dat
- ▶ query=q46036.p1
- ▶ precursor=749.760680
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	899.507	899.303	0.806	896.102	S[41]
G[2]	41.625	873.698	870.495	0.806	870.293	G[40]
R[3]	72.846	862.294	859.090	859.292	858.889	R[39]
G[4]	84.250	831.074	827.870	828.072	827.866	G[38]
K[5]	109.869	819.669	816.466	816.667	816.264	K[37]
Q[6]	135.481	794.050	790.847	791.048	790.645	Q[36]
G[7]	146.885	768.439	765.235	765.437	765.033	G[35]
G[8]	158.289	757.034	753.831	754.032	753.629	G[34]
K[9]	183.908	745.630	742.426	742.628	742.225	K[13]
A[10]	198.116	730.011	716.807	717.009	716.606	A[12]
R[11]	229.336	705.804	702.600	702.802	702.398	R[31]
A[12]	243.543	674.584	671.380	671.581	671.178	A[30]
K[13]	269.162	660.376	657.172	657.374	656.971	K[29]
A[14]	283.370	634.757	631.553	631.755	631.352	A[28]
K[15]	308.989	620.550	617.346	617.548	617.144	K[27]
S[16]	326.395	594.931	591.727	591.929	591.525	S[26]
R[17]	357.615	577.524	574.321	574.522	574.119	R[25]
S[18]	373.022	546.304	543.100	543.302	542.899	S[24]
S[19]	392.433	529.898	526.694	526.896	526.493	S[23]
R[20]	423.648	511.491	508.288	508.489	508.086	R[22]
A[21]	437.856	480.271	477.067	477.269	476.866	A[21]
G[22]	449.260	466.064	462.860	463.061	462.658	G[20]
L[23]	471.877	454.659	451.456	451.657	451.254	L[19]
Q[24]	497.489	432.043	428.839	429.040	428.637	Q[18]
F[25]	526.902	406.431	403.227	403.429	403.026	F[17]
P[26]	546.313	377.017	373.813	374.015	373.612	P[16]
V[27]	566.126	357.607	354.403	354.604	354.201	V[15]
G[28]	577.531	337.793	334.589	334.791	334.388	G[14]
R[29]	606.751	326.389	323.185	323.386	322.983	R[13]
V[30]	628.565	295.168	291.965	292.166	291.763	V[12]
H[31]	655.976	275.355	272.151	272.353	271.949	H[11]
R[32]	687.197	247.943	244.739	244.941	244.538	R[10]
L[33]	709.814	216.723	213.519	213.721	213.317	L[9]
L[34]	732.430	194.106	190.902	191.104	190.701	L[8]
R[35]	763.651	171.489	168.285	168.487	168.084	R[7]
K[36]	789.270	140.269	137.065	137.267	136.864	K[6]
G[37]	800.674	114.650	111.446	111.648	111.245	G[5]
N[38]	823.482	103.246	100.042	100.243	99.840	N[6]
V[39]	856.095	80.437	77.233	77.435	77.032	V[3]
S[40]	873.501	47.824	44.621	44.822	44.419	S[2]
E[41]	899.310	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.11
- ▶ F113279.dat
- ▶ query=q46069_p1
- ▶ precursor=644.796740
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4507.521	4491.502	0.000	4490.494	S 41
G 2	304.098	4378.478	4362.459	0.000	4361.451	G 40
R 3	360.199	4321.457	4305.438	4306.448	4304.430	R 39
G 4	417.220	4165.355	4149.337	4150.345	4148.329	G 38
K 5	543.315	4108.334	4092.315	4093.323	4091.307	K 37
Q 6	673.174	3989.239	3974.220	3985.228	3983.212	Q 36
G 7	730.395	3852.180	3836.162	3837.170	3835.154	G 35
G 8	787.417	3795.159	3779.140	3780.148	3778.132	G 34
K 9	915.512	3738.138	3722.119	3723.127	3721.111	K 33
A 10	986.549	3610.043	3594.024	3595.032	3593.016	A 32
R 11	1142.650	3536.005	3522.987	3523.995	3521.979	R 31
A 12	1213.687	3382.904	3366.886	3367.893	3365.878	A 30
R 13	1541.792	3311.867	3295.848	3296.856	3294.841	R 29
A 14	1412.819	3183.772	3167.754	3168.761	3166.746	A 28
K 15	1540.914	3132.735	3096.716	3097.724	3095.709	K 27
T 16	1541.962	2984.640	2968.621	2969.629	2967.614	T 26
R 17	1798.063	2883.592	2867.574	2868.582	2866.566	R 25
S 18	1885.098	2727.491	2711.473	2712.480	2710.465	S 24
S 19	1972.127	2640.455	2624.441	2625.448	2623.433	S 23
R 20	2128.228	2553.427	2537.409	2538.416	2536.401	R 22
A 21	2199.265	2397.326	2381.307	2382.315	2380.300	A 21
G 22	2286.287	2326.289	2310.270	2311.278	2309.263	G 20
L 23	2369.371	2269.268	2253.249	2254.257	2252.241	L 19
Q 24	2497.429	2156.184	2140.165	2141.173	2139.157	Q 18
F 25	2644.498	2028.125	2012.106	2013.114	2011.099	F 17
P 26	2741.551	1881.057	1865.038	1866.046	1864.031	P 16
V 27	2840.619	1784.004	1767.985	1768.993	1766.977	V 15
G 28	2897.641	1684.935	1668.917	1669.924	1667.909	G 14
R 29	3053.742	1627.914	1611.895	1612.903	1610.887	R 13
V 30	3153.810	1518.833	1455.794	1456.802	1454.785	V 12
H 31	3289.869	1372.744	1356.726	1357.734	1355.718	H 11
R 32	3445.970	1235.685	1219.667	1220.675	1218.659	R 10
L 33	3559.054	1079.584	1063.566	1064.573	1062.558	L 9
L 34	3872.138	956.500	950.482	951.489	949.474	L 8
R 35	3828.239	853.416	837.398	838.405	836.390	R 7
K 36	3956.314	697.315	681.296	682.304	680.289	K 6
G 37	4013.356	569.220	553.201	554.209	552.194	G 5
N 38	4127.399	512.109	496.100	497.108	495.172	N 4
V 39	4290.462	396.156	382.137	383.145	381.129	V 3
S 40	4377.494	235.092	219.074	220.082	218.066	S 2
E 41	4506.537	148.060	132.042	133.050	131.034	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.11
- ▶ F113279.dat
- ▶ query=q46069.p1
- ▶ precursor=644.796740
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	w	s+1	s+2	c	AA
S	74.062	2054.204	2269.287	0.804	2245.781	S[41]
G	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	180.603	2161.232	2153.233	2153.236	2152.710	R[39]
G	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
G	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	385.703	1706.594	1619.584		1619.088	G[35]
G	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	607.247	1692.995	1684.986	1685.490	1684.482	A[30]
R	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	706.913	1592.900	1584.890	1584.884	1583.876	A[28]
K	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	899.535	1442.800	1434.791	1435.295	1434.287	R[25]
S	943.051	1384.249	1356.240	1356.744	1355.736	S[24]
S	986.567	1326.733	1318.724	1319.228	1318.220	S[23]
R	1084.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	1100.136	1199.161	1191.157	1191.661	1190.653	A[21]
G	1128.647	1103.040	1155.639	1156.143	1155.135	G[20]
L	1155.789		1135.137	1127.128	1127.632	L[19]
Q	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	1322.753	1014.566	1006.557	1007.061	1006.053	F[17]
F	1371.279	941.032	933.023	933.526	932.519	F[16]
V	1420.811	892.506	884.496	885.000	884.992	V[15]
G	1469.324	842.971	834.962	835.466	834.458	G[14]
R	1527.874	814.461	806.451	806.955	805.947	R[13]
V	1576.909	736.410	728.401	728.905	727.897	V[12]
H	1645.438	688.876	678.868	679.370	678.363	H[11]
R	1723.489	618.346	610.337	610.841	609.833	R[10]
L	1780.031	540.206	532.196	532.700	531.693	L[9]
L	1838.573	483.754	475.745	476.249	475.241	L[8]
R	1914.623	427.212	419.202	419.706	418.698	R[7]
K	1978.671	349.161	341.152	341.656	340.648	K[6]
G	2067.181	285.114	277.104	277.608	276.600	G[5]
N	2094.203	256.603	248.594	249.098	248.090	N[4]
V	2145.236	199.562	191.552	192.056	191.048	V[3]
S	2199.281	118.056	110.047	110.551	109.543	S[2]
E	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.11
- ▶ F113279.dat
- ▶ query=q46069_p1
- ▶ precursor=644.796740
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	48.697	1502.178	1487.830	8.872	1487.561	S[41]
G	2	86.704	1460.184	1454.925	0.672	1454.480	G[40]
R	3	1307.788	1441.157	1435.817	1436.153	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.120	1383.448	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.732	1279.392	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	485.234	1128.309	1122.969	1123.305	1122.633	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1098.952	K[29]
A	14	471.811	1081.929	1076.589	1076.925	1076.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.602	995.552	990.212	990.548	989.876	T[26]
R	17	600.626	961.869	956.529	956.865	956.193	R[25]
S	18	629.019	939.835	934.495	934.831	934.160	S[24]
S	19	658.047	880.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.440	794.777	794.105	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	780.682	752.084	746.744	752.090	751.418	L[19]
G	24	833.148	733.395	714.060	714.396	713.724	G[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.260	622.597	621.925	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1018.595	443.309	437.970	438.306	437.634	R[13]
V	30	1051.608	401.275	405.936	406.272	405.600	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.567	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.375	317.035	317.371	316.700	L[8]
R	35	1276.751	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.390	128.051	128.387	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKATRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.11
- ▶ F113279.dat
- ▶ query=q46069.p1
- ▶ precursor=644.796740
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1127.630	1123.631	0.755	1123.370	S[41]
G[2]	51.780	1095.375	1091.370	0.755	1091.118	G[40]
R[3]	90.805	1081.120	1077.115	1077.367	1076.861	R[30]
G[4]	105.061	1042.094	1038.090	1038.342	1037.838	G[38]
K[5]	137.084	1027.830	1023.834	1024.086	1023.582	K[37]
Q[6]	189.089	995.813	991.811	992.063	991.559	Q[30]
G[7]	253.354	963.880	959.790	960.048	959.544	G[35]
G[8]	397.810	949.545	945.541	945.792	945.289	G[34]
K[9]	229.633	935.200	931.205	931.537	931.031	K[33]
A[10]	247.393	903.266	899.261	899.513	899.009	A[32]
R[11]	286.418	885.507	881.509	881.758	881.250	R[31]
A[12]	394.177	849.562	842.477	842.729	842.225	A[28]
R[13]	336.201	825.722	824.718	824.970	824.466	R[29]
A[14]	353.960	798.690	792.694	792.946	792.442	A[28]
K[15]	389.984	778.930	774.930	775.187	774.681	K[27]
T[16]	411.246	746.915	742.911	743.163	742.659	T[26]
R[17]	450.271	721.854	717.859	717.901	717.390	R[25]
S[18]	472.829	682.820	678.824	678.876	678.372	S[24]
S[19]	493.787	660.870	656.866	657.115	656.614	S[23]
R[20]	532.813	639.112	635.108	635.360	634.854	R[22]
A[21]	550.572	600.089	596.082	596.334	595.830	A[21]
G[22]	564.827	582.320	578.323	578.575	578.071	G[20]
L[23]	593.098	568.072	564.068	564.320	563.816	L[19]
Q[24]	625.113	539.801	535.797	536.049	535.545	Q[19]
F[25]	661.880	507.781	503.782	504.034	503.530	F[17]
P[26]	686.143	471.020	467.015	467.267	466.763	P[16]
V[27]	710.910	446.750	442.752	443.004	442.500	V[15]
G[28]	725.166	421.989	417.985	418.237	417.733	G[14]
R[29]	754.191	407.733	403.729	403.981	403.477	R[13]
V[30]	788.058	386.759	384.764	384.956	384.452	V[12]
H[31]	823.223	343.942	339.937	340.189	339.685	H[11]
R[32]	862.248	309.677	305.672	305.924	305.420	R[10]
L[33]	890.519	270.652	266.647	266.899	266.395	L[9]
L[34]	918.790	242.381	238.376	238.628	238.124	L[8]
R[35]	957.815	214.113	210.108	210.360	209.856	R[7]
K[36]	983.339	175.084	171.080	171.332	170.828	K[6]
G[37]	1004.094	143.061	139.056	139.308	138.804	G[5]
N[38]	1032.605	128.805	124.800	125.052	124.548	N[4]
V[39]	1073.371	100.294	96.290	96.542	96.038	V[3]
S[40]	1095.120	59.520	55.524	55.776	55.272	S[2]
E[41]	1127.390	37.771	33.766	34.018	33.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=48.11
- ▶ F113279.dat
- ▶ query=q46069_p1
- ▶ precursor=644.796740
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	902.110	899.108	0.806	898.905	S	41
G	2	41.625	876.501	873.298	0.806	873.096	G	40
R	3	72.846	805.097	801.893	062.095	801.692	R	39
G	4	84.250	833.877	830.673	830.875	830.472	G	38
K	5	109.869	822.473	819.269	819.470	819.067	K	37
Q	6	135.481	796.854	793.650	793.851	793.448	Q	36
G	7	146.685	771.242	768.038	768.240	767.837	G	35
G	8	158.289	759.838	756.634	756.835	756.432	G	34
K	9	183.908	748.833	745.230	745.431	745.028	K	33
A	10	198.116	722.814	719.611	719.812	719.409	A	32
R	11	229.336	708.607	705.403	705.605	705.202	R	31
A	12	243.543	677.387	674.183	674.385	673.981	A	30
K	13	269.162	663.179	659.976	660.177	659.774	K	29
A	14	283.370	637.960	634.757	634.958	634.555	A	28
K	15	308.989	623.753	620.549	620.751	619.948	K	27
T	16	329.198	597.734	594.530	594.732	594.329	T	26
K	17	360.418	577.524	574.321	574.522	574.119	K	25
S	18	377.825	546.304	543.100	543.302	542.899	S	24
S	19	399.231	528.888	525.684	525.886	525.482	S	23
R	20	426.451	511.491	508.288	508.489	508.086	R	22
A	21	440.659	480.271	477.067	477.269	476.866	A	21
G	22	452.063	466.064	462.860	463.061	462.658	G	20
L	23	474.680	494.659	451.456	451.657	451.254	L	19
Q	24	500.292	432.043	428.839	429.040	428.637	Q	18
F	25	529.705	406.831	403.227	403.429	403.026	F	17
P	26	549.116	377.017	373.813	374.015	373.612	P	16
V	27	568.530	357.807	354.603	354.804	354.201	V	15
G	28	589.334	337.793	334.589	334.791	334.388	G	14
R	29	611.554	326.389	323.185	323.386	322.983	R	13
V	30	631.368	295.168	291.965	292.166	291.763	V	12
H	31	658.780	275.355	272.151	272.353	271.949	H	11
K	32	690.000	247.943	244.739	244.941	244.538	K	10
L	33	712.617	216.723	213.519	213.721	213.317	L	9
L	34	735.233	194.109	190.902	191.104	190.701	L	8
R	35	766.454	171.489	168.283	168.487	168.084	R	7
K	36	782.273	140.269	137.065	137.267	136.864	K	6
G	37	803.877	114.650	111.446	111.648	111.245	G	5
N	38	826.286	103.246	100.042	100.243	99.840	N	4
V	39	858.898	80.437	77.233	77.435	77.032	V	3
S	40	876.305	47.824	44.621	44.822	44.419	S	2
E	41	902.113	30.418	27.214	27.416	27.013	E	1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=48.11
- ▶ F113279.dat
- ▶ query=q46069_p1
- ▶ precursor=644.796740
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	25.362	752.093	749.423	0.839	749.255	S[41]
G[2]	34.856	730.586	727.916	0.839	727.748	G[40]
R[3]	60.873	721.082	718.412	718.580	718.244	R[39]
G[4]	70.376	695.065	692.396	692.563	692.228	G[38]
K[5]	91.725	685.562	682.892	683.060	682.724	K[37]
G[6]	113.668	668.213	665.543	665.711	665.375	G[36]
G[7]	122.572	642.869	640.200	640.368	640.032	G[35]
G[8]	132.076	633.366	630.696	630.864	630.528	G[34]
K[9]	153.425	623.862	621.193	621.360	621.025	K[33]
A[10]	165.364	602.513	599.843	600.011	599.675	A[32]
R[11]	191.281	590.674	588.004	588.172	587.836	R[31]
A[12]	203.121	564.657	561.987	562.155	561.819	A[30]
K[13]	224.470	552.817	550.147	550.315	549.980	K[29]
A[14]	236.309	531.468	528.798	528.966	528.630	A[28]
K[15]	257.658	519.629	516.959	517.127	516.791	K[27]
T[16]	274.500	498.279	495.610	495.778	495.442	T[26]
R[17]	300.517	481.438	478.768	478.936	478.600	R[25]
S[18]	315.022	455.421	452.752	452.919	452.584	S[24]
S[19]	329.527	440.916	438.246	438.414	438.078	S[23]
R[20]	355.544	426.411	423.741	423.909	423.573	R[22]
A[21]	367.384	400.394	397.724	397.892	397.556	A[21]
G[22]	376.887	388.554	385.884	386.052	385.716	G[20]
L[23]	395.735	379.051	376.381	376.549	376.213	L[19]
Q[24]	417.078	360.203	357.534	357.702	357.366	Q[18]
F[25]	441.589	338.880	336.190	336.358	336.022	F[17]
P[26]	457.765	314.349	311.679	311.847	311.511	P[16]
V[27]	474.276	298.173	295.504	295.672	295.336	V[15]
G[28]	483.779	281.662	278.992	279.160	278.824	G[14]
R[29]	509.796	272.158	269.489	269.657	269.321	R[13]
V[30]	526.308	246.147	243.472	243.640	243.304	V[12]
H[31]	549.151	229.638	226.968	227.136	226.800	H[11]
R[32]	578.188	206.787	204.117	204.285	203.949	R[10]
L[33]	594.015	180.770	178.100	178.268	177.932	L[9]
L[34]	612.862	161.923	159.253	159.421	159.085	L[8]
R[35]	638.879	143.075	140.406	140.574	140.238	R[7]
K[36]	660.228	117.059	114.389	114.557	114.221	K[6]
G[37]	669.732	95.709	93.040	93.208	92.872	G[5]
N[38]	688.739	86.206	83.536	83.704	83.368	N[4]
Y[39]	715.916	67.190	64.529	64.697	64.361	Y[3]
S[40]	736.422	40.021	37.352	37.520	37.184	S[2]
E[41]	751.929	25.516	22.846	23.014	22.678	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.79
- ▶ F113279.dat
- ▶ query=q46071.p1
- ▶ precursor=752.095290
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.521	4491.502	0.000	4490.494	S[41]
G	2	204.098	4378.478	4362.459	0.000	4361.451	G[46]
R	3	360.199	4321.457	4305.438	4306.446	4304.430	R[39]
C	4	417.220	4185.355	4148.337	4150.345	4148.329	C[38]
K	5	545.315	4108.334	4092.315	4093.323	4091.307	K[15]
Q	6	673.374	3989.239	3954.220	3955.228	3953.212	Q[36]
G	7	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.139	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.955	3523.936	3524.944	3522.928	R[31]
A	12	1213.667	3382.904	3366.885	3367.893	3365.877	A[30]
K	13	1341.782	3311.867	3295.848	3296.856	3294.841	K[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
K	17	1798.063	2883.592	2867.574	2868.582	2866.566	K[25]
S	18	1885.095	2727.493	2711.473	2712.480	2710.465	S[24]
S	19	1972.127	2648.459	2632.441	2633.448	2631.433	S[23]
R	20	2128.228	2563.427	2547.409	2548.416	2546.401	R[22]
A	21	2199.265	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2256.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2369.371	2269.268	2253.249	2254.257	2252.241	L[19]
Q	24	2497.459	2126.184	2110.165	2111.173	2109.157	Q[18]
F	25	2644.498	2028.125	2012.106	2013.114	2011.098	F[17]
P	26	2741.551	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3053.742	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3152.810	1471.813	1455.794	1456.802	1454.786	V[12]
I	31	3269.869	1372.744	1356.726	1357.734	1355.718	I[11]
R	32	3445.970	1235.685	1219.666	1220.675	1218.659	R[10]
L	33	3550.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.489	949.474	L[8]
R	35	3828.239	853.416	837.398	838.405	836.390	R[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
C	37	4013.358	569.220	553.201	554.209	552.194	C[5]
N	38	4127.399	512.199	496.180	497.188	495.172	N[4]
V	39	4290.462	398.156	382.137	383.145	381.129	V[3]
S	40	4377.494	235.062	219.074	220.082	218.066	S[2]
E	41	4506.537	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.79
- ▶ F113279.dat
- ▶ query=q46071.p1
- ▶ precursor=752.095290
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	c	AA	
S	1	74.062	2054.264	2266.255	0.804	2245.781	S(1)
G	2	102.553	2189.743	2381.733	0.904	2181.220	G(2)
R	3	180.603	2641.232	2153.233	2153.236	2152.710	R(3)
G	4	209.114	2083.181	2075.172	2075.876	2074.660	G(4)
K	5	273.181	2054.871	2046.681	2047.305	2046.157	K(5)
G	6	337.194	1690.622	1682.614	1683.118	1682.110	G(6)
G	7	385.703	1706.594	1678.584	1919.088	1678.066	G(7)
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G(8)
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K(9)
A	10	493.778	1895.525	1797.516	1798.019	1797.012	A(10)
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R(11)
A	12	607.347	1692.969	1684.960	1684.960	1683.944	A(12)
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R(13)
A	14	706.913	1592.900	1584.890	1584.884	1583.876	A(14)
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K(15)
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T(16)
R	17	899.535	1452.291	1444.282	1434.294	1433.287	R(17)
S	18	903.875	1364.249	1356.240	1356.744	1355.736	S(18)
S	19	986.567	1320.733	1312.724	1313.228	1312.220	S(19)
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R(20)
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A(21)
G	22	1126.647	1153.648	1155.639	1156.143	1155.135	G(22)
L	23	1185.189	1138.137	1127.128	1127.632	1126.624	L(23)
Q	24	1249.218	1073.595	1070.586	1071.090	1070.082	Q(24)
F	25	1322.753	1014.566	1006.557	1007.061	1006.053	F(25)
F	26	1371.279	941.034	933.024	933.528	932.519	F(26)
V	27	1420.813	892.506	884.496	885.000	883.992	V(27)
G	28	1449.324	842.971	834.961	835.466	834.458	G(28)
R	29	1507.874	814.481	806.451	806.955	805.947	R(29)
V	30	1576.909	736.410	728.401	728.905	727.897	V(30)
H	31	1645.438	688.876	678.866	679.370	678.363	H(31)
R	32	1723.489	618.346	610.337	610.841	609.833	R(32)
L	33	1780.031	540.296	532.286	532.790	531.783	L(33)
L	34	1838.573	489.764	479.749	479.248	478.241	L(34)
R	35	1914.623	427.212	419.202	419.706	418.698	R(35)
K	36	1978.671	349.161	341.152	341.656	340.648	K(36)
G	37	2067.181	285.114	277.104	277.608	276.600	G(37)
N	38	2094.203	256.603	248.594	249.098	248.090	N(38)
V	39	2145.736	199.562	191.552	192.056	191.048	V(39)
S	40	2189.261	118.056	110.041	110.544	109.537	S(40)
E	41	2253.772	74.534	66.524	67.028	66.021	E(41)

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=61.79
- ▶ F113279.dat
- ▶ query=q46071.p1
- ▶ precursor=752.095290
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	48.607	1502.178	1487.830	0.872	1487.561	S[41]
G	2	86.704	1460.184	1454.935	0.672	1454.480	G[40]
R	3	1307.188	1441.157	1435.817	1436.153	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.120	1383.448	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.733	1285.332	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.306	1128.907	1123.303	1122.931	A[30]
R	13	447.932	1104.627	1099.288	1099.624	1098.952	R[29]
A	14	491.611	1081.929	1056.589	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.870	T[26]
R	17	600.626	981.869	956.529	956.865	956.193	R[25]
S	18	629.017	959.835	964.435	964.833	964.160	S[24]
S	19	658.047	980.825	875.485	875.821	875.149	S[23]
R	20	710.081	951.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.105	A[21]
G	22	762.789	776.101	770.762	771.098	770.426	G[20]
L	23	790.462	759.094	761.783	752.266	763.410	L[19]
Q	24	833.148	719.366	714.026	714.366	713.224	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.351	622.687	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1018.966	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	490.275	485.036	486.272	485.600	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.374	317.034	317.370	316.701	L[8]
R	35	1275.753	285.144	279.804	280.140	279.466	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.390	128.051	128.386	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=61.79
- ▶ F113279.dat
- ▶ query=q46071.p1
- ▶ precursor=752.095290
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	57.535	1127.636	1123.631	0.755	1123.379	S 41
G 2	51.780	1095.375	1091.370	0.755	1001.118	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.863	R 39
G 4	105.061	1042.094	1038.090	1038.342	1037.839	G 38
K 5	137.004	1027.839	1023.834	1024.086	1023.583	K 37
G 6	169.099	995.315	991.311	993.662	991.559	G 36
G 7	183.354	963.801	959.796	960.048	959.544	G 35
G 8	197.610	949.545	945.541	945.792	945.289	G 34
K 9	229.633	935.290	931.285	931.537	931.033	K 33
A 10	247.393	903.266	899.261	899.513	899.009	A 32
R 11	286.418	885.307	881.302	881.754	881.250	R 31
A 12	308.177	869.062	864.477	863.229	862.229	A 30
R 13	336.201	828.722	824.718	824.870	824.465	R 29
A 14	353.040	796.699	792.694	792.946	792.442	A 28
K 15	365.984	778.939	774.935	775.187	774.683	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.654	717.649	717.901	717.397	R 25
S 18	472.029	682.828	678.824	678.876	678.372	S 24
S 19	483.787	660.570	656.566	657.118	656.614	S 23
R 20	532.813	639.112	635.108	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.328	578.323	578.575	578.071	G 20
L 23	593.098	568.072	564.068	564.320	563.816	L 19
G 24	625.113	539.801	535.797	536.049	535.545	G 18
F 25	661.880	507.787	503.782	504.034	503.530	F 17
P 26	686.143	471.020	467.015	467.267	466.763	P 16
V 27	710.910	446.756	442.752	443.004	442.500	V 15
G 28	725.105	421.989	417.985	418.237	417.733	G 14
R 29	764.191	407.734	403.729	403.981	403.477	R 13
V 30	783.958	386.709	384.704	384.956	384.452	V 12
H 31	823.223	343.942	339.937	340.189	339.685	H 11
R 32	862.248	309.877	305.872	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.790	242.301	238.296	238.628	238.124	L 8
R 35	957.815	214.110	210.105	210.357	209.853	R 7
K 36	989.839	175.084	171.080	171.332	170.828	K 6
G 37	1004.094	143.063	139.058	139.308	138.804	G 5
N 38	1032.605	128.805	124.800	125.052	124.548	N 4
V 39	1073.571	100.294	96.290	96.542	96.038	V 3
S 40	1095.129	59.529	55.524	55.776	55.272	S 2
E 41	1127.390	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=61.79
- ▶ F113279.dat
- ▶ query=q46071_p1
- ▶ precursor=752.095290
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	902.310	899.106	0.806	898.905	S	41
G	2	41.625	876.501	873.288	0.806	873.096	G	40
R	3	72.846	805.097	801.893	062.095	801.692	R	39
G	4	84.250	833.877	830.673	830.875	830.472	G	38
K	5	109.869	822.473	819.269	819.470	819.067	K	37
Q	6	135.481	796.854	793.650	793.851	793.448	Q	36
G	7	146.685	771.242	768.038	768.240	767.837	G	35
G	8	158.289	759.838	756.634	756.835	756.432	G	34
K	9	183.908	748.833	745.230	745.431	745.028	K	33
A	10	198.116	722.814	719.611	719.812	719.409	A	32
R	11	229.336	708.607	705.403	705.605	705.202	R	31
A	12	243.543	677.387	674.183	674.385	673.981	A	30
K	13	269.162	663.179	659.976	660.177	659.774	K	29
A	14	283.370	637.960	634.357	634.558	634.155	A	28
K	15	308.989	623.753	620.149	620.351	619.948	K	27
T	16	329.198	597.734	594.530	594.732	594.329	T	26
R	17	360.418	577.524	574.321	574.522	574.119	R	25
S	18	377.825	546.304	543.100	543.302	542.899	S	24
S	19	399.231	528.886	525.684	525.886	525.482	S	23
R	20	426.451	511.491	508.288	508.489	508.086	R	22
A	21	440.659	480.271	477.067	477.269	476.866	A	21
G	22	452.063	466.064	462.860	463.061	462.658	G	20
L	23	474.680	494.659	451.456	451.657	451.254	L	19
Q	24	500.292	432.043	428.839	429.040	428.637	Q	18
F	25	529.705	406.831	403.227	403.429	403.026	F	17
P	26	549.116	377.017	373.813	374.015	373.612	P	16
V	27	568.530	357.807	354.403	354.604	354.201	V	15
G	28	589.334	337.793	334.389	334.791	334.388	G	14
R	29	611.554	326.389	323.185	323.386	322.983	R	13
V	30	631.368	295.168	291.965	292.166	291.763	V	12
H	31	658.780	275.355	272.151	272.353	271.949	H	11
R	32	690.000	247.943	244.739	244.941	244.538	R	10
L	33	712.617	216.723	213.519	213.721	213.317	L	9
L	34	735.233	194.109	190.902	191.104	190.701	L	8
R	35	766.454	171.489	168.283	168.487	168.084	R	7
K	36	782.073	140.269	137.065	137.267	136.864	K	6
G	37	803.877	114.650	111.446	111.648	111.245	G	5
N	38	826.286	103.246	100.042	100.243	99.840	N	4
V	39	858.898	80.437	77.233	77.435	77.032	V	3
S	40	876.305	47.824	44.621	44.822	44.419	S	2
E	41	902.113	30.418	27.214	27.416	27.013	E	1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.25
- ▶ F113279.dat
- ▶ query=q46075.p1
- ▶ precursor=752.095700
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.521	4493.503	0.000	4490.484	S[41]
G	2	204.068	4378.478	4362.459	0.000	4361.451	G[40]
R	3	360.199	4321.457	4305.438	4308.446	4304.439	R[39]
G	4	417.220	4165.355	4149.337	4150.345	4148.329	G[38]
K	5	545.315	4108.334	4092.315	4093.323	4091.307	K[37]
Q	6	613.374	3985.238	3969.220	3965.228	3963.211	Q[36]
G	7	730.395	3852.080	3836.100	3837.110	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3736.138	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1213.687	3382.904	3366.885	3367.893	3365.877	A[30]
R	13	1381.782	3311.867	3295.848	3296.856	3294.841	R[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1708.063	2853.582	2837.563	2838.562	2836.546	R[25]
S	18	1885.005	2779.494	2763.475	2764.483	2762.467	S[24]
S	19	1972.127	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2138.228	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2199.205	2497.326	2481.307	2482.315	2480.300	A[21]
G	22	2256.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2309.371	2209.280	2193.260	2194.267	2192.241	L[19]
Q	24	3007.429	2158.184	2142.165	2143.173	2141.157	Q[18]
F	25	3644.488	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.551	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2840.619	1794.004	1778.985	1779.993	1777.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3633.742	1627.824	1611.805	1612.803	1610.787	R[13]
V	30	3152.810	1471.613	1455.794	4456.902	1454.788	V[12]
H	31	3289.869	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.565	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.489	949.473	L[8]
R	35	3838.239	833.416	817.398	818.405	816.390	R[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
G	37	4013.356	569.220	553.201	554.209	552.194	G[5]
N	38	4127.399	512.109	496.180	497.188	495.172	N[4]
V	39	4290.462	398.158	382.139	383.145	381.129	V[3]
S	40	4377.494	235.082	219.074	220.082	218.066	S[2]
E	41	4408.537	148.060	132.043	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKATRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.25
- ▶ F113279.dat
- ▶ query=q46075.p1
- ▶ precursor=752.095700
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	c	AA	
S	1	74.062	2054.264	2266.255	0.804	2245.781	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2161.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.671	2048.681	2047.305	2046.157	K[37]
G	6	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	7	385.193	1936.594	1927.583		1919.088	G[35]
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1764.007	1762.501	1761.493	R[31]
A	12	607.237	1692.956	1683.946	1684.450	1683.443	A[30]
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.913	1592.900	1584.891	1584.884	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	899.535	1442.300	1434.291	1434.794	1433.787	R[25]
S	18	933.875	1384.246	1376.237	1376.741	1375.733	S[24]
S	19	986.567	1320.733	1312.724	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1109.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1153.648	1145.639	1146.143	1145.135	G[20]
L	23	1185.189	1118.137	1110.127	1110.631	1109.623	L[19]
Q	24	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	25	1322.753	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.033	933.023	933.526	932.519	F[16]
V	27	1420.813	892.506	884.496	885.000	883.992	V[15]
G	28	1466.224	842.971	834.961	835.465	834.457	G[14]
R	29	1527.874	814.461	806.451	806.955	805.947	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.866	679.370	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.296	532.286	532.790	531.783	L[9]
L	34	1838.573	489.794	481.783	482.287	481.280	L[8]
R	35	1914.623	427.212	419.202	419.706	418.699	R[7]
K	36	1978.671	349.161	341.152	341.656	340.648	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.236	189.562	181.552	182.056	181.048	V[3]
S	40	2189.261	118.056	110.046	110.549	109.541	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.25
- ▶ F113279.dat
- ▶ query=q46075.p1
- ▶ precursor=752.095700
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	48.607	1502.178	1487.830	0.872	1487.561	S[41]
G	2	86.704	1460.184	1454.925	0.672	1454.480	G[40]
R	3	1307.788	1441.157	1435.817	1430.153	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.420	1383.448	G[38]
K	5	182.443	1370.118	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.314	1321.742	G[36]
G	7	244.137	1284.732	1279.392	1279.728	1279.056	G[35]
G	8	263.144	1245.725	1240.385	1240.721	1240.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.240	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.206	1122.907	1123.303	1122.831	A[30]
R	13	447.932	1104.627	1099.288	1099.624	1098.952	R[29]
A	14	471.611	1061.929	1056.589	1056.925	1056.251	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.602	995.552	990.212	990.548	989.870	T[26]
R	17	606.626	961.869	956.529	956.865	956.191	R[25]
S	18	629.917	909.835	904.495	904.832	904.160	S[24]
S	19	658.047	880.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.789	794.441	794.777	794.101	A[21]
G	22	752.769	776.101	770.762	771.098	770.426	G[20]
L	23	790.462	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	739.305	734.000	734.396	733.724	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.522	627.600	622.351	622.687	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1013.858	543.309	537.910	538.306	537.634	R[13]
V	30	1051.608	490.275	485.036	485.272	485.600	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.567	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.374	317.034	317.428	317.161	L[8]
R	35	1275.815	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1436.826	133.290	128.051	128.386	127.715	V[3]
S	40	1459.836	98.136	93.000	93.336	92.664	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=51.25
- ▶ F113279.dat
- ▶ query=q46075.p1
- ▶ precursor=752.095700
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1127.630	2123.631	0.755	1123.370	S[41]
G[2]	51.780	1095.375	1091.370	0.755	1091.118	G[40]
R[3]	90.805	1081.120	1077.115	1077.367	1076.863	R[39]
G[4]	105.061	1042.094	1038.090	1038.342	1037.838	G[38]
K[5]	137.084	1027.839	1023.834	1023.586	1023.362	K[37]
Q[6]	169.099	995.815	991.811	992.062	991.559	Q[36]
G[7]	183.354	963.801	959.796	960.048	959.544	G[35]
G[8]	197.610	949.545	945.541	945.792	945.289	G[34]
K[9]	229.633	935.290	931.285	931.537	931.033	K[33]
A[10]	247.393	903.266	899.261	899.513	899.009	A[32]
R[11]	268.418	895.507	891.502	891.754	891.250	R[31]
A[12]	304.177	846.482	842.477	842.729	842.225	A[30]
K[13]	336.201	828.722	824.718	824.970	824.466	K[29]
A[14]	353.960	796.699	792.694	792.946	792.442	A[28]
K[15]	385.984	778.939	774.935	775.187	774.683	K[27]
T[16]	411.246	746.915	742.911	743.163	742.659	T[26]
K[17]	450.271	721.694	717.689	717.941	717.390	K[25]
S[18]	472.039	692.628	678.624	678.876	678.372	S[24]
S[19]	493.787	650.870	646.865	647.117	646.614	S[23]
R[20]	532.813	639.112	635.108	635.360	634.856	R[22]
A[21]	590.572	600.087	596.082	596.334	595.830	A[21]
G[22]	594.827	582.328	578.323	578.575	578.071	G[20]
L[23]	593.098	568.072	564.068	564.320	563.816	L[19]
Q[24]	625.113	539.803	535.797	536.049	535.545	Q[18]
F[25]	661.880	507.787	503.782	504.034	503.530	F[17]
P[26]	686.143	471.020	467.015	467.267	466.763	P[16]
V[27]	710.910	446.756	442.752	443.004	442.500	V[15]
G[28]	725.166	421.989	417.985	418.237	417.733	G[14]
R[29]	764.191	407.734	403.729	403.981	403.477	R[13]
V[30]	788.958	388.709	384.704	384.956	384.452	V[12]
I[31]	823.942	343.942	339.937	340.189	339.685	I[11]
R[32]	862.248	309.677	305.672	305.924	305.420	R[10]
L[33]	890.519	270.652	266.647	266.899	266.395	L[9]
L[34]	918.790	242.381	238.376	238.628	238.124	L[8]
R[35]	957.815	214.110	210.105	210.357	209.853	R[7]
K[36]	989.839	175.084	171.080	171.332	170.828	K[6]
G[37]	1024.894	143.061	139.056	139.308	138.804	G[5]
N[38]	1032.605	128.805	124.800	125.052	124.548	N[4]
V[39]	1073.371	100.294	96.290	96.542	96.038	V[3]
S[40]	1095.120	59.529	55.524	55.776	55.272	S[2]
E[41]	1127.390	37.771	33.766	34.018	33.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=51.25
- ▶ F113279.dat
- ▶ query=q46075_p1
- ▶ precursor=752.095700
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.095	G[40]
R[3]	72.846	805.097	801.893	062.095	801.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.838	756.634	756.835	756.432	G[34]
K[9]	183.908	748.833	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.336	708.607	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.960	634.357	634.559	634.155	A[28]
K[15]	308.989	623.753	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	528.886	525.681	525.886	525.482	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	494.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.831	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.530	357.807	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.389	334.791	334.388	G[14]
R[29]	611.554	326.389	323.185	323.386	322.983	R[13]
V[30]	631.368	295.168	291.965	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.109	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.283	168.487	168.084	R[7]
K[36]	782.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.877	114.650	111.446	111.648	111.245	G[5]
N[38]	826.286	103.246	100.042	100.243	99.840	N[4]
V[39]	858.898	80.437	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.48
- ▶ F113279.dat
- ▶ query=q46077.p1
- ▶ precursor=752.095800
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.521	4493.503	0.000	4490.484	S[41]
G	2	204.068	4378.478	4362.459	0.000	4361.451	G[40]
R	3	360.199	4321.457	4305.438	4308.446	4304.438	R[39]
G	4	417.220	4165.355	4149.337	4150.345	4148.329	G[38]
K	5	545.315	4108.334	4092.315	4093.323	4091.307	K[37]
Q	6	673.374	3989.238	3974.220	3975.228	3973.211	Q[36]
G	7	730.395	3852.080	3836.100	3837.110	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3736.138	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1213.687	3382.904	3366.885	3367.893	3365.877	A[30]
R	13	1341.782	3311.867	3295.848	3296.856	3294.841	R[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1541.962	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1708.063	2853.592	2837.573	2838.582	2836.566	R[25]
S	18	1885.005	2729.494	2713.475	2714.483	2712.467	S[24]
S	19	1972.127	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2138.228	2553.421	2537.402	2538.410	2536.394	R[22]
A	21	2199.265	2497.326	2481.307	2482.315	2480.300	A[21]
G	22	2256.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2309.371	2209.260	2193.240	2194.249	2192.241	L[19]
Q	24	3007.429	2158.184	2142.165	2143.173	2141.157	Q[18]
F	25	3644.498	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.551	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3633.742	1627.824	1611.805	1612.803	1610.787	R[13]
V	30	3152.810	1471.813	1455.794	1456.802	1454.786	V[12]
H	31	3289.869	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.489	949.474	L[8]
T	35	3838.239	833.418	817.399	818.405	816.390	T[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
G	37	4013.356	569.220	553.201	554.209	552.194	G[5]
N	38	4127.399	512.109	496.180	497.188	495.172	N[4]
V	39	4290.462	398.158	382.139	383.145	381.129	V[3]
S	40	4377.494	235.082	219.074	220.082	218.066	S[2]
E	41	4406.537	148.060	132.043	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=38.48
- ▶ F113279.dat
- ▶ query=q46077.p1
- ▶ precursor=752.095800
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	c	AA
S	74.062	2054.264	2266.255	0.804	2245.781	S[41]
G	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	180.603	2641.232	2153.233	2153.236	2152.710	R[39]
G	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	273.181	2054.671	2048.681	2047.305	2046.157	K[37]
G	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	365.704	3106.594	3223.583	3119.588	3118.081	G[35]
G	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	607.337	1692.956	1684.946	1684.450	1683.443	A[30]
R	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	706.913	1592.900	1584.890	1584.884	1583.876	A[28]
K	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	899.535	1442.300	1434.291	1434.794	1433.787	R[25]
S	923.853	1364.246	1356.240	1356.744	1355.736	S[24]
S	986.567	1328.733	1312.724	1313.228	1312.220	S[23]
R	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	1128.647	1163.648	1155.639	1156.143	1155.135	G[20]
L	1185.169	1138.137	1127.128	1127.632	1126.624	L[19]
Q	1249.218	1078.595	1070.586	1071.090	1070.082	Q[18]
F	1322.753	1014.569	1006.557	1007.061	1006.053	F[17]
F	1371.279	941.053	933.043	933.546	932.539	F[16]
V	1420.813	892.506	884.496	885.000	883.992	V[15]
G	1449.324	842.971	834.961	835.465	834.457	G[14]
R	1507.874	814.461	806.451	806.955	805.947	R[13]
V	1576.909	736.410	728.401	728.905	727.897	V[12]
H	1645.438	688.876	678.866	679.370	678.363	H[11]
R	1723.489	618.346	610.337	610.841	609.833	R[10]
L	1780.011	540.296	532.286	532.790	531.783	L[9]
L	1836.573	469.794	459.783	459.286	458.280	L[8]
R	1914.623	427.232	419.222	419.726	418.720	R[7]
K	1978.671	349.181	341.172	341.676	340.668	K[6]
G	2067.181	285.114	277.104	277.608	276.600	G[5]
N	2094.203	256.603	248.594	249.098	248.090	N[4]
V	2145.736	189.562	181.552	182.056	181.048	V[3]
S	2189.261	118.056	110.047	110.549	109.541	S[2]
E	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=38.48
- ▶ F113279.dat
- ▶ query=q46077.p1
- ▶ precursor=752.095800
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.607	1502.178	1497.839	0.872	2497.567	S[41]
G	2	66.704	1460.184	1454.825	0.672	1454.480	G[40]
R	3	1307.718	1441.157	1435.817	1436.153	1435.482	R[39]
G	4	139.745	1389.123	1383.784	1384.120	1383.440	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.733	1278.392	1278.728	1278.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.842	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.390	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.306	1122.967	1123.303	1122.631	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1099.952	K[29]
A	14	491.611	1081.029	1056.589	1056.925	1056.251	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.876	T[26]
R	17	600.626	981.869	956.529	956.865	956.193	R[25]
S	18	629.017	959.835	954.496	954.832	954.160	S[24]
S	19	658.047	938.025	875.485	875.821	875.149	S[23]
R	20	710.081	951.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.105	A[21]
G	22	752.769	778.101	770.762	771.098	770.426	G[20]
L	23	790.462	759.094	751.755	752.091	751.419	L[19]
Q	24	833.148	733.305	724.900	724.266	723.521	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.522	627.600	622.261	622.597	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1013.858	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	490.276	485.938	486.272	485.600	V[12]
H	31	1097.294	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.574	317.489	317.825	317.153	L[8]
R	35	1275.733	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.390	128.051	128.386	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=38.48
- ▶ F113279.dat
- ▶ query=q46077.p1
- ▶ precursor=752.095800
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	m	p	#=1	#=2	#	AA
S	1	37.505	1127.636	1123.631	0.705	1123.370	S(4)
G	2	51.780	1026.375	1091.370	0.795	1091.110	G(4)
R	3	90.805	1081.120	1077.115	1077.367	1076.861	R(3)
G	4	109.001	1042.094	1038.090	1038.342	1037.830	G(3)
K	5	137.064	1027.839	1023.834	1024.086	1023.587	K(3)
G	6	169.059	995.815	991.811	992.063	991.559	G(2)
G	7	193.254	963.801	959.796	960.048	959.544	G(2)
G	8	197.610	949.545	945.541	945.792	945.289	G(4)
K	9	229.633	935.290	931.285	931.537	931.033	K(3)
A	10	247.303	903.266	899.261	899.513	899.009	A(3)
R	11	286.418	895.507	881.502	881.754	881.250	R(3)
A	12	304.177	868.842	864.837	865.089	864.585	A(3)
K	13	336.201	828.722	824.718	824.970	824.466	K(2)
A	14	353.960	796.699	792.694	792.946	792.442	A(2)
K	15	385.984	778.939	774.935	775.187	774.683	K(2)
T	16	411.246	746.915	742.911	743.163	742.659	T(2)
R	17	459.271	721.894	717.889	718.141	717.637	R(2)
S	18	472.629	692.629	688.624	688.876	688.372	S(2)
S	19	493.787	660.610	656.606	657.118	656.614	S(2)
R	20	532.613	638.112	634.108	635.360	634.856	R(2)
A	21	550.572	600.087	596.082	596.334	595.830	A(2)
G	22	564.827	582.328	578.323	578.575	578.071	G(2)
L	23	593.098	568.072	564.068	564.320	563.816	L(2)
Q	24	625.113	539.801	535.797	536.049	535.545	Q(1)
F	25	661.880	507.787	503.782	504.034	503.530	F(1)
F	26	698.143	471.020	467.015	467.267	466.763	F(1)
V	27	710.910	446.756	442.752	443.004	442.500	V(1)
G	28	725.169	421.989	417.985	418.237	417.733	G(1)
R	29	764.181	389.734	385.729	385.981	385.477	R(1)
V	30	788.958	368.709	364.704	364.956	364.452	V(1)
H	31	823.223	343.942	339.937	340.189	339.685	H(1)
R	32	862.248	309.677	305.672	305.924	305.420	R(1)
L	33	890.519	270.652	266.647	266.899	266.395	L(1)
L	34	918.969	242.381	238.376	238.628	238.124	L(1)
R	35	957.815	214.110	210.105	210.357	209.853	R(1)
K	36	989.839	175.084	171.080	171.332	170.828	K(1)
G	37	1064.094	143.061	139.056	139.308	138.804	G(1)
N	38	1032.605	128.805	124.800	125.052	124.548	N(1)
V	39	1078.271	100.294	96.289	96.541	96.037	V(1)
S	40	1095.129	99.529	95.524	95.776	95.272	S(1)
E	41	1127.590	97.771	93.766	94.018	93.514	E(1)

sp | Q8CGP5 | H2A1F_MOUSE

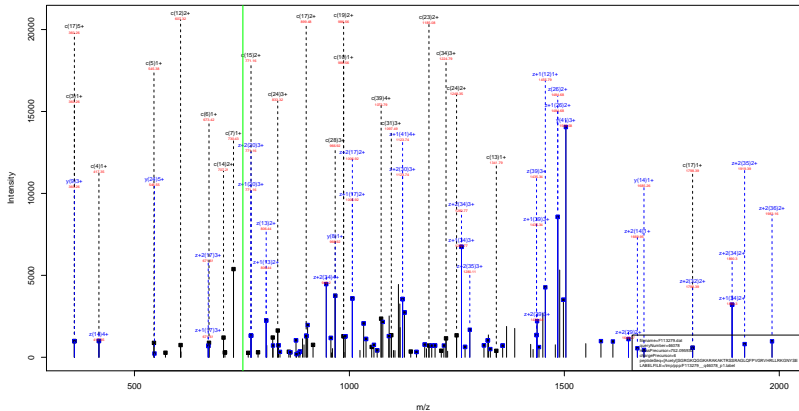
[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=38.48
- ▶ F113279.dat
- ▶ query=q46077_p1
- ▶ precursor=752.095800
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.846	805.097	801.893	062.095	801.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.685	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.838	756.634	756.835	756.432	G[34]
K[9]	183.908	748.833	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.336	708.607	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.960	634.357	634.559	634.155	A[28]
K[15]	308.989	623.753	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.304	543.100	543.302	542.899	S[24]
S[19]	399.211	528.886	525.684	525.886	525.482	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	494.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.831	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.530	357.607	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.589	334.791	334.388	G[14]
R[29]	611.554	326.389	323.185	323.386	322.983	R[13]
V[30]	631.368	295.168	291.965	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.109	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.283	168.487	168.084	R[7]
K[36]	782.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.877	114.650	111.446	111.648	111.245	G[5]
N[38]	826.286	103.246	100.042	100.243	99.840	N[4]
V[39]	858.898	80.437	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS



sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.30
- ▶ F113279.dat
- ▶ query=q46078.p1
- ▶ precursor=752.095930
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.921	4491.502	0.000	4490.484	S[41]
G	2	204.068	4378.478	4362.459	0.000	4361.451	G[40]
R	3	360.199	4321.467	4305.438	4306.448	4304.439	R[39]
G	4	417.220	4185.355	4149.317	4150.345	4148.329	G[38]
K	5	545.315	4108.334	4062.315	4091.321	4091.307	K[37]
Q	6	673.374	3989.293	3964.250	3956.228	3963.211	Q[36]
G	7	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.138	3722.119	3723.127	3721.111	K[33]
A	10	966.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1213.667	3382.904	3366.886	3367.893	3365.878	A[30]
R	13	1341.782	3311.867	3295.848	3296.856	3294.840	R[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1798.063	2883.562	2867.574	2868.582	2866.566	R[25]
S	18	1883.959	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	1972.127	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2138.228	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2199.205	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2256.287	2336.289	2310.270	2311.278	2309.263	G[20]
L	23	2369.371	2299.268	2283.249	2284.257	2282.241	L[19]
Q	24	3007.429	2156.184	2140.165	2141.173	2139.157	Q[18]
F	25	3644.488	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.951	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2860.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
D	29	3613.742	1627.914	1611.895	1612.903	1610.888	D[13]
R	30	3152.810	1471.811	1455.794	1456.802	1454.786	R[12]
H	31	3289.869	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.490	949.474	L[8]
T	35	3838.239	853.418	837.399	838.405	836.389	T[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
G	37	4013.356	569.220	553.201	554.209	552.194	G[5]
N	38	4127.399	512.199	496.180	497.188	495.172	N[4]
V	39	4290.462	398.150	382.131	383.145	381.129	V[3]
S	40	4377.494	235.062	219.074	220.082	218.066	S[2]
E	41	4406.537	148.000	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.30
- ▶ F113279.dat
- ▶ query=q46078.p1
- ▶ precursor=752.095930
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	c	AA
S	74.062	2054.264	2266.255	8.804	2245.781	S[41]
G	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	180.603	2161.232	2153.233	2153.236	2152.710	R[39]
G	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
G	337.194	1990.622	1982.614	1983.118	1982.110	G[36]
G	385.703	1926.594	1918.584	1919.088	1918.080	G[35]
G	394.212	1898.083	1899.074	1899.578	1898.570	G[34]
K	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	493.778	1805.525	1797.516	1798.019	1797.012	A[32]
R	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	607.337	1692.959	1684.949	1685.453	1684.444	A[30]
R	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	706.913	1592.900	1584.890	1584.884	1583.876	A[28]
K	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	899.535	1442.800	1434.791	1435.294	1434.286	R[25]
S	933.651	1384.249	1356.240	1356.744	1355.736	S[24]
S	986.567	1320.733	1312.724	1313.228	1312.220	S[23]
R	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	1138.647	1153.648	1155.639	1156.143	1155.135	G[20]
L	1185.189	1138.137	1127.128	1127.632	1126.624	L[19]
Q	1249.218	1073.595	1070.586	1071.090	1070.082	Q[18]
F	1322.753	1014.566	1006.557	1007.061	1006.053	F[17]
F	1371.279	941.033	933.023	933.526	932.519	F[16]
V	1420.811	892.506	884.496	885.000	883.992	V[15]
G	1469.324	842.971	834.962	835.466	834.458	G[14]
R	1527.874	814.461	806.451	806.955	805.947	R[13]
V	1576.909	736.410	728.401	728.905	727.897	V[12]
H	1645.438	688.876	678.866	679.370	678.363	H[11]
R	1723.489	618.346	610.337	610.841	609.833	R[10]
L	1780.031	540.296	532.286	532.790	531.783	L[9]
L	1838.573	483.754	475.744	476.248	475.241	L[8]
R	1914.623	427.212	419.202	419.706	418.699	R[7]
K	1978.671	349.161	341.152	341.656	340.648	K[6]
G	2067.181	285.114	277.104	277.608	276.600	G[5]
N	2094.203	256.603	248.594	249.098	248.090	N[4]
V	2145.236	199.562	191.552	192.056	191.048	V[3]
S	2199.261	118.056	110.046	110.549	109.541	S[2]
E	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.30
- ▶ F113279.dat
- ▶ query=q46078.p1
- ▶ precursor=752.095930
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	#s	AA	
S	1	489.607	1503.178	1497.839	0.872	1497.563	S[41]
G	2	86.704	1460.184	1454.275	0.672	1454.482	G[49]
R	3	1307.188	1441.157	1435.817	1436.153	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.420	1383.448	G[38]
K	5	182.443	1370.110	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	284.117	1294.785	1289.382	1289.728	1288.956	G[35]
G	8	283.144	1285.725	1260.385	1260.721	1260.040	G[34]
K	9	305.842	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	328.521	1204.010	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.240	1175.000	1175.336	1174.664	R[31]
A	12	489.294	1128.306	1122.907	1123.303	1122.831	A[30]
K	13	447.932	1104.627	1099.288	1099.624	1098.952	K[29]
A	14	471.611	1061.929	1056.589	1056.925	1056.251	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.602	995.552	990.212	990.548	989.876	T[26]
R	17	608.626	961.869	956.529	956.865	956.191	R[25]
S	18	629.919	909.835	904.436	904.837	904.166	S[24]
S	19	658.047	880.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.014	846.474	846.810	846.138	R[22]
A	21	723.160	799.780	794.441	794.777	794.105	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	789.663	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	719.306	714.000	714.396	713.724	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.351	622.687	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1003.886	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	490.276	485.038	486.272	485.600	V[12]
H	31	1097.294	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.384	317.044	317.380	316.708	L[8]
R	35	1225.173	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1436.826	133.390	128.051	128.386	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=50.30
- ▶ F113279.dat
- ▶ query=q46078.p1
- ▶ precursor=752.095930
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	m	p	#s=1	#s=2	#s	AA
S	1	37.505	1127.636	1123.631	0.705	1123.370	0.541	G40
G	2	51.780	1035.375	1091.370	0.795	1002.115	0.469	R30
R	3	90.805	1081.120	1077.115	1077.367	1076.861	R30	
G	4	109.001	1042.094	1038.090	1038.342	1037.835	G38	
K	5	137.064	1027.839	1023.834	1024.086	1023.582	K37	
G	6	169.099	995.915	991.911	992.062	991.559	G36	
G	7	193.354	963.801	959.796	960.048	959.544	G35	
G	8	197.610	949.545	945.541	945.792	945.289	G34	
K	9	239.633	935.290	931.285	931.537	931.033	K33	
A	10	247.303	903.266	899.261	899.513	899.009	A32	
R	11	286.418	895.507	891.502	891.754	891.250	R31	
A	12	304.197	868.482	864.477	864.729	864.225	A30	
K	13	336.201	828.722	824.718	824.970	824.466	K29	
A	14	353.960	796.699	792.694	792.946	792.442	A28	
K	15	385.964	778.939	774.935	775.187	774.683	K27	
T	16	411.246	746.915	742.911	743.163	742.659	T26	
R	17	459.274	721.954	717.949	718.201	717.697	R25	
S	18	472.609	692.629	688.624	688.876	688.372	S24	
S	19	493.787	660.970	656.966	657.218	656.714	S23	
R	20	532.613	639.112	635.108	635.360	634.856	R22	
A	21	539.572	600.087	596.082	596.334	595.830	A21	
G	22	564.827	582.329	578.323	578.575	578.071	G20	
L	23	593.098	568.072	564.068	564.320	563.816	L19	
Q	24	625.113	539.803	535.797	536.049	535.545	Q18	
F	25	661.880	507.797	503.792	504.044	503.540	F17	
F	26	698.143	471.020	467.015	467.267	466.763	F16	
V	27	710.910	446.756	442.752	443.004	442.500	V15	
G	28	752.588	421.989	417.985	418.237	417.733	G14	
K	29	764.191	389.734	385.729	385.981	385.477	K13	
V	30	788.958	368.709	364.704	364.956	364.452	V12	
H	31	823.223	343.942	339.937	340.189	339.685	H11	
R	32	862.248	309.677	305.672	305.924	305.420	R10	
L	33	890.519	270.652	266.647	266.899	266.395	L9	
L	34	918.969	242.361	238.356	238.608	238.104	L8	
R	35	957.815	214.110	210.105	210.357	209.853	R7	
K	36	989.839	175.084	171.080	171.332	170.828	K6	
G	37	1064.094	143.061	139.056	139.308	138.804	G5	
N	38	1032.605	128.805	124.800	125.052	124.548	N4	
V	39	1073.371	100.294	96.289	96.541	96.037	V3	
S	40	1069.439	99.529	95.524	95.776	95.272	S2	
E	41	1127.590	97.771	93.766	94.018	93.514	E1	

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=50.30
- ▶ F113279.dat
- ▶ query=q46078_p1
- ▶ precursor=752.095930
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.290	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.635	756.434	756.635	756.232	G[34]
K[9]	183.908	748.431	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.136	708.607	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	528.696	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.930	357.607	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.589	334.791	334.388	G[14]
K[29]	611.354	326.389	323.185	323.386	322.983	K[13]
V[30]	631.368	295.155	291.965	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.106	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.285	168.487	168.084	R[7]
K[36]	792.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.477	114.650	111.446	111.648	111.245	G[5]
H[38]	829.296	103.245	100.042	100.243	99.840	H[4]
V[39]	858.898	80.431	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGG^{Acetyl}_{42.01} TGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.26
- ▶ F113279.dat
- ▶ query=q46117.p1
- ▶ precursor=753.428840
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4515.526	4499.507	0.000	4498.490	S[41]
G	2	204.098	4386.483	4370.464	0.000	4369.457	G[40]
R	3	360.199	4329.462	4313.443	4314.451	4312.435	R[39]
G	4	417.220	4173.361	4157.342	4158.350	4156.334	G[38]
K	5	587.326	4116.139	4100.120	4101.128	4099.113	K[37]
T	6	688.374	3946.234	3930.215	3931.223	3929.207	T[36]
G	7	745.395	3845.085	3829.066	3830.075	3828.059	G[35]
G	8	802.417	3788.164	3772.145	3773.153	3771.138	G[34]
K	9	830.512	3731.143	3715.124	3716.132	3714.116	K[33]
A	10	1001.549	3603.048	3587.029	3588.037	3586.021	A[32]
R	11	1167.650	3532.011	3515.992	3517.000	3514.984	R[31]
A	12	1228.687	3375.906	3359.887	3360.895	3358.880	A[30]
R	13	1356.782	3304.873	3288.854	3289.862	3287.846	R[29]
A	14	1427.819	3176.778	3160.759	3161.767	3159.751	A[28]
K	15	1555.914	3105.741	3089.722	3090.730	3088.714	K[27]
S	16	1642.946	2977.646	2961.627	2962.635	2960.619	S[26]
R	17	1709.047	2890.614	2874.595	2875.603	2873.587	R[25]
S	18	1889.079	2734.519	2718.500	2719.508	2717.492	S[24]
S	19	1973.111	2647.480	2631.461	2632.470	2630.454	S[23]
R	20	2129.212	2560.443	2544.424	2545.432	2543.416	R[22]
A	21	2209.249	2404.347	2388.328	2389.336	2387.321	A[21]
G	22	2257.271	2313.310	2317.291	2318.299	2316.284	G[20]
L	23	2310.285	2276.289	2260.270	2261.278	2259.263	L[19]
Q	24	2408.413	2163.205	2147.186	2148.194	2146.179	Q[18]
F	25	2643.482	2085.149	2018.121	2020.136	2018.120	F[17]
F	26	2742.535	1888.078	1872.059	1873.067	1871.051	F[16]
V	27	2841.603	1791.025	1775.006	1776.014	1773.998	V[15]
G	28	2898.625	1691.956	1675.938	1676.946	1674.930	G[14]
R	29	3054.726	1634.930	1618.916	1619.924	1617.908	R[13]
V	30	3153.784	1478.834	1462.815	1463.823	1461.807	V[12]
H	31	3290.853	1370.765	1363.747	1364.755	1362.739	H[11]
R	32	3446.954	1242.707	1226.688	1227.696	1225.680	R[10]
L	33	3560.038	1096.605	1070.587	1071.595	1069.579	L[9]
L	34	3673.122	873.521	957.503	958.510	956.495	L[8]
R	35	3829.273	696.437	443	697.445	695.430	R[7]
K	36	3957.318	704.330	688.317	689.325	687.310	K[6]
G	37	4014.340	576.241	560.221	561.230	559.215	G[5]
H	38	4151.399	519.220	503.201	504.209	502.193	H[4]
V	39	4314.462	382.161	366.143	367.150	365.134	V[3]
A	40	4485.499	219.098	203.079	204.087	202.071	A[2]
E	41	4514.542	148.060	132.043	133.050	131.034	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} TGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.26
- ▶ F113279.dat
- ▶ query=q46117.p1
- ▶ precursor=753.428840
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2758.266	2750.257	0.504	2340.753	S[41]
G	2	102.563	2191.745	2185.736	0.504	2185.232	G[40]
R	3	180.603	2195.734	2157.225	2157.730	2156.721	R[39]
G	4	209.114	2087.184	2079.175	2079.678	2078.671	G[38]
K	5	204.167	2058.673	2050.664	2051.168	2050.160	K[37]
T	6	384.690	1873.628	1865.611	1866.115	1865.107	T[36]
G	7	373.201	1823.067	1815.058	1915.591	1914.582	G[35]
G	8	401.712	1894.585	1886.576	1887.080	1886.073	G[34]
K	9	465.759	1866.075	1858.066	1858.570	1857.562	K[33]
A	10	501.278	1802.028	1794.018	1794.522	1793.514	A[32]
R	11	579.259	1756.509	1748.500	1749.004	1747.996	R[31]
A	12	614.847	1698.459	1690.449	1688.953	1687.945	A[30]
R	13	678.895	1652.940	1644.931	1645.435	1644.427	R[29]
A	14	714.413	1588.892	1580.883	1581.387	1580.379	A[28]
K	15	778.461	1503.374	1545.365	1546.868	1544.861	K[27]
S	16	821.977	1489.326	1481.317	1481.821	1480.813	S[26]
R	17	900.627	1445.810	1437.801	1438.305	1437.297	R[25]
S	18	943.923	1309.760	1355.750	1308.254	1309.246	S[24]
S	19	987.059	1324.244	1316.234	1316.738	1315.731	S[23]
R	20	1065.110	1280.728	1272.718	1273.222	1272.215	R[22]
A	21	1109.626	1202.677	1194.668	1195.172	1194.164	A[21]
G	22	1129.139	1167.159	1159.149	1159.653	1158.645	G[20]
L	23	1185.801	1138.640	1130.630	1131.134	1130.135	L[19]
Q	24	1249.710	1082.106	1074.096	1074.601	1073.593	Q[18]
F	25	1213.248	1018.077	1010.067	1010.571	1009.563	F[17]
P	26	1371.771	944.542	936.533	937.037	936.029	P[16]
V	27	1421.305	896.016	888.007	888.511	887.503	V[15]
G	28	1449.816	846.482	838.473	838.976	837.969	G[14]
D	29	1572.866	817.971	809.962	810.466	809.458	D[13]
K	30	1577.401	739.921	731.911	732.415	731.407	K[12]
H	31	1645.930	690.385	682.377	682.881	681.873	H[11]
R	32	1723.981	611.857	613.848	614.351	613.344	R[10]
L	33	1780.523	543.806	535.797	536.301	535.293	L[9]
L	34	1837.065	487.264	479.255	479.759	478.751	L[8]
R	35	1813.315	438.722	430.713	431.217	429.209	R[7]
K	36	1979.163	352.672	344.662	345.166	344.158	K[6]
G	37	2007.674	288.624	280.615	281.119	280.111	G[5]
H	38	2076.203	260.114	252.104	252.608	251.600	H[4]
V	39	2157.735	191.984	183.975	184.479	183.071	V[3]
A	40	2193.251	110.052	102.043	102.547	101.539	A[2]
E	41	2257.774	74.534	66.525	67.028	66.021	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} TGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=52.26
- ▶ F113279.dat
- ▶ query=q46117.p1
- ▶ precursor=753.428840
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#±1	#±2	z	AA	
S	1	48.697	1508.347	1500.507	4.872	1500.177	S[41]
G	2	86.704	1462.833	1457.453	0.672	1457.157	G[49]
R	3	150.718	1443.825	1438.486	1438.822	1438.150	R[30]
G	4	159.745	1391.792	1386.452	1386.788	1386.110	G[38]
K	5	196.447	1372.785	1367.445	1367.781	1367.109	K[37]
T	6	230.229	1316.081	1310.743	1311.079	1310.401	T[36]
G	7	269.137	1262.850	1277.061	1277.397	1276.720	G[35]
G	8	268.144	1263.903	1258.053	1258.389	1257.717	G[34]
K	9	310.842	1244.388	1239.046	1239.382	1238.710	K[33]
A	10	334.521	1201.688	1196.348	1196.684	1196.012	A[32]
R	11	366.555	1178.008	1172.669	1173.005	1172.333	R[31]
A	12	410.234	1125.975	1120.635	1120.971	1120.299	A[30]
R	13	452.932	1102.256	1096.958	1097.292	1096.620	R[29]
A	14	496.611	1059.597	1054.258	1054.594	1053.922	A[28]
K	15	519.309	1035.918	1030.579	1030.915	1030.243	K[27]
S	16	548.320	993.220	987.880	988.216	987.545	S[26]
R	17	606.254	984.200	958.870	959.206	958.534	R[25]
S	18	628.366	912.176	906.836	907.172	906.500	S[24]
S	19	658.375	883.165	877.825	878.161	877.489	S[23]
R	20	710.400	854.154	848.815	849.151	848.479	R[22]
A	21	734.088	802.121	796.781	797.117	796.445	A[21]
G	22	753.095	778.442	773.102	773.438	772.766	G[20]
L	23	795.798	756.134	750.793	751.129	750.457	L[19]
G	24	833.476	721.740	716.400	716.736	716.064	G[18]
F	25	882.409	679.054	673.714	674.050	673.378	F[17]
F	26	914.850	630.031	624.691	625.027	624.355	F[16]
V	27	947.873	597.680	592.340	592.676	592.004	V[15]
G	28	966.880	564.657	559.317	559.653	558.981	G[14]
R	29	1015.813	545.656	540.316	540.652	539.980	R[13]
V	30	1051.936	493.616	488.277	488.613	487.941	V[12]
H	31	1097.823	460.593	455.254	455.590	454.918	H[11]
R	32	1149.656	414.907	409.567	409.903	409.232	R[10]
L	33	1187.353	362.873	357.534	357.870	357.198	L[9]
L	34	1225.046	328.179	318.839	319.175	318.503	L[8]
R	35	1277.079	287.484	282.144	282.480	281.808	R[7]
K	36	1319.778	235.450	230.111	230.447	229.775	K[6]
G	37	1338.785	192.752	187.412	187.748	187.076	G[5]
H	38	1394.471	173.745	168.405	168.741	168.069	H[4]
V	39	1438.826	128.098	122.758	123.094	122.422	V[3]
A	40	1448.265	73.304	68.384	68.720	68.048	A[2]
E	41	1505.519	50.025	44.685	45.021	44.349	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} TGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=52.26
- ▶ F113279.dat
- ▶ query=q46117.p1
- ▶ precursor=753.428840
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	1129.637	1125.632	0.755	1125.360	S[41]
G[2]	51.780	1097.376	1093.372	0.755	1093.120	G[40]
R[3]	90.805	1083.121	1079.116	1079.368	1078.864	R[30]
G[4]	105.061	1044.090	1040.091	1040.343	1039.839	G[38]
K[5]	147.507	1029.940	1025.936	1026.087	1025.584	K[37]
T[6]	172.889	987.314	983.309	983.561	983.057	T[36]
G[7]	187.104	952.056	958.047	958.299	957.795	G[35]
G[8]	201.360	947.797	943.792	944.044	943.540	G[34]
K[9]	233.383	933.541	929.537	929.789	929.285	K[33]
A[10]	251.143	901.517	897.513	897.765	897.261	A[32]
R[11]	290.168	881.758	879.753	880.005	879.502	R[31]
A[12]	307.827	844.733	840.728	840.980	840.476	A[30]
R[13]	339.951	825.974	822.969	823.221	822.717	R[29]
A[14]	357.710	794.950	790.945	791.197	790.693	A[28]
K[15]	389.734	777.191	773.186	773.438	772.934	K[27]
S[16]	411.492	745.167	741.162	741.414	740.910	S[26]
R[17]	450.517	721.400	719.406	719.658	719.154	R[25]
S[18]	472.276	684.384	680.379	680.631	680.127	S[24]
S[19]	494.033	662.626	658.621	658.873	658.369	S[23]
R[20]	533.059	640.868	636.863	637.115	636.611	R[22]
A[21]	550.818	601.842	597.837	598.090	597.586	A[21]
G[22]	565.073	584.083	580.078	580.330	579.826	G[20]
L[23]	603.334	569.826	565.821	566.073	565.571	L[19]
Q[24]	625.359	541.557	537.552	537.804	537.300	Q[19]
F[25]	662.126	509.542	505.537	505.789	505.285	F[17]
P[26]	686.389	472.775	468.770	469.022	468.518	P[16]
V[27]	711.156	448.512	444.507	444.759	444.255	V[15]
G[28]	725.412	423.745	419.740	419.992	419.488	G[14]
D[29]	764.437	400.488	405.483	405.735	405.231	D[13]
V[30]	789.204	370.469	366.464	366.717	366.213	V[12]
H[31]	823.469	345.097	341.092	341.344	341.440	H[11]
R[32]	862.494	311.432	307.427	307.679	307.175	R[10]
L[33]	890.705	272.407	268.402	268.654	268.150	L[9]
L[34]	919.036	244.136	240.131	240.383	239.879	L[8]
H[35]	938.061	215.865	211.860	212.112	211.608	H[7]
K[36]	990.085	178.940	172.935	173.087	172.583	K[6]
G[37]	1004.340	144.816	140.811	141.063	140.559	G[5]
H[38]	1038.605	130.560	126.556	126.808	126.304	H[4]
V[39]	1079.371	96.290	92.291	92.543	92.039	V[3]
A[40]	1097.130	55.530	51.525	51.777	51.273	A[2]
E[41]	1129.391	37.771	33.766	34.018	33.514	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} TGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=52.26
- ▶ F113279.dat
- ▶ query=q46117_p1
- ▶ precursor=753.428840
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	903.911	900.707	0.806	900.506	S[41]
G[2]	41.625	878.102	874.899	0.806	874.697	G[40]
R[3]	72.846	866.698	863.494	863.696	863.293	R[39]
G[4]	84.250	835.478	832.274	832.476	832.073	G[38]
K[5]	118.271	804.074	803.870	803.071	800.668	K[37]
T[6]	138.481	790.053	786.849	787.050	786.647	T[36]
G[7]	149.685	769.843	766.639	766.841	766.438	G[35]
G[8]	161.289	758.439	755.235	755.437	755.033	G[34]
K[9]	188.908	747.034	743.831	744.032	743.629	K[33]
A[10]	201.118	721.415	718.212	718.413	718.010	A[32]
R[11]	232.336	707.205	704.004	704.206	703.803	R[31]
A[12]	246.543	675.988	672.784	672.986	672.582	A[30]
K[13]	272.162	661.780	658.577	658.778	658.375	K[29]
A[14]	286.370	636.161	632.958	633.159	632.756	A[28]
K[15]	311.989	621.954	618.750	618.952	618.549	K[27]
S[16]	329.395	596.335	593.131	593.333	592.930	S[26]
R[17]	360.615	578.929	575.725	575.926	575.523	R[25]
S[18]	378.022	547.708	544.503	544.706	544.303	S[24]
S[19]	399.428	530.302	527.099	527.300	526.897	S[23]
R[20]	426.648	512.895	509.692	509.893	509.490	R[22]
A[21]	440.856	481.675	478.472	478.673	478.270	A[21]
G[22]	452.260	467.468	464.264	464.466	464.063	G[20]
L[23]	474.877	456.064	452.860	453.061	452.658	L[19]
Q[24]	500.489	433.447	430.243	430.445	430.041	Q[18]
F[25]	529.902	407.835	404.631	404.833	404.430	F[17]
P[26]	549.313	378.421	375.218	375.419	375.016	P[16]
V[27]	559.126	359.011	355.807	356.009	355.605	V[15]
G[28]	580.531	339.191	335.987	336.189	335.782	G[14]
R[29]	611.751	327.793	324.589	324.791	324.388	R[13]
V[30]	631.565	296.573	293.369	293.570	293.167	V[12]
H[31]	658.976	276.759	273.555	273.757	273.354	H[11]
R[32]	690.197	249.347	246.143	246.345	245.942	R[10]
L[33]	712.813	218.127	214.923	215.125	214.722	L[9]
L[34]	735.430	195.510	192.306	192.508	192.105	L[8]
R[35]	766.650	172.893	169.689	169.891	169.488	R[7]
K[36]	782.269	141.673	138.469	138.671	138.268	K[6]
G[37]	803.074	116.054	112.850	113.052	112.649	G[5]
H[38]	831.088	104.650	101.446	101.648	101.244	H[4]
V[39]	863.698	77.238	74.034	74.236	73.833	V[3]
A[40]	877.906	44.625	41.422	41.623	41.220	A[2]
E[41]	903.714	30.418	27.214	27.416	27.013	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGG^{Acetyl}_{42.01} TGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.15
- ▶ F113279.dat
- ▶ query=q46118.p1
- ▶ precursor=753.429120
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	147.076	4315.320	4489.307	4.800	4489.407	S[41]
G	2	204.098	4386.483	4370.464	0.000	4369.457	G[40]
R	3	360.199	4329.463	4311.443	4314.451	4311.435	R[39]
G	4	417.220	4173.361	4157.342	4156.350	4156.334	G[38]
K	5	587.326	4116.339	4100.320	4101.328	4099.313	K[37]
T	6	688.374	3946.234	3930.215	3931.223	3929.207	T[36]
G	7	745.395	3845.198	3829.187	3830.178	3829.165	G[35]
G	8	802.417	3788.164	3772.146	3773.153	3771.138	G[34]
K	9	930.512	3731.143	3715.124	3716.132	3714.116	K[33]
A	10	1001.549	3603.048	3587.029	3588.037	3586.021	A[32]
R	11	1167.659	3532.011	3515.992	3517.000	3514.984	R[31]
A	12	1228.687	3378.916	3362.897	3363.899	3361.883	A[30]
K	13	1306.752	3304.873	3288.854	3289.862	3287.846	K[29]
A	14	1427.819	3176.776	3160.756	3161.767	3159.751	A[28]
K	15	1555.914	3105.741	3089.722	3090.730	3088.714	K[27]
S	16	1642.946	2977.646	2961.627	2962.635	2960.619	S[26]
R	17	1769.047	2890.614	2874.595	2875.603	2873.587	R[25]
S	18	1888.078	2794.572	2778.553	2779.562	2777.546	S[24]
S	19	1973.111	2647.488	2631.469	2632.476	2630.461	S[23]
R	20	2126.212	2560.448	2544.430	2545.437	2543.421	R[22]
A	21	2200.249	2404.347	2388.329	2389.336	2387.321	A[21]
G	22	2257.271	2333.310	2317.291	2318.299	2316.284	G[20]
L	23	2376.368	2278.289	2262.270	2263.278	2261.263	L[19]
G	24	2488.413	2163.255	2147.236	2148.244	2146.229	G[18]
F	25	2645.482	2035.148	2019.129	2020.136	2018.120	F[17]
F	26	2742.535	1888.078	1872.059	1873.067	1871.051	F[16]
V	27	2841.603	1791.025	1775.006	1776.014	1773.998	V[15]
G	28	2886.625	1691.995	1675.976	1676.984	1674.969	G[14]
R	29	3054.726	1634.925	1618.910	1619.924	1617.905	R[13]
V	30	3153.794	1476.834	1462.815	1463.823	1461.807	V[12]
H	31	3296.853	1379.765	1363.747	1364.755	1362.739	H[11]
R	32	3446.954	1242.707	1226.688	1227.696	1225.680	R[10]
L	33	3560.038	1086.605	1070.587	1071.595	1069.579	L[9]
L	34	3673.122	873.521	857.503	858.510	856.494	L[8]
R	35	3826.212	669.437	644.419	645.426	643.411	R[7]
K	36	3957.318	704.336	688.317	689.325	687.310	K[6]
G	37	4014.340	676.241	660.223	661.230	659.215	G[5]
H	38	4151.399	619.220	603.201	604.209	602.193	H[4]
V	39	4314.462	582.161	566.142	567.150	565.134	V[3]
A	40	4385.499	419.096	403.079	404.087	402.071	A[2]
E	41	4514.542	148.060	132.042	133.050	131.034	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} TGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.15
- ▶ F113279.dat
- ▶ query=q46118.p1
- ▶ precursor=753.429120
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	s+1	s+2	z	AA	
S	1	74.062	2528.206	2269.287	8.804	2249.781	S(1)
G	2	102.553	2193.745	2185.736	0.504	2185.232	G(2)
R	3	180.603	2165.234	2157.225	2157.720	2156.721	R(3)
G	4	209.114	2087.184	2079.175	2079.670	2078.671	G(4)
K	5	294.167	2038.673	2030.664	2031.168	2030.169	K(5)
T	6	344.650	1972.620	1964.611	1964.115	1965.111	T(6)
G	7	373.203	1923.091	1915.087	1915.591	1914.588	G(7)
G	8	401.712	1894.588	1886.579	1887.080	1886.073	G(8)
K	9	465.750	1866.075	1858.066	1858.570	1857.562	K(9)
A	10	501.278	1802.028	1794.018	1794.522	1793.514	A(10)
R	11	577.329	1766.509	1758.500	1759.004	1757.996	R(11)
A	12	614.897	1688.858	1680.849	1680.953	1679.946	A(12)
K	13	678.895	1652.940	1644.931	1645.435	1644.427	K(13)
A	14	714.413	1588.893	1580.883	1581.387	1580.379	A(14)
K	15	778.461	1553.374	1545.365	1545.868	1544.861	K(15)
S	16	821.977	1489.320	1481.317	1481.821	1480.813	S(16)
R	17	900.827	1425.270	1437.801	1438.305	1437.297	R(17)
S	18	953.818	1367.760	1369.750	1369.254	1369.246	S(18)
S	19	987.959	1324.244	1316.234	1316.738	1315.731	S(19)
R	20	1065.110	1280.728	1272.718	1273.222	1272.215	R(20)
A	21	1100.628	1202.671	1194.660	1195.172	1194.164	A(21)
G	22	1129.139	1167.159	1159.149	1159.653	1158.645	G(22)
L	23	1165.861	1138.848	1130.839	1131.343	1130.335	L(23)
G	24	1249.710	1082.156	1074.097	1074.601	1073.593	G(24)
F	25	1323.245	1018.077	1010.067	1010.571	1009.563	F(25)
F	26	1374.771	944.542	936.533	937.037	936.029	F(26)
V	27	1421.305	896.016	888.007	888.511	887.503	V(27)
G	28	1449.816	848.462	840.452	838.876	837.869	G(28)
R	29	1507.859	819.911	809.962	810.466	809.458	R(29)
V	30	1577.401	789.921	781.911	782.415	781.407	V(30)
H	31	1645.930	690.388	682.377	682.881	681.873	H(31)
R	32	1723.981	621.851	613.848	614.351	613.344	R(32)
L	33	1780.523	643.808	635.797	636.301	635.293	L(33)
L	34	1837.065	489.264	479.253	479.756	478.748	L(34)
R	35	1915.115	439.722	429.713	429.217	428.209	R(35)
K	36	1979.153	352.672	344.662	345.166	344.158	K(36)
G	37	2067.674	288.624	280.615	281.119	280.111	G(37)
H	38	2076.203	260.114	252.104	252.608	251.600	H(38)
V	39	2157.735	191.564	183.575	184.079	183.071	V(39)
A	40	2193.253	110.026	102.043	102.547	101.539	A(40)
E	41	2257.774	74.534	66.524	67.028	66.021	E(41)

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} TGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.15
- ▶ F113279.dat
- ▶ query=q46118.p1
- ▶ precursor=753.429120
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#=1	#=2	#=3	AA	
S	1	489.697	1508.347	1500.507	0.872	1500.171	S[41]
G	2	66.704	1462.833	1457.493	0.672	1457.157	G[40]
R	3	1507.718	1443.625	1438.486	1438.622	1438.150	R[39]
G	4	159.745	1391.792	1386.452	1386.788	1386.110	G[38]
K	5	196.447	1372.785	1367.445	1367.781	1367.109	K[37]
T	6	230.229	1316.082	1310.743	1311.079	1310.401	T[36]
G	7	269.137	1252.400	1247.061	1247.397	1246.720	G[35]
G	8	268.144	1263.903	1258.053	1258.389	1257.711	G[34]
K	9	310.642	1244.388	1239.048	1239.382	1238.710	K[33]
A	10	334.521	1201.688	1196.348	1196.684	1196.012	A[32]
R	11	366.555	1178.080	1172.680	1173.005	1172.331	R[31]
A	12	410.234	1125.395	1120.035	1120.361	1119.689	A[30]
R	13	452.932	1102.256	1096.956	1097.292	1096.620	R[29]
A	14	496.611	1059.597	1054.258	1054.584	1053.907	A[28]
K	15	519.309	1035.918	1030.579	1030.915	1030.243	K[27]
S	16	548.320	993.220	987.880	988.216	987.543	S[26]
R	17	606.254	984.200	958.870	958.206	958.534	R[25]
S	18	628.366	912.176	906.837	907.173	906.500	S[24]
S	19	658.375	883.165	877.825	878.161	877.489	S[23]
R	20	710.400	854.154	848.815	849.151	848.479	R[22]
A	21	734.088	802.121	796.781	797.117	796.445	A[21]
G	22	753.095	778.442	773.102	773.438	772.766	G[20]
L	23	788.134	758.434	753.094	753.430	752.758	L[19]
G	24	833.476	721.740	716.400	716.736	716.064	G[18]
F	25	882.409	679.054	673.714	674.050	673.378	F[17]
F	26	914.850	630.031	624.691	625.027	624.355	F[16]
V	27	947.873	597.680	592.340	592.676	592.004	V[15]
G	28	966.880	564.657	559.317	559.653	558.981	G[14]
R	29	1018.813	545.650	540.310	540.646	539.974	R[13]
V	30	1051.936	493.616	488.277	488.613	487.941	V[12]
H	31	1097.623	460.593	455.254	455.590	454.918	H[11]
R	32	1149.656	414.907	409.567	409.903	409.232	R[10]
L	33	1187.351	362.872	357.534	357.870	357.198	L[9]
L	34	1225.046	328.178	318.839	319.175	318.503	L[8]
R	35	1277.089	287.484	282.144	282.480	281.808	R[7]
K	36	1319.778	235.450	230.111	230.447	229.775	K[6]
G	37	1338.785	192.753	187.413	187.748	187.076	G[5]
H	38	1384.471	173.745	168.405	168.741	168.069	H[4]
V	39	1438.826	128.098	122.758	123.094	122.422	V[3]
A	40	1482.805	83.304	78.004	78.340	77.668	A[2]
E	41	1505.519	50.025	44.685	45.021	44.349	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} TGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=42.15
- ▶ F113279.dat
- ▶ query=q46118.p1
- ▶ precursor=753.429120
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	37.505	1129.937	1125.632	0.705	1125.380	S[41]
G	2	51.780	1097.376	1053.172	0.795	1003.120	G[40]
R	3	90.805	1083.121	1079.110	1079.368	1079.864	R[39]
G	4	105.001	1044.096	1040.091	1040.343	1039.839	G[38]
K	5	147.587	1029.840	1025.836	1026.087	1025.584	K[37]
T	6	172.849	987.314	983.309	983.561	983.061	T[36]
G	7	187.104	959.055	955.047	956.079	955.075	G[35]
G	8	201.360	947.707	943.702	944.044	943.540	G[34]
K	9	233.983	933.541	929.537	929.788	929.285	K[33]
A	10	251.143	901.511	897.513	897.765	897.261	A[32]
R	11	290.168	853.728	849.733	850.005	849.502	R[31]
A	12	307.897	844.733	840.738	840.990	840.487	A[30]
K	13	339.951	826.974	822.969	823.221	822.717	K[29]
A	14	357.710	794.950	790.945	791.197	790.693	A[28]
K	15	389.734	777.191	773.186	773.438	772.934	K[27]
S	16	411.492	745.167	741.162	741.414	740.910	S[26]
R	17	458.517	721.409	717.404	717.656	717.152	R[25]
S	18	472.976	694.384	690.379	690.631	690.127	S[24]
S	19	494.033	662.626	658.621	658.873	658.369	S[23]
R	20	533.059	640.868	636.863	637.115	636.611	R[22]
A	21	550.818	601.842	597.838	598.090	597.586	A[21]
C	22	565.073	584.083	580.078	580.330	579.826	C[20]
L	23	593.344	669.826	665.823	666.075	665.571	L[19]
Q	24	625.359	541.557	537.552	537.804	537.300	Q[18]
F	25	662.126	509.542	505.537	505.789	505.285	F[17]
P	26	698.389	472.775	468.770	469.022	468.518	P[16]
V	27	711.156	448.512	444.507	444.759	444.255	V[15]
C	28	725.412	423.745	419.740	419.992	419.488	C[14]
R	29	764.433	409.809	405.804	406.056	405.552	R[13]
V	30	799.204	370.464	366.459	366.711	366.207	V[12]
H	31	823.469	345.697	341.692	341.944	341.440	H[11]
R	32	862.494	311.432	307.427	307.679	307.175	R[10]
L	33	890.765	272.407	268.402	268.654	268.150	L[9]
L	34	918.036	244.178	240.173	240.425	239.921	L[8]
R	35	958.063	213.885	211.880	212.132	211.628	R[7]
K	36	990.085	178.848	172.835	173.087	172.583	K[6]
G	37	1004.340	144.816	140.811	141.063	140.559	G[5]
H	38	1038.605	130.560	126.556	126.808	126.304	H[4]
V	39	1079.371	96.296	92.291	92.543	92.039	V[3]
A	40	1097.130	58.530	53.525	53.777	53.273	A[2]
E	41	1129.391	37.771	33.766	34.018	33.514	E[1]

sp | P27661 | H2AX_MOUSE

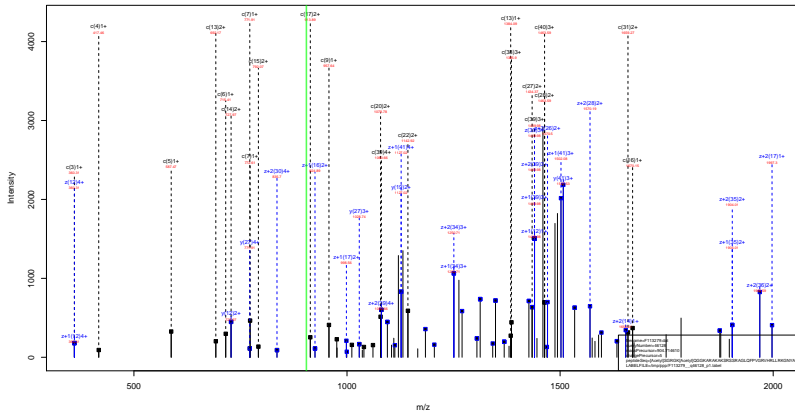
[Acetyl]SGRGRK^{Acetyl}_{42.01} TGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=42.15
- ▶ F113279.dat
- ▶ query=q46118.p1
- ▶ precursor=753.429120
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	903.911	900.707	0.806	900.506	S[41]
G[2]	41.625	878.102	874.899	0.806	874.697	G[40]
R[3]	72.846	866.698	863.494	861.696	863.293	R[39]
G[4]	84.250	835.478	832.274	832.476	832.073	G[38]
K[5]	118.271	824.074	820.870	821.071	820.668	K[37]
T[6]	138.481	790.053	786.849	787.050	786.647	T[36]
G[7]	149.885	769.843	766.639	766.841	766.438	G[35]
G[8]	163.289	758.439	755.235	755.437	755.033	G[34]
K[9]	186.908	737.034	743.831	744.032	743.629	K[13]
A[10]	201.116	721.415	718.212	718.413	718.010	A[12]
R[11]	232.136	707.208	704.004	704.206	703.803	R[11]
A[12]	246.543	675.988	672.784	672.986	672.582	A[30]
K[13]	272.162	661.780	658.577	658.778	658.375	K[29]
A[14]	286.370	636.161	632.958	633.159	632.756	A[28]
K[15]	311.989	621.954	618.750	618.952	618.549	K[27]
S[16]	329.395	596.335	593.131	593.333	592.930	S[26]
R[17]	360.615	578.929	575.725	575.926	575.523	R[25]
S[18]	378.022	547.708	544.505	544.706	544.303	S[24]
S[19]	399.428	530.302	527.099	527.300	526.897	S[23]
R[20]	426.648	512.895	509.692	509.893	509.490	R[22]
A[21]	440.856	481.675	478.472	478.673	478.270	A[21]
G[22]	452.260	467.468	464.264	464.466	464.063	G[20]
L[23]	474.877	456.064	452.860	453.061	452.658	L[19]
Q[24]	500.489	433.447	430.243	430.445	430.041	Q[18]
F[25]	529.902	407.835	404.631	404.833	404.430	F[17]
P[26]	549.313	378.421	375.218	375.419	375.016	P[16]
V[27]	569.126	359.011	355.807	356.009	355.605	V[15]
G[28]	580.531	339.187	335.983	336.185	335.782	G[14]
R[29]	611.751	327.784	324.580	324.781	324.378	R[13]
V[30]	631.565	296.573	293.369	293.570	293.167	V[12]
H[31]	658.976	276.759	273.555	273.757	273.354	H[11]
R[32]	690.197	249.347	246.143	246.345	245.942	R[10]
L[33]	712.813	218.127	214.923	215.125	214.722	L[9]
L[34]	736.430	195.510	192.306	192.508	192.105	L[8]
R[35]	766.650	172.893	169.689	169.891	169.488	R[7]
K[36]	792.269	141.673	138.469	138.671	138.268	K[6]
G[37]	803.674	116.054	112.850	113.052	112.649	G[5]
H[38]	813.089	104.850	101.646	101.848	101.444	H[6]
T[39]	863.698	77.236	74.034	74.236	73.833	T[5]
A[40]	877.905	44.625	41.422	41.623	41.220	A[2]
E[41]	903.714	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGK^{Acetyl} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{42.01}YAE



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.32
- ▶ F113279.dat
- ▶ query=q46128.p1
- ▶ precursor=904.714610
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4519.521	4501.502	0.000	4502.494	S 41
G 2	304.098	4390.478	4374.459	0.000	4373.451	G 40
R 3	360.199	4333.457	4317.438	4316.440	4316.430	R 39
G 4	417.220	4177.355	4161.337	4162.345	4160.329	G 38
K 5	587.326	4120.334	4104.315	4106.323	4103.307	K 37
Q 6	715.385	3950.298	3934.279	3935.278	3933.262	Q 36
G 7	772.406	3822.170	3806.151	3807.159	3805.143	G 35
G 8	829.427	3765.148	3749.130	3750.138	3748.122	G 34
K 9	957.522	3708.127	3692.108	3693.116	3691.100	K 33
A 10	1028.560	3580.032	3564.013	3565.021	3563.005	A 32
R 11	1154.051	3528.995	3492.975	3493.984	3491.968	R 31
A 12	1254.098	3352.984	3336.975	3337.983	3335.967	A 30
R 13	1383.793	3281.957	3265.938	3266.946	3264.930	R 29
A 14	1454.830	3153.762	3137.743	3138.751	3136.735	A 28
K 15	1562.925	3082.725	3066.706	3067.714	3065.698	K 27
S 16	1669.957	2954.630	2938.611	2939.619	2937.603	S 26
R 17	1826.058	2887.598	2851.579	2852.587	2850.571	R 25
S 18	1813.080	2711.496	2695.477	2696.486	2694.470	S 24
S 19	2000.122	2624.464	2608.446	2609.454	2607.438	S 23
R 20	2156.223	2537.432	2521.414	2522.422	2520.406	R 22
A 21	2227.260	2381.331	2365.313	2366.320	2364.305	A 21
G 22	2284.282	2310.294	2294.275	2295.283	2293.268	G 20
L 23	2387.366	2253.273	2237.254	2238.262	2236.246	L 19
Q 24	2575.424	2140.189	2124.170	2125.178	2123.162	Q 18
F 25	2672.493	2012.130	1996.111	1997.119	1995.104	F 17
F 26	2769.548	1895.062	1849.043	1850.051	1848.035	F 16
V 27	2868.614	1768.009	1752.990	1752.998	1750.982	V 15
G 28	2925.635	1698.940	1652.922	1653.930	1651.914	G 14
R 29	3081.737	1611.919	1595.900	1596.908	1594.882	R 13
V 30	3189.806	1495.818	1439.799	1440.807	1438.791	V 12
H 31	3317.864	1358.749	1342.731	1341.739	1339.723	H 11
R 32	3473.965	1219.691	1203.672	1204.680	1202.664	R 10
L 33	3587.049	1063.589	1047.571	1048.579	1046.563	L 9
L 34	3700.133	950.505	934.487	935.495	933.479	L 8
R 35	3856.234	837.421	821.403	822.410	820.395	R 7
K 36	3954.279	681.320	665.302	666.309	664.294	K 6
G 37	4041.351	553.225	537.207	538.214	536.199	G 5
N 38	4155.394	496.204	480.185	481.193	479.177	N 4
Y 39	4318.457	382.161	366.142	367.150	365.134	Y 3
A 40	4389.494	219.098	203.079	204.087	202.071	A 2
E 41	4518.537	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.32
- ▶ F113279.dat
- ▶ query=q46128.p1
- ▶ precursor=904.714610
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#=1	#=2	z	AA	
S	1	74.062	2502.294	2282.255	8.804	2251.781	S[41]
G	2	102.553	2195.743	2187.733	0.504	2187.220	G[40]
R	3	180.603	2167.232	2159.223	2159.726	2158.710	R[39]
G	4	209.114	2089.181	2081.172	2081.676	2080.660	G[38]
K	5	294.167	2050.671	2052.681	2053.105	2052.157	K[37]
G	6	358.196	1975.618	1967.602	1968.112	1967.105	G[36]
G	7	388.337	1711.589	1903.579	1904.083	1903.075	G[35]
G	8	435.217	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	479.205	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	514.763	1790.520	1782.510	1783.014	1782.000	A[32]
R	11	592.834	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	638.393	1688.943	1680.931	1680.436	1680.429	A[30]
K	13	692.400	1643.432	1633.423	1633.927	1632.919	K[29]
A	14	727.919	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	791.966	1541.866	1533.857	1534.360	1533.351	K[27]
S	16	835.482	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	913.533	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	957.609	1359.255	1348.243	1348.746	1347.739	S[24]
S	19	1000.595	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1078.615	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1114.134	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1142.644	1135.051	1147.041	1148.545	1147.537	G[20]
L	23	1199.272	1127.140	1119.131	1119.635	1118.627	L[19]
G	24	1253.216	1071.586	1082.580	1083.083	1082.082	G[18]
F	25	1336.750	1006.599	998.559	999.063	998.055	F[17]
F	26	1388.276	933.034	925.025	925.529	924.521	F[16]
V	27	1434.811	884.506	876.499	877.003	876.992	V[15]
G	28	1463.321	834.974	826.965	827.468	826.461	G[14]
R	29	1541.873	808.483	800.474	800.978	799.970	R[13]
V	30	1590.906	728.413	720.403	720.907	719.899	V[12]
H	31	1659.436	678.878	670.869	671.373	670.365	H[11]
R	32	1737.486	610.349	602.340	602.843	601.836	R[10]
L	33	1794.028	532.209	524.200	524.703	523.705	L[9]
L	34	1889.970	478.756	469.747	469.251	468.243	L[8]
R	35	1928.612	419.214	411.205	411.709	410.701	R[7]
K	36	1992.668	341.164	333.154	333.658	332.650	K[6]
G	37	2021.179	277.116	269.107	269.611	268.603	G[5]
N	38	2078.200	248.606	240.596	241.100	240.092	N[4]
V	39	2159.732	181.564	183.575	184.079	183.071	V[3]
A	40	2195.261	110.026	102.043	102.547	101.539	A[2]
E	41	2259.772	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}GRGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=56.32
- ▶ F113279.dat
- ▶ query=q46128.p1
- ▶ precursor=904.714610
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	s+1	s+2	z	AA	
S	1	489.697	1507.176	1501.839	0.872	1501.561	S[41]
G	2	66.704	1464.184	1458.275	0.672	1455.480	G[40]
R	3	1307.718	1445.157	1439.817	1440.153	1439.482	R[39]
G	4	139.745	1393.123	1387.784	1386.120	1387.448	G[38]
K	5	196.447	1374.116	1368.777	1369.113	1368.441	K[37]
G	6	239.133	1317.414	1312.075	1312.411	1311.739	G[36]
G	7	288.140	1274.726	1269.387	1269.725	1269.053	G[35]
G	8	277.147	1235.921	1250.381	1250.717	1250.045	G[34]
K	9	319.646	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	383.525	1194.016	1189.076	1189.012	1189.340	A[32]
R	11	395.558	1170.336	1164.907	1165.331	1164.861	R[31]
A	12	419.237	1118.301	1113.360	1113.309	1112.627	A[30]
K	13	461.936	1094.624	1089.284	1089.620	1089.942	K[29]
A	14	485.615	1051.925	1046.586	1046.922	1046.250	A[28]
K	15	528.313	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	557.324	985.548	980.208	980.544	979.873	S[26]
R	17	609.258	956.517	951.178	951.514	950.842	R[25]
S	18	638.368	904.504	899.164	899.500	898.829	S[24]
S	19	667.379	875.493	870.153	870.489	869.817	S[23]
R	20	719.413	846.482	841.143	841.479	840.807	R[22]
A	21	743.002	794.449	789.109	789.445	788.773	A[21]
G	22	762.009	770.770	765.430	765.766	765.094	G[20]
L	23	799.273	724.762	746.423	746.759	746.087	L[19]
G	24	842.480	714.085	708.745	709.084	708.362	G[18]
F	25	891.502	671.381	666.042	666.378	665.706	F[17]
F	26	923.853	622.359	617.019	617.355	616.683	F[16]
V	27	956.876	590.008	584.668	585.004	584.332	V[15]
G	28	975.863	556.985	551.645	551.981	551.309	G[14]
R	29	1027.618	519.976	514.636	514.974	514.302	R[13]
V	30	1060.940	485.944	480.604	480.941	480.269	V[12]
H	31	1106.626	452.921	447.581	447.918	447.246	H[11]
R	32	1158.660	407.235	401.895	402.231	401.560	R[10]
L	33	1196.355	355.201	349.862	350.198	349.526	L[9]
L	34	1234.049	319.509	314.169	314.505	313.833	L[8]
R	35	1286.683	279.812	274.472	274.808	274.136	R[7]
K	36	1328.781	227.778	222.438	222.775	222.103	K[6]
G	37	1347.788	185.880	179.540	180.876	179.404	G[5]
N	38	1385.803	166.873	160.733	161.069	160.397	N[4]
V	39	1440.157	128.968	122.719	123.055	122.383	V[3]
A	40	1473.336	87.304	81.364	81.700	81.028	A[2]
E	41	1508.850	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

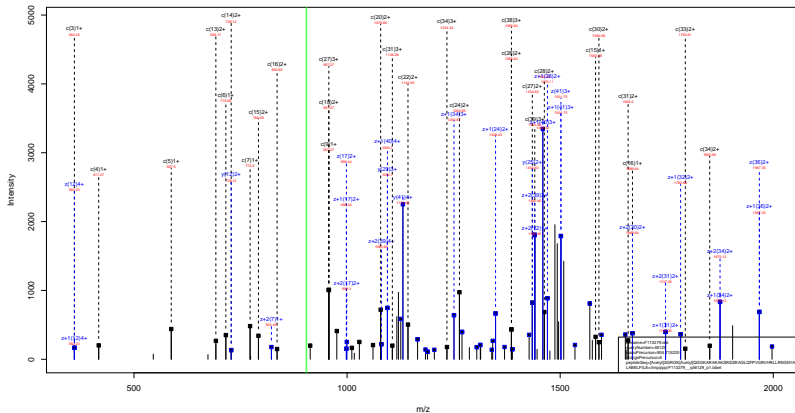
[Acetyl]SGRGRK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=56.32
- ▶ F113279.dat
- ▶ query=q46128.p1
- ▶ precursor=904.714610
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	17.526	1130.636	1126.631	0.755	1126.376	S 41
G 2	51.780	1098.375	1094.370	0.755	1094.118	G 40
R 3	90.805	1084.120	1080.115	1080.367	1079.863	R 39
G 4	105.061	1045.094	1041.090	1041.342	1040.839	G 38
K 5	147.587	1030.839	1026.834	1027.086	1026.582	K 37
Q 6	179.802	988.313	984.308	984.560	984.055	Q 36
G 7	193.897	996.288	992.293	992.545	992.041	G 35
G 8	208.112	942.043	938.038	938.290	937.786	G 34
K 9	240.136	927.787	923.783	924.034	923.531	K 33
A 10	257.895	895.763	891.758	892.011	891.507	A 32
R 11	296.821	878.804	874.800	875.052	874.548	R 31
A 12	314.680	838.978	834.974	835.226	834.723	A 30
K 13	348.704	821.220	817.215	817.467	816.963	K 29
A 14	364.463	789.190	785.185	785.443	784.939	A 28
K 15	396.487	771.437	767.432	767.684	767.180	K 27
S 16	418.245	739.413	735.408	735.660	735.156	S 26
R 17	457.270	717.895	713.890	714.142	713.638	R 25
S 18	479.028	678.630	674.625	674.877	674.373	S 24
S 19	500.786	656.872	652.867	653.119	652.615	S 23
R 20	539.811	635.114	631.109	631.361	630.857	R 22
A 21	557.571	606.089	602.084	602.336	601.833	A 21
G 22	571.826	578.329	574.324	574.576	574.072	G 20
L 23	600.097	564.074	560.069	560.321	559.817	L 19
Q 24	632.112	635.803	631.798	632.050	631.546	Q 18
F 25	668.879	593.788	499.783	500.035	499.531	F 17
P 26	693.142	487.021	483.016	483.268	482.764	P 16
V 27	717.809	442.758	438.753	439.005	438.501	V 15
G 28	732.164	417.991	413.986	414.238	413.734	G 14
R 29	771.190	401.735	397.731	397.982	397.478	R 13
V 30	805.937	384.710	367.705	368.957	360.453	V 12
H 31	830.221	339.943	335.938	336.190	335.686	H 11
R 32	869.247	305.676	301.673	301.925	301.421	R 10
L 33	897.518	266.651	262.646	262.900	262.396	L 9
L 34	925.789	238.382	234.377	234.629	234.125	L 8
R 35	964.814	210.111	206.106	206.358	205.854	R 7
K 36	999.038	171.886	167.881	168.133	167.629	K 6
G 37	1011.093	139.062	135.057	135.309	134.805	G 5
N 38	1039.604	124.808	120.802	121.054	120.550	N 4
Y 39	1080.370	96.296	92.291	92.543	92.039	Y 3
A 40	1098.139	55.530	51.525	51.777	51.273	A 2
E 41	1130.300	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR GK^{Acetyl} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{42.01}YAE



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=82.81
- ▶ F113279.dat
- ▶ query=q46129.p1
- ▶ precursor=904.715220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4519.521	4503.507	0.000	4502.494	S[41]
G	2	204.098	4390.478	4374.459	0.000	4373.451	G[40]
R	3	360.199	4333.457	4317.438	4318.446	4116.438	R[30]
G	4	417.220	4177.355	4161.337	4162.345	4140.329	G[38]
K	5	587.326	4120.334	4104.315	4105.323	4103.307	K[37]
Q	6	715.345	3955.298	3939.279	3935.278	3933.262	Q[36]
G	7	772.406	3822.173	3806.155	3807.159	3885.142	G[35]
G	8	829.427	3705.148	3749.130	3750.138	3748.122	G[34]
K	9	957.522	3706.127	3690.108	3693.116	3691.100	K[33]
A	10	1028.560	3530.032	3564.013	3505.021	3563.009	A[32]
R	11	1184.661	3538.995	3492.976	3493.984	3491.968	R[31]
A	12	1255.698	3352.894	3336.875	3337.883	3335.867	A[30]
R	13	1383.793	3281.857	3265.838	3266.846	3264.830	R[29]
A	14	1454.830	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1562.925	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1669.957	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1826.058	2867.588	2881.570	2852.567	2890.571	R[25]
S	18	1913.090	2713.495	2709.477	2696.468	2694.452	S[24]
S	19	2000.122	2624.464	2608.446	2609.454	2607.438	S[23]
R	20	2186.223	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2227.260	2401.331	2385.313	2396.320	2384.305	A[21]
G	22	2284.282	2310.294	2294.275	2295.283	2293.267	G[20]
L	23	2307.306	2253.272	2237.254	2238.262	2236.246	L[19]
Q	24	2525.424	2140.189	2124.170	2125.178	2123.162	Q[18]
F	25	2672.493	2012.130	1996.111	1997.119	1995.104	F[17]
F	26	2769.546	1895.062	1849.043	1850.051	1848.035	F[16]
V	27	2868.614	1768.009	1753.990	1752.998	1750.982	V[15]
G	28	2925.635	1668.940	1652.922	1653.930	1651.914	G[14]
R	29	3021.717	1611.919	1595.900	1596.908	1594.892	R[13]
V	30	3180.805	1455.818	1439.799	1440.807	1438.792	V[12]
H	31	3317.864	1356.749	1340.731	1341.739	1339.723	H[11]
R	32	3473.965	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3587.049	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3700.133	950.500	934.482	935.490	933.474	L[8]
R	35	3856.234	837.421	821.403	822.410	820.394	R[7]
K	36	3984.329	681.320	665.302	666.309	664.293	K[6]
G	37	4041.351	553.225	537.207	538.214	536.199	G[5]
N	38	4155.394	496.204	480.185	481.193	479.177	N[4]
V	39	4318.457	382.161	366.143	367.150	365.134	V[3]
A	40	4389.494	219.098	203.079	204.087	202.071	A[2]
E	41	4518.537	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=82.81
- ▶ F113279.dat
- ▶ query=q46129.p1
- ▶ precursor=904.715220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2502.294	2282.255	8.804	2251.781	S[41]
G	2	102.553	2195.743	2187.733	0.504	2187.220	G[49]
R	3	180.603	2167.232	2159.233	2159.726	2158.710	R[39]
G	4	209.114	2089.181	2081.172	2081.676	2080.660	G[38]
K	5	294.187	2050.671	2052.681	2053.105	2052.157	K[37]
G	6	358.196	1975.618	1967.608	1968.112	1967.105	G[36]
G	7	388.377	1913.589	1914.579	1914.983	1913.973	G[35]
G	8	435.217	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	479.205	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	514.203	1790.520	1782.510	1783.014	1782.000	A[32]
R	11	562.834	1735.001	1746.992	1747.496	1746.488	R[31]
A	12	608.953	1688.943	1689.943	1689.945	1688.939	A[30]
K	13	692.400	1643.433	1633.423	1633.927	1632.910	K[29]
A	14	727.919	1577.984	1569.375	1569.879	1568.871	A[28]
K	15	791.966	1541.966	1533.957	1534.360	1533.351	K[27]
S	16	835.482	1477.818	1469.809	1470.313	1469.303	S[26]
R	17	913.533	1434.302	1424.292	1426.797	1425.780	R[25]
S	18	927.609	1379.796	1348.243	1348.746	1347.730	S[24]
S	19	1000.555	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1078.615	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1114.134	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1142.644	1135.051	1147.041	1148.045	1147.037	G[20]
L	23	1159.973	1127.140	1119.133	1119.858	1118.851	L[19]
G	24	1263.216	1063.588	1062.589	1063.093	1062.085	G[18]
F	25	1336.750	1008.599	998.559	999.063	998.055	F[17]
F	26	1385.276	933.034	925.025	925.529	924.521	F[16]
V	27	1434.811	884.508	876.499	877.003	876.993	V[15]
G	28	1463.321	834.974	826.965	827.468	826.461	G[14]
R	29	1543.874	808.483	800.474	800.978	799.970	R[13]
V	30	1590.906	728.413	720.403	720.907	719.899	V[12]
H	31	1659.436	678.878	670.869	671.373	670.365	H[11]
R	32	1737.486	610.349	602.340	602.843	601.835	R[10]
L	33	1794.028	532.209	524.200	524.703	523.695	L[9]
L	34	1850.570	478.756	469.747	469.251	468.243	L[8]
R	35	1928.621	419.214	411.205	411.709	410.701	R[7]
K	36	1992.668	341.164	333.154	333.658	332.650	K[6]
G	37	2021.179	277.116	269.107	269.611	268.603	G[5]
N	38	2078.200	248.606	240.596	241.100	240.092	N[4]
V	39	2159.232	181.564	183.575	184.079	183.071	V[3]
A	40	2195.261	110.054	109.043	109.547	108.539	A[2]
E	41	2259.772	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=82.81
- ▶ F113279.dat
- ▶ query=q46129.p1
- ▶ precursor=904.715220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#=1	#=2	#=3	AA
S	1	489.697	1501.839	0.872	1501.563	S(41)
G	2	66.704	1464.184	1458.825	0.672	1458.482 G(49)
R	3	1307.718	1445.157	1439.817	1440.153	1439.482 R(39)
G	4	139.745	1393.123	1387.764	1388.120	1387.448 G(38)
K	5	196.447	1374.116	1368.777	1369.113	1368.441 K(37)
G	6	239.133	1347.444	1342.012	1342.411	1341.730 G(36)
G	7	288.140	1314.726	1269.389	1269.725	1269.055 G(35)
G	8	277.147	1295.721	1250.381	1250.717	1250.045 G(34)
K	9	319.646	1236.714	1231.374	1231.710	1231.038 K(33)
A	10	383.525	1194.016	1188.676	1189.012	1188.340 A(32)
R	11	395.558	1170.338	1164.997	1165.333	1164.661 R(31)
A	12	419.237	1138.303	1133.963	1133.299	1132.627 A(30)
K	13	461.936	1094.624	1089.284	1089.620	1088.944 K(29)
A	14	485.615	1051.925	1046.585	1046.922	1046.250 A(28)
K	15	528.313	1029.246	1022.907	1023.243	1022.571 K(27)
S	16	557.324	985.548	980.208	980.544	979.873 S(26)
R	17	609.258	956.517	951.178	951.514	950.842 R(25)
S	18	638.268	904.504	900.164	900.500	899.829 S(24)
S	19	687.379	875.493	870.153	870.489	869.817 S(23)
R	20	719.413	846.482	841.143	841.479	840.807 R(22)
A	21	743.092	794.449	789.109	789.445	788.773 A(21)
G	22	762.099	770.770	765.430	765.766	765.094 G(20)
L	23	799.273	724.762	746.423	746.759	746.087 L(19)
G	24	842.480	714.085	708.735	709.064	708.392 G(18)
F	25	891.592	671.382	666.042	666.378	665.707 F(17)
F	26	923.853	622.359	617.019	617.355	616.683 F(16)
V	27	956.876	590.006	584.666	585.004	584.332 V(15)
G	28	975.863	558.985	553.645	553.981	553.309 G(14)
R	29	1022.618	519.976	514.636	514.974	514.302 R(13)
V	30	1060.940	485.944	480.604	480.941	480.269 V(12)
H	31	1106.626	452.921	447.581	447.918	447.246 H(11)
R	32	1158.660	407.235	401.895	402.231	401.560 R(10)
L	33	1196.355	355.201	349.862	350.198	349.526 L(9)
L	34	1234.049	319.509	314.169	314.505	313.833 L(8)
R	35	1258.948	279.812	274.472	274.808	274.136 R(7)
K	36	1328.781	227.778	222.438	222.775	222.103 K(6)
G	37	1347.788	185.880	179.740	180.076	179.404 G(5)
N	38	1385.803	166.873	160.733	161.069	160.397 N(4)
V	39	1440.157	138.068	132.728	133.065	132.393 V(3)
A	40	1463.876	83.348	80.384	80.720	80.048 A(2)
E	41	1506.850	50.025	44.685	45.021	44.349 E(1)

sp | Q6GSS7 | H2A2A_MOUSE

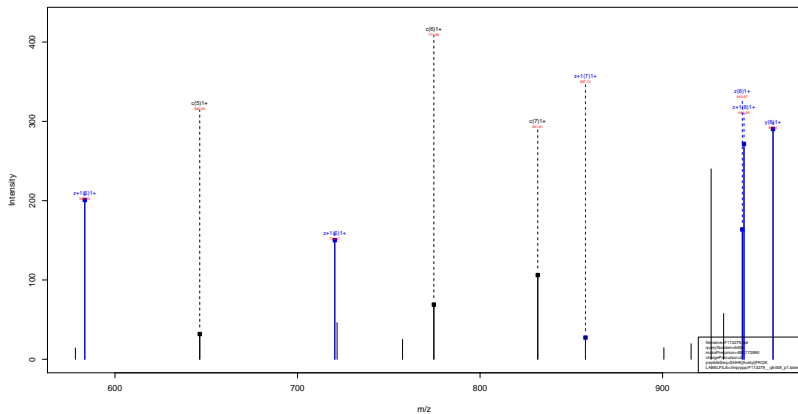
[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=82.81
- ▶ F113279.dat
- ▶ query=q46129_p1
- ▶ precursor=904.715220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	p	#±1	#±2	#	AA
S[1]	37.505	1130.636	1128.631	0.705	1126.370	S[41]
G[2]	51.780	1028.375	1094.370	0.795	1024.115	G[40]
R[3]	90.805	1084.120	1080.115	1080.367	1079.861	R[39]
G[4]	109.001	1045.094	1041.090	1041.342	1040.839	G[38]
K[5]	147.587	1030.839	1026.834	1027.086	1026.582	K[37]
G[6]	179.602	988.312	984.308	984.560	984.056	G[36]
G[7]	193.857	956.296	952.291	952.543	952.040	G[35]
G[8]	208.112	942.043	938.038	938.290	937.787	G[34]
K[9]	240.136	927.787	923.783	924.034	923.531	K[33]
A[10]	257.895	895.761	891.756	892.011	891.507	A[32]
R[11]	296.921	878.004	873.999	874.251	873.748	R[31]
A[12]	314.680	838.978	834.974	835.226	834.723	A[30]
K[13]	346.704	821.220	817.215	817.467	816.964	K[29]
A[14]	384.443	789.199	785.195	785.447	784.944	A[28]
K[15]	396.497	771.431	767.427	767.679	767.176	K[27]
S[16]	418.245	739.413	735.408	735.660	735.157	S[26]
R[17]	457.270	717.655	713.651	713.902	713.400	R[25]
S[18]	479.028	678.590	674.585	674.837	674.334	S[24]
S[19]	500.786	656.872	652.867	653.119	652.616	S[23]
R[20]	539.811	635.114	631.109	631.361	630.857	R[22]
A[21]	557.571	596.089	592.084	592.336	591.832	A[21]
G[22]	571.826	578.329	574.324	574.576	574.072	G[20]
L[23]	603.087	648.074	644.069	644.321	643.818	L[19]
Q[24]	632.112	635.803	631.798	632.050	631.546	Q[18]
F[25]	668.879	593.788	499.783	500.035	499.531	F[17]
F[26]	693.142	667.021	463.016	463.268	462.764	F[16]
V[27]	717.909	442.758	438.753	439.005	438.501	V[15]
G[28]	752.104	417.991	413.986	414.238	413.734	G[14]
R[29]	771.190	403.735	399.731	399.982	399.478	R[13]
V[30]	795.957	364.710	360.705	360.957	360.453	V[12]
H[31]	830.221	339.943	335.938	336.190	335.686	H[11]
R[32]	869.247	305.678	301.673	301.925	301.421	R[10]
L[33]	897.518	266.657	262.648	262.900	262.396	L[9]
L[34]	925.989	238.362	234.357	234.608	234.104	L[8]
R[35]	954.814	210.111	206.106	206.358	205.854	R[7]
K[36]	996.838	171.088	167.081	167.333	166.829	K[6]
G[37]	1011.093	139.062	135.057	135.309	134.805	G[5]
N[38]	1039.604	124.806	120.802	121.054	120.550	N[4]
Y[39]	1080.370	96.296	92.291	92.543	92.039	Y[3]
A[40]	1098.419	58.530	54.525	54.777	54.272	A[2]
E[41]	1130.590	37.771	33.766	34.018	33.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

SHHK Acetyl PKGK
42.01



sp | Q8CGP5 | H2A1F_MOUSE

SHHK^{Acetyl} PKGK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.34
- ▶ F113279.dat
- ▶ query=q6458_p1
- ▶ precursor=480.772890
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	108.066	960.537	944.519	0.000	943.511	S[8]
H[2]	242.125	873.505	857.487	0.000	856.479	H[7]
H[3]	379.184	736.446	720.428	0.000	719.420	H[6]
K[4]	549.289	599.388	583.369	584.377	582.361	K[5]
P[5]	646.342	429.282	413.263	414.271	412.255	P[4]
K[6]	774.437	332.229	316.211	317.218	315.203	K[3]
G[7]	831.458	204.134	188.116	189.123	187.108	G[2]
K[8]	959.553	147.113	131.094	132.102	130.086	K[1]

sp | P15864 | H12_MOUSE

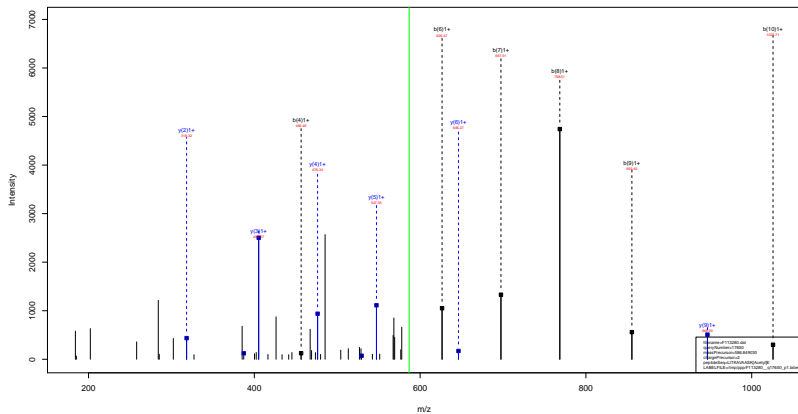
LITK^{Acetyl} AVAASKE
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.27
- ▶ F113280.dat
- ▶ query=q17648_p1
- ▶ precursor=586.847440
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	y*	a β	b	b*	b β	y	y*	y β	AA
L[1]	88.998	0.000	0.000	114.093	0.000	0.000	117.280	119.093	119.093	L[11]
T[2]	159.180	0.000	0.000	229.439	0.000	0.000	109.894	104.729	204.364	T[9]
T[3]	200.528	0.000	282.211	328.221	0.000	310.211	846.520	929.484	1028.510	T[9]
K[4]		451.207	521.360	498.520	761.302		845.473	528.444	767.302	K[8]
R[5]	341.371	624.982	521.360	565.366	552.339	351.358	475.367	589.354	657.357	A[7]
V[6]	240.578	523.433	625.425	668.434	663.488	850.424	664.338	589.354	768.338	V[6]
A[7]	211.476	684.489	683.488	758.471	722.445	721.461	505.282	688.238	867.261	A[6]
A[8]	192.513	785.489	784.503	810.500	793.462	792.498	434.225	417.090	416.214	A[4]
S[9]	380.848	823.519	823.529	891.540	886.514	879.530	361.187	369.051	345.177	S[9]
R[10]	397.840	880.514	979.433	1025.635	1008.609	1007.625	276.155	258.128	258.145	K[6]
E[11]	1128.683	1109.889	1108.871	1154.870	1137.851	1136.867	148.888	0.000	138.888	E[1]

sp | P15864 | H12_MOUSE

LITKAVAASK^{Acetyl}E
42.01



sp | P15864 | H12_MOUSE

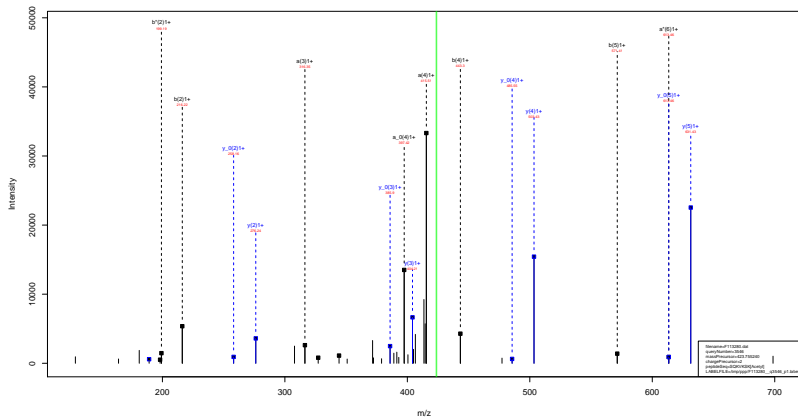
LITKAVAASK^{Acetyl}E
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.73
- ▶ F113280.dat
- ▶ query=q17650_p1
- ▶ precursor=586.849030
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	y ⁿ	a ₀	b	b ^m	b ₀	y	y ^m	y ₀	AA
L1	86.096	0.000	0.000	114.092	0.000	0.000	117.280	1150.952	1154.078	L111
T2	109.330	0.000	0.000	129.326	0.000	0.000	1309.664	1342.722	1344.304	T00
T3	300.728	0.000	282.211	326.221	0.000	310.211	946.520	979.484	985.510	T00
K4	412.512	411.289	430.151	456.318	416.201	416.201	381.411	528.444	527.402	K06
A5	489.404	482.174	481.366	507	528.529	528.514	117.111	786.381	789.281	A07
V6	598.429	591.432	589.418	626.424	608.397	608.413	646.341	679.324	628.330	V06
A7	600.404	602.439	601.431	607.461	601.434	676.430	547.272	130.240	529.262	A03
A8	740.503	723.438	722.492	768.688	751.411	750.469	476.235	490.200	452.215	A04
S9	877.578	870.563	869.529	855.539	876.501	877.570	405.189	389.271	387.187	S01
R10	997.640	980.514	979.631	1025.615	1008.609	1007.625	318.166	305.110	300.031	R02
E11	1124.683	1109.869	1108.971	1154.676	1137.651	1136.669	148.660	0.000	130.000	E01

sp | Q8R1M2 | H2AJ_MOUSE

SQKVKSK Acetyl
42.01



sp | Q8R1M2 | H2AJ_MOUSE

SQKVKSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.67
- ▶ F113280.dat
- ▶ query=q3546.p1
- ▶ precursor=423.755240
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
S(1)	60.044	0.000	40.034	68.030	0.000	70.000	686.004	829.476	828.494	S(2)
Q(2)	108.103	171.076	170.080	216.090	199.071	198.067	708.472	742.440	741.460	Q(3)
R(3)	316.146	409.111	408.103	344.121	327.106	326.102	631.414	614.389	613.403	R(4)
V(4)	415.266	508.240	397.256	443.261	425.230	425.251	593.319	485.270	485.308	V(5)
K(5)	943.061	108.330	105.351	571.356	554.330	553.346	404.250	387.224	386.240	K(6)
S(6)	0.00.003	613.367	612.361	650.360	641.362	640.370	276.155	250.120	258.145	S(7)
R(7)	888.409	103.472	102.468	828.460	811.461	810.463	189.123	212.080	0.000	R(8)

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSAAIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=55.96
- ▶ F113280.dat
- ▶ query=q45999_p1
- ▶ precursor=784.085800
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2050.246	2153.214	2352.232	I 21
A	117.134	0.000	0.000	105.129	0.000	0.000	2227.150	2225.130	2219.148	A 20
Q	126.012	282.000	0.000	113.181	286.000	0.000	2180.110	2174.090	2146.108	Q 19
D	400.219	363.193	382.208	426.214	411.187	410.203	2678.090	2661.074	2630.100	D 18
F	247.207	520.201	520.217	375.203	356.206	357.212	1624.031	1608.001	1605.017	F 17
K	625.582	658.208	687.212	304.372	688.211	695.207	3725.065	3750.019	3757.054	K 16
T	479.436	390.404	704.420	304.426	397.388	398.414	1843.000	1830.044	1825.078	T 15
D	391.457	314.411	373.440	309.463	360.425	361.441	1546.022	1529.048	1528.011	D 14
L	104.541	687.533	688.531	102.532	683.530	681.528	1421.000	1414.000	1411.000	L 13
R	1188.74	1171.947	1171.961	1178.966	1169.954	1169.952	2189.010	2181.000	2168.010	R 12
F	1326.742	1318.735	1317.731	1263.737	1248.739	1246.726	1134.979	1117.963	1116.968	F 11
Q	163.801	1449.714	1445.700	1461.705	1474.709	1471.691	387.511	391.504	389.500	Q 10
S	1502.833	1523.826	1532.822	1478.827	1501.831	1500.817	387.492	382.426	381.441	S 9
A	1011.818	1004.813	1003.809	1046.806	1052.810	1051.804	772.420	795.393	794.400	A 8
A	1061.807	1075.800	1074.802	1125.803	1103.815	1102.801	701.381	684.358	683.372	A 7
I	1035.892	1100.884	1107.880	1153.886	1116.899	1115.893	630.346	613.319	612.310	I 6
C	1011.812	1002.808	1001.804	1001.801	1011.804	1012.807	517.262	500.235	499.241	C 5
A	1004.848	1017.823	1018.820	1065.844	1048.818	1044.814	463.262	445.214	444.230	A 4
L	1001.831	1000.817	1000.812	1000.810	1006.812	1007.811	389.203	374.171	371.191	L 3
Q	1015.892	1038.888	1037.882	1063.891	1036.880	1035.876	276.119	259.092	258.108	Q 2
E	1004.816	1007.808	1006.803	1032.809	1015.803	1014.810	148.980	0.000	138.990	E 1

sp | P84244 | H33_MOUSE

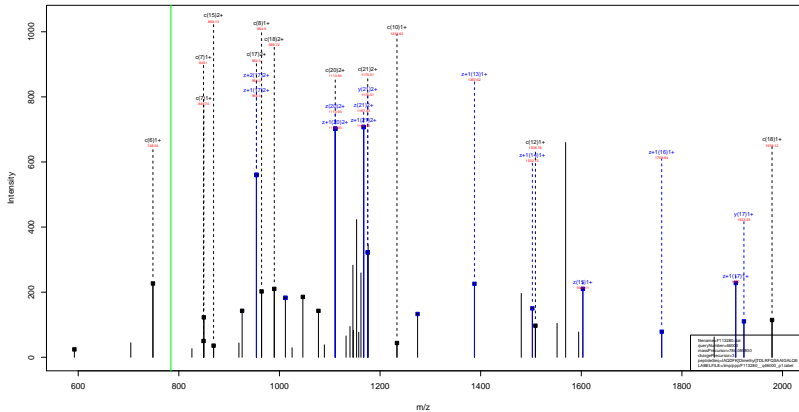
IAQDFKTDLR ^{Dimethyl} 28.03 FQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=55.96
- ▶ F113280.dat
- ▶ query=q45999_p1
- ▶ precursor=784.085800
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I(3)	411.052	0.539	0.504	87.943	0.504	0.509	1119.222	1107.110	1106.832	I(2)
A(3)	78.072	0.539	0.504	87.959	0.504	0.504	1119.287	1118.599	1118.078	A(2)
Q(3)	143.100	1.04300	1.0204	172.087	1.0204	1.024	1025.571	1019.026	1014.502	Q(2)
D(4)	208.212	1.0212	1.0049	124.911	1.0049	1.009	1019.214	1018.021	1017.522	D(3)
F(5)	274.247	1.0163	1.0014	108.141	1.0014	1.003	878.146	881.201	881.011	F(4)
K(6)	338.295	1.01662	1.0018	104.182	1.0018	1.003	881.187	880.483	879.973	K(5)
T(7)	402.319	1.0078	1.0011	100.114	1.0011	1.003	881.111	884.499	884.023	T(6)
D(8)	466.332	1.01713	1.0021	100.215	1.0021	1.003	881.224	873.572	765.402	D(7)
L(9)	530.332	1.01713	1.0021	100.215	1.0021	1.003	881.224	873.572	873.572	L(8)
M(10)	594.340	1.01713	1.0021	608.138	1.0021	1.003	881.224	888.818	888.818	M(9)
P(11)	658.375	1.01713	1.0021	658.375	1.0021	1.003	881.224	888.818	658.854	P(10)
Q(12)	722.404	1.01713	1.0021	746.401	1.0021	1.003	881.224	888.818	888.818	Q(11)
S(13)	786.404	1.01713	1.0021	786.404	1.0021	1.003	881.224	888.818	888.818	S(12)
A(14)	850.404	1.01713	1.0021	825.436	1.0021	1.003	881.224	888.818	888.818	A(13)
A(15)	914.404	1.01713	1.0021	889.441	1.0021	1.003	881.224	888.818	888.818	A(14)
I(16)	978.404	1.01713	1.0021	917.497	1.0021	1.003	881.224	888.818	888.818	I(15)
G(17)	1042.404	1.01713	1.0021	945.501	1.0021	1.003	881.224	888.818	888.818	G(16)
A(18)	1106.404	1.01713	1.0021	981.526	1.0021	1.003	881.224	888.818	888.818	A(17)
L(19)	1170.404	1.01713	1.0021	1038.068	1.0021	1.003	881.224	888.818	888.818	L(18)
Q(20)	1234.404	1.01713	1.0021	1102.097	1.0021	1.003	881.224	888.818	888.818	Q(19)
D(21)	1298.404	1.01713	1.0021	1166.101	1.0021	1.003	881.224	888.818	888.818	D(20)

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAGALQE
28.03



sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAIGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.94
- ▶ F113280.dat
- ▶ query=q46000_p1
- ▶ precursor=784.085800
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F 1	131.118	2350.240	2334.221	0.000	2333.214	F 21
A 2	202.155	2237.156	2221.137	0.000	2220.130	A 20
Q 3	330.214	2166.119	2150.100	2151.108	2149.092	Q 19
D 4	438.291	2038.060	2022.043	2023.050	2021.036	D 18
F 5	502.309	1923.033	1907.015	1908.023	1906.007	F 17
K 6	748.435	1775.965	1759.946	1760.954	1758.938	K 16
T 7	849.483	1619.839	1603.820	1604.828	1602.812	T 15
D 8	964.510	1518.791	1502.772	1503.780	1501.765	D 14
L 9	1077.594	1401.704	1387.745	1388.753	1386.736	L 13
R 10	1233.695	1290.689	1274.661	1275.669	1273.654	R 12
F 11	1380.763	1134.579	1118.560	1119.568	1117.552	F 11
Q 12	1508.822	987.511	971.492	972.500	970.484	Q 10
S 13	1595.854	859.452	843.433	844.441	842.425	S 0
A 14	1666.891	722.420	706.401	707.409	705.393	A 8
A 15	1737.928	701.383	685.364	686.372	684.356	A 7
I 16	1811.012	630.346	614.327	615.335	613.319	I 6
G 17	1908.034	517.262	501.243	502.251	500.235	G 5
A 18	1979.071	460.240	444.221	445.229	443.214	A 4
L 19	2092.155	389.203	373.184	374.192	372.177	L 3
Q 20	2220.214	276.119	260.100	261.108	259.092	Q 2
E 21	2349.256	148.060	132.042	133.050	131.034	E 1

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.94
- ▶ F113280.dat
- ▶ query=q46000_p1
- ▶ precursor=784.085800
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1175.624	1167.614	0.504	1167.110	[21]
A [2]	101.561	1119.062	1111.072	0.504	1110.568	A[20]
Q [3]	165.610	1083.563	1075.554	1076.058	1075.050	Q[19]
D [4]	223.224	1049.539	1011.534	1012.028	1011.021	D[18]
F [5]	290.658	989.020	954.011	954.515	953.507	F[17]
K [6]	374.721	888.486	880.477	880.981	879.973	K[16]
T [7]	425.245	810.423	802.414	802.918	801.910	T[15]
D [8]	482.759	759.899	751.890	752.394	751.386	D[14]
L [9]	539.301	702.386	694.376	694.880	693.872	L[13]
R [10]	617.363	646.844	637.834	638.338	637.330	R[12]
F [11]	690.595	597.792	559.784	560.288	559.280	F[11]
Q [12]	754.915	494.259	486.250	486.753	485.745	Q[10]
S [13]	798.431	430.230	422.220	422.724	421.716	S[9]
A [14]	833.949	396.714	378.704	379.208	378.200	A[8]
A [15]	869.468	351.195	343.186	343.690	342.682	A[7]
I [16]	926.010	315.676	307.667	308.171	307.163	I[6]
G [17]	954.521	269.154	251.145	251.649	250.641	G[5]
A [18]	990.039	230.634	222.624	223.128	222.120	A[4]
L [19]	1046.581	195.105	187.096	187.600	186.592	L[3]
Q [20]	1110.610	138.563	130.554	131.058	130.050	Q[2]
E [21]	1175.132	74.534	66.524	67.028	66.021	E[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=89.92
- ▶ F113280.dat
- ▶ query=q47290.p1
- ▶ precursor=501.503530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	2903.492	2487.473	0.000	2486.465	S[24]
G[2]	162.207	2416.460	2400.441	0.000	2399.433	G[23]
T[3]	318.188	2359.438	2343.419	2344.437	2342.412	T[22]
G[4]	375.210	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	503.305	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	560.326	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	617.348	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	745.443	1904.179	1888.159	1889.167	1887.151	K[17]
G[9]	802.464	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	915.548	1719.061	1703.043	1704.050	1702.035	L[15]
G[11]	972.570	1665.977	1589.958	1590.966	1588.951	G[14]
K[12]	1100.695	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1157.686	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1214.708	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1285.745	1306.818	1290.799	1291.807	1289.791	A[10]
K[16]	1413.860	1249.781	1233.762	1234.770	1232.754	K[9]
R[17]	1569.941	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1707.000	951.585	935.566	936.574	934.558	H[7]
R[19]	1863.101	814.526	798.507	799.515	797.499	R[6]
K[20]	2019.227	658.425	642.406	643.414	641.398	K[5]
V[21]	2118.296	502.298	486.280	487.287	485.272	V[4]
L[22]	2231.380	403.236	397.211	398.219	396.203	L[3]
T[23]	2387.483	290.140	274.127	275.135	273.119	T[2]
D[24]	2502.568	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=89.92
- ▶ F113280.dat
- ▶ query=q47290_p1
- ▶ precursor=501.503530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	1292.249	1244.240	0.904	1243.736	S[24]
G[2]	81.547	1208.733	1200.724	0.904	1200.220	G[23]
R[3]	150.598	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	188.309	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	252.156	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	380.667	1008.614	1001.605	1002.108	1001.101	G[19]
G[7]	509.176	981.103	973.094	973.598	972.590	G[18]
K[8]	373.225	952.592	944.583	945.087	944.079	K[17]
G[9]	461.736	888.545	880.537	881.040	880.032	G[16]
L[10]	458.276	880.034	852.025	852.529	851.521	L[15]
G[11]	456.789	803.492	795.483	795.987	794.979	G[14]
K[12]	550.836	774.982	766.972	767.476	766.468	K[13]
G[13]	579.347	710.934	702.925	703.429	702.421	G[12]
G[14]	607.857	682.423	674.414	674.918	673.910	G[11]
A[15]	643.376	653.913	645.903	646.407	645.399	A[10]
R[16]	707.423	618.394	610.385	610.889	609.881	R[9]
R[17]	785.474	554.347	546.337	546.841	545.833	R[8]
H[18]	854.004	476.290	468.287	468.791	467.783	H[7]
R[19]	932.054	407.707	399.757	400.261	399.253	R[6]
K[20]	1010.117	329.716	321.707	322.211	321.203	K[5]
V[21]	1059.651	251.653	243.643	244.147	243.140	V[4]
L[22]	1118.193	202.119	194.109	194.613	193.605	L[3]
R[23]	1194.244	145.577	137.567	138.071	137.063	R[2]
D[24]	1251.757	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=89.92
- ▶ F113280.dat
- ▶ query=q47290.p1
- ▶ precursor=501.503530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	335.169	829.829	0.672	829.893	S[24]
G[2]	54.701	806.158	800.818	0.672	800.483	G[23]
R[3]	106.734	787.151	781.811	782.147	781.475	R[22]
G[4]	125.741	735.117	725.778	730.114	729.442	G[21]
K[5]	168.440	716.110	710.770	711.106	710.435	K[20]
G[6]	187.447	673.412	668.072	668.408	667.736	G[19]
G[7]	206.454	654.405	649.065	649.401	648.729	G[18]
K[8]	249.152	635.397	630.058	630.394	629.722	K[17]
C[9]	288.100	592.699	587.360	587.695	587.024	C[16]
L[10]	335.254	573.692	568.352	568.688	568.016	L[15]
G[11]	374.361	535.997	530.658	530.994	530.322	G[14]
K[12]	397.560	516.990	511.651	511.988	511.315	K[13]
G[13]	386.567	474.292	468.952	469.288	468.616	G[12]
G[14]	405.574	455.285	449.945	450.281	449.609	G[11]
A[15]	429.253	436.277	430.938	431.274	430.602	A[10]
K[16]	471.351	412.598	407.259	407.595	406.923	K[9]
R[17]	523.985	369.900	364.561	364.896	364.225	R[8]
H[18]	569.671	317.866	312.527	312.863	312.191	H[7]
R[19]	621.705	272.180	266.841	267.176	266.505	R[6]
K[20]	673.747	220.140	214.807	215.143	214.471	K[5]
V[21]	706.770	168.104	162.765	163.101	162.429	V[4]
L[22]	744.465	135.082	129.742	130.078	129.406	L[3]
R[23]	796.498	97.387	92.047	92.383	91.711	R[2]
D[24]	854.841	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

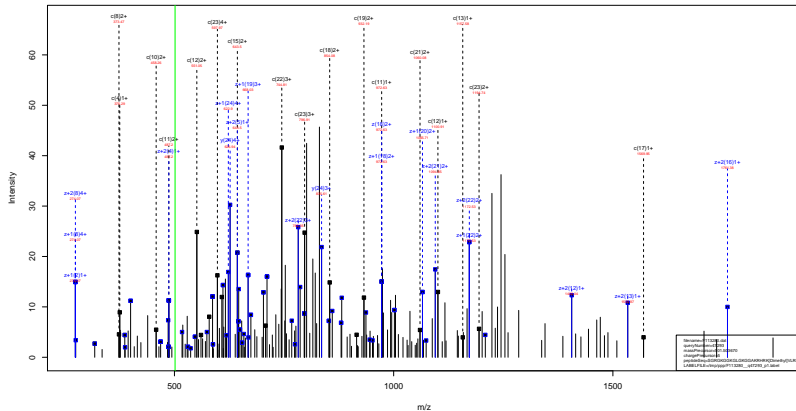
SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=89.92
- ▶ F113280.dat
- ▶ query=q47290.p1
- ▶ precursor=501.503530
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	27.022	626.626	622.624	0.755	622.172	S[24]
G[2]	41.277	504.870	600.866	0.755	600.614	G[23]
R[3]	60.303	590.615	586.610	586.862	586.358	R[22]
G[4]	94.558	551.590	547.585	547.837	547.333	G[21]
K[5]	126.582	537.334	533.330	533.582	533.078	K[20]
G[6]	140.837	505.311	501.306	501.558	501.054	G[19]
G[7]	155.092	491.055	487.051	487.303	486.799	G[18]
K[8]	187.116	476.800	472.795	473.047	472.543	K[17]
G[9]	203.372	444.776	440.771	443.023	440.520	G[16]
L[10]	229.643	430.521	426.516	426.768	426.264	L[15]
G[11]	243.998	402.250	398.245	398.497	397.993	G[14]
K[12]	275.022	387.994	383.989	384.242	383.738	K[13]
G[13]	290.177	355.971	351.966	352.218	351.714	G[12]
G[14]	304.432	341.715	337.711	337.963	337.459	G[11]
A[15]	322.192	327.460	323.455	323.707	323.203	A[10]
K[16]	354.215	309.701	305.696	305.948	305.444	K[9]
R[17]	393.241	277.677	273.672	273.924	273.420	R[8]
H[18]	427.505	238.652	234.647	234.899	234.395	H[7]
R[19]	469.531	204.397	200.392	200.644	200.140	R[6]
K[20]	505.562	165.362	161.357	161.609	161.105	K[5]
V[21]	530.329	126.330	122.325	122.577	122.073	V[4]
L[22]	558.600	101.563	97.558	97.810	97.306	L[3]
R[23]	597.626	73.292	69.287	69.539	69.035	R[2]
D[24]	626.382	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03



sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.48
- ▶ F113280.dat
- ▶ query=q47293.p1
- ▶ precursor=501.503670
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	2903.492	2487.473	0.000	2486.465	S[24]
G[2]	162.207	2416.460	2403.441	0.000	2399.433	G[23]
T[3]	318.188	2359.438	2343.419	2344.437	2342.412	T[22]
G[4]	375.210	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	503.095	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	560.326	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	617.348	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	745.443	1904.179	1888.159	1889.167	1887.151	K[17]
G[9]	802.465	1776.063	1760.044	1761.072	1759.056	G[16]
L[10]	915.548	1719.061	1703.043	1704.059	1702.035	L[15]
G[11]	972.570	1665.977	1589.958	1590.966	1588.951	G[14]
K[12]	1100.665	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1157.686	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1214.708	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1285.745	1306.818	1290.799	1291.807	1289.791	A[10]
K[16]	1413.840	1249.781	1233.762	1234.770	1232.754	K[9]
R[17]	1569.941	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1707.000	951.585	935.566	936.574	934.558	H[7]
R[19]	1863.101	814.526	798.507	799.515	797.499	R[6]
K[20]	2019.227	658.425	642.406	643.414	641.398	K[5]
V[21]	2118.296	602.296	486.280	487.287	485.272	V[4]
L[22]	2231.380	460.236	397.211	398.219	396.203	L[3]
I[23]	2387.481	390.140	274.127	275.135	273.119	I[2]
D[24]	2502.568	194.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.48
- ▶ F113280.dat
- ▶ query=q47293_p1
- ▶ precursor=501.503670
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	1252.249	1244.260	0.504	1243.756	S[24]
G[2]	81.547	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	159.598	1180.222	1172.213	1172.717	1171.709	R[22]
G[4]	188.309	1122.172	1094.153	1094.667	1093.659	G[21]
K[5]	252.159	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	280.667	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	309.176	961.101	973.094	973.598	972.590	G[18]
K[8]	373.225	952.592	944.583	945.087	944.079	K[17]
G[9]	401.726	898.245	890.536	891.040	890.032	G[16]
L[10]	458.278	860.034	852.025	852.529	851.521	L[15]
Q[11]	486.789	803.492	795.483	795.987	794.979	Q[14]
K[12]	550.836	774.982	766.972	767.476	766.468	K[13]
G[13]	579.347	710.934	702.925	703.429	702.421	G[12]
G[14]	607.857	689.421	674.414	674.918	673.910	G[11]
A[15]	643.376	653.913	645.903	646.407	645.399	A[10]
R[16]	707.423	618.394	610.385	610.889	609.881	R[9]
R[17]	765.474	554.341	546.337	546.841	545.833	R[8]
H[18]	854.004	476.208	468.207	468.791	467.783	H[7]
R[19]	932.054	407.767	399.757	400.261	399.253	R[6]
K[20]	1010.117	329.716	321.707	322.211	321.203	K[5]
V[21]	1059.651	251.663	243.653	244.147	243.140	V[4]
L[22]	1119.913	202.119	194.108	194.613	193.605	L[3]
R[23]	1194.244	145.577	137.567	138.071	137.063	R[2]
D[24]	1251.757	67.528	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=34.48
- ▶ F113280.dat
- ▶ query=q47293.p1
- ▶ precursor=501.503670
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	835.169	829.827	0.672	829.893	S[24]
G[2]	54.701	806.158	800.810	0.672	800.483	G[23]
R[3]	106.734	787.151	781.811	782.147	781.475	R[22]
G[4]	125.741	735.117	729.778	730.114	729.442	G[21]
K[5]	168.440	716.110	710.770	711.106	710.435	K[20]
G[6]	187.447	673.412	668.072	668.408	667.736	G[19]
G[7]	206.454	654.405	649.065	649.401	648.729	G[18]
K[8]	249.152	635.397	630.058	630.394	629.722	K[17]
G[9]	268.160	592.099	587.360	587.695	587.024	G[16]
L[10]	305.854	573.692	568.35	568.688	568.016	L[15]
G[11]	324.861	535.097	530.658	530.994	530.322	G[14]
K[12]	367.560	516.990	511.651	511.988	511.315	K[13]
G[13]	386.567	474.292	468.952	469.288	468.616	G[12]
G[14]	405.574	455.285	449.945	450.281	449.609	G[11]
A[15]	429.253	436.277	430.938	431.274	430.602	A[10]
K[16]	471.951	412.598	407.259	407.595	406.923	K[9]
R[17]	523.985	369.900	364.561	364.896	364.225	R[8]
H[18]	569.671	317.866	312.527	312.863	312.191	H[7]
R[19]	621.705	272.180	266.841	267.176	266.505	R[6]
K[20]	673.747	220.140	214.807	215.143	214.471	K[5]
V[21]	706.770	168.104	162.765	163.101	162.429	V[4]
L[22]	744.465	135.082	129.742	130.078	129.406	L[3]
R[23]	796.498	97.387	92.047	92.383	91.711	R[2]
D[24]	854.841	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

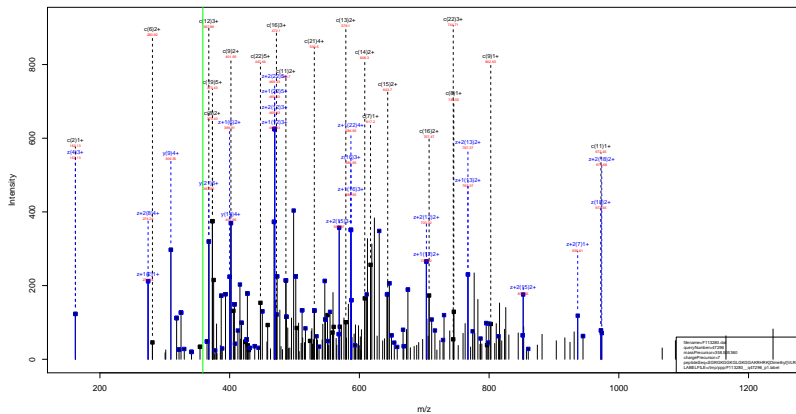
SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=34.48
- ▶ F113280.dat
- ▶ query=q47293.p1
- ▶ precursor=501.503670
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S[1]	27.022	626.626	622.624		0.755	622.372	S[24]
G[2]	41.277	604.870	600.868		0.755	600.614	G[23]
R[3]	80.303	590.615	586.610	586.862		586.358	R[22]
G[4]	94.558	551.590	547.585	547.837		547.333	G[21]
K[5]	126.582	537.334	533.330	533.582		533.078	K[20]
G[6]	140.837	505.311	501.306	501.558		501.054	G[19]
G[7]	155.092	491.055	487.051	487.303		486.799	G[18]
K[8]	187.116	476.800	472.795	473.047		472.543	K[17]
G[9]	201.372	444.776	440.771	441.023		440.520	G[16]
L[10]	229.043	430.521	426.516	426.768		426.264	L[15]
G[11]	243.598	407.250	398.243	398.497		397.993	G[14]
K[12]	275.022	387.994	383.989	384.242		383.738	K[13]
G[13]	290.177	355.971	351.966	352.218		351.714	G[12]
G[14]	304.432	341.715	337.711	337.963		337.459	G[11]
A[15]	322.192	327.460	323.455	323.707		323.203	A[10]
K[16]	354.215	309.701	305.696	305.948		305.444	K[9]
R[17]	393.241	277.877	273.672	273.924		273.420	R[8]
H[18]	427.505	238.652	234.647	234.899		234.395	H[7]
R[19]	469.531	204.397	200.392	200.644		200.140	R[6]
K[20]	505.562	165.362	161.357	161.609		161.105	K[5]
V[21]	530.329	126.330	122.325	122.577		122.073	V[4]
L[22]	558.600	101.563	97.558	97.810		97.306	L[3]
R[23]	597.626	73.292	69.287	69.539		69.035	R[2]
D[24]	626.382	34.267	30.262	30.514		30.010	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03



sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.05
- ▶ F113280.dat
- ▶ query=q47296.p1
- ▶ precursor=358.505360
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	105.060	2503.492	2487.473	0.000	2486.465	S[24]
G	2	162.087	2516.460	2400.441	0.000	2399.433	G[23]
R	3	318.188	2359.438	2341.419	2344.437	2342.412	R[22]
G	4	375.210	2203.437	2187.418	2188.426	2186.410	G[21]
K	5	503.305	2146.416	2130.297	2131.305	2129.289	K[20]
G	6	560.326	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	617.348	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	745.443	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	802.464	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	813.568	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	972.570	1606.977	1589.958	1590.966	1588.951	G[14]
K	12	1100.665	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1157.686	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1214.708	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1285.745	1306.818	1290.799	1291.807	1289.791	A[10]
K	16	1413.840	1238.781	1219.763	1220.770	1218.754	K[9]
R	17	1589.981	1137.666	1097.647	1097.675	1095.660	R[8]
H	18	1707.000	951.585	915.500	936.574	934.558	H[7]
R	19	1853.101	814.526	798.507	799.515	797.499	R[6]
K	20	2019.227	658.425	642.406	643.414	641.398	K[5]
V	21	2118.295	502.298	486.280	487.287	485.272	V[4]
L	22	2231.380	403.230	387.211	388.219	386.203	L[3]
R	23	2387.481	290.146	274.127	275.135	273.119	R[2]
D	24	2602.568	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.05
- ▶ F113280.dat
- ▶ query=q47296.p1
- ▶ precursor=358.505360
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	83.037	1252.249	1244.240	0.504	1243.736	S[24]
G	2	83.547	1208.733	1209.728	0.504	1209.229	G[23]
R	3	159.598	1180.223	1172.213	1172.717	1171.705	R[22]
G	4	188.109	1102.172	1094.163	1094.667	1093.656	G[21]
K	5	252.156	1073.661	1065.652	1066.156	1065.148	K[20]
G	6	280.667	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	309.178	981.103	973.094	973.598	972.590	G[18]
K	8	373.225	952.592	944.583	945.087	944.079	K[17]
G	9	403.736	898.545	890.536	891.040	890.033	G[16]
L	10	458.278	860.034	852.025	852.529	851.521	L[15]
G	11	486.789	803.492	795.483	795.987	794.979	G[14]
K	12	550.836	774.982	766.972	767.476	766.468	K[13]
G	13	579.347	710.936	702.925	703.429	702.421	G[12]
G	14	607.857	682.423	674.414	674.918	673.910	G[11]
A	15	643.376	653.913	645.903	646.407	645.399	A[10]
K	16	707.423	618.398	610.389	610.889	609.881	K[9]
R	17	765.874	584.347	546.337	548.841	545.833	R[8]
H	18	854.004	476.296	468.287	468.791	467.783	H[7]
R	19	932.054	407.767	399.757	400.261	399.253	R[6]
K	20	1010.117	329.716	321.707	322.211	321.203	K[5]
V	21	1059.601	251.653	243.643	244.147	243.140	V[4]
L	22	1116.193	202.119	194.109	194.613	193.605	L[3]
R	23	1194.244	145.577	137.567	138.071	137.063	R[2]
D	24	1251.757	87.526	89.517	89.021	89.013	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.05
- ▶ F113280.dat
- ▶ query=q47296.p1
- ▶ precursor=358.505360
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	335.169	829.827	0.672	829.493	S[24]
G[2]	54.701	306.158	800.833	0.672	800.483	G[23]
R[3]	106.734	787.151	781.811	782.147	781.475	R[22]
G[4]	125.741	735.117	729.778	730.114	729.442	G[21]
K[5]	168.440	716.110	710.770	711.106	710.435	K[20]
G[6]	187.447	673.412	668.072	668.408	667.736	G[19]
G[7]	206.454	654.405	649.065	649.401	648.729	G[18]
K[8]	249.152	635.397	630.058	630.394	629.722	K[17]
G[9]	268.160	592.699	587.360	587.695	587.024	G[16]
L[10]	309.254	573.692	568.352	568.688	568.016	L[15]
G[11]	324.861	535.997	530.658	530.994	530.322	G[14]
K[12]	367.560	516.990	511.651	511.986	511.315	K[13]
G[13]	386.567	474.292	468.952	469.288	468.616	G[12]
G[14]	405.574	455.285	449.945	450.281	449.609	G[11]
A[15]	429.253	436.277	430.938	431.274	430.602	A[10]
R[16]	471.951	412.598	407.259	407.595	406.923	R[9]
R[17]	523.985	369.900	364.561	364.896	364.225	R[8]
H[18]	569.671	317.866	312.527	312.863	312.191	H[7]
R[19]	611.705	272.180	266.841	267.176	266.505	R[6]
K[20]	673.747	220.140	214.807	215.143	214.471	K[5]
V[21]	706.770	168.104	162.765	163.101	162.429	V[4]
L[22]	744.465	135.082	129.742	130.078	129.406	L[3]
R[23]	796.498	97.387	92.047	92.383	91.711	R[2]
D[24]	854.841	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD
28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=53.05
- ▶ F113280.dat
- ▶ query=q47296.p1
- ▶ precursor=358.505360
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	27.022	826.626	622.624	0.755	622.372	S[24]
G[2]	41.277	504.870	600.868	0.755	600.614	G[23]
R[3]	80.303	590.615	586.610	586.862	586.358	R[22]
G[4]	94.558	551.590	547.585	547.837	547.333	G[21]
K[5]	126.582	537.334	533.330	533.582	533.078	K[20]
G[6]	140.837	505.311	501.306	501.558	501.054	G[19]
G[7]	155.092	491.055	487.051	487.303	486.799	G[18]
K[8]	187.116	476.800	472.795	473.047	472.543	K[17]
G[9]	203.372	444.776	440.771	440.267	440.260	G[16]
L[10]	229.643	430.521	426.516	426.768	426.264	L[15]
G[11]	253.898	402.250	398.245	397.741	397.993	G[14]
K[12]	275.922	387.994	383.989	384.242	383.738	K[13]
G[13]	290.177	355.971	351.966	352.218	351.714	G[12]
G[14]	304.432	341.715	337.711	337.963	337.459	G[11]
A[15]	322.192	327.460	323.455	323.707	323.203	A[10]
R[16]	354.215	309.701	305.696	305.948	305.444	R[9]
R[17]	393.241	277.877	273.872	273.924	273.420	R[8]
H[18]	427.505	238.652	234.647	234.899	234.395	H[7]
R[19]	469.531	204.397	200.392	200.644	200.140	R[6]
K[20]	505.562	165.362	161.357	161.609	161.105	K[5]
V[21]	530.329	126.330	122.325	122.577	122.073	V[4]
L[22]	558.600	101.563	97.558	97.810	97.306	L[3]
R[23]	597.626	73.292	69.287	69.539	69.035	R[2]
D[24]	636.382	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=53.05
- ▶ F113280.dat
- ▶ query=q47296.p1
- ▶ precursor=358.505360
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	21.819	501.504	498.300	0.806	498.099	S[24]
G[2]	33.223	484.988	480.884	0.806	480.692	G[23]
R[3]	64.444	472.691	469.490	469.691	469.288	R[22]
G[4]	75.848	441.473	438.269	438.471	438.068	G[21]
K[5]	101.467	430.069	426.865	427.067	426.664	K[20]
G[6]	112.871	404.450	401.246	401.448	401.045	G[19]
G[7]	124.275	393.046	389.842	390.043	389.640	G[18]
K[8]	149.894	381.641	378.438	378.639	378.236	K[17]
G[9]	181.299	356.022	352.819	353.020	352.617	G[16]
L[10]	193.918	344.618	341.414	341.616	341.213	L[15]
G[11]	195.320	322.001	318.798	318.999	318.596	G[14]
K[12]	220.939	310.597	307.393	307.595	307.192	K[13]
G[13]	232.343	284.978	281.774	281.976	281.573	G[12]
G[14]	243.747	273.574	270.370	270.572	270.168	G[11]
A[15]	257.955	262.169	258.966	259.167	258.764	A[10]
K[16]	283.574	247.962	244.758	244.960	244.557	K[9]
R[17]	314.794	222.343	219.139	219.341	218.938	R[8]
H[18]	342.206	191.123	187.919	188.121	187.717	H[7]
R[19]	373.426	163.711	160.507	160.709	160.306	R[6]
K[20]	404.251	132.491	129.287	129.489	129.085	K[5]
V[21]	424.465	101.265	98.062	98.263	97.860	V[4]
L[22]	447.082	81.452	78.248	78.450	78.047	L[3]
R[23]	478.302	58.835	55.631	55.833	55.430	R[2]
D[24]	501.307	27.615	24.411	24.613	24.209	D[1]

sp | P62806 | H4_MOUSE

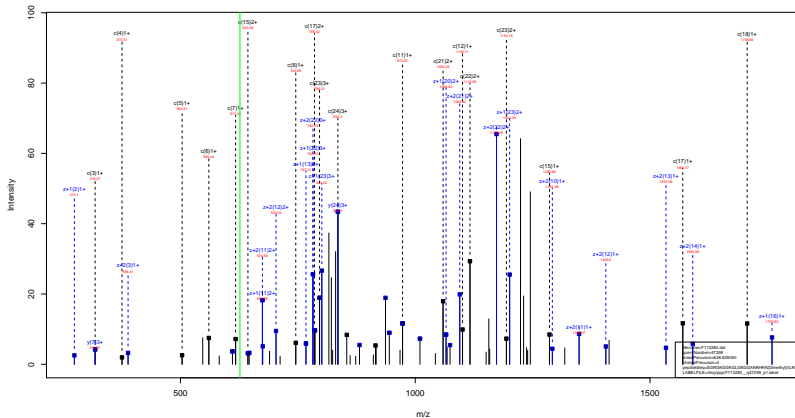
SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=53.05
- ▶ F113280.dat
- ▶ query=q47296.p1
- ▶ precursor=358.505360
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	18.950	418.088	415.418	0.839	615.290	S[24]
G[2]	27.854	401.583	400.911	0.839	600.745	G[23]
R[3]	53.871	394.079	391.409	391.577	391.241	R[22]
G[4]	63.374	368.062	365.392	365.560	365.224	G[21]
K[5]	84.724	358.559	355.889	356.057	355.721	K[20]
G[6]	94.227	337.210	334.540	334.708	334.372	G[19]
G[7]	103.731	327.706	325.036	325.204	324.868	G[18]
K[8]	125.080	318.202	315.531	315.701	315.365	K[17]
G[9]	134.583	296.851	294.181	297.354	294.015	G[16]
L[10]	153.431	287.346	284.666	284.848	284.512	L[15]
G[11]	162.934	268.502	265.832	266.000	265.665	G[14]
K[12]	184.284	258.999	256.329	256.497	256.161	K[13]
G[13]	193.787	237.650	234.980	235.148	234.812	G[12]
G[14]	203.291	228.146	225.476	225.644	225.308	G[11]
A[15]	215.130	218.642	215.973	216.141	215.805	A[10]
K[16]	236.479	206.803	204.133	204.301	203.965	K[9]
R[17]	262.496	185.454	182.784	182.952	182.616	R[8]
H[18]	285.139	159.437	156.767	156.935	156.599	H[7]
R[19]	311.356	136.594	133.924	134.092	133.756	R[6]
K[20]	337.377	110.577	107.907	108.075	107.739	K[5]
V[21]	353.889	84.556	81.886	82.054	81.718	V[4]
L[22]	372.736	68.044	65.374	65.543	65.207	L[3]
R[23]	398.753	49.197	46.527	46.695	46.359	R[2]
D[24]	417.924	23.180	20.510	20.678	20.342	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03



sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=80.24
- ▶ F113280.dat
- ▶ query=q47299_p1
- ▶ precursor=626.629050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	105.056	2503.492	2487.473	0.000	2486.465	S[24]
G	2	162.087	2416.460	2400.441	0.000	2399.433	G[23]
R	3	318.180	2359.438	2343.419	2344.427	2342.412	R[22]
G	4	375.210	2303.437	2187.418	2188.426	2186.410	G[21]
K	5	503.305	2146.416	2130.397	2131.405	2129.389	K[20]
G	6	560.326	2018.221	2002.200	2003.210	2001.194	G[19]
G	7	617.348	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	745.443	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	802.464	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	915.548	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	972.570	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1100.665	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1157.686	1430.861	1404.842	1405.850	1403.834	G[12]
G	14	1214.708	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1285.745	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1413.840	1238.781	1219.762	1220.770	1218.754	R[9]
R	17	1569.941	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1707.000	951.585	935.566	936.574	934.558	H[7]
R	19	1863.101	814.526	798.507	799.515	797.499	R[6]
K	20	2019.227	658.425	642.406	643.414	641.398	K[5]
V	21	2118.296	502.298	486.280	487.287	485.272	V[4]
L	22	2213.380	403.230	387.211	388.219	386.203	L[3]
R	23	2307.461	298.146	274.127	-75.135	273.110	R[2]
D	24	2502.508	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=80.24
- ▶ F113280.dat
- ▶ query=q47299_p1
- ▶ precursor=626.629050
- ▶ chargePrecursor=4
- ▶ itol=0.5

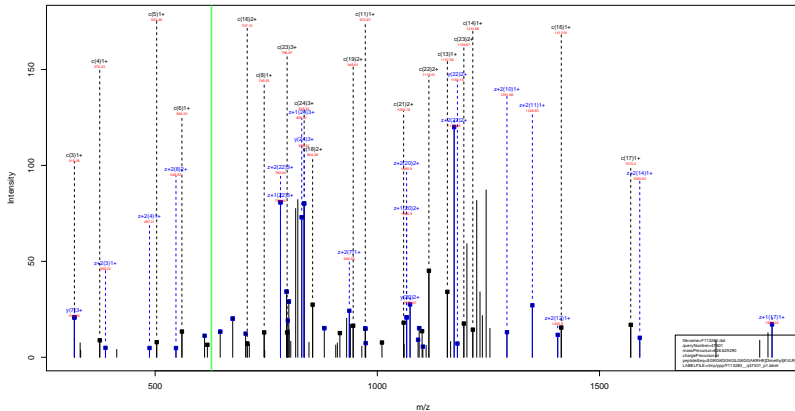
AA	c	y	z+1	z+2	z	AA
S[1]	83.017	1282.249	1244.260	0.504	1243.756	S[24]
G[2]	81.547	1238.733	1200.724	0.504	1200.220	G[23]
K[3]	158.558	1180.223	1172.213	1172.717	1171.709	K[22]
G[4]	188.399	1102.712	1094.193	1094.687	1093.659	G[21]
K[5]	252.158	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	280.667	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	309.178	981.103	973.094	973.598	972.590	G[18]
K[8]	373.225	952.592	944.583	945.087	944.070	K[17]
G[9]	401.736	898.545	890.536	881.040	880.032	G[16]
L[10]	430.248	860.036	852.027	852.529	851.521	L[15]
G[11]	486.789	803.482	795.473	795.987	794.979	G[14]
K[12]	550.836	774.982	766.972	767.476	766.468	K[13]
G[13]	579.347	710.934	702.925	703.429	702.421	G[12]
G[14]	607.857	682.423	674.414	674.918	673.910	G[11]
A[15]	643.376	653.913	645.903	646.407	645.399	A[10]
R[16]	707.423	618.394	610.385	610.889	609.881	R[9]
R[17]	785.474	554.347	546.337	546.841	545.833	R[8]
H[18]	854.004	476.290	468.281	468.781	467.783	H[7]
R[19]	932.054	407.767	399.757	400.261	399.253	R[6]
K[20]	1010.117	329.716	321.707	322.211	321.203	K[5]
V[21]	1059.661	251.663	243.653	244.157	243.149	V[4]
L[22]	1116.193	202.119	194.109	194.613	193.605	L[3]
R[23]	1194.244	145.577	137.567	138.071	137.063	R[2]
D[24]	1251.757	87.526	79.517	80.021	79.013	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=80.24
- ▶ F113280.dat
- ▶ query=q47299_p1
- ▶ precursor=626.629050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	835.169	829.820	0.672	829.493	S[24]
G[2]	54.701	806.158	800.818	0.672	800.481	G[23]
R[3]	106.734	787.151	781.811	782.147	781.475	R[22]
G[4]	125.741	735.117	729.778	730.114	729.442	G[21]
K[5]	168.440	716.110	710.770	711.106	710.435	K[20]
G[6]	187.447	673.412	668.072	668.408	667.736	G[19]
G[7]	206.454	654.405	649.065	649.401	648.729	G[18]
K[8]	249.152	635.397	630.058	630.394	629.722	K[17]
G[9]	268.160	592.699	587.360	587.696	587.024	G[16]
L[10]	309.254	573.692	568.352	568.688	568.016	L[15]
G[11]	324.261	535.997	530.658	530.994	530.322	G[14]
K[12]	367.560	516.990	511.651	511.986	511.315	K[13]
G[13]	386.567	474.292	468.952	469.288	468.616	G[12]
G[14]	405.574	455.285	449.945	450.281	449.609	G[11]
A[15]	429.253	436.277	430.938	431.274	430.602	A[10]
K[16]	471.951	412.598	407.259	407.595	406.923	K[9]
R[17]	523.985	369.900	364.561	364.896	364.225	R[8]
H[18]	569.671	317.866	312.527	312.863	312.191	H[7]
R[19]	621.705	272.180	266.841	267.176	266.505	R[6]
K[20]	673.147	220.140	214.801	215.143	214.471	K[5]
V[21]	706.770	188.104	182.765	183.101	182.429	V[4]
L[22]	744.465	135.082	129.742	130.078	129.406	L[3]
R[23]	796.498	97.387	92.047	92.383	91.711	R[2]
D[24]	834.841	45.353	40.014	40.349	39.678	D[1]



sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHR^{Dimethyl} KVLRD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=94.95
- ▶ F113280.dat
- ▶ query=q47301_p1
- ▶ precursor=626.629290
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.056	2503.492	2487.473	0.000	2486.465	S[24]
G[2]	162.087	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	318.188	2359.438	2343.419	2344.427	2342.412	R[22]
G[4]	375.210	2303.337	2187.318	2188.326	2186.310	G[21]
K[5]	503.305	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	560.326	2018.221	2002.200	2003.210	2001.194	G[19]
G[7]	617.348	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	745.443	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	802.464	1776.082	1760.064	1761.072	1759.056	G[16]
L[10]	915.548	1719.061	1703.043	1704.050	1702.035	L[15]
G[11]	972.570	1605.977	1589.958	1590.966	1588.951	G[14]
K[12]	1100.665	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1157.686	1430.861	1404.842	1405.850	1403.834	G[12]
G[14]	1214.708	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1289.745	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1413.840	1239.781	1219.762	1220.770	1218.754	R[9]
R[17]	1569.941	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1707.000	951.585	935.566	936.574	934.558	H[7]
R[19]	1891.132	814.526	798.507	799.515	797.499	R[6]
K[20]	2019.227	630.393	614.375	615.382	613.367	K[5]
V[21]	2118.296	502.298	486.280	487.287	485.272	V[4]
L[22]	2211.380	403.230	387.213	388.219	386.203	L[3]
R[23]	2387.481	280.146	274.127	-75.135	273.110	R[2]
D[24]	2502.508	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHR^{Dimethyl} KVLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=94.95
- ▶ F113280.dat
- ▶ query=q47301_p1
- ▶ precursor=626.629290
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	63.017	1262.249	1244.260	0.504	1243.756	S[24]
G[2]	61.547	1238.733	1200.724	0.504	1200.220	G[23]
R[3]	158.558	1188.223	1172.731	1172.717	1171.709	R[22]
G[4]	188.399	1102.172	1094.163	1093.657	1093.659	G[21]
K[5]	252.158	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	280.667	1009.614	1001.605	1002.608	1001.101	G[19]
G[7]	309.178	981.103	973.094	973.598	972.590	G[18]
K[8]	373.225	952.592	944.583	945.587	944.070	K[17]
G[9]	401.736	898.545	880.536	881.040	880.032	G[16]
L[10]	438.278	860.036	852.027	853.029	851.521	L[15]
G[11]	486.789	803.492	795.483	795.987	794.979	G[14]
K[12]	550.836	774.982	766.972	767.476	766.468	K[13]
G[13]	579.347	710.934	702.925	703.429	702.421	G[12]
G[14]	607.857	682.423	674.414	674.918	673.910	G[11]
A[15]	693.396	653.913	645.903	646.307	645.300	A[10]
R[16]	707.423	618.394	610.385	610.889	609.881	R[9]
R[17]	785.474	554.347	546.337	546.841	545.833	R[8]
H[18]	854.004	476.290	468.281	468.781	467.783	H[7]
R[19]	946.070	407.767	399.757	400.261	399.253	R[6]
K[20]	1010.117	315.700	307.691	308.195	307.187	K[5]
V[21]	1059.661	253.653	245.643	246.147	245.140	V[4]
L[22]	1116.193	202.119	194.109	194.613	193.605	L[3]
R[23]	1194.244	145.577	137.567	138.071	137.063	R[2]
D[24]	1251.757	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

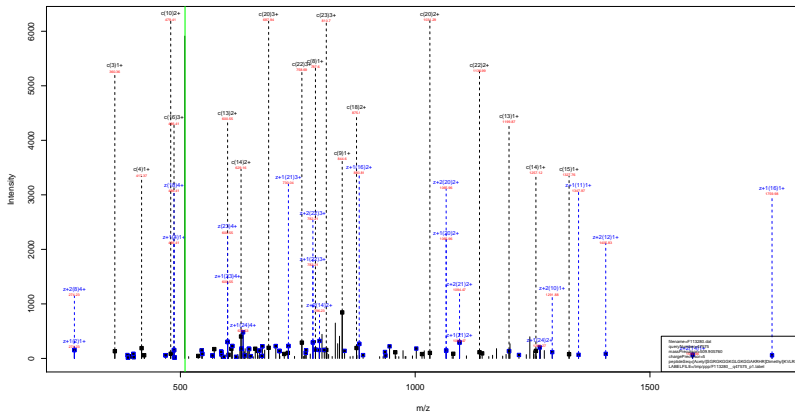
SGRGKGGKGLGKGGAKRHR ^{Dimethyl} 28.03 KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=94.95
- ▶ F113280.dat
- ▶ query=q47301_p1
- ▶ precursor=626.629290
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	835.169	629.829	0.672	829.493	S[24]
G[2]	54.701	306.150	800.818	0.672	800.483	G[23]
R[3]	106.734	787.151	781.811	782.147	781.475	R[22]
G[4]	125.741	735.117	729.778	730.114	729.442	G[21]
K[5]	168.440	716.110	710.770	711.106	710.435	K[20]
G[6]	187.447	673.412	668.072	668.408	667.736	G[19]
G[7]	206.454	654.405	649.065	649.401	648.729	G[18]
K[8]	249.152	635.397	630.058	630.394	629.722	K[17]
G[9]	268.160	592.699	587.360	587.696	587.024	G[16]
L[10]	305.954	671.692	568.357	568.693	568.016	L[15]
G[11]	324.961	535.997	530.658	530.994	530.322	G[14]
K[12]	367.560	516.990	511.651	511.988	511.315	K[13]
G[13]	386.567	474.292	468.952	469.288	468.616	G[12]
G[14]	405.574	455.285	449.945	450.281	449.609	G[11]
A[15]	429.253	436.277	430.938	431.274	430.602	A[10]
K[16]	471.951	412.598	407.259	407.595	406.923	K[9]
R[17]	523.985	369.900	364.561	364.896	364.225	R[8]
H[18]	569.671	317.866	312.527	312.863	312.191	H[7]
R[19]	631.049	272.180	266.841	267.176	266.505	R[6]
K[20]	673.747	210.803	205.463	205.799	205.127	K[5]
V[21]	706.770	168.104	162.765	163.101	162.429	V[4]
L[22]	744.465	135.082	129.742	130.078	129.406	L[3]
R[23]	796.498	97.387	92.047	92.383	91.711	R[2]
D[24]	834.841	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) KVLRD (28.03)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl)
(28.03) KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=74.54
- ▶ F113280.dat
- ▶ query=q47575_p1
- ▶ precursor=509.905760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2545.502	2529.483	0.000	2528.478	S[24]
G	2	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R	3	360.199	2359.439	2343.419	2344.427	2342.412	R[22]
G	4	417.220	2303.397	2187.378	2186.368	2186.310	G[21]
K	5	545.315	2146.316	2130.297	2131.305	2129.280	K[20]
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	937.559	1719.061	1703.043	1704.050	1702.035	L[15]
K	11	1014.580	1605.977	1589.958	1590.966	1588.951	K[14]
R	12	1142.675	1548.956	1532.937	1533.945	1531.929	R[13]
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1393.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.755	1306.818	1290.799	1291.807	1289.791	A[10]
R	16	1405.850	1289.781	1273.762	1220.770	1218.755	R[9]
R	17	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1749.010	951.585	935.566	936.574	934.558	H[7]
R	19	1933.143	814.526	798.507	799.515	797.499	R[6]
R	20	2061.238	630.393	614.375	615.382	613.367	R[5]
V	21	2180.306	502.298	486.280	487.287	485.272	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
D	23	2429.491	298.146	274.127	275.136	273.121	D[2]
D	24	2544.518	194.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) KVLRD
(28.03)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=74.54
- ▶ F113280.dat
- ▶ query=q47575.p1
- ▶ precursor=509.905760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1272.295	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	268.114	1102.122	1094.163	1094.567	1093.659	G[21]
K[5]	273.103	1073.661	1065.652	1066.156	1065.149	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	961.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.283	850.234	862.225	862.729	861.721	L[15]
G[11]	507.794	803.682	795.683	795.987	794.979	G[14]
K[12]	571.841	774.662	766.672	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.361	653.913	645.903	646.407	645.399	A[10]
R[16]	728.429	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	558.367	546.337	546.841	545.833	R[8]
H[18]	875.009	476.295	468.287	468.791	467.783	H[7]
R[19]	967.075	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	315.700	307.691	308.195	307.187	K[5]
V[21]	1080.657	251.653	243.643	244.147	243.140	V[4]
L[22]	1137.199	202.118	194.109	194.613	193.605	L[3]
R[23]	1215.269	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl)
(28.03) KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=74.54
- ▶ F113280.dat
- ▶ query=q47575_p1
- ▶ precursor=509.905760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	68.704	806.156	800.817	0.672	800.481	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	718.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.858	571.692	568.352	568.688	568.016	L[15]
G[11]	338.865	535.991	530.651	530.994	530.322	G[14]
K[12]	381.563	516.980	511.651	511.988	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	645.092	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	210.803	205.463	205.799	205.127	K[5]
V[21]	720.774	108.104	102.765	103.101	102.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) KVLRD
(28.03)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=74.54
- ▶ F113280.dat
- ▶ query=q47575_p1
- ▶ precursor=509.905760
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	37.925	637.131	633.126	0.755	632.076	S
G	2	51.780	604.970	600.866	0.755	600.614	G
R	3	90.905	590.615	586.610	586.862	586.358	R
G	4	105.061	591.590	547.585	547.837	547.133	G
K	5	137.084	537.334	533.330	533.582	533.078	K
G	6	151.340	505.311	501.306	501.558	501.054	G
G	7	165.595	491.055	487.051	487.303	486.799	G
K	8	197.619	476.800	472.795	473.047	472.543	K
G	9	211.874	444.776	440.771	441.023	440.520	G
L	10	240.145	430.521	426.516	426.768	426.264	L
G	11	254.401	402.260	398.245	398.497	397.993	G
K	12	286.424	387.994	383.990	384.242	383.738	K
G	13	300.680	355.971	351.966	352.218	351.714	G
G	14	314.935	341.715	337.711	337.963	337.459	G
A	15	332.694	327.460	323.455	323.707	323.203	A
K	16	364.718	309.701	305.696	305.948	305.444	K
R	17	403.743	277.677	273.672	273.924	273.420	R
H	18	438.008	238.652	234.647	234.899	234.395	H
R	19	484.041	204.387	200.382	200.634	200.130	R
K	20	518.065	136.354	134.349	134.601	134.097	K
V	21	540.332	126.130	122.125	122.377	122.073	V
L	22	569.103	101.563	97.558	97.810	97.306	L
R	23	608.128	73.292	69.287	69.539	69.035	R
D	24	636.885	34.267	30.262	30.514	30.010	D

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=88.63
- ▶ F113280.dat
- ▶ query=q47577_p1
- ▶ precursor=509.906050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.507	2529.483	0.000	2528.476	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	360.199	2399.438	2343.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.318	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.172	G[18]
K[8]	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	927.559	1729.061	1703.043	1704.050	1702.035	L[15]
Q[11]	1014.580	1605.977	1589.958	1590.966	1588.951	Q[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1296.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.755	1306.817	1290.798	1291.807	1289.791	A[10]
R[16]	1455.850	1235.781	1219.762	1220.770	1218.755	R[9]
R[17]	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1740.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.528	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2160.306	502.368	485.380	487.387	485.372	V[4]
L[22]	2273.399	463.310	387.211	388.219	386.203	L[3]
R[23]	2429.491	290.148	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	138.026	139.034	137.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=88.63
- ▶ F113280.dat
- ▶ query=q47577_p1
- ▶ precursor=509.906050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.259	1266.265	0.504	1264.741	S[24]
G[2]	102.551	1238.733	1200.724	0.504	1200.220	G[23]
K[3]	180.603	1180.223	1172.213	1172.717	1171.709	K[22]
G[4]	259.114	1102.172	1094.163	1094.567	1093.559	G[21]
K[5]	273.163	1073.661	1055.592	1056.156	1055.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.070	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.263	860.036	852.027	853.529	852.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.381	653.913	645.903	646.407	645.399	A[10]
K[16]	728.420	618.394	610.385	610.889	609.881	K[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.296	468.287	468.791	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	259.746	241.737	242.241	241.233	K[5]
V[21]	1080.667	293.693	283.683	284.187	283.180	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=88.63
- ▶ F113280.dat
- ▶ query=q47577.p1
- ▶ precursor=509.906050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	725.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.689	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	633.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=88.63
- ▶ F113280.dat
- ▶ query=q47577.p1
- ▶ precursor=509.906050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	637.131	633.126	0.755	632.874	S[24]
G[2]	51.780	604.870	600.866	0.755	600.614	G[23]
R[3]	90.805	590.615	586.610	586.862	586.358	R[22]
G[4]	105.061	551.590	547.585	547.837	547.333	G[21]
K[5]	137.084	537.334	533.330	533.582	533.078	K[20]
G[6]	151.340	505.311	501.306	501.558	501.054	G[19]
G[7]	165.595	491.055	487.051	487.303	486.799	G[18]
K[8]	197.619	476.800	472.793	473.047	472.543	K[17]
G[9]	211.874	444.776	440.771	441.023	440.520	G[16]
L[10]	280.148	430.521	426.516	426.768	426.264	L[15]
G[11]	254.401	407.250	398.243	398.497	397.993	G[14]
K[12]	286.424	387.994	383.989	384.242	383.738	K[13]
G[13]	300.680	355.971	351.966	352.218	351.714	G[12]
G[14]	314.935	341.715	337.711	337.963	337.459	G[11]
A[15]	332.694	327.460	323.455	323.707	323.203	A[10]
K[16]	364.718	309.701	305.696	305.948	305.444	K[9]
R[17]	403.743	277.677	273.672	273.924	273.420	R[8]
H[18]	438.008	238.652	234.647	234.899	234.395	H[7]
R[19]	477.033	204.397	200.392	200.644	200.140	R[6]
K[20]	516.058	165.362	161.357	161.609	161.105	K[5]
V[21]	540.832	126.330	122.325	122.577	122.073	V[4]
L[22]	569.103	101.563	97.558	97.810	97.306	L[3]
R[23]	608.128	73.292	69.287	69.539	69.035	R[2]
D[24]	636.885	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.25
- ▶ F113280.dat
- ▶ query=q47580_p1
- ▶ precursor=509.906220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.502	2529.463	0.000	2528.416	S[24]
G[2]	204.008	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	360.199	2359.438	2343.410	2344.427	2342.412	R[22]
G[4]	417.220	2303.397	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2144.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.172	G[18]
K[8]	787.453	1804.178	1888.159	1889.167	1887.151	K[17]
Q[9]	844.475	1776.083	1760.064	1761.072	1759.056	Q[16]
L[10]	957.559	1719.061	1703.043	1704.050	1702.034	L[15]
Q[11]	1014.580	1605.977	1589.958	1590.966	1588.951	Q[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.607	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.735	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1405.802	1249.794	1233.775	1234.783	1232.767	R[9]
R[17]	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1740.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2160.306	502.298	496.280	497.287	495.272	V[4]
L[22]	2273.369	403.130	387.211	388.219	386.203	L[3]
R[23]	2429.491	300.148	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.25
- ▶ F113280.dat
- ▶ query=q47580_p1
- ▶ precursor=509.906220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.265	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.700	R[22]
G[4]	359.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.103	1073.061	1065.052	1066.156	1065.148	K[20]
G[6]	303.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.070	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.283	860.036	852.028	852.532	851.524	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.381	653.913	645.903	646.407	645.399	A[10]
R[16]	738.429	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.206	468.207	468.791	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.127	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.657	251.093	243.083	244.587	243.140	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.25
- ▶ F113280.dat
- ▶ query=q47580.p1
- ▶ precursor=509.906220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	56.704	806.158	800.810	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
C[9]	282.163	592.099	587.360	587.695	587.024	C[16]
L[10]	319.058	574.092	568.352	568.688	568.016	L[15]
G[11]	338.065	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.988	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.089	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	667.751	250.140	244.801	245.143	244.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=47.25
- ▶ F113280.dat
- ▶ query=q47580.p1
- ▶ precursor=509.906220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	537.131	633.126	0.755	632.874	S[24]
G[2]	51.780	504.870	600.866	0.755	600.614	G[23]
R[3]	90.805	590.615	586.610	586.862	586.353	R[22]
G[4]	105.061	551.590	547.585	547.837	547.333	G[21]
K[5]	137.084	537.334	533.330	533.582	533.078	K[20]
G[6]	151.340	505.311	501.306	501.558	501.054	G[19]
G[7]	165.595	491.055	487.051	487.303	486.799	G[18]
K[8]	197.619	476.800	472.793	473.047	472.543	K[17]
G[9]	211.874	444.776	440.771	441.023	440.520	G[16]
L[10]	280.148	430.521	426.516	426.768	426.264	L[15]
G[11]	254.401	407.250	398.243	398.497	397.993	G[14]
K[12]	286.424	387.994	383.990	384.242	383.738	K[13]
G[13]	300.680	355.971	351.966	352.218	351.714	G[12]
G[14]	314.935	341.715	337.711	337.963	337.459	G[11]
A[15]	332.694	327.460	323.455	323.707	323.203	A[10]
K[16]	364.718	309.701	305.696	305.948	305.444	K[9]
R[17]	403.743	277.877	273.672	273.924	273.420	R[8]
H[18]	438.008	238.652	234.647	234.899	234.395	H[7]
R[19]	477.033	204.397	200.392	200.644	200.140	R[6]
K[20]	515.055	165.362	161.357	161.609	161.105	K[5]
V[21]	540.832	126.330	122.325	122.577	122.073	V[4]
L[22]	569.103	101.563	97.558	97.810	97.306	L[3]
R[23]	608.128	73.292	69.287	69.539	69.035	R[2]
D[24]	636.885	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl)
(28.03) KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.49
- ▶ F113280.dat
- ▶ query=q47582_p1
- ▶ precursor=509.906400
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.505	2529.483	0.000	2528.470	S[24]
G[2]	204.059	2416.460	2400.441	0.000	2399.431	G[23]
R[3]	360.199	2359.430	2343.410	2344.427	2342.412	R[22]
G[4]	417.220	2293.391	2187.378	2188.326	2186.310	G[21]
R[5]	545.315	2146.316	2130.297	2131.308	2129.280	R[20]
G[6]	602.337	2018.221	2002.200	2003.210	2001.184	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	787.453	1904.179	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	957.559	1719.061	1703.043	1704.050	1702.035	L[15]
C[11]	1014.580	1662.039	1556.028	1590.006	1588.951	C[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.920	K[13]
G[13]	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1256.719	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1313.759	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1455.850	1238.781	1219.763	1220.770	1218.754	R[9]
R[17]	1611.951	1107.688	1091.667	1092.675	1090.650	R[6]
H[18]	1740.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1933.143	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.218	630.393	614.375	615.382	613.367	K[5]
V[21]	2189.308	592.296	488.280	489.287	487.271	V[4]
L[22]	2273.390	463.230	387.211	388.219	386.203	L[3]
R[23]	2429.441	290.146	274.127	275.135	273.119	R[2]
D[24]	2544.519	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) KVLRD
(28.03)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.49
- ▶ F113280.dat
- ▶ query=q47582_p1
- ▶ precursor=509.906400
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.092	1273.255	1265.245	0.504	1264.741	G 24
G 2	102.553	1208.733	1200.724	0.504	1200.220	G 23
R 3	180.603	1180.223	1172.213	1172.717	1171.709	R 22
G 4	209.114	1102.172	1094.162	1094.567	1093.857	G 21
K 5	273.163	1073.661	1065.652	1066.156	1065.141	K 20
G 6	301.672	1009.614	1001.605	1002.108	1001.101	G 19
G 7	330.183	981.103	973.094	973.598	972.590	G 18
K 8	394.230	922.592	944.583	945.087	944.079	K 17
G 9	422.741	888.545	880.536	881.040	880.032	G 16
L 10	473.283	850.034	850.035	851.529	851.521	L 15
G 11	507.794	833.492	795.483	795.987	794.979	G 14
K 12	571.841	774.083	766.072	767.476	766.468	K 13
G 13	600.352	710.934	702.925	703.429	702.421	G 12
G 14	628.863	682.423	674.414	674.918	673.910	G 11
A 15	668.261	653.913	653.913	646.407	645.399	A 10
T 16	728.429	618.396	610.385	610.889	609.881	T 9
R 17	806.479	554.347	546.337	546.841	545.833	R 8
H 18	875.009	476.296	468.287	468.791	467.783	H 7
R 19	967.075	407.767	399.757	400.261	399.253	R 6
K 20	1031.122	315.700	307.691	308.195	307.187	K 5
V 21	1080.587	251.053	243.043	244.547	243.540	V 4
L 22	1137.199	202.119	194.109	194.613	193.605	L 3
R 23	1215.249	145.577	137.567	138.071	137.063	R 2
D 24	1272.763	87.526	59.537	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) KVLRD
(28.03)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=36.49
- ▶ F113280.dat
- ▶ query=q47582.p1
- ▶ precursor=509.906400
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.491	S[24]
G[2]	68.704	806.158	800.818	0.672	800.483	G[23]
R[3]	120.738	787.151	783.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	718.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.858	573.692	568.352	568.688	568.016	L[15]
G[11]	338.865	535.397	530.058	530.394	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.588	407.250	407.585	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	645.052	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	210.883	205.463	205.799	205.127	K[5]
V[21]	720.774	188.104	182.705	183.101	182.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.340	39.678	D[1]

sp | P62806 | H4_MOUSE

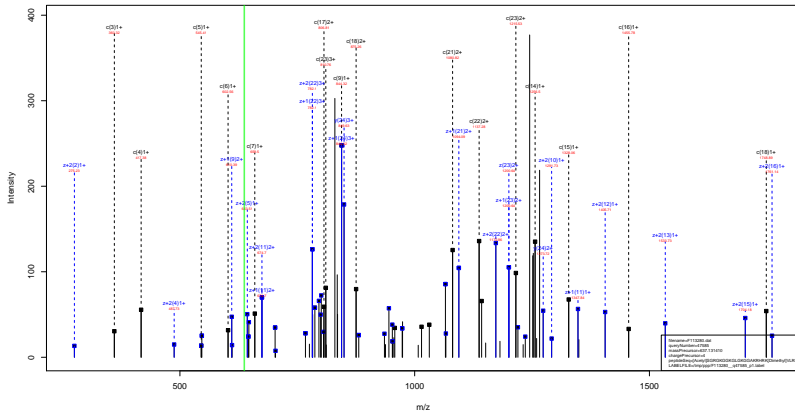
[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl)
(28.03) KVLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=36.49
- ▶ F113280.dat
- ▶ query=q47582.p1
- ▶ precursor=509.906400
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.925	637.131	633.128	0.756	633.074	S[24]
G[2]	51.780	604.870	600.866	0.756	600.614	G[23]
R[3]	90.305	590.615	586.610	586.862	586.358	R[22]
G[4]	105.061	551.590	547.585	547.837	547.333	G[21]
K[5]	137.084	537.334	533.330	533.582	533.078	K[20]
G[6]	151.340	505.311	501.306	501.558	501.054	G[19]
G[7]	165.595	491.055	487.051	487.303	486.799	G[18]
K[8]	197.619	476.800	472.795	473.047	472.543	K[17]
G[9]	211.874	444.776	440.771	441.023	440.520	G[16]
L[10]	240.145	430.521	426.516	426.768	426.264	L[15]
G[11]	254.401	402.250	398.245	398.497	397.993	G[14]
K[12]	286.424	387.994	383.989	384.242	383.738	K[13]
G[13]	300.680	355.971	351.966	352.218	351.714	G[12]
G[14]	314.935	341.715	337.711	337.963	337.459	G[11]
A[15]	332.694	327.460	323.455	323.707	323.203	A[10]
K[16]	364.718	309.701	305.696	305.948	305.444	K[9]
R[17]	403.743	277.677	273.672	273.924	273.420	R[8]
H[18]	438.008	238.652	234.647	234.899	234.395	H[7]
R[19]	484.041	204.387	200.382	200.634	200.130	R[6]
K[20]	518.065	136.354	134.349	134.601	134.097	K[5]
V[21]	540.332	126.130	122.125	122.377	122.073	V[4]
L[22]	569.103	101.563	97.558	97.810	97.306	L[3]
R[23]	608.128	73.292	69.287	69.539	69.035	R[2]
D[24]	636.885	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=110.05
- ▶ F113280.dat
- ▶ query=q47585_p1
- ▶ precursor=637.131410
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.507	2529.483	0.000	2528.476	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	360.199	2399.436	2383.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.172	G[18]
K[8]	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	927.559	1729.061	1713.043	1714.050	1712.035	L[15]
Q[11]	1014.580	1605.977	1589.958	1590.966	1588.951	Q[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1296.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.755	1296.813	1280.794	1281.807	1280.791	A[10]
R[16]	1425.850	1235.781	1219.762	1220.769	1218.754	R[9]
R[17]	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2190.306	502.266	486.246	487.257	485.242	V[4]
L[22]	2273.369	463.139	447.121		445.105	L[3]
R[23]	2429.491	290.146	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl}VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=110.05
- ▶ F113280.dat
- ▶ query=q47585_p1
- ▶ precursor=637.131410
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1266.245	0.504	1264.741	S[24]
G[2]	102.553	1238.733	1200.724	0.504	1200.220	G[23]
K[3]	180.603	1180.223	1172.713	1172.717	1171.709	K[22]
G[4]	259.114	1102.172	1094.163	1093.657	1093.659	G[21]
K[5]	273.153	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.109	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	898.545	880.536	881.040	880.032	G[16]
L[10]	479.293	860.036	852.027	852.529	851.521	L[15]
G[11]	507.794	803.482	795.473	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	638.863	682.423	674.414	674.918	673.910	G[11]
A[15]	684.381	653.913	645.903	646.407	645.399	A[10]
R[16]	739.439	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.290	468.281	468.781	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	339.716	331.707	332.211	331.203	K[5]
V[21]	1080.667	293.693	285.683	286.187	285.180	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.703	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=110.05
- ▶ F113280.dat
- ▶ query=q47585.p1
- ▶ precursor=637.131410
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	849.172	843.833	0.572	843.497	S[24]
G[2]	58.704	806.150	800.818	0.572	800.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.899	587.559	587.895	587.224	G[16]
L[10]	319.258	573.892	568.552	568.888	568.216	L[15]
G[11]	338.265	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.137	214.471	K[5]
V[21]	720.774	188.104	182.765	183.101	182.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.81
- ▶ F113280.dat
- ▶ query=q47587_p1
- ▶ precursor=849.173190
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.070	2545.900	2529.483	0.000	2529.476	S[24]
G	2	204.008	2416.460	2400.443	0.000	2399.433	G[23]
R	3	360.199	2359.438	2343.419	2344.427	2342.412	R[22]
G	4	417.230	2003.337	2187.333	2188.336	2189.311	G[21]
K	5	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	884.475	1776.081	1760.064	1761.072	1759.056	G[16]
L	10	957.559	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1014.580	1605.077	1589.058	1590.966	1588.951	G[14]
K	12	1142.675	1548.056	1532.937	1533.945	1531.929	K[13]
G	13	1199.607	1420.061	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1303.839	1347.821	1348.828	1346.813	G[11]
A	15	1287.859	1368.818	1360.797	1361.807	1359.791	A[10]
R	16	1436.850	1235.781	1218.752	1220.770	1218.754	R[9]
R	17	1611.951	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1749.010	951.585	935.566	936.574	934.558	H[7]
R	19	1905.111	814.520	798.507	799.515	797.499	R[6]
K	20	2061.236	658.425	642.405	643.414	641.398	K[5]
V	21	2180.306	502.269	486.260	487.267	485.251	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
R	23	2420.491	290.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.81
- ▶ F113280.dat
- ▶ query=q47587_p1
- ▶ precursor=849.173190
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G	2	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R	3	130.603	1180.223	1172.213	1172.717	1171.709	R[22]
G	4	209.114	1102.172	1094.163	1094.667	1093.659	G[21]
K	5	273.163	1073.661	1065.652	1066.156	1065.148	K[20]
G	6	301.672	1009.614	1001.605	1002.109	1001.101	G[19]
G	7	330.183	981.103	973.094	973.598	972.590	G[18]
K	8	394.230	952.592	944.583	945.087	944.079	K[17]
G	9	422.741	898.545	890.536	891.040	890.032	G[16]
L	10	479.293	860.036	852.027	852.529	851.521	L[15]
G	11	507.794	803.492	795.483	795.987	794.979	G[14]
K	12	571.841	774.982	766.972	767.476	766.468	K[13]
G	13	600.352	710.934	702.925	703.429	702.421	G[12]
G	14	628.863	682.423	674.414	674.918	673.910	G[11]
A	15	684.381	653.913	645.903	646.407	645.399	A[10]
R	16	728.432	618.394	610.385	610.889	609.881	R[9]
R	17	806.470	554.347	546.337	546.841	545.833	R[8]
H	18	875.009	476.290	468.280	468.784	467.776	H[7]
R	19	953.059	407.767	399.757	400.261	399.253	R[6]
K	20	1031.122	329.716	321.707	322.211	321.203	K[5]
V	21	1080.657	251.663	243.653	244.157	243.149	V[4]
L	22	1137.199	202.119	194.109	194.613	193.605	L[3]
R	23	1215.249	145.577	137.567	138.071	137.063	R[2]
D	24	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=123.91
- ▶ F113280.dat
- ▶ query=q47589_p1
- ▶ precursor=637.131770
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.502	2529.483	0.000	2528.478	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	368.199	2289.438	2243.419	2244.427	2242.412	R[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K[8]	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.063	1760.064	1761.072	1759.056	G[16]
L[10]	927.559	1719.061	1703.063	1704.069	1702.035	L[15]
G[11]	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.795	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1435.850	1238.781	1219.782	1220.770	1218.764	R[9]
R[17]	1611.951	1107.685	1091.687	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2180.306	502.298	486.280	487.287	485.272	V[4]
L[22]	2273.390	403.230	387.211	388.219	386.203	L[3]
R[23]	2429.491	290.146	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=123.91
- ▶ F113280.dat
- ▶ query=q47589_p1
- ▶ precursor=637.131770
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1273.255	1266.265	0.504	1264.741	S[24]
G	2	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R	3	180.603	1180.223	1172.213	1172.717	1171.709	R[22]
G	4	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
R	5	293.163	1073.661	1065.652	1066.156	1065.148	R[20]
G	6	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	330.183	981.103	973.094	973.598	972.590	G[18]
R	8	394.230	952.592	944.583	945.087	944.079	R[17]
G	9	422.741	898.545	890.536	891.040	890.032	G[16]
L	10	479.293	860.036	852.027	853.529	851.521	L[15]
G	11	507.794	803.492	795.483	795.987	794.979	G[14]
R	12	571.841	774.982	766.972	767.476	766.468	R[13]
G	13	600.352	710.934	702.925	703.429	702.421	G[12]
G	14	638.863	682.423	674.414	674.918	673.910	G[11]
A	15	684.381	653.913	645.903	646.407	645.399	A[10]
R	16	728.430	618.394	610.385	610.889	609.881	R[9]
R	17	806.479	554.347	546.337	546.841	545.833	R[8]
H	18	875.009	476.290	468.287	468.791	467.783	H[7]
R	19	953.059	407.767	399.757	400.261	399.253	R[6]
R	20	1011.127	329.716	321.707	322.211	321.203	R[5]
V	21	1080.657	251.663	243.653	244.157	243.149	V[4]
L	22	1137.199	202.119	194.109	194.613	193.605	L[3]
R	23	1215.249	145.577	137.567	138.071	137.063	R[2]
D	24	1272.763	87.526	89.517	90.021	89.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=123.91
- ▶ F113280.dat
- ▶ query=q47589_p1
- ▶ precursor=637.131770
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	849.172	843.833	0.572	843.497	S[24]
G[2]	58.704	806.158	800.818	0.572	800.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.899	587.559	587.895	587.224	G[16]
L[10]	319.258	573.892	568.552	568.888	568.216	L[15]
G[11]	338.265	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.137	214.471	K[5]
V[21]	720.774	188.104	182.765	183.101	182.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=103.68
- ▶ F113280.dat
- ▶ query=q47590_p1
- ▶ precursor=637.131770
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.507	2529.483	0.000	2528.418	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	360.199	2399.438	2383.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K[5]	545.315	2146.318	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.199	1945.180	1946.188	1944.172	G[18]
K[8]	787.453	1904.179	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	927.559	1729.061	1703.043	1704.051	1702.035	L[15]
Q[11]	1014.580	1605.977	1589.958	1590.966	1588.951	Q[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1296.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.755	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1455.850	1235.781	1219.762	1220.770	1217.754	R[9]
R[17]	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2160.306	502.366	486.346	487.354	485.327	V[4]
L[22]	2273.369	463.339	447.319	448.328	446.301	L[3]
R[23]	2429.491	290.146	274.127	275.135	273.110	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=103.68
- ▶ F113280.dat
- ▶ query=q47590_p1
- ▶ precursor=637.131770
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1266.265	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.713	1172.717	1171.709	R[22]
G[4]	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.153	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.070	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.293	860.036	852.027	853.029	852.021	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	694.381	653.913	645.903	646.407	645.399	A[10]
R[16]	728.429	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[8]
H[18]	875.009	476.290	468.281	469.281	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1080.667	251.663	243.653	244.157	243.149	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

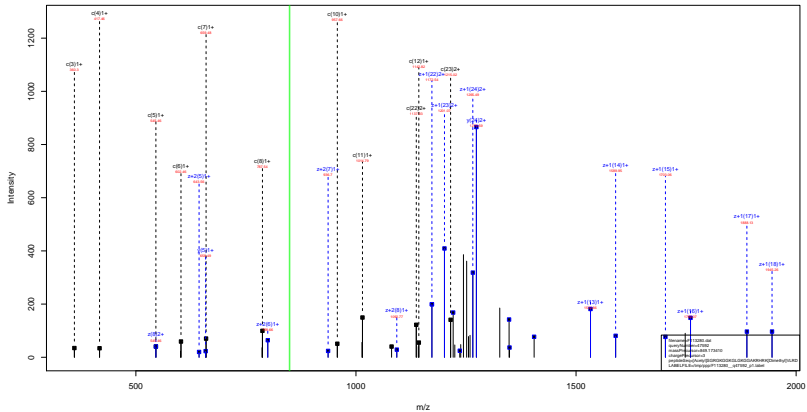
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=103.68
- ▶ F113280.dat
- ▶ query=q47590.p1
- ▶ precursor=637.131770
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.359	587.695	587.024	G[16]
L[10]	319.858	573.692	568.352	568.688	568.016	L[15]
G[11]	338.865	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.140	214.801	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=73.13
- ▶ F113280.dat
- ▶ query=q47592_p1
- ▶ precursor=849.173410
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.507	2529.483	0.000	2528.478	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	360.199	2399.438	2383.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.377	2187.358	2188.326	2186.310	G[21]
K[5]	945.315	2146.318	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.159	1945.180	1946.188	1944.172	G[18]
K[8]	787.453	1904.179	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	957.559	1729.061	1703.043	1704.050	1702.035	L[15]
Q[11]	1014.580	1605.977	1589.958	1590.966	1588.951	Q[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.735	1306.813	1290.798	1291.807	1289.791	A[10]
R[16]	1405.890	1235.781	1219.768	1220.776	1218.760	R[9]
R[17]	1611.951	1107.688	1091.667	1092.675	1090.659	R[8]
H[18]	1740.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2160.306	502.360	486.340	487.347	485.322	V[4]
L[22]	2273.369	463.292	447.271	448.279	446.263	L[3]
R[23]	2429.491	290.146	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

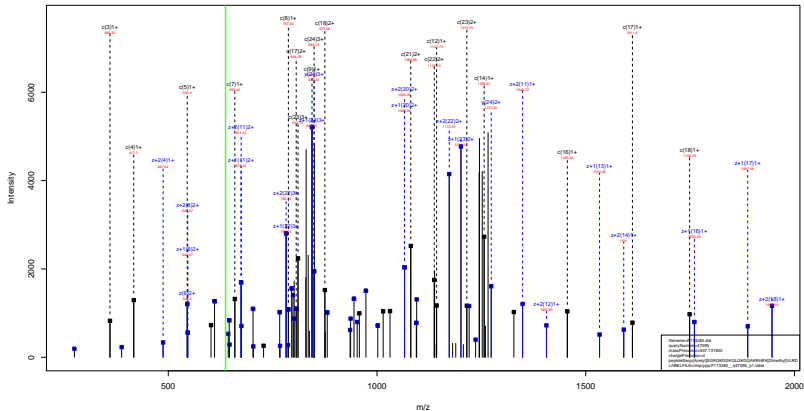
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=73.13
- ▶ F113280.dat
- ▶ query=q47592_p1
- ▶ precursor=849.173410
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G	2	102.553	1238.733	1200.724	0.504	1200.220	G[23]
R	3	180.603	1180.222	1172.213	1172.717	1171.709	R[22]
G	4	269.114	1102.172	1064.153	1054.661	1093.659	G[21]
K	5	273.161	1073.062	1055.052	1006.155	1065.148	K[20]
G	6	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	330.183	961.103	973.094	973.596	972.590	G[18]
K	8	394.230	952.592	944.583	945.087	944.079	K[17]
G	9	422.741	888.545	880.536	881.040	880.032	G[16]
L	10	479.293	860.036	852.027	852.529	851.521	L[15]
G	11	507.794	803.492	795.483	795.987	794.979	G[14]
K	12	571.841	774.982	766.972	767.476	766.468	K[13]
G	13	600.352	710.934	702.925	703.429	702.421	G[12]
G	14	628.863	682.423	674.414	674.918	673.910	G[11]
A	15	664.361	653.913	645.903	646.407	645.399	A[10]
R	16	702.409	618.369	610.360	610.864	609.856	R[9]
R	17	806.479	554.341	546.331	546.841	545.833	R[8]
H	18	875.009	476.200	468.191	468.701	467.783	H[7]
R	19	953.059	407.767	399.757	400.261	399.253	R[6]
K	20	1031.122	329.716	321.707	322.211	321.203	K[5]
V	21	1080.657	251.663	243.653	244.147	243.140	V[4]
L	22	1117.199	202.119	194.109	194.613	193.605	L[3]
R	23	1215.249	145.577	137.567	138.071	137.063	R[2]
D	24	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl}VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=131.28
- ▶ F113280.dat
- ▶ query=q47595_p1
- ▶ precursor=637.131900
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2545.502	2529.483	0.000	2528.476	S[24]
G[2]	204.098	2416.460	2400.441	0.000	2399.433	G[23]
R[3]	360.199	2399.438	2383.419	2344.427	2342.412	R[22]
G[4]	417.220	2203.377	2187.358	2188.326	2186.310	G[21]
K[5]	945.315	2146.316	2130.297	2131.305	2129.289	K[20]
G[6]	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G[7]	659.358	1961.159	1945.140	1946.188	1944.172	G[18]
K[8]	787.453	1904.179	1888.159	1889.167	1887.151	K[17]
G[9]	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L[10]	927.559	1729.061	1713.043	1714.050	1712.035	L[15]
Q[11]	1014.580	1605.977	1589.958	1590.966	1588.951	Q[14]
K[12]	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G[13]	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G[14]	1296.718	1363.839	1347.821	1348.828	1346.813	G[11]
A[15]	1327.755	1306.818	1290.799	1291.807	1289.791	A[10]
R[16]	1456.850	1235.781	1219.762	1220.770	1218.755	R[9]
R[17]	1611.951	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1749.010	951.585	935.566	936.574	934.558	H[7]
R[19]	1905.111	814.526	798.507	799.515	797.499	R[6]
K[20]	2061.238	658.425	642.406	643.414	641.398	K[5]
V[21]	2160.306	502.366	486.346	487.357	485.342	V[4]
L[22]	2273.369	463.299	447.279	448.288	446.271	L[3]
R[23]	2429.491	290.146	274.127	275.135	273.119	R[2]
D[24]	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=131.28
- ▶ F113280.dat
- ▶ query=q47595_p1
- ▶ precursor=637.131900
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1273.255	1266.245	0.504	1264.741	S[24]
G	2	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R	3	180.603	1180.223	1172.713	1172.717	1171.709	R[22]
G	4	259.114	1102.172	1094.163	1094.667	1093.659	G[21]
K	5	273.153	1073.661	1065.652	1066.156	1065.148	K[20]
G	6	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	330.183	981.103	973.094	973.598	972.590	G[18]
K	8	394.230	952.592	944.583	945.087	944.079	K[17]
G	9	422.741	898.545	890.536	891.040	890.032	G[16]
L	10	479.293	860.036	852.026	852.529	851.521	L[15]
G	11	507.794	803.482	795.483	795.987	794.979	G[14]
K	12	571.841	774.982	766.972	767.476	766.468	K[13]
G	13	600.352	710.934	702.925	703.429	702.421	G[12]
G	14	628.863	682.423	674.414	674.918	673.910	G[11]
A	15	694.381	653.913	645.903	646.407	645.399	A[10]
R	16	728.429	618.394	610.385	610.889	609.881	R[9]
R	17	806.479	554.347	546.337	546.841	545.833	R[8]
H	18	875.009	476.290	468.280	468.781	467.783	H[7]
R	19	953.059	407.767	399.757	400.261	399.253	R[6]
K	20	1031.122	329.716	321.707	322.211	321.203	K[5]
V	21	1080.657	251.663	243.653	244.157	243.149	V[4]
L	22	1137.199	202.119	194.109	194.613	193.605	L[3]
R	23	1215.249	145.577	137.567	138.071	137.063	R[2]
D	24	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=131.28
- ▶ F113280.dat
- ▶ query=q47595.p1
- ▶ precursor=637.131900
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.897	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
Q[9]	282.163	592.699	587.360	587.696	587.024	Q[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.146	214.807	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.67
- ▶ F113280.dat
- ▶ query=q48145.p1
- ▶ precursor=370.507640
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2587.512	2571.494	0.000	2570.498	S[24]
G	2	204.098	2338.470	2342.451	0.000	2341.444	G[23]
R	3	350.199	2301.440	2305.430	2300.438	2304.422	R[22]
G	4	417.220	2245.948	2229.329	2230.337	2226.321	G[21]
K	5	545.315	2188.526	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	707.453	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	957.559	1763.072	1747.053	1748.061	1746.045	L[15]
G	11	1014.580	1647.985	1631.960	1632.977	1630.961	G[14]
K	12	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.735	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1487.861	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1653.984	1197.666	1191.667	1192.675	1190.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2315.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	290.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.67
- ▶ F113280.dat
- ▶ query=q48145_p1
- ▶ precursor=370.507640
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1204.260	1286.251	0.904	1285.747	S[24]
G[2]	102.553	1220.739	1221.729	0.904	1221.225	G[23]
R[3]	180.603	1280.238	1193.219	1193.723	1242.715	R[22]
G[4]	209.114	1323.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.161	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.108	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	422.741	958.550	961.541	962.045	961.037	G[16]
L[10]	479.283	893.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.495	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	657.381	674.918	666.908	667.412	666.405	A[10]
R[16]	749.434	639.399	631.393	631.894	630.886	R[9]
R[17]	827.485	594.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.296	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	251.653	243.643	244.147	243.140	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1291.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.67
- ▶ F113280.dat
- ▶ query=q48145.p1
- ▶ precursor=370.507640
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	883.176	857.830	0.672	857.900	S[24]
G[2]	58.704	820.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	630.393	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.356	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.002	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.941	267.276	266.605	R[6]
K[20]	701.754	220.140	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=47.67
- ▶ F113280.dat
- ▶ query=q48145.p1
- ▶ precursor=370.507640
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.755	643.177	S[24]
G[2]	51.780	615.373	611.368	0.755	611.116	G[23]
R[3]	60.805	601.110	597.113	597.365	596.861	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	459.270	451.274	451.526	451.022	G[16]
L[10]	280.148	441.023	437.019	437.271	436.767	L[15]
G[11]	254.403	413.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	366.473	362.469	362.721	362.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.363	333.359	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	277.877	273.672	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	487.536	204.387	200.382	200.634	200.130	R[6]
K[20]	426.568	169.362	165.357	165.609	165.105	K[5]
V[21]	551.335	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=47.67
- ▶ F113280.dat
- ▶ query=q48145.p1
- ▶ precursor=370.507640
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	518.506	515.105	0.806	514.903	S[24]
G[2]	41.625	492.500	489.296	0.806	489.095	G[23]
R[3]	72.846	491.090	477.892	478.093	477.690	R[22]
G[4]	84.250	449.875	446.672	446.873	446.470	G[21]
K[5]	109.869	438.471	435.267	435.469	435.066	K[20]
G[6]	121.273	412.852	409.648	409.850	409.447	G[19]
G[7]	132.677	401.448	398.244	398.446	398.042	G[18]
K[8]	158.296	390.043	386.840	387.041	386.638	K[17]
G[9]	169.701	384.526	381.223	381.422	381.019	G[16]
L[10]	192.318	383.020	349.816	350.018	349.615	L[15]
G[11]	203.722	330.403	327.200	327.401	326.998	G[14]
K[12]	229.341	318.999	315.796	315.997	315.594	K[13]
G[13]	240.745	293.380	290.176	290.378	289.975	G[12]
G[14]	252.149	281.976	278.772	278.974	278.570	G[11]
A[15]	266.357	270.572	267.368	267.569	267.166	A[10]
K[16]	300.378	256.364	253.160	253.362	252.959	K[9]
R[17]	331.598	222.343	219.139	219.341	218.938	R[8]
H[18]	359.010	191.123	187.919	188.121	187.717	H[7]
R[19]	380.230	163.711	160.507	160.709	160.306	R[6]
K[20]	421.455	132.491	129.287	129.489	129.085	K[5]
V[21]	441.269	101.265	98.062	98.263	97.860	V[4]
L[22]	463.886	81.452	78.248	78.450	78.047	L[3]
R[23]	495.106	58.835	55.631	55.833	55.430	R[2]
D[24]	518.112	27.615	24.411	24.613	24.209	D[1]

sp | P62806 | H4_MOUSE

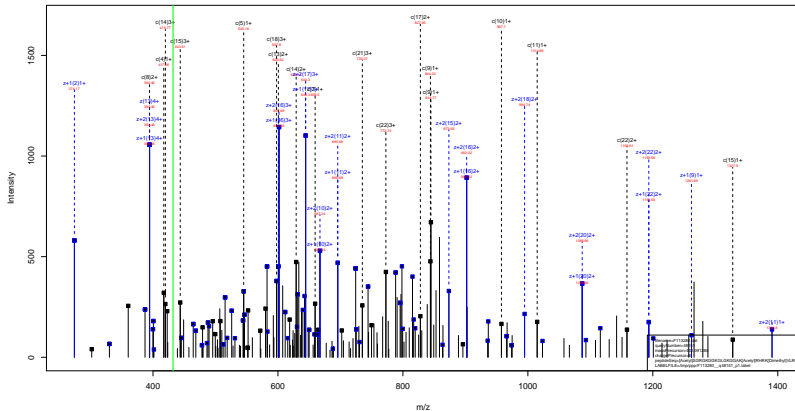
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=47.67
- ▶ F113280.dat
- ▶ query=q48145.p1
- ▶ precursor=370.507640
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	25.352	432.092	429.422	0.839	429.254	S[24]
G[2]	34.856	401.584	407.915	0.839	407.747	G[23]
R[3]	60.873	401.081	398.411	398.579	398.243	R[22]
G[4]	70.376	375.064	372.394	372.562	372.226	G[21]
K[5]	91.725	365.560	362.891	363.059	362.723	K[20]
G[6]	101.229	344.211	341.541	341.709	341.374	G[19]
G[7]	110.732	334.708	332.038	332.206	331.870	G[18]
K[8]	132.082	325.204	322.534	322.702	322.366	K[17]
G[9]	141.585	303.895	301.225	301.393	301.047	G[16]
L[10]	150.433	294.351	291.681	291.850	291.514	L[15]
G[11]	169.936	275.504	272.834	273.002	272.666	G[14]
K[12]	191.285	266.000	263.331	263.499	263.163	K[13]
G[13]	200.789	244.651	241.981	242.149	241.814	G[12]
G[14]	210.292	235.148	232.478	232.646	232.310	G[11]
A[15]	222.132	225.644	222.974	223.142	222.806	A[10]
K[16]	250.483	213.805	211.135	211.303	210.967	K[9]
R[17]	276.500	185.454	182.784	182.952	182.616	R[8]
H[18]	299.343	159.437	156.767	156.935	156.599	H[7]
R[19]	325.360	136.594	133.924	134.092	133.756	R[6]
K[20]	351.381	110.577	107.907	108.075	107.739	K[5]
V[21]	367.892	84.556	81.886	82.054	81.718	V[4]
L[22]	386.740	68.044	65.374	65.543	65.207	L[3]
R[23]	412.756	49.197	46.527	46.695	46.359	R[2]
D[24]	431.928	23.180	20.510	20.678	20.342	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.33
- ▶ F113280.dat
- ▶ query=q48151_p1
- ▶ precursor=432.091280
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2507.513	2571.494	0.000	2570.486	S	24
G	2	204.098	2458.470	2442.451	0.000	2441.444	G	23
R	3	360.199	2401.449	2385.430	2380.430	2384.422	R	22
G	4	417.230	2345.340	2229.320	2230.337	2228.321	G	21
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K	20
G	6	602.357	2060.231	2044.210	2045.220	2043.205	G	19
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G	18
K	8	787.453	1946.189	1930.170	1931.177	1929.162	K	17
G	9	844.475	1818.093	1802.075	1801.082	1801.080	G	16
L	10	957.559	1763.072	1746.053	1746.061	1744.045	L	15
G	11	1014.580	1547.985	1531.966	1532.977	1530.961	G	14
K	12	1142.675	1590.969	1574.948	1575.955	1573.940	K	13
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G	12
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G	11
A	15	1327.755	1348.828	1332.810	1331.818	1331.802	A	10
R	16	1407.883	1277.791	1261.773	1262.780	1260.765	R	9
R	17	1653.962	1107.680	1051.667	1002.675	1090.659	R	8
H	18	1791.021	951.585	935.566	936.574	934.558	H	7
R	19	1947.122	814.526	798.507	799.515	797.499	R	6
K	20	2103.248	658.425	642.406	643.414	641.398	K	5
V	21	2202.317	502.290	486.280	487.287	485.272	V	4
L	22	2315.401	403.230	387.211	388.219	386.203	L	3
R	23	2471.502	280.140	274.127	275.135	273.119	R	2
D	24	2586.529	134.045	118.020	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.33
- ▶ F113280.dat
- ▶ query=q48151_p1
- ▶ precursor=432.091280
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1236.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1231.729	0.504	1221.229	G[23]
K[3]	180.603	1201.228	1193.219	1193.723	1192.715	K[22]
G[4]	269.114	1123.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.161	1094.067	1086.657	1087.161	1085.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.283	861.040	853.031	853.534	852.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.919	666.908	667.412	666.404	A[10]
K[16]	749.434	639.399	631.390	631.894	630.886	K[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.200	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.126	329.716	321.707	322.211	321.203	K[5]
V[21]	1107.660	251.663	243.653	244.147	243.140	V[4]
L[22]	1158.204	202.132	194.123	194.617	193.609	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.33
- ▶ F113280.dat
- ▶ query=q48151.p1
- ▶ precursor=432.091280
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.830	0.672	857.920	S[24]
G[2]	58.704	820.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.111	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.070	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.729	K[17]
G[9]	282.163	629.793	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.356	582.692	582.020	L[15]
G[11]	338.865	550.001	544.651	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.140	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=76.33
- ▶ F113280.dat
- ▶ query=q48151_p1
- ▶ precursor=432.091280
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.620	0.755	643.377	S[24]
G[2]	51.780	615.373	611.360	0.755	611.116	G[23]
R[3]	90.805	601.118	597.111	597.365	596.861	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	473.048	469.043	469.295	468.791	G[16]
L[10]	280.148	441.023	437.019	437.271	436.767	L[15]
G[11]	254.403	417.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	366.473	362.469	362.721	362.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	277.877	273.872	273.924	273.420	R[8]
H[18]	468.511	238.652	234.647	234.899	234.395	H[7]
R[19]	487.536	204.397	200.392	200.644	200.140	R[6]
K[20]	525.558	165.362	161.357	161.609	161.105	K[5]
V[21]	551.335	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=76.33
- ▶ F113280.dat
- ▶ query=q48151.p1
- ▶ precursor=432.091280
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	518.306	515.105		0.806	514.903 S[24]
G[2]	41.625	492.930	489.296		0.806	489.095 G[23]
R[3]	72.846	481.096	477.892	478.093		477.690 R[22]
G[4]	84.250	449.875	446.672	446.873		446.470 G[21]
K[5]	109.869	438.471	435.267	435.469		435.066 K[20]
G[6]	121.273	412.852	409.648	409.850		409.447 G[19]
G[7]	132.677	401.448	398.244	398.446		398.042 G[18]
K[8]	158.296	390.043	386.840	387.041		386.638 K[17]
G[9]	169.701	384.528	381.324	381.522		381.319 G[16]
L[10]	192.318	353.020	349.816	350.018		349.615 L[15]
G[11]	203.722	330.403	327.200	327.401		326.998 G[14]
K[12]	229.341	318.999	315.796	315.997		315.594 K[13]
G[13]	240.745	293.380	290.176	290.378		289.975 G[12]
G[14]	252.149	281.976	278.772	278.974		278.570 G[11]
A[15]	266.357	270.572	267.368	267.569		267.166 A[10]
K[16]	300.378	256.364	253.160	253.362		252.959 K[9]
R[17]	331.598	222.343	219.139	219.341		218.938 R[8]
H[18]	359.010	191.123	187.919	188.121		187.717 H[7]
R[19]	390.230	163.711	160.507	160.709		160.306 R[6]
K[20]	421.455	132.491	129.287	129.489		129.085 K[5]
V[21]	441.269	101.265	98.062	98.263		97.860 V[4]
L[22]	463.886	81.452	78.248	78.450		78.047 L[3]
R[23]	495.106	58.835	55.631	55.833		55.430 R[2]
D[24]	518.112	27.615	24.411	24.613		24.209 D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRKVL^{Dimethyl} D_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.05
- ▶ F113280.dat
- ▶ query=q48155.p1
- ▶ precursor=432.091510
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	167.076	2587.513	2571.494	0.000	2570.480	S[24]
G[2]	224.298	2438.470	2442.451	0.000	2441.444	G[23]
T[3]	306.199	2302.449	2308.430	2389.438	2384.422	T[22]
G[4]	417.220	2245.345	2229.329	2230.337	2228.321	G[21]
K[5]	545.315	2188.328	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K[8]	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1838.093	1802.075	1803.082	1801.067	G[16]
L[10]	957.559	1763.072	1745.053	1746.061	1744.045	L[15]
G[11]	1014.580	1647.985	1631.969	1632.977	1630.961	G[14]
K[12]	1142.675	1590.908	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1327.755	1348.829	1332.810	1333.818	1331.802	A[10]
K[16]	1407.881	1277.791	1261.772	1262.780	1260.765	K[9]
R[17]	1653.952	1197.686	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	991.585	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2075.217	658.425	642.406	643.414	641.398	K[5]
V[21]	2174.285	530.330	514.311	515.319	513.303	V[4]
L[22]	2287.369	431.261	415.243	416.250	414.235	L[3]
L[23]	2473.862	316.177	302.158	303.166	301.151	L[2]
D[24]	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRKVL^{Dimethyl}D_{42.01} 28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.05
- ▶ F113280.dat
- ▶ query=q48155_p1
- ▶ precursor=432.091510
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1294.260	1288.251	0.504	1285.747	S[24]
G	2	102.553	1229.739	1221.729	0.504	1221.229	G[23]
R	3	180.063	1201.238	1193.228	1193.728	1192.715	R[22]
G	4	269.113	1173.737	1115.168	1115.672	1114.664	G[21]
K	5	273.151	1094.667	1086.657	1087.151	1086.153	K[20]
G	6	301.819	1030.619	1022.619	1023.114	1022.108	G[19]
G	7	330.183	1002.108	994.099	994.603	993.599	G[18]
K	8	394.230	973.598	965.588	966.092	965.084	K[17]
G	9	422.741	909.550	901.540	902.045	901.037	G[16]
L	10	475.233	893.040	873.030	873.534	872.526	L[15]
G	11	507.794	824.498	816.488	816.992	815.984	G[14]
K	12	571.841	795.987	787.977	788.481	787.474	K[13]
G	13	600.352	731.939	723.930	724.434	723.426	G[12]
G	14	628.863	703.429	695.419	695.923	694.915	G[11]
A	15	664.381	674.918	666.908	667.412	666.404	A[10]
R	16	748.434	619.399	631.390	631.894	630.886	R[9]
R	17	827.485	554.347	546.337	546.841	545.833	R[8]
H	18	896.014	476.295	468.287	468.791	467.783	H[7]
R	19	974.065	407.767	399.757	400.261	399.253	R[6]
K	20	1038.112	329.716	321.707	322.211	321.203	K[5]
V	21	1087.665	265.666	267.660	268.163	267.155	V[4]
L	22	1144.193	216.134	208.124	209.629	207.621	L[3]
R	23	1236.255	159.592	151.581	152.087	151.079	R[2]
D	24	1293.788	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRKVL^{Dimethyl}D^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.05
- ▶ F113280.dat
- ▶ query=q48155.p1
- ▶ precursor=432.091510
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	303.176	857.830	0.672	857.500	S[24]
G[2]	58.704	820.162	814.822	0.672	814.486	G[23]
R[3]	150.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.958	597.695	582.356	582.692	582.020	L[15]
G[11]	338.965	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	692.410	220.140	214.807	215.143	214.471	K[5]
V[21]	725.433	177.448	172.109	172.444	171.773	V[4]
L[22]	763.128	144.425	139.086	139.422	138.750	L[3]
R[23]	824.505	106.731	101.391	101.727	101.055	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRKVL^{Dimethyl}D^{28.03}_{42.01}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.05
- ▶ F113280.dat
- ▶ query=q48155.p1
- ▶ precursor=432.091510
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.755	0.433	S[24]
G[2]	51.780	615.373	611.368	0.755	0.116	G[23]
R[3]	90.805	601.118	597.113	597.365	596.061	R[22]
G[4]	105.061	562.092	558.088	550.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	459.279	451.274	451.526	451.022	G[16]
L[10]	280.148	441.023	437.019	437.271	436.767	L[15]
G[11]	294.403	417.752	408.748	409.000	408.496	G[14]
K[12]	298.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	366.473	362.469	362.721	362.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	418.246	277.877	273.872	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	487.536	204.397	200.382	200.634	200.130	R[6]
K[20]	419.569	185.362	181.357	181.609	181.105	K[5]
V[21]	544.327	133.138	129.133	129.385	129.081	V[4]
L[22]	572.598	108.571	104.566	104.818	104.314	L[3]
R[23]	618.631	80.300	76.295	76.547	76.043	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

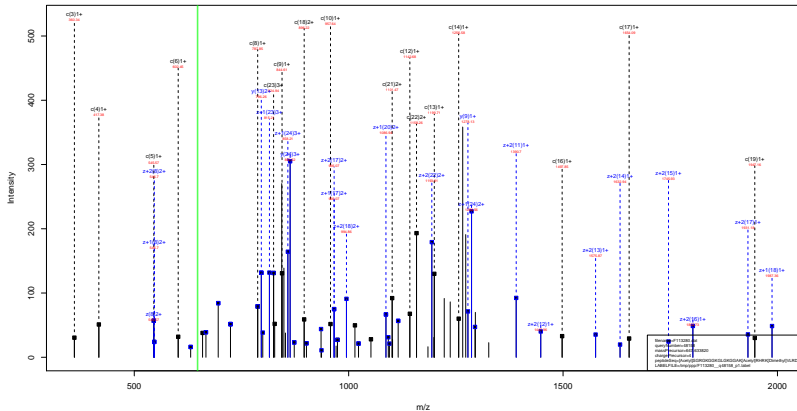
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRKVL^{Dimethyl}D_{42.01}_{28.03}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=54.05
- ▶ F113280.dat
- ▶ query=q48155.p1
- ▶ precursor=432.091510
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	318.306	515.105	0.806	514.903	S[24]
G[2]	41.625	492.500	489.298	0.806	489.095	G[23]
R[3]	72.846	481.096	477.892	478.093	477.690	R[22]
G[4]	84.250	449.875	446.672	446.873	446.470	G[21]
K[5]	109.869	438.471	435.267	435.469	435.066	K[20]
G[6]	121.273	412.852	409.649	409.850	409.447	G[19]
G[7]	132.677	401.448	398.244	398.446	398.042	G[18]
K[8]	158.296	390.043	386.840	387.041	386.638	K[17]
G[9]	169.701	384.528	381.323	381.522	381.119	G[16]
L[10]	192.318	353.020	349.816	350.018	349.615	L[15]
G[11]	203.722	330.403	327.200	327.401	326.998	G[14]
K[12]	229.341	318.999	315.795	315.997	315.594	K[13]
G[13]	240.745	293.380	290.176	290.378	289.975	G[12]
G[14]	252.149	281.976	278.772	278.974	278.570	G[11]
A[15]	266.357	270.572	267.368	267.569	267.166	A[10]
K[16]	300.378	256.364	253.160	253.362	252.959	K[9]
R[17]	331.598	222.343	219.139	219.341	218.938	R[8]
H[18]	359.010	191.123	187.919	188.121	187.717	H[7]
R[19]	390.230	163.711	160.507	160.709	160.306	R[6]
K[20]	415.849	132.491	129.287	129.489	129.085	K[5]
V[21]	435.663	106.872	103.668	103.870	103.466	V[4]
L[22]	458.280	87.058	83.854	84.056	83.653	L[3]
R[23]	495.106	64.441	61.238	61.439	61.036	R[2]
D[24]	518.112	27.615	24.411	24.613	24.209	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl}RHRK ^{Dimethyl}VLRD
42.01 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=110.01
- ▶ F113280.dat
- ▶ query=q48158_p1
- ▶ precursor=647.633820
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	360.199	2401.440	2385.430	2388.438	2384.422	R[22]
G	4	417.220	2345.340	2229.330	2230.337	2228.321	G[21]
K	5	545.315	2185.320	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.181	G[18]
K	8	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	927.559	1761.072	1745.053	1746.061	1744.045	L[15]
Q	11	1014.580	1647.985	1631.969	1632.977	1630.961	Q[14]
K	12	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.821	G[11]
A	15	1427.737	1348.829	1332.810	1333.818	1331.802	A[10]
R	16	1497.861	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1653.962	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.217	502.366	486.348	487.357	485.342	V[4]
L	22	2315.403	463.330	447.311	448.319	446.303	L[3]
R	23	2471.502	290.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=110.01
- ▶ F113280.dat
- ▶ query=q48158_p1
- ▶ precursor=647.633820
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	74.642	1294.260	1286.251	0.504	1285.747	S[24]
G	2	102.553	1229.730	1221.720	0.504	1221.225	G[23]
R	3	180.603	1201.226	1193.217	1193.723	1192.715	R[22]
G	4	269.114	1123.177	1115.168	1115.672	1114.664	G[21]
K	5	273.101	1094.667	1086.657	1087.161	1086.153	K[20]
G	6	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	330.183	1002.106	994.099	994.603	993.595	G[18]
K	8	394.230	973.598	965.588	966.092	965.084	K[17]
G	9	422.741	909.550	901.541	902.045	901.037	G[16]
L	10	479.203	861.040	873.030	873.534	872.526	L[15]
Q	11	507.794	824.498	816.488	816.992	815.984	Q[14]
K	12	571.841	795.987	787.977	788.481	787.474	K[13]
G	13	600.352	731.939	723.930	724.434	723.426	G[12]
G	14	628.863	703.429	695.419	695.923	694.915	G[11]
A	15	664.301	674.918	666.908	667.412	666.404	A[10]
R	16	708.234	636.399	631.390	631.894	630.886	R[9]
R	17	827.485	554.341	546.337	546.841	545.833	R[8]
H	18	896.014	476.200	468.187	468.701	467.783	H[7]
R	19	974.065	407.767	399.757	400.261	399.253	R[6]
K	20	1052.128	329.716	321.707	322.211	321.203	K[5]
V	21	1101.662	251.663	243.653	244.147	243.140	V[4]
L	22	1158.204	202.119	194.108	194.613	193.605	L[3]
R	23	1236.255	145.577	137.567	138.071	137.063	R[2]
D	24	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

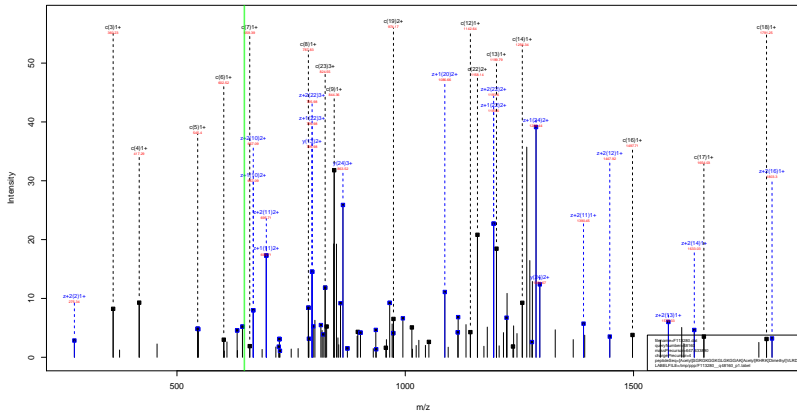
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=110.01
- ▶ F113280.dat
- ▶ query=q48158.p1
- ▶ precursor=647.633820
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.900	S[24]
G[2]	58.704	820.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.958	587.695	582.355	582.692	582.020	L[15]
G[11]	338.965	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.896	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.941	267.176	266.505	R[6]
K[20]	701.754	220.140	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.768	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl} RHRK ^{Dimethyl} VLRD
 42.01 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=78.76
- ▶ F113280.dat
- ▶ query=q48160_p1
- ▶ precursor=647.633890
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2587.513	2571.494	0.000	2570.486	S[24]
G[2]	204.008	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	368.199	2401.440	2385.430	2386.438	2384.422	R[22]
G[4]	417.230	2245.346	2229.330	2230.337	2228.321	G[21]
K[5]	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.210	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K[8]	787.453	1946.180	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L[10]	937.559	1761.072	1745.053	1746.061	1744.045	L[15]
G[11]	1014.580	1647.958	1631.939	1632.977	1630.961	G[14]
K[12]	1142.675	1590.956	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1527.738	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1497.861	1277.791	1261.773	1262.780	1260.765	R[9]
R[17]	1653.962	1107.688	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.405	643.414	641.398	K[5]
V[21]	2202.317	502.368	486.350	487.357	485.272	V[4]
L[22]	2315.401	403.239	387.211	388.219	386.203	L[3]
R[23]	2471.502	290.146	274.127	275.135	273.119	R[2]
D[24]	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=78.76
- ▶ F113280.dat
- ▶ query=q48160_p1
- ▶ precursor=647.633890
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.251	0.504	1289.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
K[3]	180.603	1201.229	1193.219	1193.723	1192.715	K[22]
G[4]	259.114	1123.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.153	1094.667	1086.657	1087.161	1085.151	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	869.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.498	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.919	666.908	667.412	666.404	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.290	468.280	468.784	467.776	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.655	251.663	243.653	244.157	243.149	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=78.76
- ▶ F113280.dat
- ▶ query=q48160.p1
- ▶ precursor=647.633890
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	58.704	820.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.355	582.691	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.146	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Dimethyl}VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=136.22
- ▶ F113280.dat
- ▶ query=q48162_p1
- ▶ precursor=647.633950
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2597.513	2971.464	0.000	2570.486	S[24]
G[2]	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	360.199	2401.449	2385.430	2386.438	2384.422	R[22]
G[4]	417.220	2345.348	2229.320	2230.317	2228.311	G[21]
K[5]	545.315	2188.320	2172.301	2173.315	2171.305	K[20]
G[6]	602.337	2060.291	2044.272	2045.290	2043.205	G[19]
G[7]	659.358	2003.210	1987.190	1988.199	1986.181	G[18]
K[8]	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.091	1802.075	1803.082	1801.067	G[16]
L[10]	957.559	1793.072	1745.053	1746.061	1744.045	L[15]
Q[11]	1014.580	1647.988	1631.969	1632.977	1630.961	Q[14]
K[12]	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1327.755	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1407.861	1277.793	1261.774	1262.782	1260.765	R[9]
R[17]	1653.962	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.406	643.414	641.398	K[5]
V[21]	2202.217	602.366	486.388	487.397	485.272	V[4]
L[22]	2315.403	493.320	387.211	388.219	386.203	L[3]
R[23]	2471.502	390.148	274.127	275.135	273.119	R[2]
D[24]	2586.529	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=136.22
- ▶ F113280.dat
- ▶ query=q48162.p1
- ▶ precursor=647.633950
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.251	0.504	1289.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
K[3]	180.603	1261.228	1191.719	1193.723	1192.715	K[22]
G[4]	259.114	1123.777	1115.108	1115.672	1119.666	G[21]
K[5]	273.153	1094.667	1085.657	1097.151	1086.153	K[20]
G[6]	303.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.599	965.588	966.092	965.084	K[17]
G[9]	422.741	959.560	901.541	902.045	901.037	G[16]
L[10]	479.293	893.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.468	816.468	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.919	666.908	667.412	666.404	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.296	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	251.653	243.643	244.147	243.140	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=136.22
- ▶ F113280.dat
- ▶ query=q48162.p1
- ▶ precursor=647.633950
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.503	S[24]
G[2]	68.704	820.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.793	601.453	601.789	601.127	G[16]
L[10]	319.838	587.895	582.556	582.892	582.220	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	399.900	394.561	394.896	394.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	223.346	218.007	218.343	217.671	K[5]
V[21]	754.777	198.104	192.765	193.101	192.429	V[4]
L[22]	772.472	135.982	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=70.52
- ▶ F113280.dat
- ▶ query=q48165_p1
- ▶ precursor=518.308810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2597.513	2971.464	0.000	2570.486	S[24]
G[2]	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	360.199	2401.449	2385.430	2386.438	2384.422	R[22]
G[4]	417.220	2345.448	2229.329	2230.337	2228.321	G[21]
K[5]	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K[8]	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.091	1802.073	1803.082	1801.067	G[16]
L[10]	927.559	1793.072	1743.053	1746.061	1744.046	L[15]
Q[11]	1014.580	1647.985	1631.969	1632.977	1630.961	Q[14]
K[12]	1142.675	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1327.755	1348.828	1332.810	1333.818	1331.802	A[10]
K[16]	1407.851	1277.741	1261.723	1262.730	1260.715	K[9]
R[17]	1653.962	1107.686	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1967.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.406	643.414	641.399	K[5]
V[21]	2202.217	602.368	486.280	487.287	485.272	V[4]
L[22]	2315.403	493.320	387.211	388.219	386.203	L[3]
R[23]	2471.502	390.148	274.127	275.135	273.119	R[2]
D[24]	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=70.52
- ▶ F113280.dat
- ▶ query=q48165.p1
- ▶ precursor=518.308810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1294.260	1286.251	0.504	1285.747	S[24]
G	2	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R	3	180.603	1201.229	1193.219	1193.723	1192.715	R[22]
G	4	259.114	1123.177	1115.168	1115.972	1114.666	G[21]
K	5	273.161	1094.667	1086.657	1087.161	1086.151	K[20]
G	6	303.672	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	330.183	1002.108	994.099	994.603	993.595	G[18]
K	8	394.230	973.599	965.588	966.092	965.084	K[17]
G	9	422.741	959.550	901.541	902.045	901.037	G[16]
L	10	479.293	899.040	873.030	873.534	872.526	L[15]
G	11	507.794	824.498	816.488	816.992	815.984	G[14]
K	12	571.841	795.987	787.977	788.481	787.474	K[13]
G	13	600.352	731.939	723.930	724.434	723.426	G[12]
G	14	628.863	703.429	695.419	695.923	694.915	G[11]
A	15	664.381	674.918	666.908	667.412	666.405	A[10]
R	16	749.434	639.399	631.390	631.894	630.886	R[9]
R	17	827.485	554.347	546.337	546.841	545.833	R[8]
H	18	896.014	476.290	468.287	468.791	467.783	H[7]
R	19	974.065	407.767	399.757	400.261	399.253	R[6]
K	20	1052.128	329.716	321.707	322.211	321.203	K[5]
V	21	1101.662	251.663	243.653	244.157	243.149	V[4]
L	22	1158.204	202.119	194.109	194.613	193.605	L[3]
R	23	1236.255	145.577	137.567	138.071	137.063	R[2]
D	24	1293.708	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=70.52
- ▶ F113280.dat
- ▶ query=q48165.p1
- ▶ precursor=518.308810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	58.704	320.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
C[9]	282.163	606.703	601.363	601.699	601.027	C[16]
L[10]	319.858	587.695	582.356	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.002	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.140	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

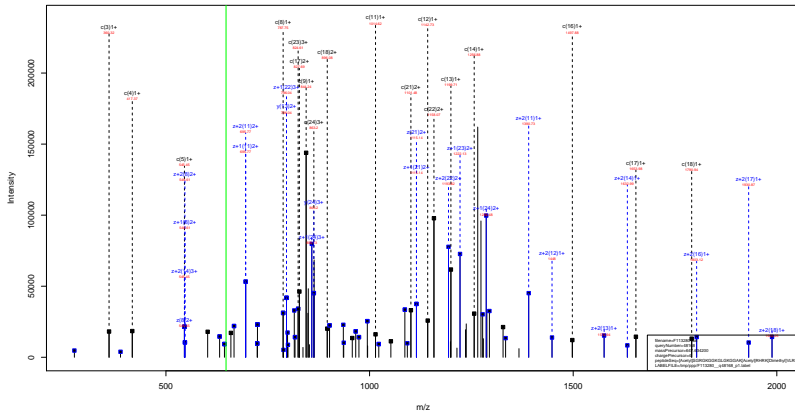
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=70.52
- ▶ F113280.dat
- ▶ query=q48165.p1
- ▶ precursor=518.308810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.755	643.177	S[24]
G[2]	51.780	615.373	611.368	0.755	611.116	G[23]
R[3]	60.805	601.118	597.113	597.365	596.861	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	459.279	455.274	455.526	455.022	G[16]
L[10]	280.148	441.023	437.019	437.271	436.767	L[15]
G[11]	254.403	417.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	366.473	362.469	362.721	362.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	277.877	273.672	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	487.536	204.387	200.382	200.634	200.130	R[6]
K[20]	526.568	165.362	161.357	161.609	161.105	K[5]
V[21]	551.335	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=134.56
- ▶ F113280.dat
- ▶ query=q48168_p1
- ▶ precursor=647.634200
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	347.676	2587.513	2571.494	0.000	2570.486	S[24]
G[2]	204.008	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	368.199	2401.440	2385.430	2386.438	2384.422	R[22]
G[4]	417.230	2245.346	2229.330	2230.337	2228.321	G[21]
K[5]	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2080.231	2044.210	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K[8]	787.453	1946.180	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L[10]	927.559	1763.072	1746.053	1748.061	1744.045	L[15]
G[11]	1014.580	1647.958	1631.900	1632.977	1630.961	G[14]
K[12]	1142.675	1590.959	1574.948	1575.955	1573.940	K[13]
G[13]	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1327.756	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1407.881	1277.791	1261.773	1263.780	1260.765	R[9]
R[17]	1653.962	1137.688	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.589	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.538	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.406	643.414	641.398	K[5]
V[21]	2202.317	502.368	486.350	487.357	485.272	V[4]
L[22]	2319.401	403.239	387.211	388.219	386.203	L[3]
R[23]	2471.502	290.140	274.127	275.135	273.119	R[2]
D[24]	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=134.56
- ▶ F113280.dat
- ▶ query=q48168.p1
- ▶ precursor=647.634200
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1294.260	1286.251	0.504	1289.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
K[3]	180.603	1201.229	1191.719	1193.723	1192.715	K[22]
G[4]	259.114	1123.177	1115.168	1115.977	1114.564	G[21]
K[5]	273.153	1094.567	1086.557	1087.161	1085.151	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.100	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.083	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	869.040	871.033	873.024	872.520	L[15]
G[11]	507.794	824.498	816.488	816.992	815.983	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.919	666.908	667.412	666.405	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.296	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	251.653	243.643	244.147	243.140	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

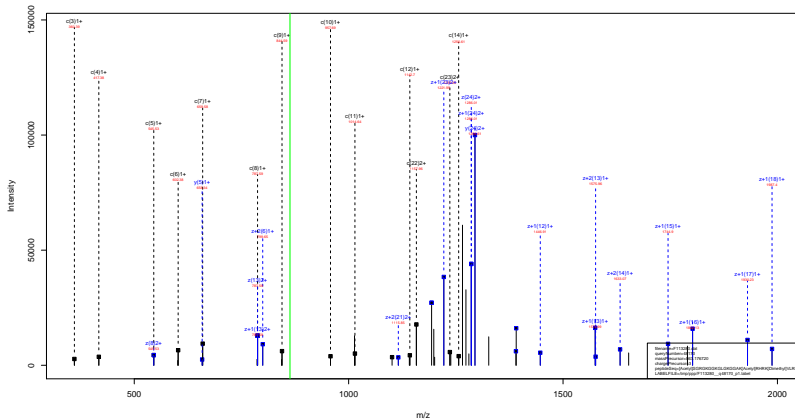
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=134.56
- ▶ F113280.dat
- ▶ query=q48168.p1
- ▶ precursor=647.634200
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836		0.672	857.900 S[24]
G[2]	58.704	820.162	814.822		0.672	814.486 G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.356	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.146	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.25
- ▶ F113280.dat
- ▶ query=q48170_p1
- ▶ precursor=863.176720
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	347.076	2507.513	2571.494	0.000	2570.486	S[24]
G[2]	204.008	2458.470	2442.451	0.000	2441.444	G[23]
R[3]	360.190	2401.440	2385.430	2386.438	2384.422	R[22]
G[4]	417.230	2345.340	2229.320	2230.337	2228.321	G[21]
K[5]	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G[6]	602.337	2060.231	2044.210	2045.220	2043.205	G[19]
G[7]	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K[8]	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G[9]	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L[10]	927.559	1763.072	1745.053	1746.061	1744.045	L[15]
G[11]	1014.580	1647.985	1631.960	1632.977	1630.961	G[14]
K[12]	1142.675	1590.900	1574.948	1575.955	1573.940	K[13]
G[13]	1109.697	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1127.735	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1409.883	1277.791	1261.773	1262.780	1260.765	R[9]
R[17]	1653.962	1107.680	1091.667	1092.675	1090.659	R[8]
H[18]	1791.021	951.585	935.566	936.574	934.558	H[7]
R[19]	1947.122	814.526	798.507	799.515	797.499	R[6]
K[20]	2103.248	658.425	642.405	643.414	641.398	K[5]
V[21]	2202.317	502.290	486.280	487.287	485.272	V[4]
L[22]	2315.401	403.230	387.211	388.219	386.203	L[3]
R[23]	2471.502	290.140	274.127	275.135	273.119	R[2]
D[24]	2586.520	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Dimethyl}VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.25
- ▶ F113280.dat
- ▶ query=q48170_p1
- ▶ precursor=863.176720
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.260	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1201.229	1193.219	1193.723	1192.715	R[22]
G[4]	259.114	1123.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.151	1094.667	1086.657	1087.161	1086.151	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.599	965.588	966.092	965.084	K[17]
G[9]	422.741	959.550	961.541	962.045	961.037	G[16]
L[10]	479.289	893.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.495	816.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	684.381	674.919	666.908	667.412	666.404	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[6]
H[18]	866.014	476.290	468.280	468.784	467.776	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	251.653	243.643	244.147	243.140	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.708	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAKRHRK^(butyryl)_(70.04) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.40
- ▶ F113280.dat
- ▶ query=q48573.p1
- ▶ precursor=439.092350
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2029.523	2613.505	0.000	2612.497	S[24]
G	2	204.098	2500.481	3084.463	0.000	2483.454	G[23]
R	3	360.199	2843.499	3427.441	2428.448	2426.433	R[22]
G	4	417.230	2287.358	2271.339	2272.347	2270.332	G[21]
K	5	545.315	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	602.337	2102.242	2086.223	2087.231	2085.215	G[19]
G	7	659.358	2045.220	2029.202	2030.209	2028.194	G[18]
K	8	829.464	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	896.485	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	939.569	1761.072	1745.053	1746.061	1744.045	L[15]
G	11	1056.591	1647.985	1631.966	1632.977	1630.961	G[14]
K	12	1184.686	1590.965	1574.948	1575.955	1573.940	K[13]
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1369.766	1348.829	1332.810	1333.818	1331.802	A[10]
K	16	1497.861	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1633.862	1149.696	1133.678	1134.685	1132.670	R[8]
H	18	1791.021	993.595	977.577	978.584	976.569	H[7]
R	19	1947.122	856.538	840.519	841.525	839.510	R[6]
K	20	2145.259	700.435	684.416	685.424	683.409	K[5]
V	21	2244.327	502.298	486.280	487.287	485.272	V[4]
L	22	2357.411	403.230	387.211	388.219	386.203	L[3]
R	23	2413.512	290.146	274.127	275.135	273.119	R[2]
D	24	2626.539	134.045	135.050	136.054	137.058	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAKRHRK^(butyryl)_(70.04) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.40
- ▶ F113280.dat
- ▶ query=q48573.p1
- ▶ precursor=439.092350
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.682	1315.265	1307.256	0.504	1308.752	S[24]
G[2]	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R[3]	180.603	1222.233	1214.224	1214.728	1217.720	R[22]
G[4]	259.114	1144.183	1136.173	1136.677	1135.669	G[21]
K[5]	273.161	1115.673	1107.663	1108.167	1099.160	K[20]
G[6]	361.672	1051.625	1043.615	1044.119	1043.111	G[19]
G[7]	330.183	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	415.236	994.603	986.594	987.098	986.590	K[17]
G[9]	443.746	909.550	901.541	902.045	901.037	G[16]
L[10]	503.288	815.040	871.030	871.534	872.526	L[15]
G[11]	528.799	824.498	816.488	816.992	815.984	G[14]
K[12]	592.847	795.987	787.977	788.481	787.474	K[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	649.868	703.429	695.419	695.923	694.915	G[11]
A[15]	685.387	674.918	666.908	667.412	666.404	A[10]
T[16]	749.434	639.399	631.390	631.894	630.886	T[9]
R[17]	827.485	575.352	567.342	567.846	566.839	R[8]
H[18]	896.014	497.301	489.292	489.796	488.789	H[7]
R[19]	974.065	426.772	420.762	421.266	420.259	R[6]
K[20]	1073.133	350.721	342.712	343.216	342.209	K[5]
V[21]	1127.587	251.053	245.043	244.547	243.540	V[4]
L[22]	1179.209	202.119	194.109	194.613	193.606	L[3]
R[23]	1287.260	145.577	137.567	138.071	137.064	R[2]
D[24]	1314.773	87.526	59.537	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAKRHRK^(butyryl)_(70.04) VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.40
- ▶ F113280.dat
- ▶ query=q48573.p1
- ▶ precursor=439.092350
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	877.170	871.843	0.672	871.504	S[24]
G[2]	68.704	834.165	829.839	0.672	829.460	G[23]
R[3]	120.738	815.150	809.818	810.154	809.482	R[22]
G[4]	159.745	763.124	757.785	759.121	757.449	G[21]
K[5]	182.443	744.117	738.778	739.113	738.442	K[20]
G[6]	201.450	701.419	696.079	696.415	695.743	G[19]
G[7]	220.458	682.412	677.072	677.408	676.736	G[18]
K[8]	277.159	663.804	658.065	658.401	657.729	K[17]
G[9]	296.167	606.703	601.363	601.699	601.027	G[16]
L[10]	313.861	587.695	582.356	582.692	582.020	L[15]
G[11]	352.868	530.901	544.561	544.907	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.289	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	383.904	378.564	378.900	378.228	R[8]
H[18]	597.678	331.870	326.530	326.866	326.194	H[7]
R[19]	649.712	286.184	280.844	281.180	280.508	R[6]
K[20]	715.758	234.150	228.810	229.146	228.474	K[5]
V[21]	748.781	198.104	192.764	193.101	192.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAKRHRK^(butyryl)_(70.04) VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.40
- ▶ F113280.dat
- ▶ query=q48573.p1
- ▶ precursor=439.092350
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	87.925	658.136	954.132	0.755	653.880	S[24]
G[2]	51.780	625.876	621.871	0.755	621.619	G[23]
R[3]	50.305	611.620	607.616	607.868	607.354	R[22]
G[4]	105.061	572.595	568.590	568.842	568.131	G[21]
K[5]	137.084	558.340	554.335	554.587	554.083	K[20]
G[6]	151.340	526.316	522.311	522.563	522.059	G[19]
G[7]	165.595	512.061	508.056	508.308	507.804	G[18]
K[8]	208.121	497.805	493.800	494.052	493.549	K[17]
G[9]	222.377	455.279	451.274	451.526	451.022	G[16]
L[10]	250.640	431.023	437.019	437.271	436.767	L[15]
G[11]	284.903	412.752	408.748	409.000	408.496	G[14]
K[12]	296.927	398.497	394.492	394.744	394.240	K[13]
G[13]	311.182	366.473	362.469	362.721	362.217	G[12]
G[14]	325.438	352.218	348.213	348.465	347.961	G[11]
A[15]	343.197	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	288.180	284.175	284.427	283.923	R[8]
H[18]	448.511	249.154	245.150	245.402	244.898	H[7]
R[19]	487.536	214.890	210.885	211.137	210.633	R[6]
K[20]	337.070	175.864	171.860	172.112	171.608	K[5]
V[21]	961.837	126.130	122.125	122.377	122.073	V[4]
L[22]	590.108	101.563	97.558	97.810	97.306	L[3]
R[23]	629.134	73.292	69.287	69.539	69.035	R[2]
D[24]	657.890	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

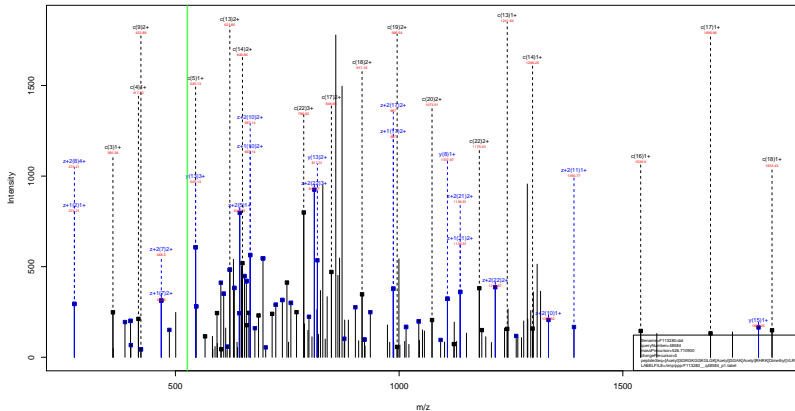
[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAKRHRK^(butyryl)_(70.04) VLRD

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=48.40
- ▶ F113280.dat
- ▶ query=q48573.p1
- ▶ precursor=439.092350
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	526.710	523.507	0.806	523.305	S[24]
G[2]	41.625	500.902	497.698	0.306	497.497	G[23]
R[3]	72.846	489.498	486.294	486.495	486.092	R[22]
G[4]	84.250	458.277	455.074	455.275	454.072	G[21]
K[5]	109.869	446.873	443.669	443.871	443.468	K[20]
G[6]	121.273	421.254	418.050	418.252	417.849	G[19]
G[7]	132.677	409.850	406.646	406.848	406.445	G[18]
K[8]	168.099	398.446	395.242	395.443	395.040	K[17]
G[9]	178.103	384.424	381.221	381.422	381.019	G[16]
L[10]	200.720	353.020	349.816	350.018	349.615	L[15]
G[11]	212.124	339.403	327.200	327.401	326.996	G[14]
K[12]	237.743	318.999	315.795	315.997	315.594	K[13]
G[13]	249.147	293.380	290.176	290.378	289.975	G[12]
G[14]	260.552	281.976	278.772	278.974	278.570	G[11]
A[15]	274.759	270.572	267.368	267.569	267.166	A[10]
K[16]	300.378	256.364	253.160	253.362	252.959	K[9]
R[17]	331.998	230.745	227.541	227.743	227.340	R[8]
H[18]	359.010	199.525	196.321	196.523	196.120	H[7]
R[19]	390.230	172.113	168.909	169.111	168.708	R[6]
K[20]	429.858	140.893	137.689	137.891	137.488	K[5]
V[21]	449.671	103.256	98.962	99.263	97.860	V[4]
L[22]	472.268	81.452	78.248	78.450	78.047	L[3]
R[23]	503.508	58.835	55.631	55.833	55.430	R[2]
D[24]	526.514	27.615	24.411	24.613	24.209	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}GGAK ^{Acetyl}RHRK ^{Dimethyl}VLRD
 42.01 42.01 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.91
- ▶ F113280.dat
- ▶ query=q48584_p1
- ▶ precursor=526.710900
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2629.523	2613.505	0.000	2612.497	S[24]
G	2	204.098	2500.481	2484.462	0.000	2483.454	G[23]
R	3	360.199	2641.450	2427.431	2426.448	2626.433	R[22]
G	4	417.220	2297.564	2271.538	2272.547	2270.535	G[21]
K	5	945.315	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	602.337	2102.342	2086.323	2087.331	2085.315	G[19]
G	7	659.358	2045.220	2029.200	2030.209	2028.194	G[18]
K	8	787.453	1988.199	1972.180	1973.189	1971.172	K[17]
G	9	884.475	1899.124	1884.085	1885.093	1884.077	G[16]
L	10	957.559	1803.082	1787.064	1788.071	1786.056	L[15]
Q	11	1014.580	1689.998	1673.980	1674.987	1672.972	Q[14]
K	12	1184.686	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1241.707	1462.977	1446.953	1447.960	1445.945	G[12]
G	14	1298.729	1405.950	1389.931	1390.939	1388.923	G[11]
A	15	1409.106	1348.926	1332.911	1333.918	1331.902	A[10]
R	16	1539.871	1277.903	1261.773	1262.781	1260.765	R[9]
R	17	1695.973	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1833.031	951.585	935.566	936.574	934.558	H[7]
R	19	1969.133	814.526	798.507	799.515	797.499	R[6]
K	20	2145.250	658.425	642.406	643.414	641.398	K[5]
V	21	2284.327	502.360	486.360	487.367	485.352	V[4]
L	22	2367.413	463.339	387.311	388.319	386.303	L[3]
R	23	2513.512	290.146	274.127	275.135	273.119	R[2]
D	24	2628.539	134.045	136.026	137.034	137.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 GGAK ^{Acetyl}42.01 RHRK ^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.91
- ▶ F113280.dat
- ▶ query=q48584_p1
- ▶ precursor=526.710900
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1315.265	1307.256	0.504	1306.752	S[24]
G	2	102.563	1250.744	1242.735	0.504	1242.231	G[23]
R	3	180.603	1222.233	1219.222	1214.728	1213.720	R[22]
G	4	259.114	1144.183	1136.173	1136.677	1135.669	G[21]
K	5	273.101	1115.672	1107.663	1108.167	1107.159	K[20]
G	6	301.672	1051.625	1043.615	1044.119	1043.111	G[19]
G	7	330.183	1023.114	1015.104	1015.608	1014.601	G[18]
K	8	394.230	994.603	986.594	987.098	986.090	K[17]
G	9	422.741	936.595	922.546	921.050	922.042	G[16]
L	10	419.283	902.045	894.035	894.539	893.532	L[15]
G	11	507.794	845.503	837.493	837.997	836.990	G[14]
K	12	592.847	816.992	808.983	809.487	808.479	K[13]
G	13	621.357	731.939	723.930	724.434	723.426	G[12]
G	14	649.868	703.429	695.419	695.923	694.915	G[11]
A	15	685.387	674.918	666.908	667.412	666.405	A[10]
R	16	778.439	639.399	631.390	631.894	630.886	R[9]
R	17	848.490	554.347	546.337	546.841	545.833	R[8]
H	18	917.019	478.290	468.287	468.791	467.783	H[7]
R	19	995.070	407.707	399.757	400.261	399.253	R[6]
K	20	1073.133	329.716	321.707	322.211	321.203	K[5]
V	21	1122.667	251.653	243.643	244.147	243.140	V[4]
L	22	1179.209	202.119	194.109	194.613	193.605	L[3]
R	23	1257.260	145.577	137.567	138.071	137.063	R[2]
D	24	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}42.01 GGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.91
- ▶ F113280.dat
- ▶ query=q48584.p1
- ▶ precursor=526.710900
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	871.840	0.672	871.904	S[24]
G[2]	58.704	134.165	828.826	0.672	828.490	G[23]
R[3]	120.738	815.158	809.819	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	750.121	757.449	G[21]
K[5]	182.443	744.117	738.778	739.113	738.442	K[20]
G[6]	201.450	701.419	696.079	696.415	695.743	G[19]
G[7]	220.458	682.412	677.072	677.408	676.736	G[18]
K[8]	263.156	663.404	658.065	658.401	657.729	K[17]
G[9]	282.163	620.709	615.367	615.703	615.031	G[16]
L[10]	319.958	601.699	596.357	596.695	596.023	L[15]
G[11]	338.965	504.024	558.665	559.001	558.329	G[14]
K[12]	395.567	544.997	539.658	539.994	539.322	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]
R[17]	565.996	369.900	364.561	364.896	364.225	R[8]
H[18]	611.662	317.866	312.527	312.863	312.191	H[7]
R[19]	663.716	272.180	266.841	267.176	266.505	R[6]
K[20]	715.758	220.140	214.807	215.143	214.471	K[5]
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=69.91
- ▶ F113280.dat
- ▶ query=q48584_p1
- ▶ precursor=526.710900
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	658.136	654.132	0.755	653.880	S[24]
G[2]	51.780	625.976	621.871	0.755	621.619	G[23]
R[3]	90.805	611.620	607.616	607.868	607.364	R[22]
G[4]	105.061	572.595	568.590	568.842	568.338	G[21]
K[5]	137.084	558.340	554.335	554.587	554.083	K[20]
G[6]	151.340	526.316	522.311	522.563	522.059	G[19]
G[7]	165.595	512.061	508.056	508.308	507.804	G[18]
K[8]	197.619	497.805	493.800	494.052	493.549	K[17]
G[9]	211.874	483.550	479.545	479.797	479.293	G[16]
L[10]	240.145	463.326	447.321	447.773	447.269	L[15]
G[11]	254.401	423.255	419.250	419.502	418.998	G[14]
K[12]	296.927	409.000	404.995	405.247	404.743	K[13]
G[13]	311.182	366.473	362.469	362.721	362.217	G[12]
G[14]	325.438	352.218	348.213	348.465	347.961	G[11]
A[15]	343.197	337.963	333.958	334.210	333.706	A[10]
K[16]	385.723	320.203	316.199	316.451	315.947	K[9]
R[17]	424.749	277.677	273.672	273.924	273.420	R[8]
H[18]	459.013	238.652	234.647	234.899	234.395	H[7]
R[19]	498.039	204.387	200.382	200.634	200.130	R[6]
K[20]	537.070	169.362	165.357	165.609	165.105	K[5]
V[21]	561.817	126.130	122.125	122.377	122.073	V[4]
L[22]	580.108	101.563	97.558	97.810	97.306	L[3]
R[23]	629.134	73.292	69.287	69.539	69.035	R[2]
D[24]	657.890	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=82.66
- ▶ F113280.dat
- ▶ query=q48588_p1
- ▶ precursor=658.137210
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2629.523	2613.505	0.000	2612.497	S[24]
G	2	204.008	2500.481	2484.462	0.000	2483.454	G[23]
R	3	360.199	2641.450	2427.431	2426.448	2626.433	R[22]
G	4	417.220	2287.358	2271.339	2272.347	2270.331	G[21]
K	5	945.115	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	602.337	2102.343	2086.323	2087.331	2085.315	G[19]
G	7	659.358	2045.220	2029.200	2030.209	2028.194	G[18]
K	8	787.453	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	844.475	1860.104	1844.085	1845.093	1843.077	G[16]
L	10	907.519	1803.082	1787.064	1788.071	1786.056	L[15]
Q	11	1014.580	1685.998	1673.980	1674.987	1672.972	Q[14]
K	12	1184.686	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1369.766	1348.828	1332.809	1333.817	1331.802	A[10]
R	16	1539.874	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1695.973	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1833.031	951.585	935.566	936.574	934.558	H[7]
R	19	1989.133	814.526	798.507	799.515	797.499	R[6]
K	20	2145.250	658.425	642.406	643.414	641.398	K[5]
V	21	2244.227	502.300	486.280	487.287	485.272	V[4]
L	22	2367.413	463.139	447.119	388.215	389.203	L[3]
R	23	2513.512	290.146	274.127	275.135	273.119	R[2]
D	24	2628.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=82.66
- ▶ F113280.dat
- ▶ query=q48588_p1
- ▶ precursor=658.137210
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1315.265	1307.256	0.504	1306.752	S[24]
G[2]	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R[3]	180.603	1222.233	1214.224	1914.728	1213.720	R[22]
G[4]	259.114	1144.183	1138.173	1130.077	1129.569	G[21]
K[5]	273.163	1115.672	1107.663	1108.167	1107.159	K[20]
G[6]	303.672	1051.625	1043.615	1044.119	1043.111	G[19]
G[7]	330.183	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	394.230	994.603	986.594	987.098	986.090	K[17]
G[9]	422.741	930.595	922.546	923.050	922.042	G[16]
L[10]	479.293	902.045	884.035	884.539	883.531	L[15]
G[11]	507.794	845.503	837.493	837.997	836.990	G[14]
K[12]	502.847	816.992	808.983	809.487	808.479	K[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	648.868	703.429	695.419	695.923	694.915	G[11]
A[15]	685.389	674.919	666.908	667.412	666.405	A[10]
R[16]	770.439	639.399	631.390	631.894	630.886	R[9]
R[17]	848.490	554.347	546.337	546.841	545.833	R[8]
H[18]	917.019	476.296	468.287	468.791	467.783	H[7]
R[19]	995.070	407.767	399.757	400.261	399.253	R[6]
K[20]	1071.133	329.746	321.737	322.241	321.233	K[5]
V[21]	1122.667	251.693	243.683	244.187	243.180	V[4]
L[22]	1179.209	202.139	194.129	194.633	193.625	L[3]
R[23]	1257.260	145.577	137.567	138.071	137.063	R[2]
D[24]	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=82.66
- ▶ F113280.dat
- ▶ query=q48588.p1
- ▶ precursor=658.137210
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	671.840	0.672	871.904	S[24]
G[2]	58.704	134.165	828.826	0.672	828.490	G[23]
R[3]	150.738	815.158	809.818	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	758.121	757.449	G[21]
K[5]	182.443	744.117	738.778	739.113	738.442	K[20]
G[6]	201.450	701.419	696.079	696.415	695.743	G[19]
G[7]	220.458	682.412	677.072	677.408	676.736	G[18]
K[8]	263.156	663.404	658.063	658.401	657.729	K[17]
G[9]	282.163	630.705	615.367	615.703	615.031	G[16]
L[10]	319.958	601.699	596.359	596.698	596.023	L[15]
G[11]	338.965	504.024	558.665	559.001	558.329	G[14]
K[12]	395.567	544.997	539.658	539.994	539.322	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]
R[17]	565.996	369.900	364.561	364.896	364.225	R[8]
H[18]	611.682	317.896	312.527	312.863	312.191	H[7]
R[19]	663.716	272.180	266.941	267.176	266.505	R[6]
K[20]	715.758	220.146	214.807	215.143	214.471	K[5]
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=102.81
- ▶ F113280.dat
- ▶ query=q49042.p1
- ▶ precursor=668.639290
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2071.534	2055.515	0.000	2054.507	S[24]
G[2]	224.598	2542.491	2526.473	0.000	2525.465	G[23]
T[3]	300.199	2328.470	2309.451	2070.459	2308.443	T[22]
G[4]	417.220	2239.369	2313.350	2314.358	2312.342	G[21]
K[5]	545.115	2272.347	2256.329	2257.336	2255.321	K[20]
G[6]	602.337	2144.253	2138.234	2129.241	2127.226	G[19]
G[7]	659.358	2087.231	2071.212	2072.220	2070.204	G[18]
K[8]	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G[9]	886.485	1890.104	1884.085	1845.093	1843.077	G[16]
L[10]	939.549	1803.082	1787.064	1788.071	1786.056	L[15]
G[11]	1056.591	1689.998	1673.980	1674.987	1672.972	G[14]
K[12]	1226.696	1632.977	1616.958	1617.966	1615.950	K[13]
G[13]	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1511.776	1348.829	1332.810	1333.818	1331.802	A[10]
K[16]	1581.882	1277.791	1261.773	1262.780	1260.765	K[9]
R[17]	1737.983	1197.686	1091.667	1092.675	1090.659	R[8]
H[18]	1876.942	951.585	935.566	936.574	934.558	H[7]
R[19]	2031.143	814.526	798.507	799.515	797.499	R[6]
K[20]	2187.209	658.425	642.406	643.414	641.398	K[5]
V[21]	2286.338	602.298	486.280	487.287	485.272	V[4]
L[22]	2399.422	460.236	387.211	388.219	386.203	L[3]
D[23]	2529.523	290.140	274.121	275.135	273.115	D[2]
D[24]	2670.550	134.045	118.026	119.034	117.015	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=102.81
- ▶ F113280.dat
- ▶ query=q49042.p1
- ▶ precursor=668.639290
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1138.271	1126.261	0.504	1327.757	S[24]
G[2]	102.551	1271.746	1263.740	0.504	1263.236	G[23]
R[3]	180.603	1243.239	1231.229	1235.733	1234.723	R[22]
G[4]	209.114	1165.189	1157.179	1157.683	1156.675	G[21]
K[5]	273.161	1136.677	1128.668	1129.172	1128.162	K[20]
G[6]	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	415.216	1015.608	1007.599	1008.103	1007.095	K[17]
G[9]	443.746	0.30556	922.546	923.050	922.042	G[16]
L[10]	509.288	992.045	980.035	984.539	983.531	L[15]
G[11]	528.799	945.501	837.493	837.997	836.990	G[14]
K[12]	613.852	816.992	808.983	809.487	808.479	K[13]
G[13]	642.363	731.939	723.930	724.434	723.426	G[12]
G[14]	670.873	703.429	695.419	695.923	694.915	G[11]
A[15]	698.384	674.918	666.908	667.412	666.404	A[10]
R[16]	791.445	639.399	631.390	631.894	630.886	R[9]
R[17]	869.495	554.347	546.337	546.841	545.833	R[8]
H[18]	938.025	476.296	468.287	468.791	467.783	H[7]
R[19]	1016.075	407.767	399.757	400.261	399.253	R[6]
K[20]	1094.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1143.673	251.663	243.653	244.157	243.149	V[4]
L[22]	1200.215	202.119	194.109	194.613	193.605	L[3]
R[23]	1278.265	145.577	137.567	138.071	137.063	R[2]
D[24]	1335.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

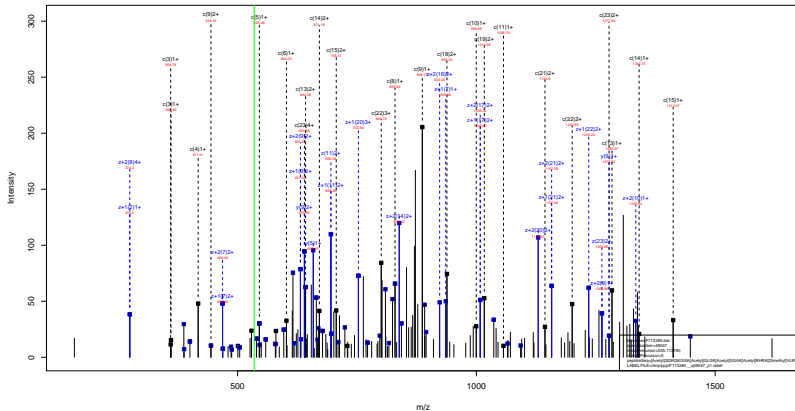
[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=102.81
- ▶ F113280.dat
- ▶ query=q49042.p1
- ▶ precursor=668.639290
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.597	891.183	885.843	0.572	885.507	S[24]
G[2]	58.704	846.159	842.829	0.572	842.493	G[23]
R[3]	130.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	758.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.075	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	658.705	653.367	653.703	653.031	G[16]
L[10]	313.891	601.699	596.359	596.695	596.023	L[15]
G[11]	352.888	564.054	558.695	559.031	558.359	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.866	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.761	220.140	214.801	215.143	214.471	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	830.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK Acetyl
42.01 GLGK Acetyl
42.01 GGAK Acetyl
42.01 RHRK Dimethyl
28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.55
- ▶ F113280.dat
- ▶ query=q49047_p1
- ▶ precursor=535.113790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2073.534	2055.515	0.000	2054.507	S[24]
G	2	204.008	2542.491	2526.473	0.000	2525.465	G[23]
R	3	350.190	2405.470	2469.451	2470.439	2468.443	R[22]
G	4	417.230	2329.369	2313.350	2314.338	2312.341	G[21]
K	5	545.315	2272.347	2256.329	2257.320	2255.321	K[20]
G	6	602.337	2144.252	2128.234	2129.241	2127.238	G[19]
G	7	659.358	2087.231	2071.215	2072.220	2070.204	G[18]
K	8	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	886.485	1985.184	1844.085	1845.093	1843.077	G[16]
L	10	929.549	1903.082	1787.084	1788.071	1786.056	L[15]
G	11	1056.591	1689.968	1673.980	1674.987	1672.972	G[14]
K	12	1226.696	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1581.885	1277.791	1261.773	1262.780	1260.765	R[9]
R	17	1737.983	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1875.042	951.585	935.566	936.574	934.558	H[7]
R	19	2031.143	814.520	798.507	799.515	797.499	R[6]
K	20	2187.209	658.425	642.406	643.414	641.398	K[5]
V	21	2286.338	502.298	486.280	487.287	485.272	V[4]
L	22	2399.422	403.239	387.211	388.219	386.203	L[3]
R	23	2555.523	290.140	274.127	275.135	273.119	R[2]
D	24	2670.550	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.55
- ▶ F113280.dat
- ▶ query=q49047_p1
- ▶ precursor=535.113790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1336.271	1338.261	0.504	1327.757	S[24]
G[2]	102.553	1271.749	1263.740	0.504	1263.236	G[23]
R[3]	180.603	1243.239	1235.229	1235.733	1234.725	R[22]
G[4]	269.114	1185.188	1157.179	1157.683	1156.675	G[21]
K[5]	273.161	1138.677	1128.668	1129.172	1125.164	K[20]
G[6]	361.672	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	350.163	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	415.236	1015.608	1007.599	1008.103	1007.095	K[17]
G[9]	443.746	930.556	922.546	923.050	922.042	G[16]
L[10]	509.288	902.045	894.035	894.539	893.532	L[15]
G[11]	528.799	845.503	837.493	837.997	836.990	G[14]
K[12]	613.852	816.992	808.983	809.487	808.479	K[13]
G[13]	642.363	731.939	723.930	724.434	723.426	G[12]
G[14]	670.873	703.429	695.419	695.923	694.915	G[11]
A[15]	706.392	614.918	606.908	607.412	606.405	A[10]
R[16]	703.458	639.399	631.390	631.894	630.886	R[9]
R[17]	869.495	554.347	546.337	548.341	545.833	R[8]
R[18]	938.025	476.295	468.287	468.791	467.783	R[7]
R[19]	1016.075	407.767	399.757	400.261	399.253	R[6]
K[20]	1094.138	329.716	321.707	322.711	321.203	K[5]
V[21]	1143.673	251.652	243.643	244.647	243.140	V[4]
L[22]	1200.215	202.119	194.110	194.613	193.605	L[3]
R[23]	1278.265	145.577	137.567	138.071	137.063	R[2]
D[24]	1335.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.55
- ▶ F113280.dat
- ▶ query=q49047.p1
- ▶ precursor=535.113790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	885.843	0.672	885.507	S[24]
G[2]	58.704	848.195	842.829	0.672	842.493	G[23]
R[3]	150.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	798.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	630.798	613.397	615.703	615.031	G[16]
L[10]	313.881	601.699	596.359	596.695	596.023	L[15]
G[11]	352.888	564.004	558.665	559.001	558.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	605.686	317.866	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.761	220.140	214.807	215.143	214.471	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	800.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

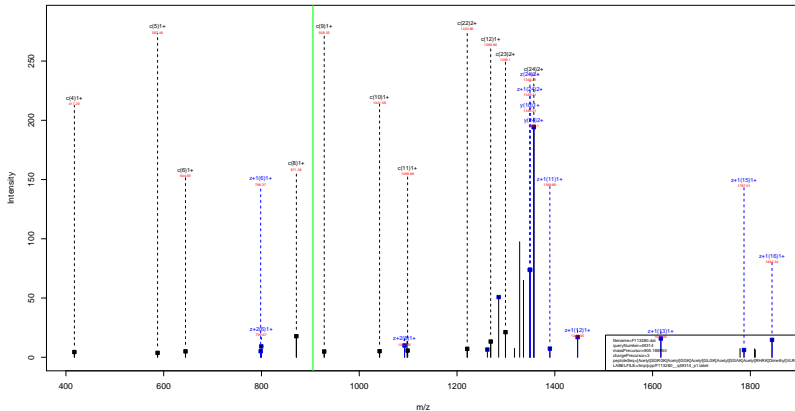
[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.55
- ▶ F113280.dat
- ▶ query=q49047.p1
- ▶ precursor=535.113790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	668.639	664.634	0.755	664.382	S[24]
G[2]	51.780	536.378	632.374	0.755	632.122	G[23]
R[3]	90.805	622.123	618.118	618.370	617.866	R[22]
G[4]	105.061	583.098	579.093	579.345	578.841	G[21]
K[5]	137.084	568.842	564.838	565.090	564.586	K[20]
G[6]	151.340	536.819	532.814	533.066	532.562	G[19]
G[7]	165.595	522.563	518.558	518.810	518.307	G[18]
K[8]	208.121	508.308	504.303	504.555	504.051	K[17]
G[9]	222.377	495.781	491.777	492.029	491.525	G[16]
L[10]	250.048	451.526	447.521	447.773	447.269	L[15]
G[11]	264.303	423.255	419.250	419.502	418.998	G[14]
K[12]	307.430	400.000	404.995	405.247	404.743	K[13]
G[13]	321.685	366.473	362.469	362.721	362.217	G[12]
G[14]	335.940	352.218	348.213	348.465	347.961	G[11]
A[15]	353.700	337.963	333.958	334.210	333.706	A[10]
K[16]	398.226	320.203	316.199	316.451	315.947	K[9]
R[17]	435.251	277.677	273.672	273.924	273.420	R[8]
H[18]	469.516	238.652	234.647	234.899	234.395	H[7]
R[19]	458.541	254.397	250.392	250.644	250.140	R[6]
K[20]	547.573	165.362	161.357	161.609	161.105	K[5]
V[21]	572.340	126.330	122.325	122.577	122.073	V[4]
L[22]	600.611	101.563	97.558	97.810	97.306	L[3]
R[23]	639.636	73.292	69.287	69.539	69.035	R[2]
D[24]	668.393	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{42.01} Acetyl GGK_{42.01} Acetyl GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl RHRK_{28.03} Dimethyl VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.86
- ▶ F113280.dat
- ▶ query=q49314_p1
- ▶ precursor=905.188950
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S	147.076	2713.544	2697.536	0.000	2696.519	S[24]
G	204.098	2584.502	2568.483	0.000	2567.473	G[23]
R	301.199	2527.480	2511.462	2512.470	2510.454	R[22]
G	417.220	2371.379	2355.361	2356.369	2354.351	G[21]
K	587.326	2314.358	2298.339	2299.347	2297.331	K[20]
G	644.347	2144.252	2128.234	2129.241	2127.226	G[19]
G	761.369	2087.231	2071.213	2072.220	2070.204	G[18]
K	871.474	2030.209	2014.191	2015.199	2013.183	K[17]
G	928.496	1866.104	1844.085	1845.093	1843.077	G[16]
L	1041.580	1863.082	1787.064	1788.071	1786.056	L[15]
Q	1098.601	1689.998	1673.980	1674.987	1672.972	Q[14]
K	1268.707	1632.977	1616.958	1617.966	1615.950	K[13]
G	1325.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	1382.750	1405.850	1389.831	1390.839	1388.823	G[11]
A	1439.767	1348.828	1332.810	1333.818	1331.802	A[10]
R	1623.293	2399.799	1261.773	1262.780	1260.765	R[9]
R	1779.894	1107.688	1091.667	1092.675	1090.659	R[8]
H	1817.663	951.585	935.566	936.574	934.558	H[7]
R	2073.154	614.526	796.507	799.515	797.499	R[6]
K	2229.280	658.425	642.406	643.414	641.398	K[5]
V	2428.348	502.366	486.346	487.354	485.337	V[4]
L	2441.432	463.339	447.319	448.327	446.311	L[3]
R	2597.534	290.146	274.127	275.135	273.119	R[2]
D	2712.560	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

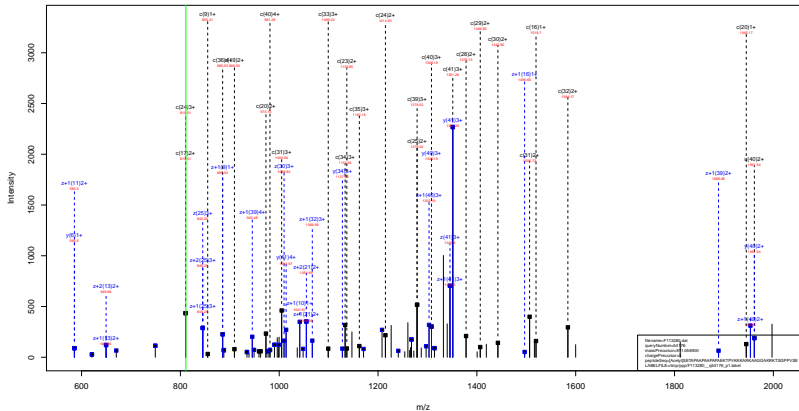
[Acetyl]SGR**GK**^{Acetyl}_{42.01} **G**G**K**^{Acetyl}_{42.01} **G**L**G****K**^{Acetyl}_{42.01} **G**G**A****K**^{Acetyl}_{42.01} **R**H**R****K**^{Dimethyl}_{28.03} **V**L**R****D**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.86
- ▶ F113280.dat
- ▶ query=q49314.p1
- ▶ precursor=905.188950
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1357.276	1349.267	0.504	1348.763	S[24]
G	2	102.553	1292.755	1284.745	0.504	1284.241	G[23]
R	3	180.603	1264.244	1256.234	1256.738	1255.731	R[22]
G	4	259.114	1199.193	1178.184	1179.688	1177.680	G[21]
K	5	294.167	1157.682	1149.673	1150.177	1149.169	K[20]
G	6	352.677	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	436.241	1015.608	1007.599	1008.103	1007.095	K[17]
G	9	464.752	930.556	922.546	923.050	922.042	G[16]
L	10	511.294	902.045	894.035	894.539	893.532	L[15]
Q	11	549.804	845.503	837.493	837.997	836.990	Q[14]
K	12	634.857	816.992	808.983	809.487	808.479	K[13]
G	13	663.368	731.939	723.930	724.434	723.426	G[12]
G	14	691.879	703.429	695.419	695.923	694.915	G[11]
A	15	727.391	614.915	606.906	607.410	606.402	A[10]
R	16	812.450	639.399	631.390	631.894	630.886	R[9]
R	17	890.500	554.347	546.337	546.841	545.833	R[8]
H	18	959.030	476.290	468.281	468.785	467.777	H[7]
R	19	1037.080	407.767	399.757	400.261	399.253	R[6]
K	20	1115.144	329.716	321.707	322.211	321.203	K[5]
V	21	1184.678	251.663	243.653	244.157	243.149	V[4]
L	22	1221.220	392.133	384.123	384.627	383.620	L[3]
R	23	1299.270	145.577	137.567	138.071	137.063	R[2]
D	24	1356.784	67.526	59.517	60.021	59.013	D[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.99
- ▶ F113280.dat
- ▶ query=q54176.p1
- ▶ precursor=811.056900
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S1	147.076	4051.243	4635.222	0.000	4034.215	S41
E2	276.119	3922.198	9906.180	0.000	3905.172	E40
T3	377.167	3793.156	3777.137	0.000	3776.129	T39
A4	448.204	3692.108	3679.090	0.000	3675.082	A38
F5	545.257	3621.071	3605.052	0.000	3604.045	F37
A6	619.294	3524.018	3508.000	0.000	3506.990	A26
A7	667.331	3452.982	3436.963	0.000	3435.955	A35
P8	784.384	3381.944	3365.925	0.000	3364.918	P34
A9	855.421	3294.891	3268.873	0.000	3267.865	A33
A10	926.458	3213.854	3197.836	0.000	3196.828	A32
F11	1023.511	3142.817	3126.798	0.000	3125.791	F31
A12	1094.568	3049.764	3029.746	0.000	3028.738	A30
F13	1191.620	2974.727	2958.709	0.000	2957.701	F29
A14	1262.638	2877.674	2861.656	0.000	2860.648	A28
E15	1361.680	2806.637	2790.619	0.000	2789.611	E27
K16	1519.775	2677.595	2661.576	2662.584	2660.568	K26
T17	1620.623	2549.560	2533.541	2534.499	2532.473	T25
F18	1717.676	2448.452	2432.433	2433.441	2431.426	F24
V19	1816.944	2351.399	2335.381	2336.388	2334.373	V23
K20	1945.839	2252.331	2236.312	2237.320	2235.304	K22
K21	2073.134	2124.236	2108.217	2109.225	2107.209	K21
K22	2201.229	1996.141	1980.122	1981.130	1979.114	K20
A23	2272.266	1898.045	1882.027	1883.035	1881.020	A19
R24	2428.367	1797.009	1780.990	1781.998	1779.982	R18
K25	2556.462	1640.908	1624.889	1625.897	1623.881	K17
A26	2627.499	1512.813	1496.794	1497.802	1495.786	A16
A27	2698.536	1441.776	1425.757	1426.765	1424.749	A15
G28	2755.558	1370.739	1354.720	1355.728	1353.712	G14
G29	2812.579	1313.717	1297.698	1298.706	1296.690	G13
A30	2883.616	1256.696	1240.677	1241.685	1239.669	A12
K31	3011.711	1185.659	1169.640	1170.648	1168.632	K11
R32	3167.812	1057.564	1041.545	1042.553	1040.537	R10
K33	3295.907	901.463	885.444	886.452	884.436	K9
F34	3396.955	773.368	757.349	758.357	756.341	F8
S35	3483.987	792.329	658.303	659.309	657.293	S31
G36	3541.009	585.288	569.269	570.277	568.261	G6
F37	3638.061	528.256	512.248	513.256	511.240	F6
F38	3736.114	431.214	415.195	416.203	414.187	F4
V39	3834.182	334.161	318.142	319.150	317.134	V3
S40	3921.214	235.082	219.074	220.082	218.066	S3
E41	4050.257	148.986	132.942	133.950	131.934	E1

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.99
- ▶ F113280.dat
- ▶ query=q54176.p1
- ▶ precursor=811.056900
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2025.126	2018.115	0.504	2017.611	S[41]
E	2	138.563	1961.603	1953.594	0.504	1953.090	E[40]
T	3	189.097	1897.062	1889.072	0.504	1888.566	T[39]
A	4	224.606	1846.558	1838.548	0.504	1838.044	A[38]
F	5	273.132	1811.030	1803.030	0.504	1802.526	F[37]
A	6	308.650	1782.511	1774.503	0.504	1774.000	A[36]
A	7	344.169	1726.984	1718.985	0.504	1718.481	A[35]
P	8	392.695	1691.476	1683.466	0.504	1682.962	P[34]
A	9	428.214	1642.949	1634.940	0.504	1634.436	A[33]
A	10	463.733	1607.431	1599.421	0.504	1598.917	A[32]
F	11	512.259	1571.912	1563.903	0.504	1563.399	F[31]
A	12	547.777	1523.396	1515.376	0.504	1514.871	A[30]
F	13	596.304	1487.887	1479.858	0.504	1479.354	F[29]
A	14	631.822	1439.341	1431.332	0.504	1430.828	A[28]
E	15	696.344	1403.822	1395.813	0.504	1395.309	E[27]
K	16	766.391	1339.301	1331.292	1311.790	1330.780	K[26]
T	17	810.915	1275.284	1267.244	1267.748	1266.740	T[25]
F	18	896.441	1224.739	1215.709	1211.224	1210.719	F[24]
V	19	968.976	1176.203	1168.194	1168.698	1167.690	V[23]
K	20	973.023	1126.669	1118.660	1119.164	1118.156	K[22]
K	21	1037.671	1062.622	1054.612	1055.116	1054.106	K[21]
K	22	1101.118	998.574	990.565	991.069	990.061	K[20]
A	23	1136.637	934.527	925.517	927.021	926.011	A[19]
R	24	1214.687	899.004	890.999	891.503	890.495	R[18]
K	25	1278.735	820.958	812.948	813.452	812.444	K[17]
A	26	1314.253	756.910	748.901	749.405	748.397	A[16]
A	27	1369.772	721.392	713.382	713.886	712.878	A[15]
G	28	1376.283	685.873	677.863	678.367	677.360	G[14]
G	29	1406.793	657.362	649.353	649.857	648.849	G[13]
A	30	1442.312	626.852	620.842	621.346	620.338	A[12]
K	31	1506.359	593.333	585.324	585.827	584.820	K[11]
R	32	1584.410	529.285	521.276	521.780	520.772	R[10]
K	33	1648.457	451.235	443.226	443.729	442.722	K[9]
F	34	1698.961	387.187	379.178	379.682	378.674	F[8]
S	35	1742.497	336.664	328.654	329.158	328.150	S[7]
G	36	1771.008	293.140	285.138	285.642	284.634	G[6]
P	37	1819.534	264.637	256.627	257.131	256.124	P[5]
F	38	1868.061	216.110	208.101	208.605	207.597	F[4]
V	39	1917.595	167.584	159.575	160.079	159.071	V[3]
S	40	1961.111	118.050	110.041	110.544	109.537	S[2]
E	41	2025.632	74.534	66.524	67.028	66.021	E[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=43.99
- ▶ F113280.dat
- ▶ query=q54176.p1
- ▶ precursor=811.056900
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	49.697	1351.085	1345.746	0.672	1345.410	S[41]
E	2	92.711	1308.071	1302.731	0.672	1302.398	E[40]
T	3	126.394	1265.057	1259.717	0.672	1259.381	T[39]
A	4	150.073	1231.374	1226.035	0.672	1225.699	A[38]
P	5	182.424	1207.695	1202.356	0.672	1202.020	P[37]
A	6	206.193	1173.544	1170.005	0.672	1169.669	A[36]
A	7	229.782	1151.065	1146.326	0.672	1145.990	A[35]
P	8	262.133	1127.986	1122.647	0.672	1122.311	P[34]
A	9	285.812	1095.835	1090.296	0.672	1089.960	A[33]
A	10	309.491	1071.950	1066.617	0.672	1066.281	A[32]
P	11	341.242	1048.277	1042.938	0.672	1042.602	P[31]
A	12	365.921	1019.926	1010.587	0.672	1010.251	A[30]
P	13	397.672	992.241	986.902	0.672	986.572	P[29]
A	14	421.551	959.890	954.551	0.672	954.221	A[28]
E	15	464.565	936.217	930.878	0.672	930.542	E[27]
K	16	507.263	893.201	887.864	888.199	887.528	K[26]
T	17	540.946	890.565	845.165	845.501	844.829	T[25]
P	18	574.297	835.829	831.489	831.819	831.147	P[24]
V	19	606.320	784.471	779.132	779.468	778.796	V[23]
K	20	649.018	751.449	746.109	746.445	745.773	K[22]
K	21	691.716	708.750	703.411	703.747	703.075	K[21]
K	22	734.414	666.052	660.712	661.048	660.376	K[20]
A	23	752.094	621.354	616.014	616.350	615.678	A[19]
R	24	810.127	590.875	584.335	584.671	583.999	R[18]
K	25	852.526	547.641	542.301	542.637	541.965	K[17]
A	26	876.505	504.942	499.603	499.939	499.267	A[16]
A	27	900.184	461.263	475.924	476.260	475.588	A[15]
G	28	919.191	457.584	452.245	452.581	451.909	G[14]
G	29	952.698	438.577	433.238	433.574	432.902	G[13]
A	30	961.872	419.570	414.231	414.566	413.894	A[12]
K	31	1004.575	395.891	390.551	390.887	390.216	K[11]
R	32	1056.609	353.193	347.853	348.189	347.517	R[10]
K	33	1099.307	301.159	295.819	296.155	295.484	K[9]
T	34	1132.990	258.461	253.121	253.457	252.785	T[8]
S	35	1162.801	224.778	219.438	219.775	219.103	S[7]
G	36	1183.068	199.761	194.421	194.756	194.084	G[6]
P	37	1213.359	175.760	171.421	171.757	171.085	P[5]
P	38	1245.710	144.400	139.070	139.406	138.734	P[4]
V	39	1278.732	112.050	106.710	107.045	106.373	V[3]
S	40	1307.743	79.030	73.696	74.032	73.360	S[2]
E	41	1350.757	50.025	44.685	45.021	44.349	E[1]

sp | P43274 | H14_MOUSE

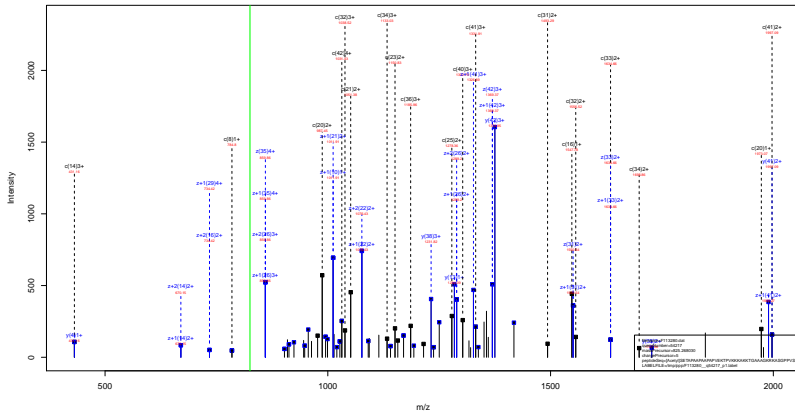
[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=43.99
- ▶ F113280.dat
- ▶ query=q54176_p1
- ▶ precursor=811.056900
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1013.566	1009.561	0.795	1009.309	S[41]
E	2	69.795	981.305	977.300	0.795	977.048	E[40]
F	3	85.047	949.044	945.040	0.795	944.789	F[39]
A	4	112.806	923.733	919.778	0.795	919.520	A[38]
P	5	137.070	906.023	902.019	0.795	901.767	P[37]
A	6	154.829	881.760	877.755	0.795	877.503	A[36]
A	7	172.588	864.001	859.996	0.795	859.744	A[35]
P	8	190.351	846.241	842.237	0.795	841.985	P[34]
A	9	214.611	821.978	817.974	0.795	817.722	A[33]
A	10	232.370	804.219	800.214	0.795	799.962	A[32]
P	11	256.633	789.460	785.455	0.795	785.203	P[31]
A	12	274.392	782.197	778.192	0.795	777.940	A[30]
P	13	298.656	744.437	740.433	0.795	740.181	P[29]
A	14	316.415	720.174	716.169	0.795	715.917	A[28]
E	15	348.675	702.415	698.410	0.795	698.158	E[27]
K	16	380.699	670.154	666.149	0.665	665.896	K[26]
T	17	405.961	638.130	634.126	0.634	633.874	T[25]
P	18	430.224	612.868	608.864	0.609	608.612	P[24]
V	19	454.991	588.605	584.601	0.584	584.349	V[23]
K	20	487.015	563.838	559.834	0.560	559.582	K[22]
K	21	519.039	531.814	527.810	0.528	527.558	K[21]
K	22	551.063	499.791	495.786	0.496	495.534	K[20]
A	23	568.822	467.767	463.762	0.464	463.510	A[19]
K	24	607.847	450.008	446.003	0.446	445.751	K[18]
K	25	639.871	410.982	406.978	0.407	406.726	K[17]
A	26	657.630	379.959	374.954	0.375	374.702	A[16]
A	27	675.390	361.199	357.195	0.357	356.943	A[15]
G	28	689.645	343.440	339.435	0.339	339.183	G[14]
G	29	703.900	329.185	325.180	0.325	324.928	G[13]
A	30	721.960	314.929	310.925	0.311	310.673	A[12]
K	31	753.683	297.170	293.165	0.293	292.913	K[11]
K	32	782.709	285.140	281.132	0.281	280.880	K[10]
K	33	824.712	229.171	222.116	0.222	221.864	K[9]
T	34	849.994	194.097	190.093	0.190	189.841	T[8]
S	35	871.752	168.835	164.831	0.165	164.579	S[7]
G	36	886.008	147.077	143.073	0.143	142.821	G[6]
P	37	910.271	132.822	128.817	0.129	128.565	P[5]
P	38	934.534	108.559	104.554	0.104	104.302	P[4]
V	39	959.301	84.296	80.291	0.80	80.039	V[3]
S	40	981.059	59.537	55.534	0.55	55.272	S[2]
E	41	1013.520	37.771	33.766	0.34	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE



sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.66
- ▶ F113280.dat
- ▶ query=q54217_p1
- ▶ precursor=825.268030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4122.303	4106.285	0.000	4105.277	S[42]
E	2	276.119	8993.261	9077.242	0.000	9076.234	E[41]
T	3	377.167	13064.218	13048.199	0.000	13047.192	T[40]
A	4	448.204	17583.170	17477.152	0.000	17467.144	A[39]
F	5	585.257	23092.133	23076.115	0.000	23075.107	F[38]
A	6	616.294	29595.081	2979.062	0.000	3578.054	A[37]
A	7	687.331	35244.044	3506.025	0.000	3507.017	A[36]
F	8	784.384	43453.006	4336.988	0.000	4335.980	F[35]
A	9	855.421	49356.954	4939.935	0.000	4938.927	A[34]
A	10	926.458	55484.917	5546.898	0.000	5547.890	A[33]
P	11	1023.511	61313.879	6197.861	0.000	6196.853	P[32]
A	12	1094.548	67168.827	6700.808	0.000	6699.800	A[31]
F	13	1181.600	73045.790	7320.771	0.000	7320.763	F[30]
V	14	1290.659	79487.737	7932.718	0.000	7931.710	V[29]
E	15	1419.711	86499.689	8633.670	0.000	8632.662	E[28]
N	16	1547.806	93790.636	9394.617	2709.618	7793.599	N[27]
T	17	1648.854	10092.531	2678.512	2577.520	2575.504	T[26]
F	18	1745.907	2491.483	2475.464	2476.472	2474.457	F[25]
V	19	1844.975	3394.430	2376.412	2379.419	2377.406	V[24]
K	20	1973.070	2295.362	2279.343	2280.351	2279.335	K[23]
K	21	2101.123	3167.287	2151.268	2152.256	2150.240	K[22]
R	22	2229.260	3038.172	3023.153	3024.161	3022.145	R[21]
A	23	2300.297	1911.077	1895.058	1896.066	1894.050	A[20]
K	24	2438.392	1840.040	1824.021	1825.029	1823.013	K[19]
K	25	2556.487	1711.945	1695.926	1696.934	1694.918	K[18]
T	26	2687.535	1583.890	1567.871	1568.879	1566.863	T[17]
C	27	2714.569	1492.802	1466.783	1467.791	1465.775	C[16]
A	28	2785.593	1425.781	1409.762	1410.770	1408.754	A[15]
A	29	2856.611	1354.744	1338.725	1339.733	1337.717	A[14]
A	30	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	31	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
K	32	3123.754	1136.649	1120.630	1140.637	1138.621	K[11]
R	33	3269.895	1027.553	1011.534	1012.542	1010.527	R[10]
K	34	3396.980	871.462	855.443	856.441	854.425	K[9]
A	35	3468.017	743.357	727.338	728.346	726.330	A[8]
S	36	3535.049	672.320	656.301	657.309	655.293	S[7]
G	37	3612.071	585.288	569.269	570.277	568.261	G[6]
F	38	3709.124	478.246	462.227	463.235	461.219	F[5]
F	39	3806.178	431.214	415.195	416.203	414.187	F[4]
V	40	3905.245	334.161	318.142	319.150	317.134	V[3]
S	41	3992.277	235.092	219.074	220.082	218.066	S[2]
E	42	4121.319	148.060	132.042	133.050	131.034	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.66
- ▶ F113280.dat
- ▶ query=q54217_p1
- ▶ precursor=825.268030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	2061.655	2053.646	0.504	2053.142	S[42]
E[2]	138.563	1997.134	1989.125	0.504	1988.621	E[41]
T[3]	189.087	1932.613	1924.603	0.504	1924.090	T[40]
A[4]	224.206	1862.080	1854.080	0.504	1853.576	A[39]
P[5]	293.135	1646.509	1638.501	0.504	1638.026	P[38]
A[6]	358.650	1790.044	1782.035	0.504	1781.531	A[37]
A[7]	344.169	1763.525	1754.516	0.504	1754.012	A[36]
F[8]	392.695	1727.007	1718.997	0.504	1718.494	F[35]
A[9]	428.214	1678.480	1670.471	0.504	1669.967	A[34]
A[10]	463.733	1642.962	1634.953	0.504	1634.449	A[33]
P[11]	532.259	1607.443	1599.434	0.504	1598.931	P[32]
A[12]	547.777	1558.017	1550.008	0.504	1550.404	A[31]
F[13]	596.304	1523.308	1515.300	0.504	1514.805	F[30]
V[14]	645.830	1474.872	1466.863	0.504	1466.359	V[29]
E[15]	710.359	1425.338	1417.328	0.504	1416.825	E[28]
R[16]	774.887	1369.817	1361.807	138.311	1361.304	R[27]
T[17]	824.911	1290.769	1288.760	1289.264	1288.256	T[26]
F[18]	873.457	1246.245	1238.236	1238.740	1237.732	F[25]
V[19]	922.991	1197.719	1189.709	1190.213	1189.206	V[24]
K[20]	987.039	1148.195	1140.185	1140.679	1139.671	K[23]
R[21]	1051.886	1098.737	1076.128	1076.332	1075.325	R[22]
K[22]	1115.114	1020.090	1012.080	1012.584	1011.576	K[21]
A[23]	1150.652	956.042	948.033	948.537	947.529	A[20]
K[24]	1214.700	920.524	912.514	913.018	912.010	K[19]
K[25]	1278.747	856.476	848.467	848.971	847.963	K[18]
T[26]	1329.271	792.429	784.419	784.923	783.915	T[17]
G[27]	1397.892	741.905	733.895	734.399	733.390	G[16]
A[28]	1393.300	713.394	705.385	705.889	704.881	A[15]
A[29]	1438.819	677.876	669.866	670.370	669.362	A[14]
A[30]	1464.337	642.357	634.348	634.852	633.844	A[13]
G[31]	1492.848	606.839	598.830	599.333	598.325	G[12]
K[32]	1556.896	576.326	570.318	570.822	569.814	K[11]
R[33]	1634.946	514.380	506.371	506.875	505.867	R[10]
R[34]	1698.994	436.293	428.283	428.784	427.776	R[9]
A[35]	1734.512	372.182	364.173	364.677	363.669	A[8]
S[36]	1778.028	336.664	328.654	329.158	328.150	S[7]
G[37]	1806.539	291.140	285.130	285.642	284.634	G[6]
F[38]	1855.068	264.617	256.607	257.111	256.103	F[5]
F[39]	1903.592	238.110	230.101	230.605	229.597	F[4]
V[40]	1953.126	167.584	159.575	160.079	159.071	V[3]
S[41]	1996.642	118.050	110.041	110.544	109.537	S[2]
E[42]	2061.161	74.534	66.524	67.028	66.021	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.66
- ▶ F113280.dat
- ▶ query=q54217_p1
- ▶ precursor=825.268030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1374.773	1369.433	0.672	1369.097	S 42
E 2	92.711	1331.758	1326.419	0.672	1326.081	E 41
T 3	126.394	1288.744	1283.405	0.672	1283.069	T 40
N 4	150.073	1245.730	1249.722	0.672	1249.385	N 39
P 5	182.424	1231.383	1228.043	0.672	1225.707	P 38
A 6	206.103	1199.032	1193.692	0.672	1193.356	A 37
A 7	229.782	1175.351	1170.013	0.672	1169.677	A 36
P 8	262.133	1151.674	1146.334	0.672	1145.990	P 35
A 9	285.812	1119.323	1113.983	0.672	1113.647	A 34
A 10	309.491	1095.644	1090.304	0.672	1089.959	A 33
P 11	341.842	1071.965	1066.625	0.672	1066.289	P 32
A 12	365.521	1039.614	1034.274	0.672	1033.938	A 31
P 13	397.872	1015.935	1010.595	0.672	1010.259	P 30
V 14	430.894	983.584	978.244	0.672	977.908	V 29
E 15	473.909	959.563	953.223	0.672	944.885	E 28
R 16	516.697	937.547	902.207	902.543	901.871	R 27
T 17	550.290	884.848	859.509	859.845	859.173	T 26
P 18	582.640	831.166	825.826	826.162	825.490	P 25
V 19	615.663	798.815	793.475	793.811	793.139	V 24
K 20	658.362	765.792	760.453	760.789	760.117	K 23
K 21	701.060	723.094	717.754	718.090	717.418	K 22
K 22	743.758	689.399	678.959	679.302	674.739	K 21
A 23	787.437	637.987	632.358	632.694	632.022	A 20
K 24	810.136	614.018	608.679	609.015	608.343	K 19
K 25	852.834	571.320	565.980	566.316	565.644	K 18
T 26	895.516	529.627	523.282	523.618	522.946	T 17
G 27	905.524	494.830	489.509	489.835	489.203	G 16
A 28	929.203	475.937	470.592	470.928	470.256	A 15
A 29	952.882	452.253	446.913	447.249	446.577	A 14
A 30	976.561	428.574	423.234	423.570	422.898	A 13
G 31	995.556	404.895	399.555	399.891	399.219	G 12
K 32	1038.266	385.888	380.548	380.884	380.212	K 11
R 33	1090.300	342.180	337.850	338.186	337.514	R 10
T 34	1112.596	291.159	285.818	286.152	285.480	T 9
A 35	1156.677	245.457	243.118	243.454	242.782	A 8
S 36	1185.688	224.778	219.439	219.775	219.103	S 7
G 37	1204.695	195.767	190.428	190.764	190.092	G 6
P 38	1237.046	176.760	171.421	171.757	171.085	P 5
P 39	1257.397	144.409	139.070	139.406	138.734	P 4
V 40	1302.420	112.954	108.719	109.055	108.383	V 3
S 41	1331.430	75.025	73.686	74.022	73.350	S 2
E 42	1374.445	50.025	44.685	45.021	44.349	E 1

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=50.66
- ▶ F113280.dat
- ▶ query=q54217_p1
- ▶ precursor=825.268030
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA	
S	1	37.525	1031.331	1027.027	0.755	1027.075	S[42]
E	2	69.785	999.071	995.066	0.755	994.814	E[41]
F	3	95.047	999.813	992.808	0.755	994.538	F[40]
A	4	112.806	945.540	937.543	0.755	937.291	A[39]
P	5	137.070	923.789	919.784	0.755	919.532	P[38]
A	6	154.829	899.520	895.521	0.755	895.269	A[37]
A	7	172.588	883.760	877.762	0.755	877.510	A[36]
P	8	190.351	864.007	860.002	0.755	859.750	P[35]
A	9	214.611	839.744	835.739	0.755	835.487	A[34]
A	10	232.370	824.985	817.980	0.755	817.728	A[33]
P	11	256.633	804.225	800.221	0.755	799.969	P[32]
A	12	274.392	779.962	775.957	0.755	775.705	A[31]
P	13	298.656	762.203	758.198	0.755	757.946	P[30]
V	14	323.423	737.940	733.935	0.755	733.683	V[29]
E	15	355.683	713.173	709.168	0.755	708.916	E[28]
K	16	387.707	689.913	676.907	677.159	676.955	K[27]
T	17	412.969	648.888	644.883	645.135	644.833	T[26]
P	18	437.232	623.620	619.622	619.874	619.370	P[25]
V	19	461.999	599.353	595.358	595.610	595.105	V[24]
K	20	494.023	574.590	570.591	570.843	570.339	K[23]
K	21	526.047	542.372	538.368	538.619	538.316	K[22]
K	22	558.070	510.948	506.944	507.196	506.292	K[21]
A	23	575.830	478.525	474.520	474.772	474.268	A[20]
K	24	607.854	460.705	456.701	457.013	456.509	K[19]
K	25	639.877	428.742	424.737	424.989	424.485	K[18]
T	26	665.139	396.718	392.713	392.965	392.461	T[17]
G	27	679.395	371.458	367.451	367.703	367.199	G[16]
A	28	697.154	367.201	363.196	363.448	362.944	A[15]
A	29	714.913	339.441	335.437	335.689	335.185	A[14]
A	30	732.672	321.682	317.677	317.929	317.425	A[13]
G	31	746.928	303.923	299.918	300.170	299.666	G[12]
K	32	778.951	289.667	285.663	285.915	285.411	K[11]
R	33	817.977	257.644	253.639	253.891	253.387	R[10]
K	34	850.001	218.618	214.614	214.866	214.362	K[9]
A	35	867.760	189.561	185.556	185.808	185.304	A[9]
S	36	889.518	168.835	164.831	165.083	164.579	S[7]
G	37	903.773	147.077	143.073	143.325	142.821	G[6]
P	38	928.036	132.822	128.817	129.069	128.565	P[5]
P	39	952.300	108.559	104.554	104.806	104.302	P[4]
V	40	977.067	84.290	80.291	80.543	80.039	V[3]
S	41	699.276	69.529	65.534	65.778	65.273	S[2]
E	42	1031.085	37.771	33.766	34.018	33.514	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.02
- ▶ F113280.dat
- ▶ query=q54219_p1
- ▶ precursor=825.268080
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S	147.079	4122.303	4106.285	0.000	4105.277	S[42]
E	276.119	3993.261	3977.242	0.000	3976.234	E[41]
L	377.167	3684.218	3668.199	0.000	3667.192	L[40]
A	448.204	3763.175	3747.155	0.000	3746.144	A[39]
P	545.257	3692.133	3676.115	0.000	3675.107	P[38]
A	616.294	3595.081	3579.062	0.000	3578.054	A[37]
A	667.331	3524.044	3508.025	0.000	3507.017	A[36]
P	764.384	3453.000	3436.980	0.000	3435.980	P[35]
A	855.421	3385.954	3369.935	0.000	3368.927	A[34]
A	926.458	3284.917	3268.898	0.000	3267.890	A[33]
P	1023.511	3213.879	3197.861	0.000	3196.853	P[32]
A	1094.548	3116.827	3100.808	0.000	3099.800	A[31]
P	1181.600	3045.790	3029.771	0.000	3028.763	P[30]
V	1290.669	2948.737	2932.718	0.000	2931.710	V[29]
E	1437.711	2849.686	2833.666	0.000	2832.642	E[28]
R	1547.806	2720.626	2704.607	2705.615	2703.599	R[27]
I	1648.854	2592.533	2576.512	2577.520	2575.504	I[26]
P	1745.907	2491.483	2475.464	2476.472	2474.457	P[25]
V	1844.975	2394.430	2378.412	2379.419	2377.404	V[24]
K	1973.070	2295.362	2279.343	2280.351	2278.335	K[23]
K	2101.105	2187.287	2171.268	2152.256	2150.240	K[22]
K	2229.209	2079.174	2063.153	2034.161	2032.145	K[21]
A	2300.297	1911.077	1895.058	1896.066	1894.050	A[20]
K	2438.392	1840.040	1824.021	1825.029	1823.013	K[19]
K	2556.497	1711.945	1695.926	1696.934	1694.918	K[18]
T	2657.535	1583.850	1567.831	1568.839	1566.823	T[17]
G	2714.559	1482.802	1466.784	1467.791	1465.775	G[16]
A	2785.593	1425.781	1409.762	1410.770	1408.754	A[15]
A	2856.631	1384.744	1368.725	1369.733	1367.717	A[14]
A	2927.668	1283.707	1267.688	1268.696	1266.680	A[13]
G	2984.689	1212.670	1196.651	1197.659	1195.643	G[12]
K	3112.784	1155.648	1139.629	1140.637	1138.621	K[11]
R	3268.888	1027.553	1011.534	1012.542	1010.527	R[10]
R	3396.989	871.452	855.433	856.441	854.425	R[9]
A	3468.017	743.357	727.338	728.346	726.330	A[8]
S	3535.049	672.320	656.301	657.309	655.293	S[7]
G	3612.071	585.288	569.269	570.277	568.261	G[6]
P	3706.124	508.266	512.248	513.256	511.240	P[5]
P	3888.176	431.214	435.195	436.203	434.187	P[4]
V	3905.245	336.161	338.142	339.150	337.134	V[3]
S	3992.277	235.092	239.074	240.082	238.066	S[2]
E	4121.319	148.050	152.032	153.050	151.034	E[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.02
- ▶ F113280.dat
- ▶ query=q54219_p1
- ▶ precursor=825.268080
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2061.655	2053.646	0.504	2053.142	S(42)
E	2	138.563	1997.134	1989.125	0.504	1988.621	E(41)
T	3	189.087	1932.613	1924.603	0.504	1924.090	T(40)
A	4	224.606	1862.089	1854.080	0.504	1853.570	A(39)
P	5	293.132	1646.570	1638.561	0.504	1638.050	P(38)
A	6	358.650	1790.044	1782.035	0.504	1781.523	A(37)
A	7	344.169	1763.525	1754.516	0.504	1754.012	A(36)
F	8	392.695	1727.007	1719.997	0.504	1718.486	F(35)
A	9	428.214	1678.480	1670.471	0.504	1669.960	A(34)
A	10	463.733	1642.962	1634.953	0.504	1634.449	A(33)
P	11	532.259	1607.443	1599.434	0.504	1598.923	P(32)
A	12	547.777	1558.917	1550.908	0.504	1550.404	A(31)
P	13	596.304	1523.398	1515.389	0.504	1514.888	P(30)
V	14	645.830	1474.872	1466.863	0.504	1466.350	V(29)
E	15	710.359	1439.352	1417.328	0.504	1416.825	E(28)
R	16	774.887	1360.817	1352.807	1343.313	1352.300	R(27)
T	17	824.411	1296.789	1288.760	1289.264	1288.250	T(26)
F	18	873.457	1246.245	1238.236	1238.740	1237.732	F(25)
V	19	922.991	1197.719	1189.709	1190.213	1189.206	V(24)
K	20	987.039	1148.185	1140.175	1140.679	1139.671	K(23)
K	21	1051.866	1098.737	1076.128	1076.632	1075.625	K(22)
R	22	1115.134	1020.090	1012.080	1012.584	1011.576	R(21)
A	23	1150.652	996.042	948.033	948.537	947.529	A(20)
K	24	1214.700	920.524	912.514	913.018	912.010	K(19)
K	25	1278.747	856.476	848.467	848.971	847.963	K(18)
T	26	1329.271	792.429	784.419	784.923	783.915	T(17)
G	27	1397.802	714.905	713.898	714.399	713.390	G(16)
A	28	1393.300	713.394	705.385	705.889	704.881	A(15)
A	29	1428.819	677.876	669.866	670.370	669.362	A(14)
A	30	1464.337	642.357	634.348	634.852	633.844	A(13)
G	31	1492.848	606.839	598.830	599.333	598.325	G(12)
K	32	1556.896	678.328	570.318	570.822	569.814	K(11)
R	33	1634.946	614.809	606.801	607.304	606.296	R(10)
K	34	1698.994	436.290	428.280	428.784	427.776	K(9)
A	35	1734.512	372.182	364.173	364.677	363.669	A(8)
S	36	1778.028	336.664	328.654	329.158	328.150	S(7)
G	37	1806.539	291.140	283.130	283.642	282.634	G(6)
P	38	1855.068	264.617	256.607	257.111	256.103	P(5)
P	39	1903.592	238.110	230.101	230.605	229.597	P(4)
V	40	1953.126	167.584	159.575	160.079	159.071	V(3)
S	41	1996.642	118.050	110.041	110.544	109.537	S(2)
E	42	2061.161	74.534	66.524	67.028	66.021	E(1)

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.02
- ▶ F113280.dat
- ▶ query=q54219_p1
- ▶ precursor=825.268080
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1374.773	1369.433	0.672	1369.097	S 42
E 2	92.711	1331.750	1326.419	0.672	1326.083	E 41
T 3	126.394	1288.744	1283.405	0.672	1283.069	T 40
A 4	150.073	1255.799	1249.722	0.672	1249.360	A 39
P 5	182.424	1231.383	1226.043	0.672	1225.707	P 38
A 6	206.103	1199.032	1193.692	0.672	1193.356	A 37
A 7	229.782	1175.353	1170.013	0.672	1169.677	A 36
P 8	262.133	1151.674	1146.334	0.672	1145.990	P 35
A 9	285.812	1119.323	1113.983	0.672	1113.647	A 34
A 10	309.491	1095.644	1090.304	0.672	1089.960	A 33
P 11	341.842	1071.965	1066.625	0.672	1066.289	P 32
A 12	365.521	1039.614	1034.274	0.672	1033.938	A 31
P 13	397.872	1015.935	1010.595	0.672	1010.259	P 30
V 14	430.894	983.584	978.244	0.672	977.908	V 29
E 15	473.909	959.563	945.221	0.672	944.885	E 28
R 16	516.607	937.547	927.209	0.672	924.871	R 27
T 17	550.290	914.948	859.509	859.845	859.173	T 26
P 18	582.640	831.166	825.826	826.162	825.490	P 25
V 19	615.663	799.815	793.475	793.811	793.139	V 24
K 20	658.362	765.792	760.453	760.789	760.117	K 23
K 21	701.060	723.094	717.754	718.090	717.418	K 22
K 22	743.758	689.396	675.056	675.392	674.720	K 21
A 23	787.437	637.697	632.358	632.694	632.022	A 20
K 24	810.136	614.018	608.679	609.015	608.343	K 19
K 25	852.834	571.320	565.980	566.316	565.644	K 18
T 26	895.516	529.622	523.282	523.618	522.946	T 17
G 27	905.524	494.830	489.509	489.835	489.203	G 16
A 28	929.203	475.932	470.592	470.928	470.256	A 15
A 29	952.882	452.253	446.913	447.249	446.577	A 14
A 30	976.561	428.574	423.234	423.570	422.898	A 13
G 31	995.568	404.895	399.555	399.891	399.219	G 12
K 32	1038.266	385.888	380.548	380.884	380.212	K 11
R 33	1090.300	342.180	337.850	338.186	337.514	R 10
T 34	1112.598	291.159	285.818	286.152	285.480	T 9
A 35	1156.677	245.457	243.118	243.454	242.782	A 8
S 36	1185.688	224.778	219.439	219.775	219.103	S 7
G 37	1204.695	195.767	190.428	190.764	190.092	G 6
P 38	1237.046	176.760	171.421	171.757	171.085	P 5
P 39	1267.397	144.409	139.070	139.406	138.734	P 4
V 40	1302.420	112.951	108.719	109.055	108.383	V 3
S 41	1331.430	75.025	73.686	74.022	73.350	S 2
E 42	1374.445	50.025	44.685	45.021	44.349	E 1

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=58.02
- ▶ F113280.dat
- ▶ query=q54219_p1
- ▶ precursor=825.268080
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	87.525	1031.231	1027.327	0.755	1027.075	S[42]
E	3	69.785	999.071	995.066	0.755	994.814	E[41]
Y	3	95.047	966.610	962.805	0.755	962.553	Y[40]
A	4	112.806	941.548	937.543	0.755	937.291	A[39]
F	5	137.070	923.789	919.784	0.755	919.532	F[38]
A	6	154.230	899.526	895.521	0.755	895.269	A[37]
A	7	172.588	881.766	877.762	0.755	877.510	A[36]
F	8	196.851	864.007	860.002	0.755	859.750	F[35]
A	9	218.611	839.744	835.739	0.755	835.487	A[34]
A	10	232.370	821.985	817.980	0.755	817.728	A[33]
P	11	256.633	804.225	800.221	0.755	799.969	P[32]
A	12	274.302	779.962	775.957	0.755	775.705	A[31]
P	13	298.656	762.203	758.198	0.755	757.946	P[30]
V	14	323.423	737.940	733.935	0.755	733.683	V[29]
E	15	353.663	713.173	709.168	0.755	708.916	E[28]
K	16	387.707	688.912	684.907	0.77189	684.655	K[27]
T	17	412.969	648.888	644.883	0.45135	644.632	T[26]
P	18	437.232	623.626	619.622	0.619874	619.370	P[25]
V	19	461.999	599.363	595.358	0.595610	595.106	V[24]
K	20	494.023	574.595	570.591	570.843	570.339	K[23]
K	21	526.047	542.572	538.568	538.819	538.316	K[22]
K	22	560.870	510.548	506.543	506.796	506.292	K[21]
A	23	578.831	518.525	474.520	474.772	474.269	A[20]
K	24	607.854	466.765	462.761	457.013	456.509	K[19]
K	25	639.877	428.742	424.737	424.989	424.485	K[18]
T	26	665.139	396.718	392.713	392.965	392.461	T[17]
G	27	679.395	371.456	367.451	367.703	367.199	G[16]
A	28	687.154	367.201	353.196	353.448	352.944	A[15]
A	29	714.813	339.441	335.437	335.689	335.185	A[14]
A	30	732.672	321.662	317.677	317.929	317.425	A[13]
G	31	746.928	303.923	299.918	300.170	299.666	G[12]
K	32	778.951	289.667	285.663	285.915	285.411	K[11]
R	33	817.977	257.644	253.639	253.891	253.387	R[10]
K	34	850.001	218.618	214.614	214.866	214.362	K[9]
A	35	887.760	186.595	182.590	182.842	182.338	A[8]
S	36	889.818	186.838	164.831	165.083	164.579	S[7]
G	37	903.773	147.077	143.073	143.325	142.821	G[6]
F	38	928.036	132.622	128.617	129.069	128.565	F[5]
P	39	952.300	108.559	104.554	104.806	104.302	P[4]
V	40	977.067	84.296	80.291	80.543	80.039	V[3]
S	41	998.825	59.529	55.524	55.776	55.272	S[2]
E	42	1031.065	37.771	33.766	34.018	33.514	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.77
- ▶ F113280.dat
- ▶ query=q54407_p1
- ▶ precursor=746.425950
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4473.515	4467.496	0.000	4456.480	S 41
G 2	304.098	4344.473	4328.454	0.000	4327.448	G 40
R 3	360.199	4207.451	4271.432	4272.440	4270.423	R 39
G 4	417.220	4131.350	4115.331	4116.339	4114.323	G 38
K 5	543.315	4074.329	4058.310	4059.318	4057.302	K 37
T 6	646.363	3946.234	3930.215	3931.223	3929.207	T 36
G 7	703.385	3845.186	3829.167	3830.175	3828.159	G 35
G 8	760.406	3788.164	3772.146	3773.153	3771.138	G 34
K 9	888.501	3731.143	3715.124	3716.132	3714.116	K 33
A 10	959.538	3603.048	3587.029	3588.037	3586.021	A 32
R 11	1115.639	3532.011	3515.992	3517.000	3514.984	R 31
A 12	1186.676	3376.930	3359.911	3360.909	3358.893	A 30
R 13	1314.673	3304.873	3288.854	3289.862	3287.846	R 29
A 14	1385.808	3176.778	3160.759	3161.767	3159.751	A 28
K 15	1511.903	3105.741	3089.722	3090.730	3088.714	K 27
S 16	1600.935	2977.646	2961.627	2962.635	2960.619	S 26
R 17	1757.037	2890.614	2874.595	2875.603	2873.587	R 25
S 18	1844.089	2734.512	2718.494	2719.502	2717.486	S 24
S 19	1931.101	2647.480	2631.462	2632.470	2630.454	S 23
R 20	2087.202	2560.448	2544.430	2545.437	2543.421	R 22
A 21	2158.239	2404.347	2388.329	2389.336	2387.321	A 21
G 22	2215.260	2333.310	2317.291	2318.299	2316.284	G 20
L 23	2328.344	2276.289	2260.270	2261.278	2259.262	L 19
G 24	2459.403	2183.255	2167.236	2168.244	2166.229	G 18
F 25	2603.471	2036.146	2019.127	2020.135	2018.120	F 17
P 26	2700.524	1888.078	1872.059	1873.067	1871.051	P 16
V 27	2799.592	1791.025	1775.006	1776.014	1774.998	V 15
G 28	2856.614	1691.956	1675.938	1676.946	1674.930	G 14
R 29	3012.715	1634.935	1618.916	1619.924	1617.908	R 13
V 30	3113.783	1476.844	1460.825	1461.833	1460.809	V 12
H 31	3248.842	1379.785	1363.767	1364.775	1362.759	H 11
R 32	3404.943	1242.707	1226.688	1227.696	1225.680	R 10
L 33	3518.026	1086.605	1070.587	1071.595	1069.579	L 9
L 34	3611.112	973.521	957.503	958.510	956.495	L 8
R 35	3787.213	860.437	844.419	845.426	843.411	R 7
K 36	3919.268	704.316	688.297	689.305	687.291	K 6
G 37	3972.329	676.241	660.223	661.230	659.215	G 5
H 38	4109.388	519.220	503.201	504.209	502.193	H 4
V 39	4272.451	382.161	366.142	367.150	365.134	V 3
A 40	4341.489	219.098	203.079	204.087	202.071	A 2
E 41	4472.531	148.060	132.042	133.050	131.034	E 1

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.77
- ▶ F113280.dat
- ▶ query=q54407_p1
- ▶ precursor=746.425950
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2237.261	2239.262	0.504	2238.740	S[41]
G	2	102.563	2172.740	2164.731	0.504	2164.227	G[40]
R	3	180.603	2144.229	2136.220	2136.724	2135.718	R[39]
G	4	209.114	2096.179	2058.189	2058.673	2057.665	G[38]
K	5	273.161	2037.668	2029.659	2029.659	2029.155	K[37]
T	6	313.689	1979.621	1965.611	1966.115	1966.107	T[36]
G	7	352.198	1921.097	1905.587	1915.591	1914.582	G[35]
G	8	380.707	1864.588	1886.576	1887.080	1886.073	G[34]
K	9	444.754	1806.075	1858.066	1858.570	1857.562	K[33]
A	10	480.273	1802.028	1794.018	1794.522	1793.514	A[32]
R	11	520.823	1756.500	1758.500	1759.004	1757.996	R[31]
A	12	591.842	1688.452	1680.440	1680.943	1679.943	A[30]
R	13	657.889	1652.940	1644.931	1645.435	1644.427	R[29]
A	14	693.408	1588.892	1580.883	1581.387	1580.379	A[28]
K	15	757.455	1553.374	1545.365	1545.868	1544.861	K[27]
S	16	800.971	1489.320	1481.317	1481.821	1480.813	S[26]
R	17	879.822	1445.810	1437.801	1438.305	1437.297	R[25]
S	18	922.538	1387.760	1389.760	1389.254	1389.244	S[24]
S	19	966.054	1324.244	1316.234	1316.738	1315.731	S[23]
R	20	1044.104	1280.728	1272.719	1273.222	1272.215	R[22]
A	21	1079.623	1202.677	1194.668	1195.172	1194.164	A[21]
G	22	1108.134	1167.159	1159.149	1159.653	1158.645	G[20]
L	23	1164.676	1130.640	1130.639	1131.143	1130.135	L[19]
G	24	1228.705	1082.120	1074.109	1074.601	1073.593	G[18]
F	25	1302.239	1018.077	1010.067	1010.571	1009.563	F[17]
P	26	1350.766	944.542	936.533	937.037	936.029	P[16]
V	27	1400.300	896.016	888.007	888.511	887.503	V[15]
G	28	1428.811	846.482	838.473	838.976	837.969	G[14]
D	29	1506.861	812.971	809.962	810.466	809.458	D[13]
V	30	1556.395	739.921	731.911	732.415	731.407	V[12]
H	31	1624.925	690.388	682.377	682.881	681.873	H[11]
R	32	1702.975	601.857	613.848	614.351	613.344	R[10]
L	33	1759.517	543.800	535.797	536.301	535.293	L[9]
L	34	1816.059	487.264	479.255	479.759	478.751	L[8]
R	35	1884.110	430.722	422.713	423.217	422.209	R[7]
K	36	1958.157	382.672	384.662	385.166	384.158	K[6]
G	37	1986.668	288.624	280.615	281.119	280.111	G[5]
H	38	2065.198	200.114	252.104	252.608	251.600	H[4]
V	39	2136.729	191.584	183.575	184.079	183.071	V[3]
A	40	2172.248	110.052	102.043	102.547	101.539	A[2]
E	41	2236.789	74.532	66.524	67.028	66.021	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.77
- ▶ F113280.dat
- ▶ query=q54407_p1
- ▶ precursor=746.425950
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	#±1	#±2	z	AA
S	1	49.697	1491.843	1488.565	0.672	1489.187	S[41]
G	2	66.704	1448.820	1443.480	0.672	1443.154	G[40]
R	3	130.738	1420.823	1424.482	1424.818	1424.146	R[39]
G	4	139.745	1377.788	1372.449	1372.785	1372.111	G[38]
K	5	182.443	1358.781	1353.441	1353.777	1353.105	K[37]
T	6	238.226	1338.083	1310.743	1311.079	1310.401	T[36]
G	7	255.133	1302.830	1277.061	1277.397	1276.720	G[35]
G	8	254.140	1263.963	1258.623	1258.389	1257.711	G[34]
K	9	296.839	1244.388	1239.048	1239.382	1238.710	K[33]
A	10	320.518	1201.688	1196.348	1196.684	1196.017	A[32]
R	11	372.551	1178.088	1172.688	1173.005	1172.383	R[31]
A	12	389.230	1128.919	1123.619	1123.916	1120.299	A[30]
K	13	438.929	1102.296	1096.956	1097.292	1096.625	K[29]
A	14	482.688	1059.597	1054.258	1054.594	1053.927	A[28]
K	15	509.306	1035.918	1030.579	1030.915	1030.243	K[27]
S	16	534.317	993.220	987.880	988.216	987.545	S[26]
R	17	586.250	984.200	958.870	959.206	958.534	R[25]
S	18	615.983	932.176	926.837	927.172	926.505	S[24]
S	19	644.372	883.165	877.825	878.161	877.489	S[23]
R	20	696.405	854.154	848.815	849.151	848.479	R[22]
A	21	720.084	802.121	796.781	797.117	796.445	A[21]
G	22	759.062	778.442	773.102	773.438	772.766	G[20]
L	23	778.788	759.434	754.094	754.430	753.759	L[19]
Q	24	819.472	721.740	716.400	716.736	716.064	Q[18]
F	25	868.495	679.054	673.714	674.050	673.378	F[17]
F	26	900.946	630.031	624.691	625.027	624.355	F[16]
V	27	933.889	597.680	592.340	592.676	592.004	V[15]
G	28	952.876	558.051	552.711	553.047	552.375	G[14]
R	29	1004.919	545.650	540.310	540.646	539.974	R[13]
V	30	1037.933	491.616	486.276	486.612	485.941	V[12]
H	31	1083.619	460.593	455.253	455.589	454.918	H[11]
R	32	1135.653	414.907	409.567	409.903	409.232	R[10]
L	33	1173.347	362.873	357.533	357.870	357.198	L[9]
L	34	1211.042	328.178	322.838	323.174	322.502	L[8]
R	35	1253.328	287.484	282.144	282.480	281.808	R[7]
K	36	1305.774	235.460	230.120	230.457	229.785	K[6]
G	37	1354.781	192.752	187.412	187.748	187.076	G[5]
H	38	1370.468	173.745	168.405	168.741	168.069	H[4]
V	39	1424.822	128.098	122.758	123.094	122.422	V[3]
A	40	1468.903	83.304	77.964	78.300	77.628	A[2]
E	41	1491.515	50.025	44.685	45.021	44.349	E[1]

sp | P27661 | H2AX_MOUSE

[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.77
- ▶ F113280.dat
- ▶ query=q54407.p1
- ▶ precursor=746.425950
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	17.526	1119.134	1116.190	0.755	1114.878	S 41
G 2	51.780	1086.874	1082.889	0.755	1082.617	G 40
R 3	90.805	1072.618	1068.614	1068.866	1068.367	R 39
G 4	105.061	1033.593	1029.588	1029.940	1029.339	G 38
K 5	137.084	1019.338	1015.333	1015.585	1015.081	K 37
T 6	162.346	997.314	983.309	983.561	983.057	T 36
G 7	178.602	962.052	958.047	958.299	957.795	G 35
G 8	190.857	947.797	943.792	944.044	943.540	G 34
K 9	222.891	933.541	929.537	929.788	929.285	K 33
A 10	240.640	903.517	897.513	897.765	897.261	A 32
R 11	279.695	883.750	879.753	880.005	879.502	R 31
A 12	297.425	844.733	840.728	840.980	840.476	A 30
K 13	329.448	828.974	822.969	823.221	822.717	K 29
A 14	347.208	794.950	790.945	791.197	790.693	A 28
K 15	379.231	777.191	773.186	773.438	772.934	K 27
S 16	400.989	745.167	741.162	741.414	740.910	S 26
R 17	440.035	723.400	719.404	719.696	719.152	R 25
S 18	483.773	694.384	690.379	690.631	690.127	S 24
S 19	483.531	662.626	658.621	658.873	658.369	S 23
R 20	522.556	640.869	636.863	637.115	636.611	R 22
A 21	540.315	601.847	597.838	598.090	597.586	A 21
G 22	584.571	584.083	580.078	580.330	579.826	G 20
L 23	582.842	569.828	565.823	566.075	565.571	L 19
G 24	614.856	543.557	537.553	537.804	537.300	G 18
F 25	651.823	509.542	505.537	505.789	505.285	F 17
P 26	675.888	472.775	468.770	469.022	468.518	P 16
V 27	700.694	448.512	444.507	444.759	444.255	V 15
G 28	714.909	423.745	419.740	419.992	419.488	G 14
R 29	753.034	409.480	405.485	405.736	405.233	R 13
Y 30	719.901	379.464	369.459	369.711	369.207	Y 12
H 31	812.968	345.697	341.692	341.944	341.440	H 11
R 32	851.991	311.432	307.427	307.679	307.175	R 10
L 33	880.262	273.407	268.402	268.654	268.150	L 9
L 34	908.533	244.130	240.131	240.383	239.879	L 8
R 35	947.559	215.865	211.860	212.112	211.608	R 7
L 36	979.582	178.849	172.835	173.087	172.583	L 6
G 37	893.538	144.810	140.811	141.063	140.559	G 5
H 38	1028.102	130.560	126.556	126.808	126.304	H 4
Y 39	1068.868	96.296	92.291	92.543	92.039	Y 3
A 40	1098.628	55.530	51.525	51.777	51.273	A 2
E 41	1118.888	37.771	33.766	34.018	33.514	E 1

sp | P27661 | H2AX_MOUSE

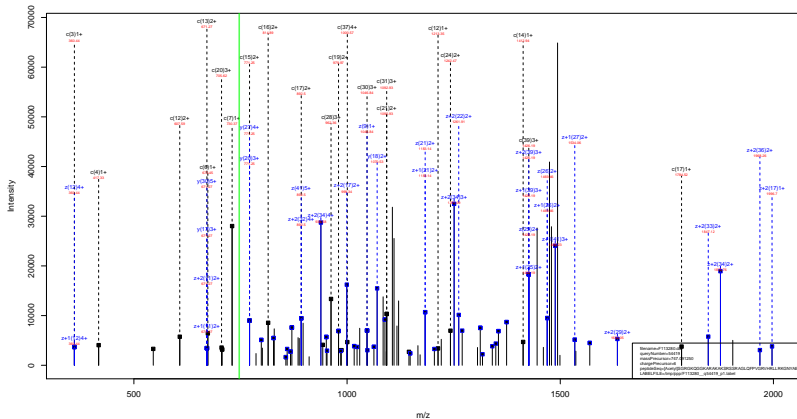
[Acetyl]SGRGKTGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGHYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.77
- ▶ F113280.dat
- ▶ query=q54407_p1
- ▶ precursor=746.425950
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S[1]	30.221	895.509	892.305	0.806	892.104	S[41]
G[2]	41.625	890.700	886.497	0.806	886.295	G[40]
R[3]	72.846	888.296	855.092	855.294	854.891	R[39]
G[4]	84.250	827.076	823.872	824.074	823.671	G[38]
K[5]	109.869	815.672	812.468	812.669	812.266	K[37]
T[6]	130.078	790.053	786.849	787.050	786.647	T[36]
G[7]	141.483	769.843	766.639	766.841	766.438	G[35]
G[8]	152.887	758.439	755.235	755.437	755.033	G[34]
K[9]	178.506	747.034	743.831	744.032	743.629	K[33]
A[10]	192.713	721.415	718.212	718.413	718.010	A[32]
R[11]	223.934	707.208	704.004	704.206	703.803	R[31]
A[12]	238.141	675.988	672.784	672.986	672.582	A[30]
K[13]	263.760	661.780	658.577	658.778	658.375	K[29]
A[14]	277.968	636.161	632.958	633.159	632.756	A[28]
K[15]	303.586	621.954	618.750	618.952	618.549	K[27]
S[16]	320.993	596.335	593.131	593.333	592.930	S[26]
R[17]	352.213	578.929	575.725	575.926	575.523	R[25]
S[18]	389.620	527.708	544.503	544.706	544.303	S[24]
S[19]	397.028	530.302	527.098	527.300	526.897	S[23]
R[20]	418.246	512.895	509.692	509.893	509.490	R[22]
A[21]	432.454	481.675	478.472	478.673	478.270	A[21]
G[22]	443.858	467.468	464.264	464.466	464.063	G[20]
L[23]	466.475	456.064	452.860	453.061	452.658	L[19]
Q[24]	492.089	433.447	430.243	430.445	430.041	Q[18]
F[25]	521.500	407.835	404.631	404.833	404.430	F[17]
P[26]	540.911	378.421	375.218	375.419	375.016	P[16]
V[27]	560.724	359.011	355.807	356.009	355.605	V[15]
G[28]	572.129	339.191	335.987	336.189	335.782	G[14]
R[29]	603.349	327.793	324.589	324.791	324.388	R[13]
V[30]	623.163	296.573	293.369	293.570	293.167	V[12]
H[31]	650.574	276.759	273.555	273.757	273.354	H[11]
R[32]	681.795	249.347	246.143	246.345	245.942	R[10]
L[33]	704.411	218.127	214.923	215.125	214.722	L[9]
L[34]	727.628	195.510	192.306	192.508	192.105	L[8]
R[35]	758.248	172.893	169.689	169.891	169.488	R[7]
K[36]	783.867	141.673	138.469	138.671	138.268	K[6]
G[37]	799.272	116.054	112.850	113.052	112.649	G[5]
H[38]	822.683	104.650	101.446	101.648	101.244	H[4]
V[39]	855.296	77.238	74.034	74.236	73.833	V[3]
A[40]	869.504	44.625	41.422	41.623	41.220	A[2]
E[41]	895.312	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGQGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}



sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNAYE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.44
- ▶ F113280.dat
- ▶ query=q54419.p1
- ▶ precursor=747.091250
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4477.530	4461.481	0.000	4460.483	S[41]
G	2	204.098	4348.467	4332.440	0.000	4331.441	G[40]
R	3	360.199	4291.448	4275.429	4276.435	4274.419	R[39]
G	4	417.220	4135.345	4119.320	4120.334	4118.310	G[38]
K	5	545.315	4078.323	4062.305	4063.313	4061.297	K[37]
Q	6	673.374	3985.208	3974.210	3975.218	3973.202	Q[36]
G	7	730.395	3922.193	3899.151	3907.159	3895.142	G[35]
G	8	787.417	3765.148	3749.130	3750.138	3748.122	G[34]
K	9	915.512	3708.127	3692.108	3693.116	3691.100	K[33]
A	10	986.549	3530.032	3504.013	3505.021	3503.005	A[32]
R	11	1142.650	3538.995	3492.970	3493.984	3491.966	R[31]
A	12	1213.687	3352.894	3338.875	3337.883	3335.867	A[30]
R	13	1381.782	3281.857	3265.838	3266.846	3264.830	R[29]
A	14	1412.819	3153.762	3137.743	3138.751	3136.735	A[28]
K	15	1540.914	3082.725	3066.706	3067.714	3065.698	K[27]
S	16	1827.946	2954.630	2938.611	2939.619	2937.603	S[26]
R	17	1784.047	2867.598	2851.579	2852.587	2850.571	R[25]
S	18	1871.979	2713.495	2699.471	2698.488	2696.470	S[24]
S	19	1958.111	2624.464	2608.448	2609.454	2607.438	S[23]
R	20	2114.213	2537.432	2521.414	2522.422	2520.406	R[22]
A	21	2185.250	2491.431	2485.413	2486.420	2484.405	A[21]
G	22	2242.271	2310.294	2294.275	2295.283	2293.268	G[20]
L	23	2485.388	2253.273	2237.258	2238.262	2236.246	L[19]
Q	24	2483.414	2149.189	2134.170	2135.178	2133.162	Q[18]
F	25	2630.482	2012.130	1996.111	1997.119	1995.104	F[17]
F	26	2727.535	1895.062	1849.043	1850.051	1848.035	F[16]
V	27	2826.603	1768.009	1753.990	1752.998	1750.982	V[15]
G	28	2883.625	1668.940	1652.922	1653.930	1651.914	G[14]
D	29	2939.720	1611.919	1595.900	1596.908	1594.892	D[13]
V	30	3138.794	1495.818	1479.799	1480.807	1478.791	V[12]
H	31	3275.853	1356.749	1340.731	1341.739	1339.723	H[11]
R	32	3431.964	1219.691	1203.672	1204.680	1202.664	R[10]
L	33	3545.038	1063.589	1047.571	1048.579	1046.563	L[9]
L	34	3658.123	950.505	934.487	935.495	933.479	L[8]
R	35	3814.224	837.421	821.403	822.410	820.395	R[7]
K	36	3942.319	681.320	665.302	666.309	664.293	K[6]
G	37	3999.340	553.225	537.207	538.214	536.199	G[5]
N	38	4113.383	496.204	480.185	481.193	479.177	N[4]
V	39	4276.446	382.101	366.143	367.150	365.134	V[3]
A	40	4347.463	219.098	203.079	204.087	202.071	A[2]
E	41	4476.528	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.44
- ▶ F113280.dat
- ▶ query=q54419_p1
- ▶ precursor=747.091250
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	74.062	2239.259	2231.260	8.804	2230.147	S(41)
G	2	102.553	2174.737	2166.738	0.504	2166.254	G(40)
R	3	180.603	2146.227	2138.217	2138.921	2137.713	R(39)
G	4	209.114	2068.176	2060.167	2060.671	2059.663	G(38)
K	5	273.161	2039.665	2031.656	2032.160	2031.152	K(37)
G	6	327.194	1975.616	1967.606	1968.112	1967.105	G(36)
G	7	365.703	1911.569	1903.579	1904.083	1903.075	G(35)
G	8	394.212	1883.078	1875.088	1875.572	1874.565	G(34)
K	9	458.260	1854.567	1846.558	1847.062	1846.054	K(33)
A	10	493.778	1790.520	1782.510	1783.014	1782.006	A(32)
R	11	577.829	1735.001	1726.992	1727.496	1726.488	R(31)
A	12	607.347	1678.954	1668.943	1669.446	1668.439	A(30)
K	13	671.395	1643.433	1633.423	1633.927	1632.919	K(29)
A	14	706.913	1577.384	1569.375	1569.879	1568.871	A(28)
K	15	770.961	1541.866	1533.857	1534.360	1533.351	K(27)
S	16	814.477	1477.818	1469.809	1470.313	1469.305	S(26)
R	17	892.527	1434.302	1426.293	1426.797	1425.789	R(25)
S	18	928.613	1369.263	1360.253	1348.746	1347.739	S(24)
S	19	979.559	1312.736	1304.726	1305.230	1304.223	S(23)
R	20	1057.610	1269.220	1261.210	1261.714	1260.707	R(22)
A	21	1093.128	1191.169	1183.160	1183.664	1182.656	A(21)
G	22	1121.639	1135.051	1147.641	1148.145	1147.137	G(20)
L	23	1179.383	1119.140	1110.130	1110.634	1109.626	L(19)
Q	24	1242.211	1070.598	1062.589	1063.093	1062.085	Q(18)
F	25	1315.745	1006.509	998.509	999.063	998.055	F(17)
F	26	1364.271	933.034	925.035	925.539	924.531	F(16)
V	27	1413.805	884.506	876.496	877.003	876.005	V(15)
G	28	1462.316	834.074	826.064	827.468	826.461	G(14)
R	29	1520.369	806.483	798.454	798.958	797.950	R(13)
V	30	1569.901	729.413	720.403	720.907	719.899	V(12)
H	31	1638.430	678.878	670.869	671.373	670.365	H(11)
R	32	1716.481	610.349	602.340	602.843	601.835	R(10)
L	33	1773.023	532.269	524.269	524.793	523.785	L(9)
L	34	1829.566	478.756	469.747	469.251	468.243	L(8)
R	35	1907.615	419.214	411.205	411.709	410.701	R(7)
K	36	1971.663	341.164	333.154	333.658	332.650	K(6)
G	37	2000.174	277.116	269.107	269.611	268.603	G(5)
N	38	2057.195	248.606	240.596	241.100	240.092	N(4)
V	39	2136.727	181.564	183.575	184.079	183.071	V(3)
A	40	2114.265	110.026	102.043	102.547	101.539	A(2)
E	41	2238.767	74.534	66.524	67.028	66.021	E(1)

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=39.44
- ▶ F113280.dat
- ▶ query=q54419_p1
- ▶ precursor=747.091250
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.607	1392.178	1487.835	8.872	2487.407	S[41]
G	2	66.704	1450.181	1444.531	0.672	1444.485	G[40]
R	3	1307.718	1431.154	1425.814	1426.150	1425.478	R[39]
G	4	139.745	1379.120	1373.780	1374.116	1373.444	G[38]
K	5	182.443	1350.113	1354.773	1355.109	1354.437	K[37]
G	6	225.130	1317.414	1312.075	1312.411	1311.730	G[36]
G	7	244.137	1274.325	1268.969	1269.725	1269.045	G[35]
G	8	263.144	1255.721	1250.381	1250.717	1250.045	G[34]
K	9	305.642	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	329.521	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	381.555	1170.336	1164.997	1165.333	1164.661	R[31]
A	12	405.234	1138.303	1132.963	1133.300	1132.624	A[30]
K	13	447.932	1094.624	1089.284	1089.620	1088.948	K[29]
A	14	491.611	1051.925	1046.586	1046.922	1046.250	A[28]
K	15	514.310	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	543.320	985.548	980.208	980.544	979.873	S[26]
R	17	585.254	956.537	951.198	951.534	950.862	R[25]
S	18	624.365	904.504	898.164	898.500	897.825	S[24]
S	19	653.375	875.493	870.153	870.489	869.817	S[23]
R	20	705.409	846.482	841.143	841.479	840.807	R[22]
A	21	729.088	794.449	789.109	789.445	788.773	A[21]
G	22	748.095	770.770	765.430	765.766	765.094	G[20]
L	23	785.990	740.762	735.423	735.759	735.087	L[19]
G	24	828.476	714.085	708.745	709.084	708.412	G[18]
F	25	877.409	671.382	666.042	666.378	665.707	F[17]
F	26	909.950	622.359	617.019	617.355	616.683	F[16]
V	27	942.873	590.006	584.666	585.004	584.332	V[15]
G	28	961.880	558.985	553.645	553.981	553.309	G[14]
R	29	1013.914	537.978	532.638	532.974	532.302	R[13]
V	30	1046.936	485.944	480.604	480.941	480.269	V[12]
H	31	1092.623	452.921	447.582	447.918	447.246	H[11]
R	32	1144.656	407.235	401.895	402.231	401.560	R[10]
L	33	1182.351	355.201	349.862	350.198	349.526	L[9]
L	34	1230.046	319.509	314.169	314.505	313.833	L[8]
R	35	1272.079	279.812	274.472	274.808	274.136	R[7]
K	36	1314.778	227.778	222.438	222.775	222.103	K[6]
G	37	1333.785	185.080	179.740	180.076	179.404	G[5]
N	38	1371.799	146.073	140.733	141.069	140.397	N[4]
V	39	1426.154	108.098	102.758	103.095	102.423	V[3]
A	40	1449.813	73.348	68.008	68.344	67.672	A[2]
E	41	1492.847	30.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN~~YAE~~

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=39.44
- ▶ F113280.dat
- ▶ query=q54419_p1
- ▶ precursor=747.091250
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	17.526	1120.193	1116.138	0.755	1115.878	S 41
G 2	51.780	1087.872	1083.808	0.755	1083.618	G 40
R 3	90.805	1073.617	1069.612	1069.864	1069.360	R 39
G 4	105.061	1034.592	1030.587	1030.839	1030.335	G 38
K 5	137.084	1020.336	1016.332	1016.384	1016.080	K 37
G 6	169.099	988.313	984.308	984.560	984.056	G 36
G 7	183.394	996.288	992.293	992.545	992.041	G 35
G 8	197.610	942.043	938.038	938.290	937.786	G 34
K 9	229.633	927.787	923.783	924.034	923.531	K 33
A 10	247.303	895.763	891.758	892.011	891.507	A 32
R 11	286.418	878.004	873.999	874.251	873.748	R 31
A 12	304.177	838.978	834.974	835.226	834.723	A 30
K 13	338.201	821.220	817.215	817.467	816.964	K 29
A 14	353.960	789.198	785.193	785.443	784.939	A 28
K 15	385.984	771.437	767.432	767.684	767.180	K 27
S 16	407.742	739.413	735.408	735.660	735.156	S 26
R 17	446.767	717.895	713.890	714.142	713.638	R 25
S 18	468.526	678.639	674.635	674.887	674.373	S 24
S 19	490.283	656.872	652.867	653.119	652.615	S 23
R 20	529.309	635.114	631.109	631.361	630.857	R 22
A 21	547.068	606.089	602.084	602.336	601.833	A 21
G 22	561.323	578.329	574.324	574.576	574.072	G 20
L 23	589.594	564.074	560.069	560.321	559.817	L 19
G 24	623.609	535.803	531.798	532.050	531.546	G 18
F 25	658.376	503.788	499.783	500.035	499.531	F 17
P 26	682.639	487.021	483.016	483.268	482.764	P 16
V 27	707.406	442.759	438.753	439.005	438.501	V 15
G 28	721.662	417.991	413.986	414.238	413.734	G 14
R 29	760.687	401.735	397.731	399.982	399.478	R 13
V 30	785.454	384.710	380.705	380.957	380.453	V 12
H 31	819.719	359.943	355.938	356.190	355.686	H 11
R 32	858.744	305.676	301.673	301.925	301.421	R 10
L 33	887.015	266.651	262.648	262.900	262.396	L 9
L 34	915.286	238.382	234.377	234.629	234.125	L 8
R 35	954.511	210.111	206.106	206.358	205.854	R 7
K 36	986.135	171.086	167.083	167.335	166.829	K 6
G 37	1000.590	139.062	135.057	135.309	134.805	G 5
N 38	1029.101	124.808	120.802	121.054	120.550	N 4
V 39	1069.867	96.296	92.291	92.543	92.039	V 3
A 40	1087.626	55.530	51.525	51.777	51.273	A 2
E 41	1119.887	37.771	33.766	34.018	33.514	E 1

sp | Q6GSS7 | H2A2A_MOUSE

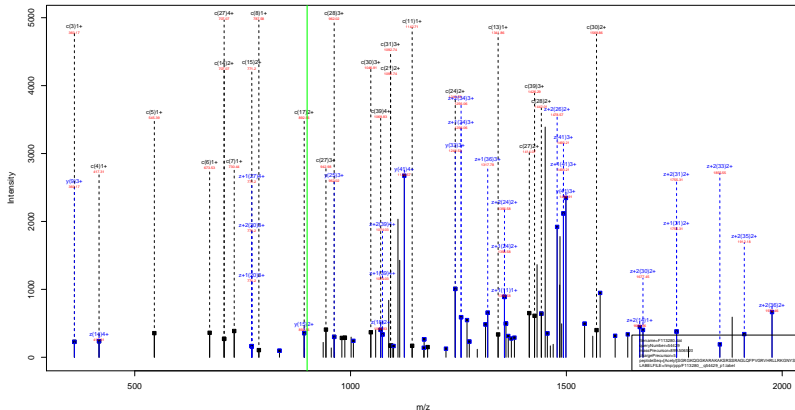
[Acetyl]SGRGGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAE

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=39.44
- ▶ F113280.dat
- ▶ query=q54419_p1
- ▶ precursor=747.091250
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA
S	1	30.221	306.308	893.104	0.806	892.903 S[41]
G	2	41.625	870.499	867.296	0.806	867.094 G[40]
R	3	72.846	859.095	855.891	856.093	855.690 R[39]
G	4	84.250	827.875	824.671	824.873	824.469 G[38]
K	5	109.869	816.471	813.267	813.468	813.065 K[37]
Q	6	135.481	790.852	787.648	787.849	787.446 Q[36]
G	7	146.885	765.240	762.036	762.238	761.834 G[35]
G	8	158.289	751.836	750.632	750.833	750.430 G[34]
K	9	183.908	742.431	739.227	739.429	739.026 K[33]
A	10	198.116	716.812	713.608	713.810	713.407 A[32]
R	11	229.336	702.605	699.401	699.603	699.199 R[31]
A	12	243.543	671.385	668.181	668.382	667.979 A[30]
K	13	269.162	657.177	653.973	654.175	653.772 K[29]
A	14	283.370	631.558	628.354	628.556	628.153 A[28]
K	15	308.989	617.351	614.147	614.349	613.945 K[27]
S	16	326.395	591.732	588.528	588.730	588.326 S[26]
R	17	357.615	574.325	571.122	571.323	570.920 R[25]
S	18	375.022	548.705	545.501	545.703	545.300 S[24]
S	19	392.428	523.089	522.485	522.687	522.283 S[23]
R	20	423.648	508.292	505.089	505.290	504.887 R[22]
A	21	437.856	477.072	473.868	474.070	473.667 A[21]
G	22	449.260	462.865	459.661	459.862	459.459 G[20]
L	23	471.877	451.460	448.257	448.458	448.055 L[19]
Q	24	497.489	428.844	425.640	425.841	425.438 Q[18]
F	25	528.902	403.232	400.028	400.230	399.827 F[17]
P	26	546.313	373.816	370.614	370.816	370.413 P[16]
V	27	565.126	354.408	351.203	351.405	351.002 V[15]
G	28	577.531	334.994	331.790	331.992	331.589 G[14]
R	29	608.751	323.190	319.986	320.187	319.784 R[13]
V	30	628.565	291.969	288.766	288.967	288.564 V[12]
H	31	658.976	272.156	268.952	269.154	268.750 H[11]
K	32	687.197	244.744	241.540	241.742	241.339 K[10]
L	33	709.814	213.524	210.320	210.522	210.118 L[9]
L	34	732.430	190.907	187.703	187.905	187.502 L[8]
R	35	763.651	168.290	165.086	165.288	164.885 R[7]
K	36	789.270	137.070	133.866	134.068	133.665 K[6]
G	37	830.074	111.451	108.247	108.449	108.046 G[5]
N	38	823.482	100.047	96.843	97.044	96.641 N[4]
V	39	856.095	77.238	74.034	74.236	73.833 V[3]
A	40	870.303	44.625	41.422	41.623	41.220 A[2]
E	41	896.111	30.418	27.214	27.416	27.013 E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYS



sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.02
- ▶ F113280.dat
- ▶ query=q54429_p1
- ▶ precursor=899.506520
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4463.595	4477.486	0.000	4476.476	S[41]
G	2	204.098	4384.462	4348.444	0.000	4347.436	G[40]
R	3	360.199	4307.441	4291.422	4392.430	4290.414	R[39]
G	4	417.220	4151.340	4135.321	4136.329	4134.313	G[38]
K	5	545.315	4094.318	4078.300	4079.307	4077.292	K[37]
Q	6	673.374	3999.273	3959.255	3951.272	3949.197	Q[36]
G	7	730.395	3838.165	3822.146	3823.154	3821.138	G[35]
G	8	787.417	3781.143	3765.125	3766.132	3764.117	G[34]
K	9	915.512	3724.122	3708.103	3709.111	3707.095	K[33]
A	10	986.549	3596.027	3580.008	3581.016	3579.000	A[32]
R	11	1142.650	3524.990	3508.971	3509.979	3507.963	R[31]
A	12	1211.667	3388.889	3372.870	3373.878	3371.862	A[30]
R	13	1341.782	3297.852	3281.833	3282.841	3280.825	R[29]
A	14	1412.819	3169.757	3153.738	3154.746	3152.730	A[28]
K	15	1540.914	3098.719	3082.701	3083.709	3081.693	K[27]
S	16	1627.946	2976.625	2954.606	2955.614	2953.598	S[26]
R	17	1784.047	2883.582	2867.574	2868.582	2866.566	R[25]
S	18	1871.079	2727.491	2711.473	2712.480	2710.465	S[24]
S	19	1958.111	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2114.213	2553.427	2537.409	2538.416	2536.401	R[22]
A	21	2185.250	2397.335	2381.307	2382.315	2380.300	A[21]
G	22	2242.271	2336.289	2310.270	2311.278	2309.263	G[20]
L	23	2385.388	2209.208	2203.249	2204.267	2202.241	L[19]
Q	24	2483.414	2156.184	2140.165	2141.173	2139.157	Q[18]
F	25	2630.482	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2727.535	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2826.603	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2883.625	1684.935	1668.917	1669.924	1667.909	G[14]
D	29	2930.226	1627.914	1611.895	1612.903	1610.888	D[13]
V	30	3138.794	1477.811	1455.794	1456.802	1454.786	V[12]
H	31	3275.853	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3431.964	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3545.038	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3658.121	966.500	950.482	951.489	949.474	L[8]
T	35	3814.224	853.418	837.399	838.406	836.390	T[7]
K	36	3942.319	697.315	681.296	682.304	680.289	K[6]
G	37	3999.340	569.220	553.201	554.209	552.194	G[5]
N	38	4113.383	512.109	496.180	497.188	495.172	N[4]
V	39	4276.446	398.159	382.137	383.145	381.129	V[3]
S	40	4363.478	235.062	219.074	220.082	218.066	S[2]
E	41	4492.521	148.060	132.042	133.050	131.034	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.02
- ▶ F113280.dat
- ▶ query=q54429.p1
- ▶ precursor=899.506520
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2247.256	2229.267	8.804	2238.74	S[41]
G	2	102.553	2182.735	2174.725	0.504	2174.222	G[40]
R	3	180.603	2154.224	2146.215	2146.719	2145.711	R[39]
G	4	209.114	2076.174	2068.164	2068.666	2067.660	G[38]
K	5	273.161	2047.663	2039.653	2040.157	2039.150	K[37]
G	6	327.194	1988.615	1975.605	1976.110	1975.102	G[36]
G	7	385.704	1919.566	1911.577	1912.081	1911.077	G[35]
G	8	394.212	1891.075	1883.086	1883.570	1882.562	G[34]
K	9	458.260	1862.565	1854.555	1855.059	1854.051	K[33]
A	10	493.778	1798.517	1790.508	1791.012	1790.004	A[32]
R	11	571.820	1762.999	1754.989	1755.493	1754.485	R[31]
A	12	607.337	1684.948	1676.938	1677.443	1676.435	A[30]
R	13	671.395	1649.420	1641.430	1641.924	1640.915	R[29]
A	14	706.913	1585.383	1577.373	1577.876	1576.869	A[28]
K	15	770.961	1549.861	1541.854	1542.358	1541.350	K[27]
S	16	814.477	1485.816	1477.807	1478.310	1477.303	S[26]
R	17	892.527	1442.300	1434.291	1434.794	1433.786	R[25]
S	18	936.913	1384.249	1376.240	1376.744	1375.736	S[24]
S	19	979.559	1320.731	1312.724	1313.228	1312.220	S[23]
R	20	1057.610	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1093.128	1219.167	1211.157	1211.661	1210.653	A[21]
G	22	1171.639	1163.648	1155.639	1156.143	1155.135	G[20]
L	23	1178.181	1138.137	1130.127	1130.631	1129.623	L[19]
Q	24	1242.211	1078.595	1070.585	1071.089	1070.082	Q[18]
F	25	1315.745	1014.566	1006.557	1007.061	1006.053	F[17]
F	26	1364.271	941.033	933.023	933.526	932.519	F[16]
V	27	1413.805	892.506	884.496	885.000	883.992	V[15]
G	28	1442.316	842.971	834.962	835.466	834.458	G[14]
R	29	1520.827	814.461	806.451	806.955	805.947	R[13]
V	30	1569.901	736.410	728.401	728.905	727.897	V[12]
H	31	1638.430	688.876	678.866	679.370	678.363	H[11]
L	32	1716.461	618.346	610.337	610.841	609.833	L[10]
R	33	1773.023	540.296	532.286	532.790	531.783	R[9]
L	34	1829.568	469.754	459.744	459.248	458.241	L[8]
R	35	1907.615	427.212	419.202	419.706	418.699	R[7]
K	36	1971.663	349.161	341.152	341.656	340.648	K[6]
G	37	2000.174	285.114	277.104	277.608	276.600	G[5]
N	38	2057.195	256.603	248.594	249.098	248.090	N[4]
V	39	2138.227	199.562	191.572	192.076	191.068	V[3]
S	40	2192.243	118.056	110.047	110.551	109.543	S[2]
E	41	2246.764	74.534	66.524	67.028	66.021	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.02
- ▶ F113280.dat
- ▶ query=q54429.p1
- ▶ precursor=899.506520
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	#s1	#s2	#s3	AA	
S	1	489.697	1498.507	1493.167	0.872	1492.831	S[41]
G	2	66.704	1455.492	1450.153	0.672	1449.817	G[49]
R	3	1307.738	1439.485	1431.140	1431.482	1430.810	R[39]
G	4	139.745	1384.451	1379.112	1379.448	1378.770	G[38]
K	5	182.443	1365.444	1360.105	1360.441	1359.769	K[37]
G	6	225.130	1322.746	1317.406	1317.742	1317.070	G[36]
G	7	244.137	1306.060	1274.729	1275.056	1274.384	G[35]
G	8	263.144	1261.051	1255.713	1256.049	1255.377	G[34]
K	9	305.642	1242.045	1236.706	1237.042	1236.370	K[33]
A	10	329.521	1199.341	1194.000	1194.344	1193.672	A[32]
R	11	381.555	1175.668	1170.329	1170.664	1169.993	R[31]
A	12	405.234	1129.835	1124.495	1124.838	1124.166	A[30]
R	13	447.932	1099.955	1094.615	1094.952	1094.280	R[29]
A	14	491.611	1057.257	1051.917	1052.253	1051.580	A[28]
K	15	514.310	1033.578	1028.238	1028.574	1027.902	K[27]
S	16	543.320	990.887	985.546	985.876	985.204	S[26]
R	17	595.254	961.869	956.529	956.865	956.193	R[25]
S	18	624.265	959.575	954.235	954.572	953.900	S[24]
S	19	653.275	980.825	875.485	875.821	875.149	S[23]
R	20	705.409	851.614	846.274	846.610	845.938	R[22]
A	21	729.088	799.789	794.441	794.777	794.105	A[21]
G	22	748.095	776.101	770.762	771.098	770.426	G[20]
L	23	785.790	752.094	746.754	747.090	746.418	L[19]
Q	24	828.419	719.366	714.026	714.366	713.694	Q[18]
F	25	897.409	676.713	671.374	671.710	671.038	F[17]
F	26	909.950	627.600	622.261	622.597	621.925	F[16]
V	27	942.873	595.139	590.000	590.336	589.664	V[15]
G	28	961.860	562.317	556.977	557.313	556.641	G[14]
R	29	1013.914	443.309	437.970	438.306	437.634	R[13]
V	30	1046.936	401.275	405.936	406.272	405.600	V[12]
H	31	1092.623	458.253	452.913	453.249	452.577	H[11]
R	32	1144.656	412.567	407.227	407.563	406.891	R[10]
L	33	1182.351	360.533	355.193	355.529	354.857	L[9]
L	34	1230.046	322.574	317.234	317.570	316.898	L[8]
R	35	1272.079	285.144	279.804	280.140	279.468	R[7]
K	36	1314.778	233.110	227.770	228.106	227.434	K[6]
G	37	1333.785	190.412	185.072	185.408	184.736	G[5]
N	38	1371.799	171.404	166.064	166.400	165.728	N[4]
V	39	1426.154	133.390	128.051	128.386	127.714	V[3]
S	40	1455.164	99.136	93.796	94.132	93.460	S[2]
E	41	1498.178	50.025	44.685	45.021	44.349	E[1]

sp | Q8BFU2 | H2A3_MOUSE

[Acetyl]SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=51.02
- ▶ F113280.dat
- ▶ query=q54429.p1
- ▶ precursor=899.506520
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1124.132	1130.137	0.755	1119.895	S 41
G 2	51.780	1091.971	1097.966	0.755	1087.614	G 40
R 3	90.805	1077.616	1073.611	1073.663	1073.359	R 39
G 4	105.061	1038.590	1034.586	1034.838	1034.334	G 38
K 5	137.084	1024.335	1020.330	1020.582	1020.078	K 37
Q 6	169.099	992.311	988.307	988.559	988.055	Q 36
G 7	203.354	950.290	946.282	946.544	946.040	G 35
G 8	197.810	946.041	942.037	942.289	941.785	G 34
K 9	229.633	931.788	927.781	928.033	927.529	K 33
A 10	247.393	899.762	895.757	896.009	895.506	A 32
R 11	286.418	882.003	877.998	878.250	877.746	R 31
A 12	304.177	842.978	838.973	839.225	838.721	A 30
R 13	336.201	825.218	821.214	821.466	820.962	R 29
A 14	353.960	793.195	789.190	789.442	788.938	A 28
K 15	385.984	775.435	771.431	771.683	771.179	K 27
S 16	407.742	743.412	739.407	739.659	739.155	S 26
R 17	446.267	721.854	717.849	718.101	717.597	R 25
S 18	468.526	682.629	678.624	678.876	678.372	S 24
S 19	490.283	660.870	656.866	657.118	656.614	S 23
R 20	529.309	639.112	635.108	635.360	634.856	R 22
A 21	547.068	600.089	596.082	596.334	595.830	A 21
Q 22	561.323	582.320	578.313	578.575	578.071	Q 20
L 23	589.334	568.072	564.068	564.320	563.816	L 19
Q 24	621.869	539.801	535.797	536.049	535.545	Q 19
F 25	658.376	507.781	503.782	504.034	503.530	F 17
P 26	682.639	471.020	467.015	467.267	466.763	P 16
V 27	707.406	446.750	442.752	443.004	442.500	V 15
G 28	721.662	421.989	417.985	418.237	417.733	G 14
R 29	760.887	407.734	403.729	403.981	403.477	R 13
H 30	785.454	388.759	384.754	384.996	384.452	H 12
H 31	819.719	343.942	339.937	340.189	339.685	H 11
R 32	858.744	309.677	305.672	305.924	305.420	R 10
L 33	887.015	270.652	266.647	266.899	266.395	L 9
L 34	915.286	242.381	238.376	238.628	238.124	L 8
R 35	954.313	214.113	210.108	210.360	209.856	R 7
R 36	986.335	175.084	171.080	171.332	170.828	R 6
G 37	1000.590	143.061	139.056	139.308	138.804	G 5
N 38	1029.101	128.805	124.800	125.052	124.548	N 4
V 39	1069.867	100.294	96.290	96.542	96.038	V 3
S 40	1091.625	99.529	95.524	95.776	95.272	S 2
E 41	1123.888	97.771	93.766	94.018	93.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHLLRKGNYSE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.52
- ▶ F113280.dat
- ▶ query=q54453_p1
- ▶ precursor=752.093360
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.521	4491.502	0.000	4490.494	S[41]
G	2	204.098	4378.478	4362.459	0.000	4361.451	G[46]
R	3	360.199	4321.457	4305.438	4306.446	4304.430	R[39]
K	4	417.220	4185.355	4149.337	4150.345	4148.329	K[38]
K	5	545.315	4108.334	4092.315	4093.323	4091.307	K[37]
Q	6	673.374	3989.239	3954.220	3955.228	3953.212	Q[36]
G	7	730.395	3852.180	3836.162	3837.170	3835.154	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.138	3722.119	3723.127	3721.111	K[33]
A	10	986.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.650	3539.955	3523.936	3524.944	3522.928	R[31]
A	12	1213.667	3382.904	3366.885	3367.893	3365.877	A[30]
K	13	1341.782	3311.867	3295.848	3296.856	3294.841	K[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1641.962	2984.640	2968.621	2969.629	2967.614	T[26]
K	17	1798.063	2883.592	2867.574	2868.582	2866.566	K[25]
S	18	1885.095	2727.493	2711.474	2712.482	2710.466	S[24]
S	19	1972.127	2648.459	2632.441	2633.448	2631.433	S[23]
R	20	2128.228	2563.427	2547.409	2548.416	2546.401	R[22]
A	21	2199.265	2397.326	2381.307	2382.315	2380.300	A[21]
G	22	2256.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2369.371	2269.268	2253.249	2254.257	2252.241	L[19]
Q	24	2497.459	2126.184	2110.165	2111.173	2109.157	Q[18]
F	25	2644.498	2028.125	2012.106	2013.114	2011.098	F[17]
P	26	2741.551	1981.057	1965.038	1966.046	1964.030	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3053.742	1627.914	1611.895	1612.903	1610.887	R[13]
V	30	3152.810	1471.813	1455.794	1456.802	1454.786	V[12]
I	31	3269.869	1372.744	1356.725	1357.734	1355.718	I[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.566	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.489	949.474	L[8]
R	35	3828.239	853.416	837.398	838.405	836.390	R[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
G	37	4013.358	569.220	553.201	554.209	552.194	G[5]
N	38	4127.399	512.199	496.180	497.188	495.172	N[4]
V	39	4290.482	398.156	382.137	383.145	381.129	V[3]
S	40	4377.494	235.062	219.074	220.082	218.066	S[2]
E	41	4506.537	148.060	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.52
- ▶ F113280.dat
- ▶ query=q54453.p1
- ▶ precursor=752.093360
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	74.062	2054.264	2266.255	0.804	2245.781	S[41]
G	2	102.553	2189.743	2381.733	0.504	2181.220	G[40]
R	3	180.603	2641.232	2153.233	2153.236	2152.710	R[39]
G	4	209.114	2083.181	2075.172	2075.676	2074.660	G[38]
K	5	273.181	2054.671	2046.661	2047.165	2046.157	K[37]
G	6	337.194	1690.622	1862.614	1863.118	1862.110	G[36]
G	7	385.703	3306.594	1619.584	1919.088	1919.080	G[35]
G	8	394.212	1898.083	1890.074	1890.578	1889.570	G[34]
K	9	458.260	1869.572	1861.563	1862.067	1861.059	K[33]
A	10	493.773	1895.525	1797.516	1798.019	1797.012	A[32]
R	11	571.829	1770.008	1761.997	1762.501	1761.493	R[31]
A	12	607.347	1692.969	1684.960	1684.960	1683.953	A[30]
R	13	671.395	1656.437	1648.428	1648.932	1647.924	R[29]
A	14	706.913	1592.900	1584.380	1584.884	1583.876	A[28]
K	15	770.961	1556.871	1548.862	1549.366	1548.358	K[27]
T	16	821.485	1492.824	1484.814	1485.318	1484.310	T[26]
R	17	899.535	1442.300	1434.291	1434.794	1433.787	R[25]
S	18	933.651	1384.249	1376.240	1376.744	1375.736	S[24]
S	19	986.567	1330.733	1322.724	1313.228	1312.220	S[23]
R	20	1064.618	1277.217	1269.208	1269.712	1268.704	R[22]
A	21	1100.136	1199.167	1191.157	1191.661	1190.653	A[21]
G	22	1128.647	1153.648	1145.639	1146.143	1145.135	G[20]
L	23	1155.673	1138.137	1129.128	1127.632	1126.624	L[19]
Q	24	1249.218	1073.595	1070.586	1071.090	1070.082	Q[18]
F	25	1322.753	1014.569	1006.557	1007.061	1006.053	F[17]
F	26	1371.279	941.053	933.043	933.546	932.538	F[16]
V	27	1420.811	892.506	884.496	885.000	883.992	V[15]
G	28	1449.324	842.971	834.961	835.465	834.457	G[14]
R	29	1507.874	814.461	806.451	806.955	805.947	R[13]
V	30	1576.909	736.410	728.401	728.905	727.897	V[12]
H	31	1645.438	688.876	678.866	679.370	678.363	H[11]
R	32	1723.489	618.346	610.337	610.841	609.833	R[10]
L	33	1780.031	540.296	532.286	532.790	531.783	L[9]
L	34	1838.573	469.754	459.743	459.246	458.240	L[8]
R	35	1914.623	427.212	419.202	419.706	418.698	R[7]
K	36	1978.671	349.161	341.152	341.656	340.648	K[6]
G	37	2067.181	285.114	277.104	277.608	276.600	G[5]
N	38	2094.203	256.603	248.594	249.098	248.090	N[4]
V	39	2145.736	189.562	181.552	182.056	181.048	V[3]
S	40	2189.281	118.056	110.046	110.549	109.541	S[2]
E	41	2253.772	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=42.52
- ▶ F113280.dat
- ▶ query=q54453.p1
- ▶ precursor=752.093360
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.607	1502.178	1487.830	0.872	1487.561	S[41]
G	2	66.704	1460.184	1454.935	0.672	1454.480	G[60]
R	3	1307.718	1441.157	1435.817	1436.153	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.120	1383.448	G[38]
K	5	182.443	1370.118	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.732	1279.392	1279.728	1279.056	G[55]
G	8	263.144	1245.725	1240.385	1240.721	1240.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1198.679	1199.015	1198.344	A[32]
R	11	381.555	1180.340	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.306	1122.966	1123.302	1122.630	A[30]
R	13	447.932	1104.627	1099.288	1099.624	1098.952	R[29]
A	14	491.611	1081.929	1056.589	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.870	T[26]
R	17	600.626	981.869	956.529	956.865	956.193	R[25]
S	18	629.017	959.835	954.485	954.831	954.160	S[24]
S	19	658.047	938.025	893.485	875.821	893.149	S[23]
R	20	710.081	911.614	846.474	846.810	846.138	R[22]
A	21	733.760	799.780	794.441	794.777	794.105	A[21]
G	22	752.767	778.101	770.762	771.098	770.426	G[20]
L	23	780.482	759.094	753.754	754.090	753.418	L[19]
Q	24	833.148	739.366	734.026	734.366	733.722	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.522	627.600	622.261	622.607	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1018.665	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	490.276	485.038	486.272	485.600	V[12]
H	31	1097.204	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.967	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1234.718	322.876	317.489	317.826	317.154	L[8]
R	35	1276.751	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.390	128.051	128.386	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=42.52
- ▶ F113280.dat
- ▶ query=q54453.p1
- ▶ precursor=752.093360
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	p	s+1	s+2	e	AA	
S	1	37.505	1127.636	1123.631	0.708	1123.377	S[41]
G	2	51.780	1035.375	1051.370	0.795	1051.110	G[40]
R	3	90.805	1081.120	1077.115	1077.367	1076.863	R[39]
G	4	109.001	1042.094	1038.090	1038.342	1037.838	G[38]
K	5	137.064	1027.839	1023.834	1024.086	1023.582	K[37]
G	6	169.059	995.815	991.811	992.267	991.559	G[36]
G	7	193.254	963.803	959.796	960.048	959.544	G[35]
G	8	197.610	949.545	945.541	945.792	945.289	G[34]
K	9	229.633	935.290	931.285	931.537	931.033	K[33]
A	10	247.303	903.266	899.261	899.513	899.009	A[32]
R	11	266.418	895.507	891.502	891.754	891.250	R[31]
A	12	304.177	868.482	864.477	864.729	864.225	A[30]
K	13	336.201	828.722	824.718	824.970	824.466	K[29]
A	14	353.960	796.699	792.694	792.946	792.442	A[28]
K	15	385.984	778.939	774.935	775.187	774.683	K[27]
T	16	411.246	746.915	742.911	743.163	742.659	T[26]
R	17	458.271	721.954	717.949	718.201	717.697	R[25]
S	18	472.629	692.626	688.621	688.873	688.369	S[24]
S	19	493.787	660.970	656.966	657.218	656.714	S[23]
R	20	532.613	639.112	635.108	635.360	634.856	R[22]
A	21	550.572	600.087	596.082	596.334	595.830	A[21]
G	22	564.827	582.328	578.323	578.575	578.071	G[20]
L	23	593.998	568.072	564.068	564.320	563.816	L[19]
G	24	625.113	539.801	535.797	536.049	535.545	G[18]
F	25	661.880	507.787	503.782	504.034	503.530	F[17]
F	26	698.143	471.020	467.015	467.267	466.763	F[16]
V	27	710.910	446.756	442.752	443.004	442.500	V[15]
G	28	725.269	421.989	417.985	418.237	417.733	G[14]
R	29	764.181	389.734	385.729	385.981	385.477	R[13]
V	30	788.958	368.705	364.704	364.956	364.452	V[12]
H	31	823.223	343.942	339.937	340.189	339.685	H[11]
R	32	862.248	309.677	305.672	305.924	305.420	R[10]
L	33	890.519	270.652	266.647	266.899	266.395	L[9]
L	34	918.770	242.361	238.356	238.608	238.104	L[8]
R	35	957.615	214.110	210.105	210.357	209.853	R[7]
K	36	989.839	175.084	171.079	171.331	170.827	K[6]
G	37	1064.094	143.061	139.056	139.308	138.804	G[5]
N	38	1032.605	128.805	124.800	125.052	124.548	N[4]
V	39	1073.371	100.294	96.289	96.541	96.037	V[3]
S	40	1068.139	98.529	94.524	94.776	94.272	S[2]
E	41	1127.590	97.771	93.766	94.018	93.514	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=42.52
- ▶ F113280.dat
- ▶ query=q54453_p1
- ▶ precursor=752.093360
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.892	R[39]
G[4]	84.250	833.877	830.673	830.675	830.472	G[38]
K[5]	109.869	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.238	756.034	756.235	755.832	G[34]
K[9]	183.908	748.433	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.336	708.607	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.178	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.625	546.304	543.100	543.302	542.899	S[24]
S[19]	399.231	528.898	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	488.271	477.067	477.269	476.866	A[21]
G[22]	452.063	468.064	462.860	463.061	462.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	408.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.930	357.607	354.403	354.604	354.201	V[15]
G[28]	580.334	337.793	334.589	334.791	334.388	G[14]
R[29]	611.554	326.389	323.185	323.386	322.983	R[13]
V[30]	633.368	295.168	291.963	292.165	291.763	V[12]
H[31]	658.780	275.955	272.751	272.953	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.721	213.519	213.721	213.317	L[0]
L[34]	735.233	194.106	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.285	168.487	168.084	R[7]
K[36]	792.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.477	114.650	111.446	111.648	111.245	G[5]
N[38]	826.286	103.246	100.042	100.243	99.840	N[4]
V[39]	858.898	80.437	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.83
- ▶ F113280.dat
- ▶ query=q54459.p1
- ▶ precursor=752.093800
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4507.521	4491.503	0.000	4490.486	S[41]
G	2	204.068	4378.478	4362.459	0.000	4361.451	G[40]
R	3	360.199	4321.457	4305.438	4308.446	4304.439	R[39]
G	4	417.220	4165.355	4149.337	4150.345	4148.329	G[38]
K	5	545.315	4108.334	4092.315	4093.323	4091.307	K[37]
Q	6	673.374	3985.238	3969.220	3965.228	3963.211	Q[36]
G	7	730.395	3852.080	3836.100	3837.110	3835.104	G[35]
G	8	787.417	3795.159	3779.140	3780.148	3778.132	G[34]
K	9	915.512	3738.138	3722.119	3723.127	3721.111	K[33]
A	10	966.549	3610.043	3594.024	3595.032	3593.016	A[32]
R	11	1142.050	3539.005	3522.987	3523.995	3521.979	R[31]
A	12	1213.687	3382.904	3366.885	3367.893	3365.877	A[30]
R	13	1381.782	3311.867	3295.848	3296.856	3294.841	R[29]
A	14	1412.819	3183.772	3167.754	3168.761	3166.746	A[28]
K	15	1540.914	3112.735	3096.716	3097.724	3095.709	K[27]
T	16	1841.962	2984.640	2968.621	2969.629	2967.614	T[26]
R	17	1708.063	2853.592	2837.573	2838.582	2836.566	R[25]
S	18	1885.095	2729.494	2713.475	2714.483	2712.467	S[24]
S	19	1972.127	2640.459	2624.441	2625.448	2623.433	S[23]
R	20	2138.228	2553.421	2537.402	2538.410	2536.394	R[22]
A	21	2199.265	2497.326	2481.307	2482.315	2480.300	A[21]
G	22	2256.287	2326.289	2310.270	2311.278	2309.263	G[20]
L	23	2309.371	2209.260	2193.240	2194.249	2192.241	L[19]
Q	24	3007.429	2158.184	2142.165	2143.173	2141.157	Q[18]
F	25	3644.498	2028.125	2012.106	2013.114	2011.099	F[17]
P	26	2741.551	1881.057	1865.038	1866.046	1864.030	P[16]
V	27	2840.619	1784.004	1767.985	1768.993	1766.977	V[15]
G	28	2897.641	1684.935	1668.917	1669.924	1667.909	G[14]
R	29	3633.742	1627.824	1611.805	1612.803	1610.787	R[13]
V	30	3152.810	1471.813	1455.794	4456.802	1454.786	V[12]
H	31	3289.869	1372.744	1356.726	1357.734	1355.718	H[11]
R	32	3445.970	1235.685	1219.667	1220.675	1218.659	R[10]
L	33	3559.054	1079.584	1063.565	1064.573	1062.558	L[9]
L	34	3672.138	966.500	950.482	951.489	949.474	L[8]
R	35	3838.239	833.418	817.399	818.405	816.390	R[7]
K	36	3956.334	697.315	681.296	682.304	680.289	K[6]
G	37	4013.356	569.220	553.201	554.209	552.194	G[5]
N	38	4127.399	512.109	496.180	497.188	495.172	N[4]
V	39	4290.462	398.156	382.137	383.145	381.129	V[3]
S	40	4377.494	235.082	219.074	220.082	218.066	S[2]
E	41	4408.537	148.060	132.043	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.83
- ▶ F113280.dat
- ▶ query=q54459.p1
- ▶ precursor=752.093800
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	2754.364	2246.255	0.504	2245.751	S 41
G 2	102.563	2189.743	2181.731	0.504	2181.229	G 40
R 3	180.603	2161.732	2153.229	2153.726	2152.719	R 39
G 4	209.114	2083.181	2075.172	2075.676	2074.669	G 38
K 5	273.161	2054.671	2046.661	2047.165	2046.157	K 37
Q 6	337.193	1999.623	1992.611	1993.116	1992.111	Q 36
G 7	365.701	1926.564	1918.554	1919.088	1918.081	G 35
G 8	394.212	1898.083	1890.074	1890.578	1889.570	G 34
K 9	458.260	1869.672	1861.563	1862.067	1861.059	K 33
A 10	493.778	1805.625	1797.510	1798.019	1797.012	A 32
R 11	571.659	1770.096	1761.997	1762.501	1761.494	R 31
A 12	607.347	1693.956	1685.949	1686.453	1685.443	A 30
R 13	671.395	1656.437	1648.428	1648.932	1647.925	R 29
A 14	706.913	1592.390	1584.380	1584.884	1583.876	A 28
K 15	770.961	1556.671	1548.662	1549.166	1548.159	K 27
T 16	821.485	1492.824	1484.814	1485.318	1484.310	T 26
R 17	899.535	1454.300	1446.289	1446.794	1445.787	R 25
S 18	933.051	1394.249	1386.240	1386.744	1385.736	S 24
S 19	986.567	1320.731	1312.724	1313.228	1312.220	S 23
R 20	1064.618	1277.217	1269.208	1269.712	1268.704	R 22
A 21	1100.136	1199.667	1191.157	1191.661	1190.657	A 21
G 22	1128.647	1163.648	1155.630	1156.143	1155.135	G 20
L 23	1158.709	1136.137	1127.129	1127.632	1126.625	L 19
Q 24	1249.218	1078.585	1070.586	1071.090	1070.082	Q 19
F 25	1322.753	1014.569	1006.557	1007.061	1006.053	F 17
P 26	1371.279	941.032	933.023	933.526	932.519	P 16
V 27	1420.813	892.506	884.490	885.000	883.992	V 15
G 28	1449.324	842.671	834.662	835.166	834.159	G 14
R 29	1527.274	814.461	806.451	806.955	805.947	R 13
V 30	1576.809	738.410	729.401	730.405	729.397	V 12
H 31	1645.438	688.878	679.869	679.370	678.363	H 11
R 32	1723.489	618.346	610.337	610.841	609.833	R 10
L 33	1780.031	540.290	532.280	532.790	531.783	L 9
L 34	1836.573	483.754	475.744	476.248	475.241	L 8
I 35	1814.623	427.212	419.202	419.706	418.699	I 7
K 36	1978.671	349.161	341.152	341.656	340.648	K 6
G 37	2007.181	285.114	277.104	277.608	276.600	G 5
N 38	2064.203	256.603	248.594	249.098	248.090	N 4
V 39	2145.735	199.582	191.573	192.076	191.069	V 3
S 40	2189.251	118.050	110.041	110.544	109.537	S 2
E 41	2253.772	74.534	66.524	67.028	66.021	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=43.83
- ▶ F113280.dat
- ▶ query=q54459.p1
- ▶ precursor=752.093800
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	#s1	#s2	z	AA	
S	1	489.697	1502.178	1497.829	0.872	2497.567	S[41]
G	2	86.704	1460.184	1454.825	0.672	1454.480	G[40]
R	3	1307.718	1441.157	1435.817	1430.153	1435.482	R[30]
G	4	139.745	1389.123	1383.784	1384.120	1383.448	G[38]
K	5	182.443	1370.116	1364.777	1365.113	1364.441	K[37]
G	6	225.130	1327.418	1322.078	1322.414	1321.742	G[36]
G	7	244.137	1284.732	1279.392	1279.728	1279.056	G[35]
G	8	263.144	1265.725	1260.385	1260.721	1260.049	G[34]
K	9	305.642	1246.717	1241.378	1241.714	1241.042	K[33]
A	10	329.521	1204.019	1199.079	1199.015	1198.344	A[32]
R	11	381.555	1180.390	1175.000	1175.336	1174.664	R[31]
A	12	405.234	1128.206	1123.907	1123.803	1123.803	A[30]
R	13	447.932	1104.627	1099.288	1099.624	1098.952	R[29]
A	14	471.611	1061.929	1056.589	1056.925	1056.253	A[28]
K	15	514.310	1038.250	1032.910	1033.246	1032.574	K[27]
T	16	547.002	995.552	990.212	990.548	989.870	T[26]
R	17	600.626	961.869	956.529	956.865	956.187	R[25]
S	18	629.017	909.835	904.495	904.831	904.160	S[24]
S	19	658.047	880.825	875.485	875.821	875.149	S[23]
R	20	710.081	851.814	846.474	846.810	846.138	R[22]
A	21	733.760	799.789	794.441	794.777	794.105	A[21]
G	22	752.767	776.101	770.762	771.098	770.426	G[20]
L	23	789.682	759.094	753.754	753.690	753.419	L[19]
Q	24	833.148	733.305	724.900	724.996	723.221	Q[18]
F	25	882.171	676.713	671.374	671.710	671.038	F[17]
F	26	914.552	627.600	622.261	622.687	622.015	F[16]
V	27	947.545	595.139	590.000	590.336	589.664	V[15]
G	28	966.552	562.317	556.977	557.313	556.641	G[14]
R	29	1013.658	543.309	537.970	538.306	537.634	R[13]
V	30	1051.608	491.275	485.936	486.272	485.600	V[12]
H	31	1097.294	458.253	452.913	453.249	452.577	H[11]
R	32	1149.328	412.567	407.227	407.563	406.891	R[10]
L	33	1187.023	360.533	355.193	355.529	354.857	L[9]
L	34	1224.718	322.576	317.236	317.572	316.900	L[8]
R	35	1275.753	285.144	279.804	280.140	279.468	R[7]
K	36	1319.450	233.110	227.770	228.106	227.434	K[6]
G	37	1338.457	190.412	185.072	185.408	184.736	G[5]
N	38	1376.471	171.404	166.065	166.401	165.729	N[4]
V	39	1430.826	133.390	128.051	128.386	127.715	V[3]
S	40	1459.836	99.136	93.796	94.132	93.460	S[2]
E	41	1502.850	50.025	44.685	45.021	44.349	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=43.83
- ▶ F113280.dat
- ▶ query=q54459.p1
- ▶ precursor=752.093800
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	57.525	1127.636	1123.631	0.755	1125.370	S 41
G 2	51.780	1095.375	1091.370	0.755	1091.118	G 40
R 3	90.805	1081.120	1077.115	1077.367	1076.861	R 30
G 4	105.061	1042.094	1038.090	1038.342	1037.839	G 38
K 5	137.084	1027.839	1023.834	1024.086	1023.582	K 37
Q 6	189.089	926.815	922.811	922.807	921.555	Q 30
G 7	253.354	953.803	955.796	960.048	955.542	G 32
G 8	197.810	949.545	945.541	945.792	945.289	G 34
K 9	229.633	935.290	931.285	931.537	931.033	K 33
A 10	247.303	903.266	899.261	899.513	899.009	A 32
R 11	286.418	899.007	895.002	895.254	894.750	R 31
A 12	304.177	846.462	842.457	842.709	842.205	A 30
R 13	336.201	828.722	824.716	824.970	824.465	R 29
A 14	353.960	796.699	792.694	792.946	792.442	A 28
K 15	385.984	778.939	774.933	775.187	774.681	K 27
T 16	411.246	746.915	742.911	743.163	742.659	T 26
R 17	450.271	721.654	717.649	717.901	717.397	R 25
S 18	472.829	682.828	678.824	679.076	678.572	S 24
S 19	493.787	660.870	656.865	657.118	656.614	S 23
R 20	532.813	639.112	635.107	635.360	634.856	R 22
A 21	550.572	600.087	596.082	596.334	595.830	A 21
G 22	564.827	582.128	578.123	578.375	577.871	G 20
L 23	603.006	566.072	562.067	562.320	561.815	L 19
Q 24	625.113	539.803	535.797	536.049	535.545	Q 19
F 25	661.880	507.787	503.782	504.034	503.530	F 17
F 26	686.143	471.020	467.015	467.267	466.763	F 16
V 27	710.910	446.750	442.745	443.004	442.500	V 15
G 28	725.166	421.989	417.983	418.237	417.733	G 14
R 29	764.191	407.734	403.729	403.981	403.477	R 13
V 30	788.058	386.709	384.704	384.956	384.452	V 12
H 31	823.223	343.942	339.937	340.189	339.685	H 11
R 32	862.248	309.677	305.672	305.924	305.420	R 10
L 33	890.519	270.652	266.647	266.899	266.395	L 9
L 34	918.790	242.381	238.376	238.628	238.124	L 8
R 35	957.815	214.110	210.105	210.357	209.853	R 7
R 36	989.839	175.084	171.079	171.332	170.828	R 6
G 37	1004.094	143.061	139.056	139.308	138.804	G 5
N 38	1032.605	126.805	124.800	125.052	124.548	N 4
V 39	1073.371	100.294	96.290	96.542	96.038	V 3
S 40	1095.120	59.529	55.524	55.776	55.272	S 2
E 41	1127.390	37.771	33.766	34.018	33.514	E 1

sp | Q8CGP5 | H2A1F_MOUSE

[Acetyl]SGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYS

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=43.83
- ▶ F113280.dat
- ▶ query=q54459_p1
- ▶ precursor=752.093800
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	902.310	899.106	0.806	898.905	S[41]
G[2]	41.625	876.501	873.298	0.806	873.096	G[40]
R[3]	72.846	865.097	861.893	862.095	861.692	R[39]
G[4]	84.250	833.877	830.673	830.875	830.472	G[38]
K[5]	109.859	822.473	819.269	819.470	819.067	K[37]
Q[6]	135.481	796.854	793.650	793.851	793.448	Q[36]
G[7]	146.885	771.242	768.038	768.240	767.837	G[35]
G[8]	158.289	759.835	756.634	756.835	756.432	G[34]
K[9]	183.908	748.431	745.230	745.431	745.028	K[33]
A[10]	198.116	722.814	719.611	719.812	719.409	A[32]
R[11]	229.136	708.007	705.403	705.605	705.202	R[31]
A[12]	243.543	677.387	674.183	674.385	673.981	A[30]
K[13]	269.162	663.179	659.976	660.177	659.774	K[29]
A[14]	283.370	637.560	634.357	634.558	634.155	A[28]
K[15]	308.989	623.353	620.149	620.351	619.948	K[27]
T[16]	329.198	597.734	594.530	594.732	594.329	T[26]
R[17]	360.418	577.524	574.321	574.522	574.119	R[25]
S[18]	377.825	546.305	543.100	543.302	542.899	S[24]
S[19]	399.231	528.899	525.694	525.896	525.492	S[23]
R[20]	426.451	511.491	508.288	508.489	508.086	R[22]
A[21]	440.659	480.271	477.067	477.269	476.866	A[21]
G[22]	452.063	466.064	462.860	463.061	462.658	G[20]
L[23]	474.680	454.659	451.456	451.657	451.254	L[19]
Q[24]	500.292	432.043	428.839	429.040	428.637	Q[18]
F[25]	529.705	406.431	403.227	403.429	403.026	F[17]
P[26]	549.116	377.017	373.813	374.015	373.612	P[16]
V[27]	568.930	357.607	354.403	354.604	354.201	V[15]
G[28]	589.334	337.793	334.589	334.791	334.388	G[14]
K[29]	611.354	326.389	323.185	323.386	322.983	K[13]
V[30]	631.368	295.165	291.965	292.166	291.763	V[12]
H[31]	658.780	275.355	272.151	272.353	271.949	H[11]
R[32]	690.000	247.943	244.739	244.941	244.538	R[10]
L[33]	712.617	216.723	213.519	213.721	213.317	L[9]
L[34]	735.233	194.106	190.902	191.104	190.701	L[8]
R[35]	766.454	171.489	168.285	168.487	168.084	R[7]
K[36]	792.073	140.269	137.065	137.267	136.864	K[6]
G[37]	803.477	114.650	111.446	111.648	111.245	G[5]
N[38]	829.296	103.245	100.042	100.243	99.840	N[4]
V[39]	858.898	80.431	77.233	77.435	77.032	V[3]
S[40]	876.305	47.824	44.621	44.822	44.419	S[2]
E[41]	902.113	30.418	27.214	27.416	27.013	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.66
- ▶ F113280.dat
- ▶ query=q54467.p1
- ▶ precursor=646.508890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	147.076	4519.521	4503.502	0.000	4502.484	S 41
G 2	204.068	4390.478	4374.459	0.000	4373.451	G 40
R 3	360.199	4331.457	4317.438	4318.448	4316.439	R 39
G 4	417.220	4177.355	4161.337	4162.345	4160.329	G 38
K 5	587.326	4120.334	4104.315	4105.323	4103.307	K 37
Q 6	715.345	3959.276	3943.257	3935.218	3933.202	Q 36
G 7	772.406	3822.170	3806.151	3807.159	3805.143	G 35
G 8	829.427	3705.148	3749.130	3750.138	3748.122	G 34
K 9	957.522	3708.127	3662.108	3661.116	3661.100	K 33
A 10	1028.560	3580.032	3564.013	3565.021	3563.005	A 32
R 11	1158.661	3508.995	3482.976	3493.984	3491.968	R 31
A 12	1255.698	3352.984	3336.975	3337.983	3335.967	A 30
R 13	1383.793	3281.957	3265.938	3266.946	3264.930	R 29
A 14	1454.830	3153.962	3137.943	3138.951	3136.935	A 28
K 15	1582.925	3082.925	3066.906	3067.914	3065.898	K 27
S 16	1609.957	2954.930	2938.911	2939.919	2937.903	S 26
R 17	1826.058	2887.906	2871.887	2852.887	2890.571	R 25
S 18	1913.090	2711.939	2695.920	2696.928	2694.912	S 24
S 19	2000.122	2624.944	2608.924	2609.932	2607.916	S 23
R 20	2186.223	2537.932	2521.913	2522.921	2520.905	R 22
A 21	2227.260	2381.931	2365.912	2366.920	2364.904	A 21
G 22	2284.282	2310.294	2294.275	2295.283	2293.267	G 20
L 23	2307.306	2253.273	2237.254	2238.262	2236.246	L 19
Q 24	2525.424	2140.189	2124.170	2125.178	2123.162	Q 19
F 25	2672.493	2012.135	1996.111	1997.119	1995.104	F 17
P 26	2769.546	1805.062	1849.043	1850.051	1848.035	P 16
V 27	2868.614	1768.009	1751.990	1752.998	1750.982	V 15
G 28	2925.635	1668.940	1652.922	1653.930	1651.914	G 14
D 29	3031.237	1611.910	1595.892	1596.900	1594.884	D 13
V 30	3180.808	1495.815	1479.796	1440.807	1438.791	V 12
H 31	3317.864	1358.748	1340.731	1341.739	1339.723	H 11
R 32	3473.965	1219.691	1203.672	1204.680	1202.664	R 10
L 33	3587.049	1063.589	1047.571	1048.579	1046.563	L 9
L 34	3700.133	950.505	934.487	935.495	933.479	L 8
T 35	3859.214	837.421	821.403	822.410	820.394	T 7
K 36	3984.329	681.320	665.302	666.309	664.293	K 6
G 37	4041.351	553.225	537.207	538.214	536.199	G 5
N 38	4155.394	406.204	480.185	481.193	479.177	N 4
V 39	4318.457	382.161	366.142	367.150	365.134	V 3
A 40	4389.494	219.086	203.079	204.087	202.071	A 2
E 41	4518.537	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.66
- ▶ F113280.dat
- ▶ query=q54467_p1
- ▶ precursor=646.508890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	w	#s1	#s2	z	AA	
S	1	74.062	2502.294	2282.255	0.804	2251.781	S[41]
G	2	102.553	2195.743	2187.733	0.504	2187.220	G[40]
R	3	180.603	2167.232	2159.233	2159.726	2158.710	R[39]
G	4	209.114	2089.181	2081.172	2081.676	2080.660	G[38]
K	5	294.167	2050.671	2052.681	2053.105	2052.157	K[37]
Q	6	358.196	1975.618	1967.608	1968.112	1967.105	Q[36]
G	7	388.377	1711.589	1603.579	1604.083	1603.075	G[35]
G	8	415.217	1883.078	1875.068	1875.572	1874.565	G[34]
K	9	479.265	1854.567	1846.558	1847.062	1846.054	K[33]
A	10	514.783	1790.520	1782.510	1783.014	1782.000	A[32]
R	11	592.834	1735.001	1727.002	1727.506	1726.488	R[31]
A	12	628.353	1678.983	1668.941	1669.945	1668.937	A[30]
R	13	662.400	1643.433	1633.423	1633.927	1632.910	R[29]
A	14	727.919	1577.384	1569.375	1569.879	1568.871	A[28]
K	15	791.966	1541.866	1533.857	1534.360	1533.353	K[27]
S	16	835.482	1477.818	1469.809	1470.313	1469.305	S[26]
R	17	913.533	1434.302	1426.293	1426.797	1425.789	R[25]
S	18	957.049	1369.765	1348.243	1348.746	1347.739	S[24]
S	19	1000.595	1312.736	1304.726	1305.230	1304.223	S[23]
R	20	1078.615	1269.220	1261.210	1261.714	1260.707	R[22]
A	21	1114.134	1191.169	1183.160	1183.664	1182.656	A[21]
G	22	1142.644	1135.651	1127.641	1128.145	1127.137	G[20]
L	23	1199.187	1127.140	1119.130	1119.635	1118.627	L[19]
Q	24	1253.116	1070.598	1062.589	1063.093	1062.085	Q[18]
F	25	1336.750	1008.599	998.559	999.063	998.055	F[17]
F	26	1388.276	933.034	925.025	925.529	924.521	F[16]
V	27	1434.811	884.506	876.499	877.003	875.995	V[15]
G	28	1483.321	834.974	825.965	827.468	826.461	G[14]
R	29	1541.374	808.483	798.454	798.958	797.950	R[13]
V	30	1590.906	728.413	720.403	720.907	719.899	V[12]
H	31	1659.436	678.878	670.869	671.373	670.365	H[11]
R	32	1737.488	610.349	602.340	602.843	601.836	R[10]
L	33	1794.028	532.289	524.280	524.783	523.785	L[9]
L	34	1850.570	478.756	469.747	469.250	468.242	L[8]
R	35	1928.612	419.214	411.205	411.709	410.701	R[7]
K	36	1992.668	341.164	333.154	333.658	332.650	K[6]
G	37	2021.179	277.116	269.107	269.611	268.603	G[5]
N	38	2078.200	248.606	240.596	241.100	240.092	N[4]
V	39	2159.732	181.564	183.575	184.079	183.071	V[3]
A	40	2195.261	110.026	109.043	109.547	108.539	A[2]
E	41	2259.772	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.66
- ▶ F113280.dat
- ▶ query=q54467.p1
- ▶ precursor=646.508890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	#±1	#±2	z	AA	
S	1	48.697	1507.118	1361.839	0.872	1501.561	S[41]
G	2	66.704	1464.164	1458.825	0.872	1455.480	G[40]
R	3	150.718	1445.157	1439.817	1440.151	1439.482	R[39]
G	4	159.745	1393.123	1387.784	1388.120	1387.448	G[38]
K	5	196.447	1374.116	1368.777	1369.113	1368.441	K[37]
G	6	239.133	1317.414	1312.075	1312.411	1311.739	G[36]
G	7	288.140	1214.725	1209.387	1209.728	1209.055	G[35]
G	8	297.147	1255.721	1250.381	1250.717	1250.045	G[34]
K	9	319.646	1236.714	1231.374	1231.710	1231.038	K[33]
A	10	383.525	1194.016	1188.676	1189.012	1188.340	A[32]
R	11	395.558	1170.336	1164.997	1165.331	1164.661	R[31]
A	12	439.239	1133.301	1127.963	1128.300	1127.623	A[30]
K	13	461.936	1094.624	1089.284	1089.620	1088.945	K[29]
A	14	485.615	1051.925	1046.586	1046.922	1046.250	A[28]
K	15	508.313	1028.246	1022.907	1023.243	1022.571	K[27]
S	16	557.324	985.548	980.208	980.544	979.873	S[26]
R	17	609.258	956.537	951.198	951.534	950.862	R[25]
S	18	638.368	904.594	899.154	899.500	898.823	S[24]
S	19	667.379	875.493	870.153	870.489	869.817	S[23]
R	20	719.413	846.482	841.143	841.479	840.807	R[22]
A	21	743.092	794.449	789.109	789.445	788.771	A[21]
G	22	762.069	770.710	765.370	765.706	765.034	G[20]
L	23	799.078	753.762	746.423	746.759	746.081	L[19]
Q	24	842.480	714.065	708.726	709.064	708.382	Q[18]
F	25	891.502	671.382	666.042	666.378	665.700	F[17]
F	26	923.853	622.359	617.019	617.355	616.683	F[16]
V	27	956.876	590.006	584.668	585.004	584.332	V[15]
G	28	956.985	581.645	576.305	576.641	575.969	G[14]
K	29	1027.917	539.918	534.578	534.914	534.240	K[13]
V	30	1060.940	485.944	480.605	480.941	480.269	V[12]
H	31	1106.626	452.921	447.582	447.918	447.246	H[11]
R	32	1138.660	407.235	401.895	402.231	401.560	R[10]
L	33	1196.355	355.201	349.862	350.198	349.526	L[9]
L	34	1234.049	312.509	307.169	307.505	306.831	L[8]
R	35	1298.683	279.812	274.472	274.808	274.135	R[7]
K	36	1328.781	227.778	222.439	222.775	222.103	K[6]
G	37	1347.788	185.080	179.740	180.076	179.404	G[5]
N	38	1385.803	166.073	160.733	161.069	160.397	N[4]
V	39	1450.157	128.098	122.758	123.094	122.421	V[3]
A	40	1463.836	83.304	77.964	78.300	77.628	A[2]
E	41	1508.850	50.025	44.685	45.021	44.349	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGRGRK^{Acetyl}_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLLRKGN^{YAE}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.66
- ▶ F113280.dat
- ▶ query=q54467_p1
- ▶ precursor=646.508890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	37.525	1130.639	4126.631	0.795	1126.379	S[41]
G	2	51.780	1098.375	1094.370	0.795	1094.118	G[40]
R	3	90.805	1084.120	1080.115	1080.367	1079.861	R[39]
C	4	105.061	1045.094	1041.090	1041.342	1040.838	C[38]
K	5	147.567	1030.839	1026.834	1027.086	1026.562	K[37]
Q	6	179.502	988.313	984.308	984.560	984.059	Q[36]
G	7	193.857	956.298	952.293	952.545	952.041	G[35]
G	8	208.112	942.043	938.038	938.290	937.788	G[34]
K	9	240.136	927.787	923.781	924.034	923.531	K[33]
A	10	257.895	895.763	891.758	892.011	891.507	A[32]
R	11	298.921	878.504	874.500	874.251	873.748	R[31]
A	12	314.608	838.979	834.974	835.226	834.722	A[30]
K	13	346.704	821.220	817.215	817.467	816.963	K[29]
A	14	364.463	789.196	785.191	785.443	784.939	A[28]
K	15	396.467	771.437	767.432	767.684	767.180	K[27]
S	16	418.245	739.413	735.408	735.660	735.156	S[26]
R	17	467.278	717.655	713.650	713.902	713.398	R[25]
S	18	478.028	678.539	674.535	674.787	674.273	S[24]
S	19	497.598	656.972	652.967	653.219	652.715	S[23]
R	20	539.811	635.114	631.109	631.361	630.857	R[22]
A	21	557.571	596.088	592.084	592.336	591.833	A[21]
G	22	571.826	578.329	574.324	574.576	574.072	G[20]
L	23	600.097	564.074	560.069	560.321	559.817	L[19]
G	24	632.122	538.863	534.858	535.110	534.606	G[18]
F	25	668.876	503.788	499.783	500.035	499.531	F[17]
P	26	693.142	467.021	463.016	463.268	462.764	P[16]
V	27	717.909	442.758	438.753	439.005	438.501	V[15]
G	28	732.164	417.991	413.986	414.238	413.734	G[14]
R	29	771.190	403.735	399.731	399.982	399.479	R[13]
V	30	795.957	384.716	380.705	380.957	380.453	V[12]
I	31	830.212	358.943	354.938	355.190	354.686	I[11]
R	32	869.247	305.678	301.673	301.925	301.421	R[10]
L	33	897.518	266.653	262.648	262.900	262.396	L[9]
L	34	925.789	238.387	234.377	234.629	234.125	L[8]
R	35	964.814	210.111	206.106	206.358	205.854	R[7]
K	36	996.838	171.086	167.081	167.333	166.829	K[6]
C	37	1011.863	138.962	134.957	135.209	134.705	C[5]
N	38	1039.604	124.806	120.801	121.054	120.550	N[4]
V	39	1080.370	96.296	92.291	92.543	92.039	V[3]
A	40	1098.129	55.530	51.525	51.777	51.273	A[2]
E	41	1130.990	37.771	33.766	34.018	33.514	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN^{YAE}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.66
- ▶ F113280.dat
- ▶ query=q54467_p1
- ▶ precursor=646.508890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z#2	z	AA		
S	1	30.221	304.710	901.506	0.806	901.305	S	41
G	2	41.625	878.901	875.698	0.806	875.496	G	40
R	3	72.846	867.497	864.293	864.495	864.092	R	39
G	4	84.250	836.277	833.073	833.275	832.872	G	38
K	5	118.271	804.873	801.669	801.870	801.467	K	37
Q	6	143.883	790.852	787.648	787.849	787.446	Q	36
G	7	195.287	765.240	762.036	762.238	761.834	G	35
G	8	166.691	751.836	750.632	750.833	750.430	G	34
K	9	192.310	742.831	739.227	739.429	739.026	K	33
A	10	206.518	716.812	713.608	713.810	713.407	A	32
R	11	237.738	702.605	699.401	699.603	699.199	R	31
A	12	251.945	671.385	668.181	668.382	667.979	A	30
K	13	277.564	657.177	653.973	654.175	653.772	K	29
A	14	291.772	631.558	628.354	628.556	628.153	A	28
K	15	317.391	617.351	614.147	614.349	613.945	K	27
S	16	334.797	591.732	588.528	588.730	588.326	S	26
R	17	366.017	574.325	571.122	571.323	570.920	R	25
S	18	383.424	548.105	539.901	540.103	539.700	S	24
S	19	400.830	525.689	522.485	522.687	522.283	S	23
R	20	432.050	508.282	505.080	505.280	504.877	R	22
A	21	446.258	477.072	473.868	474.070	473.667	A	21
G	22	457.662	462.865	458.661	459.862	459.459	G	20
L	23	480.279	451.460	448.257	448.458	448.055	L	19
Q	24	505.891	428.844	425.640	425.841	425.438	Q	18
F	25	535.304	403.232	400.028	400.230	399.827	F	17
P	26	554.715	373.816	370.614	370.816	370.413	P	16
V	27	574.520	354.408	351.203	351.405	351.002	V	15
G	28	585.933	334.594	331.390	331.592	331.189	G	14
R	29	617.153	323.190	319.986	320.187	319.784	R	13
V	30	636.967	291.969	288.766	288.967	288.564	V	12
H	31	664.379	272.156	268.952	269.154	268.750	H	11
K	32	695.599	244.744	241.540	241.742	241.339	K	10
L	33	718.216	213.524	210.320	210.522	210.118	L	9
L	34	740.832	190.907	187.703	187.905	187.502	L	8
R	35	772.053	168.290	165.086	165.288	164.885	R	7
K	36	787.872	137.070	133.866	134.068	133.665	K	6
G	37	839.078	111.451	108.247	108.449	108.046	G	5
N	38	831.885	100.047	96.843	97.044	96.641	N	4
V	39	864.497	77.238	74.034	74.236	73.833	V	3
A	40	878.705	44.625	41.422	41.623	41.220	A	2
E	41	904.513	30.418	27.214	27.416	27.013	E	1

sp | Q6GSS7 | H2A2A_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} QGGKARAKAKSRSSRAGLQFPVGRVHLLRKGN^{YAE}

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=40.66
- ▶ F113280.dat
- ▶ query=q54467_p1
- ▶ precursor=646.508890
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	25.352	754.093	751.423	0.839	751.255	S[41]
G[2]	34.856	732.586	729.916	0.839	729.748	G[40]
R[3]	60.873	723.082	720.412	720.580	720.244	R[39]
G[4]	70.376	697.065	694.396	694.563	694.226	G[38]
K[5]	98.727	687.562	684.892	685.060	684.724	K[37]
Q[6]	120.070	659.211	656.541	656.709	656.373	Q[36]
G[7]	129.574	637.866	635.196	635.366	635.030	G[35]
G[8]	139.077	628.364	625.694	625.862	625.526	G[34]
K[9]	169.426	618.861	616.191	616.359	616.023	K[33]
A[10]	172.266	597.511	594.842	595.010	594.674	A[32]
R[11]	198.283	585.072	583.002	583.170	582.834	R[31]
A[12]	210.122	559.655	556.985	557.153	556.817	A[30]
K[13]	231.472	547.816	545.146	545.314	544.978	K[29]
A[14]	243.311	526.466	523.797	523.965	523.629	A[28]
K[15]	264.660	514.627	511.957	512.125	511.789	K[27]
S[16]	279.166	493.278	490.608	490.776	490.440	S[26]
R[17]	305.182	478.772	476.103	476.271	475.935	R[25]
S[18]	319.688	452.795	450.080	450.254	449.918	S[24]
S[19]	334.193	438.290	435.580	435.748	435.412	S[23]
R[20]	360.210	423.745	421.075	421.243	420.907	R[22]
A[21]	372.049	397.728	395.058	395.226	394.890	A[21]
G[22]	381.553	385.888	383.219	383.387	383.051	G[20]
L[23]	400.400	376.385	373.715	373.883	373.547	L[19]
Q[24]	421.743	357.538	354.868	355.036	354.700	Q[18]
F[25]	446.255	336.194	333.525	333.693	333.357	F[17]
P[26]	462.430	311.683	309.013	309.181	308.845	P[16]
V[27]	478.942	295.508	292.838	293.006	292.670	V[15]
L[28]	488.445	278.995	276.325	276.494	276.158	L[14]
K[29]	514.862	259.491	256.821	256.991	256.655	K[13]
V[30]	530.974	243.476	240.806	240.974	240.638	V[12]
H[31]	553.817	226.964	224.295	224.462	224.127	H[11]
R[32]	579.834	204.121	201.451	201.619	201.283	R[10]
L[33]	598.681	178.104	175.435	175.602	175.267	L[9]
L[34]	617.528	159.257	156.587	156.755	156.419	L[8]
R[35]	643.545	140.410	137.740	137.908	137.572	R[7]
K[36]	664.894	114.393	111.723	111.891	111.555	K[6]
G[37]	674.398	93.044	90.374	90.542	90.206	G[5]
V[38]	693.405	83.540	80.870	81.038	80.702	V[4]
V[39]	720.959	84.531	81.861	82.031	81.695	V[3]
A[40]	732.422	37.396	34.686	34.854	34.518	A[2]
E[41]	753.929	25.510	22.846	23.014	22.678	E[1]

sp | Q3THW5 | H2AV_MOUSE

AGGKAGK ^{Acetyl D}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.97
- ▶ F113280.dat
- ▶ query=q728_p1
- ▶ precursor=373.195660
- ▶ chargePrecursor=2
- ▶ itol=0.5

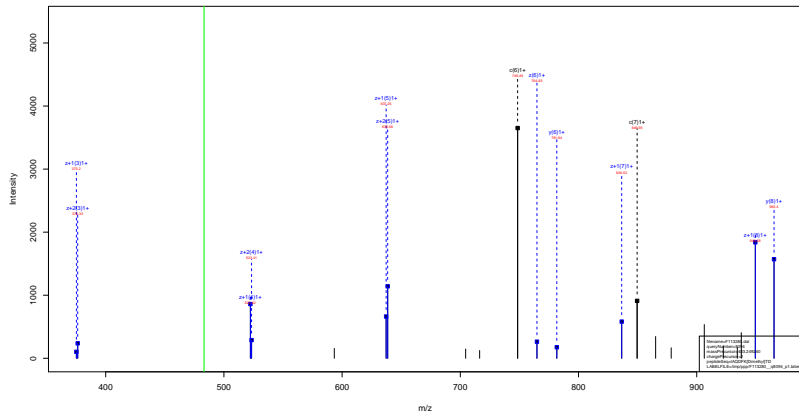
AA	a	a*	a.Δ	b	b*	b.Δ	y	y*	y.Δ	AA
A1	44.089	0.000	0.000	72.241	0.000	0.000	146.381	146.381	72.241	A10
C1	101.102	0.000	0.000	129.066	0.000	0.000	674.347	674.347	129.066	C17
G1	158.092	0.000	0.000	186.087	0.000	0.000	617.325	617.325	186.087	G16
K1	209.127	209.121	0.000	314.182	297.156	0.000	560.304	543.277	542.293	K15
A1	357.224	340.198	0.000	385.219	398.192	0.000	432.200	415.182	414.190	A14
G1	414.296	397.271	0.000	442.241	425.214	0.000	501.172	484.145	443.161	G13
K1	584.351	587.325	0.000	612.346	605.320	0.000	304.150	287.124	286.140	K12
D1	699.416	682.391	661.366	727.372	710.347	699.321	134.045	0.000	116.034	L11

sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=56.97
- ▶ F113280.dat
- ▶ query=q8093_p1
- ▶ precursor=483.249240
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:0	b	b*	b:0	y	y*	y:0	AA
T 1	46.298	0.000	0.000	114.195	0.000	0.000	952.414	952.414	244.663	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	852.410	852.410	834.999	A 2
Q 3	286.192	286.192	0.000	313.187	286.160	0.000	781.373	764.346	763.362	Q 3
D 4	400.219	401.391	382.208	428.214	411.187	440.203	653.314	659.289	635.344	D 4
F 5	547.287	536.261	545.277	515.282	536.256	557.272	538.287	542.281	520.277	F 5
R 6	713.414	695.417	695.413	731.409	714.392	713.398	391.219	374.192	373.208	R 6
T 7	804.461	797.435	796.451	822.459	815.430	814.446	235.092	0.000	237.082	T 7
G 8	916.488	902.492	901.478	947.483	930.457	929.473	134.040	0.000	116.034	G 8



sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=33.70
- ▶ F113280.dat
- ▶ query=q8094.p1
- ▶ precursor=483.249240
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
R 6	748.435	901.219	375.200	376.208	374.192	R 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

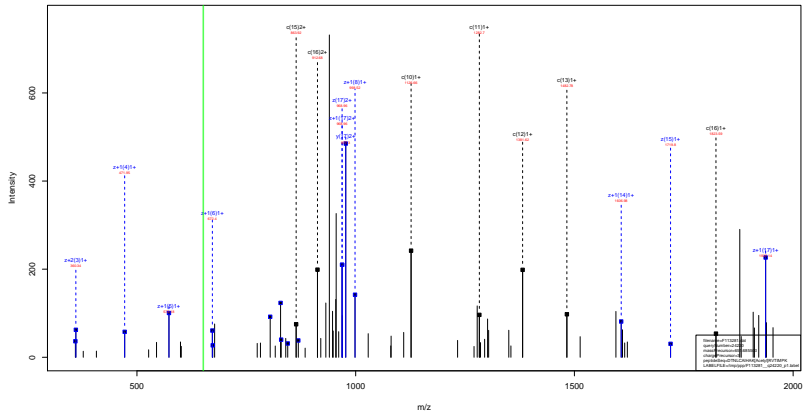
IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.19
- ▶ F113280.dat
- ▶ query=q8095_p1
- ▶ precursor=483.249630
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	y*	aΔ	b	b*	bΔ	y	y*	yΔ	AA	
T 1	483.2496	0.0000	0.0000	114.0071	0.0000	0.0000	852.4100	0.0000	0.0000	944.4637	T18
A 2	157.1194	0.0000	0.0000	185.128	0.0000	0.0000	852.410	0.0000	0.0000	829.3811	A17
Q 3	295.192	298.1195	0.0000	313.187	296.160	0.0000	781.373	764.346	763.362	Q16	
D 4	400.2719	383.1171	382.208	428.214	411.187	410.201	853.314	836.289	835.314	D15	
F 5	547.287	530.261	529.271	515.282	504.256	503.272	538.287	521.261	520.277	F14	
R 6	703.414	686.397	685.403	711.409	694.382	693.396	301.219	374.192	373.208	R13	
T 7	804.461	787.435	786.451	823.458	815.430	814.446	235.092	0.0000	217.087	T12	
D 8	915.498	892.469	891.478	943.483	926.457	925.471	138.1943	0.0000	118.014	D11	

sp | P68433 | H31_MOUSE

DTNLCAIHAH Acetyl RVTIMPK
42.01



sp | P68433 | H31_MOUSE

DTNLCAIHAK ^{Acetyl} 42.01 RVTIMPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.34
- ▶ F113281.dat
- ▶ query=q24220.p1
- ▶ precursor=651.685500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D[1]	133.051	1953.041	1937.022	0.000	1936.014	D[7]
T[2]	234.108	1936.014	1821.965	0.000	1920.957	T[6]
N[3]	348.151	1730.965	1720.948	1721.955	1719.940	N[15]
L[4]	461.235	1622.923	1606.905	1607.912	1605.887	L[14]
C[5]	564.245	1509.839	1493.821	1494.828	1492.813	C[13]
A[6]	635.282	1406.830	1390.811	1391.819	1389.804	A[12]
H[7]	748.366	1335.793	1319.774	1320.782	1318.766	H[11]
W[8]	889.428	1222.709	1206.680	1207.688	1205.662	W[10]
A[9]	956.462	1085.650	1059.631	1070.639	1068.623	A[9]
K[10]	1126.567	1034.613	998.594	999.602	997.588	K[8]
R[11]	1282.668	844.507	828.489	829.496	827.481	R[7]
V[12]	1381.737	688.400	672.387	673.395	671.380	V[6]
I[13]	1482.785	589.338	573.319	574.327	572.311	I[5]
I[14]	1597.869	488.290	472.271	473.279	471.264	I[4]
M[15]	1726.909	375.205	359.187	360.195	358.180	M[3]
P[16]	1823.962	244.166	228.149	229.155	227.139	P[2]
K[17]	1952.097	147.113	131.094	132.102	130.088	K[1]

sp | P68433 | H31_MOUSE

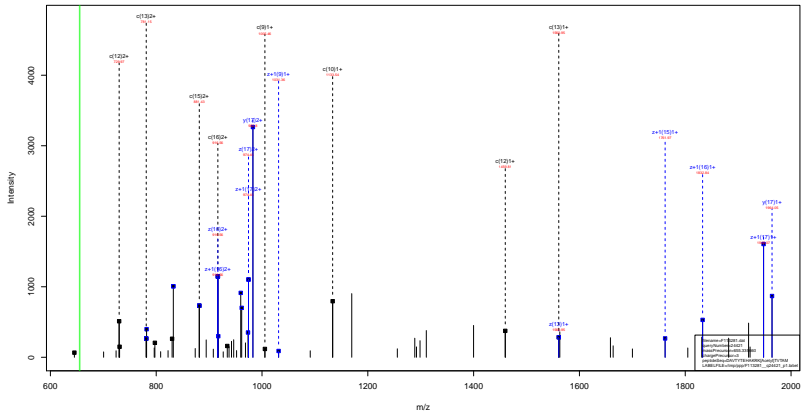
DTNLCAIHAK^{Acetyl}RVTIMPK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=28.34
- ▶ F113281.dat
- ▶ query=q24220.p1
- ▶ precursor=651.685500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	977.024	969.015	0.504	968.511	D[17]
Y[2]	117.558	919.511	911.501	0.504	910.997	Y[16]
N[3]	174.579	868.987	860.977	861.481	860.473	N[15]
L[4]	231.121	811.965	803.950	804.460	803.452	L[14]
C[5]	282.626	755.423	747.414	747.918	746.910	C[13]
A[6]	318.145	703.919	695.909	696.413	695.405	A[12]
V[7]	374.687	650.405	650.391	650.895	650.887	V[11]
H[8]	443.216	611.898	603.889	604.393	603.385	H[10]
A[9]	478.735	543.320	535.310	535.823	534.815	A[9]
K[10]	563.787	507.810	499.801	500.305	499.297	K[8]
R[11]	641.838	422.757	414.748	415.252	414.244	R[7]
V[12]	691.372	344.707	336.697	337.201	336.193	V[6]
Y[13]	741.896	295.173	287.163	287.667	286.659	Y[5]
V[14]	798.438	244.649	236.639	237.143	236.135	V[4]
M[15]	863.958	188.107	180.097	180.601	179.593	M[3]
P[16]	912.485	122.585	114.577	115.081	114.073	P[2]
K[17]	976.512	74.060	66.051	66.555	65.547	K[1]

sp | P62806 | H4_MOUSE

DAVYTEHAKRK Acetyl 42.01 TVTAM



sp | P62806 | H4_MOUSE

DAVYTEHAKRK Acetyl
42.01 TVTAM

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.87
- ▶ F113281.dat
- ▶ query=q24421_p1
- ▶ precursor=655.335660
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D 1	133.061	1961.991	1947.972	0.000	1946.964	D 17
A 2	204.208	1548.961	1812.945	0.000	1811.937	A 16
V 3	303.166	1777.927	1761.908	0.000	1760.900	V 15
T 4	404.214	1678.858	1562.839	0.000	1661.832	T 14
Y 5	507.277	1577.810	1561.792	0.000	1560.784	Y 13
T 6	608.325	1414.747	1398.728	0.000	1397.721	T 12
E 7	797.368	1311.699	1287.681	0.000	1296.673	E 11
H 8	934.426	1194.657	1188.638	0.000	1187.630	H 10
A 9	1005.464	1047.598	1031.579	0.000	1030.571	A 9
K 10	1133.559	976.561	960.542	961.550	959.534	K 8
R 11	1289.660	848.466	832.447	831.435	831.439	R 7
K 12	1459.765	692.355	676.346	677.354	675.350	K 6
T 13	1560.813	522.250	506.240	507.248	505.243	T 5
V 14	1659.881	423.212	405.193	406.201	404.195	V 4
T 15	1760.929	322.143	306.124	307.132	305.117	T 3
A 16	1831.968	221.095	205.077	206.085	204.080	A 2
M 17	1963.007	150.058	134.040	135.047	133.032	M 1

sp | P62806 | H4_MOUSE

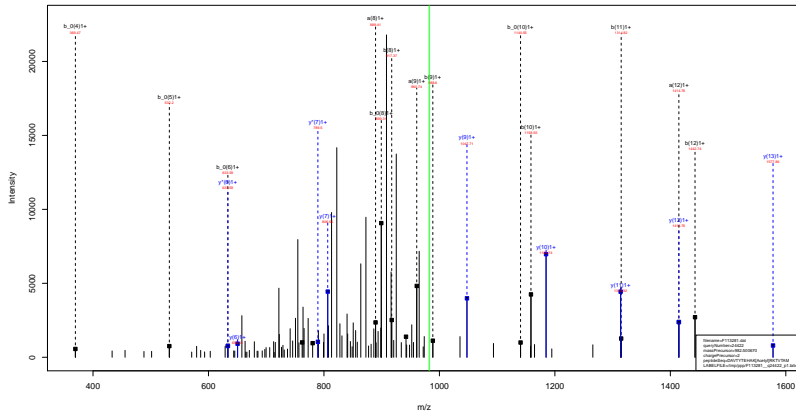
DAVYTEHAKRK ^{Acetyl} 42.01 TVTAM

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.87
- ▶ F113281.dat
- ▶ query=q24421_p1
- ▶ precursor=655.335660
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	982.499	974.490	0.504	973.986	D[17]
A[2]	102.953	924.985	916.976	0.504	916.472	A[16]
V[3]	152.087	889.467	881.458	0.504	880.954	V[15]
T[4]	202.611	839.933	831.923	0.504	831.419	T[14]
Y[5]	284.142	789.409	781.399	0.504	780.896	Y[13]
T[6]	334.666	707.877	699.868	0.504	699.364	T[12]
E[7]	399.189	657.351	649.344	0.504	648.840	E[11]
H[8]	467.717	602.822	584.823	0.504	584.319	H[10]
A[9]	503.235	524.303	516.293	0.504	515.789	A[9]
K[10]	567.283	488.784	480.775	481.279	480.271	K[8]
R[11]	645.333	424.737	416.727	417.231	416.223	R[7]
K[12]	730.386	346.686	338.677	339.181	338.173	K[6]
T[13]	780.910	261.637	253.624	254.128	253.120	T[5]
V[14]	830.444	211.109	203.100	203.604	202.596	V[4]
T[15]	880.968	161.575	153.566	154.070	153.062	T[3]
A[16]	916.487	111.051	103.042	103.546	102.538	A[2]
M[17]	982.507	75.533	67.523	68.027	67.020	M[1]

sp | P62806 | H4_MOUSE

DAVYTEHAK ^{Acetyl}RKTVTAM
42.01



sp | P62806 | H4_MOUSE

DAVITYTEHAK Acetyl RKTVTAM
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=55.43
- ▶ F113281.dat
- ▶ query=q24422_p1
- ▶ precursor=982.500670
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a+p	b	b*	b-p	y	y*	y-p	AA
D1	80.209	0.000	100.020	116.034	0.000	90.024	106.051	1040.961	1041.980	D17
A12	136.076	0.000	143.960	187.024	0.000	139.061	106.054	1033.933	1033.933	A16
V13	208.145	0.000	260.131	286.143	0.000	208.130	177.037	1750.903	1750.903	V15
T14	339.193	0.000	341.187	387.187	0.000	369.177	107.010	1061.832	1060.849	T14
V15	423.268	0.000	506.240	588.231	0.000	532.240	1377.817	1030.788	1030.788	V15
T16	643.304	0.000	656.293	803.288	0.000	633.288	1414.747	1397.721	1396.737	T12
E17	699.330	0.000	728.320	780.341	0.000	762.330	1213.699	1200.671	1200.670	E11
R18	809.408	0.000	811.399	873.408	0.000	809.389	1164.857	1161.830	1161.829	R18
A19	960.442	0.000	942.432	968.437	0.000	939.420	1047.530	1030.572	1029.587	A15
K10	11.01848	1111.021	1112.137	1158.343	1041.016	1148.532	679.981	680.130	658.920	K18
R11	1200.440	1200.442	1200.633	1216.644	1207.637	1200.633	806.265	785.420	108.444	R17
K12	1414.744	1397.714	1397.873	1442.739	1425.712	1414.738	630.354	633.359	132.344	K16
T13	1510.761	1496.735	1497.781	1543.766	1526.760	1510.750	122.289	0.000	504.248	T13
V14	1614.880	1597.833	1598.840	1642.859	1626.838	1614.844	421.213	0.000	461.201	V14
T14	1718.900	1706.861	1706.860	1743.866	1726.856	1718.860	304.843	0.000	304.833	T14
A18	1730.945	1709.914	1709.914	1814.945	1797.911	1730.930	221.000	0.000	0.000	A18
M17	1817.985	1800.959	1800.979	1849.980	1832.951	1817.969	150.000	0.000	0.000	M17

sp | P62806 | H4_MOUSE

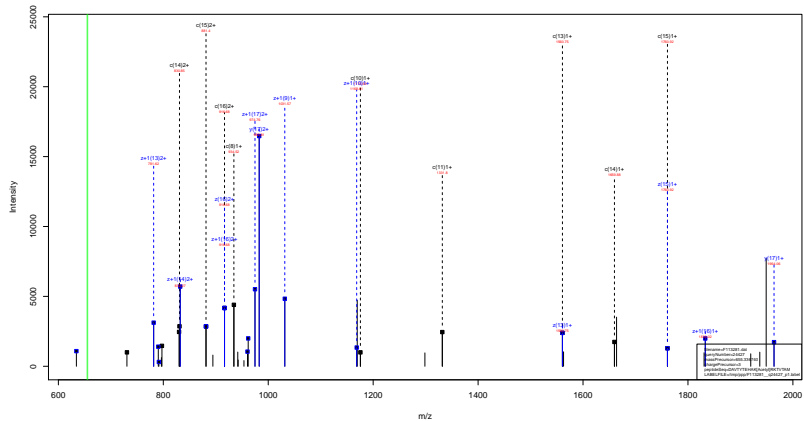
DAVYTEHAKRK Acetyl
42.01 TVTAM

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=36.76
- ▶ F113281.dat
- ▶ query=q24424_p1
- ▶ precursor=982.50700
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a+p	b	b*	b-p	y	y*	y-p	AA
D1	38.239	0.000	180.620	116.054	0.000	38.234	186.101	144.961	144.980	D17
A12	178.076	0.000	143.960	187.024	0.000	178.081	188.904	183.903	183.913	A16
V13	208.145	0.000	240.131	288.143	0.000	208.130	177.037	178.930	178.915	V15
T14	329.181	0.000	341.181	387.187	0.000	329.177	1078.050	1041.832	1040.849	T14
V15	323.268	0.000	308.260	388.271	0.000	332.240	1377.011	1008.788	1008.809	V15
T16	643.584	0.000	606.291	605.268	0.000	633.288	1414.747	1397.221	1396.737	T12
E17	699.150	0.000	158.151	780.341	0.000	762.230	1213.699	1200.971	1200.989	E11
T18	809.408	0.000	811.380	817.408	0.000	809.389	1164.857	1161.898	1161.898	T18
A19	901.442	0.000	942.432	908.437	0.000	879.250	1047.530	1030.571	1029.587	A15
K10	1088.517	1071.511	1100.137	1116.332	1099.926	1094.511	678.361	680.130	680.200	K18
R11	1244.038	1227.413	1226.624	1272.633	1260.987	1254.623	846.266	831.439	830.455	R17
K12	1414.744	1379.114	1369.871	1440.739	1425.112	1414.728	652.351	652.351	652.351	K16
T13	1515.761	1498.785	1487.781	1543.788	1528.780	1525.776	422.289	0.000	504.249	T13
V14	1614.880	1597.833	1586.840	1642.859	1626.838	1624.844	421.213	0.000	461.201	V14
T14	1718.900	1706.861	1699.869	1743.866	1726.876	1724.882	324.818	0.000	364.813	T14
A18	1720.945	1709.919	1700.925	1741.945	1727.911	1726.920	221.000	0.000	0.000	A18
M17	1817.955	1800.959	1808.979	1849.980	1832.961	1827.969	150.000	0.000	0.000	M17

sp | P62806 | H4_MOUSE

DAVYTEHAK ^{Acetyl}RKTVTAM
42.01



sp | P62806 | H4_MOUSE

DAVITYTEHAK ^{Acetyl} 42.01 RKTVTAM

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.21
- ▶ F113281.dat
- ▶ query=q24427_p1
- ▶ precursor=655.336740
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA
D 1	133.061	1961.991	1947.072	0.000	1946.064	D 17
A 2	204.098	1948.964	1832.945	0.000	1831.937	A 16
V 3	303.166	1777.927	1761.958	0.000	1760.900	V 15
T 4	404.214	1678.850	1662.839	0.000	1661.832	T 14
Y 5	507.277	1577.810	1561.792	0.000	1560.784	Y 13
T 6	608.325	1414.747	1398.728	0.000	1397.721	T 12
E 7	797.368	1313.699	1297.681	0.000	1296.673	E 11
H 8	934.426	1194.657	1168.638	0.000	1167.630	H 10
A 9	1026.604	1047.598	1031.579	0.000	1030.571	A 9
K 10	1175.569	978.561	960.542	961.550	959.534	K 8
R 11	1331.670	806.455	790.437	791.444	789.429	R 7
K 12	1459.765	650.351	634.335	635.343	633.329	K 6
T 13	1568.813	522.250	506.240	507.248	505.233	T 5
V 14	1659.981	423.212	405.193	406.201	404.185	V 4
T 15	1760.929	322.143	306.124	307.132	305.117	T 3
A 16	1831.966	221.095	205.077	206.085	204.069	A 2
M 17	1963.007	150.058	134.040	135.047	133.032	M 1

sp | P62806 | H4_MOUSE

DAVYTEHAK ^{Acetyl} 42.01 RKTVTAM

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.21
- ▶ F113281.dat
- ▶ query=q24427_p1
- ▶ precursor=655.336740
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	982.499	974.490	0.504	973.985	D[17]
A[2]	102.553	924.985	916.976	0.504	916.472	A[16]
V[3]	152.087	889.467	881.458	0.504	880.954	V[15]
T[4]	202.611	839.933	831.923	0.504	831.419	T[14]
V[5]	284.142	789.409	781.399	0.504	780.895	V[13]
T[6]	334.666	707.877	699.868	0.504	699.364	T[12]
E[7]	399.189	657.351	649.344	0.504	648.840	E[11]
H[8]	467.717	602.822	584.823	0.504	584.319	H[10]
A[9]	503.235	524.303	516.293	0.504	515.789	A[9]
K[10]	588.288	488.784	480.775	481.279	480.271	K[8]
R[11]	666.339	403.731	395.722	396.226	395.218	R[7]
K[12]	730.386	325.681	317.671	318.175	317.167	K[6]
T[13]	780.910	261.633	253.624	254.128	253.120	T[5]
V[14]	830.444	211.109	203.100	203.604	202.596	V[4]
T[15]	880.968	161.575	153.566	154.070	153.062	T[3]
A[16]	916.487	111.051	103.042	103.546	102.538	A[2]
M[17]	982.507	75.533	67.523	68.027	67.020	M[1]

sp | P68433 | H31_MOUSE

DTNLCAIHAK Crotonaldehyde
70.04 RVTIMPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.31
- ▶ F113281.dat
- ▶ query=q24714.p1
- ▶ precursor=661.029180
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D[1]	133.051	1081.072	1965.053	0.000	1966.046	D[7]
T[2]	234.108	1866.045	1650.035	0.000	1849.031	T[6]
N[3]	348.151	1764.985	1748.979	1749.987	1747.971	N[15]
L[4]	461.235	1650.955	1634.930	1635.944	1633.928	L[14]
C[5]	564.245	1537.871	1521.850	1522.860	1520.844	C[13]
A[6]	635.282	1434.861	1418.843	1419.850	1417.835	A[12]
H[7]	748.366	1383.824	1347.806	1348.813	1346.798	H[11]
W[8]	859.439	1250.740	1234.723	1235.729	1233.714	W[10]
A[9]	956.462	1113.681	1097.663	1098.670	1096.655	A[9]
K[10]	1154.599	1042.644	1026.625	1027.633	1025.618	K[8]
R[11]	1310.700	844.507	828.489	829.496	827.481	R[7]
V[12]	1409.766	688.400	672.387	673.395	671.380	V[6]
I[13]	1510.816	589.338	573.319	574.327	572.311	I[5]
I[14]	1623.900	488.290	472.271	473.279	471.264	I[4]
M[15]	1754.040	375.250	359.187	360.195	358.180	M[3]
P[16]	1851.993	244.166	228.147	229.155	227.139	P[2]
K[17]	1980.888	147.113	131.094	132.102	130.088	K[1]

sp | P68433 | H31_MOUSE

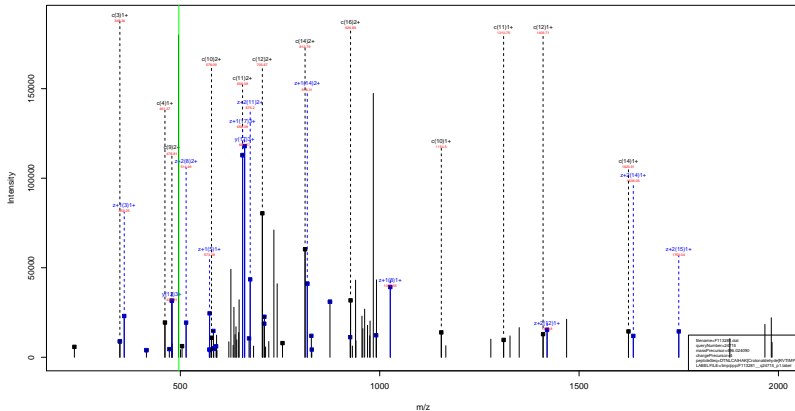
DTNLCAIHAK ^{Crotonaldehyde} _{70.04} RVTIMPK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.31
- ▶ F113281.dat
- ▶ query=q24714_p1
- ▶ precursor=661.029180
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	991.040	983.030	0.504	982.526	D[17]
T[2]	117.558	933.526	925.517	0.504	925.013	T[16]
N[3]	174.579	883.002	874.993	875.497	874.489	N[15]
L[4]	231.121	825.981	817.972	818.475	817.468	L[14]
C[5]	282.626	769.439	761.430	761.933	760.926	C[13]
A[6]	318.145	717.934	709.925	710.429	709.421	A[12]
T[7]	374.857	662.415	674.408	674.910	673.902	T[11]
H[8]	443.216	625.874	617.864	618.368	617.360	H[10]
A[9]	478.735	557.344	549.335	549.839	548.831	A[9]
K[10]	577.803	521.826	513.816	514.320	513.312	K[8]
R[11]	655.854	422.757	414.748	415.252	414.244	R[7]
V[12]	705.388	344.707	336.697	337.201	336.193	V[6]
T[13]	755.912	295.173	287.163	287.667	286.659	T[5]
I[14]	812.454	244.649	236.639	237.143	236.135	I[4]
M[15]	877.974	188.107	180.097	180.601	179.593	M[3]
P[16]	926.506	122.586	114.577	115.081	114.073	P[2]
K[17]	990.348	74.060	66.051	66.555	65.547	K[1]

sp | P68433 | H31_MOUSE

DTNLCAIHAK Crotonaldehyde RVTIMPK
70.04



sp | P68433 | H31_MOUSE

DTNLCAIHAK Crotonaldehyde
70.04 RVTIMPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.76
- ▶ F113281.dat
- ▶ query=q24715.p1
- ▶ precursor=496.024090
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D[1]	133.952	1081.072	1965.053	0.000	1964.046	D[17]
T[2]	234.108	1066.045	1620.026	0.000	1649.019	T[16]
N[3]	348.151	1764.985	1748.979	1749.987	1747.971	N[15]
L[4]	461.235	1050.955	1634.930	1635.944	1633.928	L[14]
C[5]	564.245	1537.871	1521.850	1522.860	1520.844	C[13]
A[6]	635.262	1434.861	1418.843	1419.850	1417.835	A[12]
H[7]	748.268	1383.824	1347.805	1348.813	1346.798	H[11]
W[8]	889.425	1250.740	1234.721	1235.729	1233.714	W[10]
A[9]	956.462	1113.681	1097.663	1098.670	1096.655	A[9]
K[10]	1154.599	1042.644	1026.625	1027.633	1025.618	K[8]
R[11]	1310.700	844.507	828.489	829.496	827.481	R[7]
V[12]	1409.768	688.400	672.387	673.395	671.380	V[6]
I[13]	1510.818	589.338	573.319	574.327	572.311	I[5]
I[14]	1623.908	488.290	472.271	473.279	471.264	I[4]
M[15]	1754.040	375.205	359.187	360.195	358.180	M[3]
P[16]	1851.993	244.166	228.147	229.155	227.139	P[2]
K[17]	1980.888	147.113	131.094	132.102	130.088	K[1]

sp | P68433 | H31_MOUSE

DTNLCAIHAK Crotonaldehyde
70.04 RVTIMPK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.76
- ▶ F113281.dat
- ▶ query=q24715.p1
- ▶ precursor=496.024090
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	991.040	983.030	0.504	982.526	D[17]
T[2]	117.558	933.526	925.517	0.504	925.013	T[16]
N[3]	174.579	883.002	874.993	875.497	874.489	N[15]
L[4]	231.121	825.981	817.972	818.475	817.468	L[14]
C[5]	282.626	769.439	761.430	761.933	760.926	C[13]
A[6]	318.148	717.934	709.925	710.429	709.421	A[12]
T[7]	374.887	662.410	674.403	674.910	673.902	T[11]
H[8]	443.216	626.874	617.864	618.368	617.360	H[10]
A[9]	478.735	557.344	549.336	549.839	548.831	A[9]
K[10]	577.803	521.826	513.816	514.320	513.312	K[8]
R[11]	655.854	422.757	414.748	415.252	414.244	R[7]
V[12]	705.388	344.707	336.697	337.201	336.193	V[6]
T[13]	755.912	295.173	287.163	287.667	286.659	T[5]
I[14]	812.454	244.649	236.639	237.143	236.135	I[4]
M[15]	877.974	188.107	180.097	180.601	179.593	M[3]
P[16]	926.506	122.586	114.577	115.081	114.073	P[2]
K[17]	990.348	74.060	66.051	66.555	65.547	K[1]

sp | P68433 | H31_MOUSE

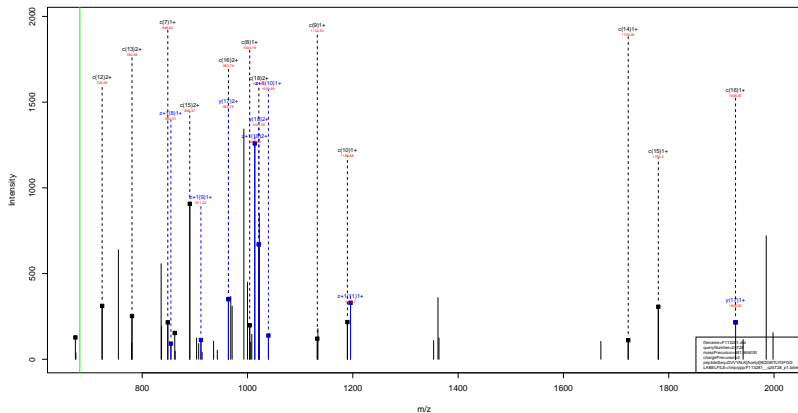
DTNLCAIHAK Crotonaldehyde
70.04 RVTIMPK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=41.76
- ▶ F113281.dat
- ▶ query=q24715.p1
- ▶ precursor=496.024090
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	45.025	661.029	655.689	0.672	666.351	D[17]
T[2]	78.708	622.687	617.347	0.672	617.011	T[16]
N[3]	116.722	589.004	583.664	584.000	583.329	N[15]
L[4]	154.417	550.990	545.050	545.969	545.314	L[14]
C[5]	188.753	513.299	507.953	508.291	507.620	C[13]
A[6]	212.432	478.959	473.619	473.955	473.283	A[12]
V[7]	250.127	456.280	449.940	450.276	449.604	V[11]
H[8]	289.813	417.585	412.245	412.581	411.909	H[10]
A[9]	319.492	371.899	366.559	366.895	366.223	A[9]
K[10]	385.538	348.220	342.880	343.216	342.544	K[8]
R[11]	437.571	282.174	276.834	277.170	276.498	R[7]
V[12]	470.594	230.140	224.801	225.137	224.465	V[6]
T[13]	504.277	197.117	191.778	192.114	191.442	T[5]
T[14]	541.971	163.435	158.095	158.431	157.759	T[4]
M[15]	585.652	125.740	120.401	120.737	120.065	M[3]
P[16]	618.603	82.060	76.720	77.056	76.385	P[2]
K[17]	660.701	49.709	44.370	44.705	44.034	K[1]

sp | P62806 | H4_MOUSE

DVVYALK^{Acetyl}RQGRTLYGFGG
42.01



sp | P62806 | H4_MOUSE

DVVYALK^{Acetyl} RQGRTLYGFGG
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=32.74
- ▶ F113281.dat
- ▶ query=q25728.p1
- ▶ precursor=681.366030
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	111.061	2042.982	2028.663	0.000	2029.055	D[18]
V[2]	232.129	1927.055	1911.636	0.000	1910.638	V[17]
V[3]	331.198	1827.986	1811.968	0.000	1810.960	V[16]
Y[4]	404.261	1728.918	1712.899	0.000	1711.891	Y[15]
A[5]	505.298	1529.850	1519.836	0.000	1548.828	A[14]
L[6]	678.382	1498.810	1478.799	0.000	1477.791	L[13]
R[7]	848.488	1381.734	1365.715	1366.723	1364.707	R[12]
R[8]	1004.589	1211.638	1195.609	1196.617	1194.601	R[11]
Q[9]	1132.647	1055.527	1039.508	1040.516	1038.500	Q[10]
G[10]	1189.669	927.466	911.450	912.457	910.442	G[9]
R[11]	1285.770	870.447	854.428	855.436	853.420	R[8]
T[12]	1466.818	718.340	693.827	699.835	697.819	T[7]
L[13]	1559.902	613.298	597.279	598.287	596.271	L[6]
Y[14]	1722.965	500.214	484.195	485.203	483.187	Y[5]
G[15]	1779.986	337.151	321.132	322.140	320.124	G[4]
F[16]	1927.055	280.129	264.110	265.118	263.103	F[3]
G[17]	1984.076	133.063	117.042	118.050	116.034	G[2]
G[18]	2041.098	79.030	60.021	61.028	59.011	G[1]

sp | P62806 | H4_MOUSE

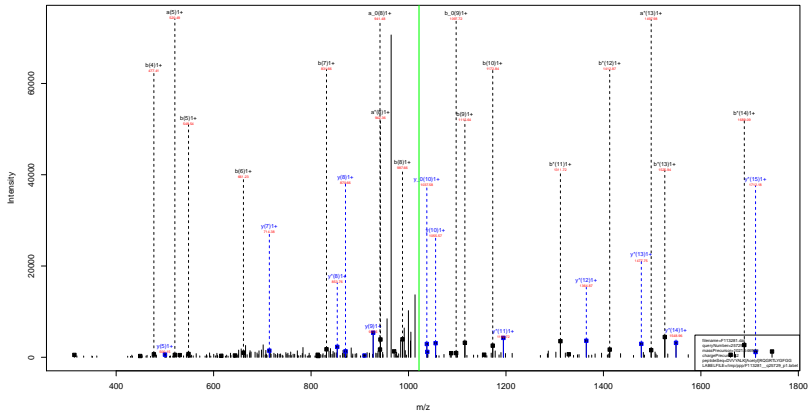
DVVYALK^{Acetyl}42.01 RQGRTLYGFGG

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=32.74
- ▶ F113281.dat
- ▶ query=q25728_p1
- ▶ precursor=681.366030
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D 1	67.034	1021.545	1013.535	0.504	1013.031	D 18
V 2	116.568	964.031	956.022	0.504	955.518	V 17
V 3	166.102	914.497	906.487	0.504	905.984	V 16
V 4	217.634	864.963	856.953	0.504	856.449	V 15
A 5	268.163	814.431	806.422	0.504	805.918	A 14
L 6	319.695	764.912	756.903	0.504	756.399	L 13
K 7	424.747	691.370	683.361	0.504	682.857	K 12
R 8	502.798	608.318	598.308	0.504	597.804	R 11
Q 9	566.827	528.267	520.258	0.504	519.754	Q 10
G 10	595.338	464.238	456.228	0.504	455.725	G 9
R 11	673.389	435.727	427.718	0.504	427.214	R 8
T 12	721.912	387.670	379.661	0.504	379.157	T 7
L 13	780.454	307.153	299.143	0.504	298.639	L 6
V 14	861.986	250.611	242.601	0.504	242.097	V 5
G 15	890.497	169.079	161.070	0.504	160.566	G 4
F 16	964.031	140.568	132.559	0.504	132.055	F 3
G 17	992.542	67.034	59.025	0.504	58.521	G 2
G 18	1021.053	38.523	30.514	0.504	30.010	G 1

sp | P62806 | H4_MOUSE

DVVYALK^{Acetyl}RQGRTLYGFGG
42.01



sp | P62806 | H4_MOUSE

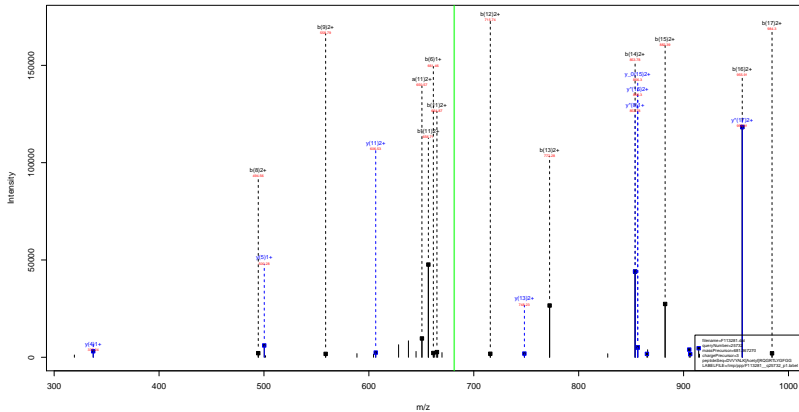
DVVYALK^{Acetyl} RQGRTLYGFGG
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=29.61
- ▶ F113281.dat
- ▶ query=q25729_p1
- ▶ precursor=1021.546900
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a+b	b	b'	b+b'	y	y'	y+b	AA
V1	187.078	0.000	187.078	116.078	0.000	187.078	203.078	203.078	319.156	Q101
V12	187.078	0.000	187.078	116.078	0.000	187.078	203.078	203.078	319.156	V127
V15	187.078	0.000	187.078	116.171	0.000	187.171	203.171	203.171	319.342	V126
V16	448.219	0.000	448.219	177.248	0.000	448.219	525.467	525.467	702.715	V125
A16	528.277	0.000	528.277	548.271	0.000	530.281	1068.558	1068.558	1598.844	A124
L16	615.361	0.000	615.350	661.356	0.000	643.345	1278.691	1278.691	1892.036	L113
R17	615.361	0.000	615.361	661.361	0.000	643.355	1278.711	1278.711	1892.126	R120
R18	615.361	0.000	615.361	661.361	0.000	643.365	1278.731	1278.731	1892.216	R119
R19	615.361	0.000	615.361	661.361	0.000	643.375	1278.751	1278.751	1892.306	R118
Q10	1007.626	0.000	1007.615	1115.621	0.000	1007.610	2123.235	2123.235	3238.850	Q105
Q108	1144.817	0.000	1144.817	1172.845	0.000	1155.816	2317.632	2317.632	3470.468	Q108
R111	1266.748	0.000	1266.748	1328.733	0.000	1348.713	2595.461	2595.461	3844.174	R111
R112	1266.748	0.000	1266.748	1328.733	0.000	1348.723	2595.481	2595.481	3844.264	R112
L113	1266.748	0.000	1266.748	1328.733	0.000	1348.733	2595.501	2595.501	3844.354	L113
V14	1266.748	0.000	1266.748	1328.733	0.000	1348.743	2595.521	2595.521	3844.444	V14
Q115	1714.903	0.000	1714.903	1763.903	0.000	1764.903	3478.806	3478.806	5242.709	Q115
F14	1882.011	0.000	1884.024	1933.020	0.000	1882.010	3866.030	3866.030	5748.060	F14
Q117	1978.026	0.000	1978.026	2027.026	0.000	1978.026	4355.052	4355.052	6333.104	Q117
Q118	1978.026	0.000	1978.026	2027.026	0.000	1978.026	4355.142	4355.142	6333.194	Q118

sp | P62806 | H4_MOUSE

DVVYALK^{Acetyl}RQGRTLYGFGG
42.01



sp | P62806 | H4_MOUSE

DVVYALK^{Acetyl}RQGRTLYGFGG
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=54.68
- ▶ F113281.dat
- ▶ query=q25732_p1
- ▶ precursor=681.367270
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ^o	b	b'	b ^o	y	y'	y ^o	AA
D	1	88.839	0.000	78.050	118.094	0.000	88.839	2042.050	2054.891	D10
V	2	187.108	0.000	189.087	215.103	0.000	187.108	1927.050	1910.029	V10
V	3	285.176	0.000	288.180	314.171	0.000	285.176	1822.050	1810.989	V10
V	4	384.259	0.000	431.259	417.254	0.000	430.254	1720.910	1711.891	V10
A	5	430.277	0.000	502.260	548.271	0.000	530.261	1565.850	1548.828	A10
L	6	513.361	0.000	613.350	661.356	0.000	643.350	1494.811	1477.791	L10
R	7	603.466	0.000	703.460	758.465	0.000	714.459	1313.843	1304.791	R10
R	8	699.567	0.000	841.561	987.562	0.000	870.536	1099.752	1011.820	R10
Q	9	787.626	0.000	1087.611	1119.613	0.000	1098.598	1007.610	1000.530	Q10
C	10	874.674	0.000	1124.661	1172.642	0.000	1170.616	878.614	847.460	C10
R	11	1300.748	0.000	1302.730	1320.743	0.000	1311.717	810.713	800.447	R10
T	12	1401.796	0.000	1383.780	1420.791	0.000	1411.784	641.780	614.540	T10
L	13	1514.880	0.000	1486.870	1542.875	0.000	1524.855	513.780	500.000	L10
V	14	1617.884	0.000	1590.861	1709.868	0.000	1698.812	389.860	380.214	V10
C	15	1714.905	0.000	1715.854	1762.860	0.000	1744.830	267.850	260.151	C10
F	16	1812.913	0.000	1814.851	1819.859	0.000	1802.830	180.120	180.000	F10
C	17	1810.950	0.000	1841.844	1880.850	0.000	1840.838	133.061	133.000	C10
C	18	1906.910	0.000	1870.850	1924.811	0.000	1904.794	80.000	80.000	C10

sp | P62806 | H4_MOUSE

DVVYALK^{Acetyl}_{42.01} RQGRTLYGFGG

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=54.68
- ▶ F113281.dat
- ▶ query=q25732.p1
- ▶ precursor=681.367270
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
D[1]	44.923	0.504	85.618	58.921	0.504	40.515	4103.949	2013.031	1012.530	D[18]
V[2]	94.657	0.504	85.952	118.055	0.504	80.050	474.171	955.518	455.227	V[17]
V[3]	143.391	0.504	134.386	137.589	0.504	143.581	114.491	305.304	856.912	V[16]
Y[4]	225.123	0.504	216.118	230.121	0.504	230.115	864.963	856.449	855.957	Y[15]
A[5]	286.642	0.504	251.637	274.639	0.504	285.634	763.431	774.918	774.426	A[14]
L[6]	317.184	0.504	308.179	331.181	0.504	322.175	747.912	739.399	738.907	L[13]
R[7]	402.719	0.504	389.714	416.716	0.504	401.710	481.220	494.170	492.887	R[12]
R[8]	488.257	471.774	471.282	494.285	485.711	485.270	606.318	597.804	597.312	R[11]
Q[9]	574.371	130.801	535.111	558.314	149.887	149.389	528.261	519.754	519.262	Q[10]
G[10]	672.229	364.314	261.222	320.125	371.111	371.813	464.230	455.725	455.233	G[11]
R[11]	650.878	565.360	341.113	664.875	656.362	655.810	435.122	426.614	426.122	R[10]
T[12]	709.402	560.388	362.104	715.399	570.388	570.388	387.616	384.104	384.612	T[11]
L[13]	817.944	740.430	748.930	771.941	763.428	762.926	307.151	0.504	0.504	L[10]
Y[14]	829.414	880.780	828.424	853.423	884.780	884.488	282.611	0.504	0.504	Y[10]
G[15]	857.908	859.471	858.961	881.904	873.470	872.970	189.613	0.504	0.504	G[10]
F[16]	941.820	833.001	832.515	955.518	847.000	846.515	148.568	0.504	0.504	F[11]
G[17]	970.931	981.533	981.026	984.829	975.533	975.023	87.034	0.504	0.504	G[11]
G[18]	998.442	990.020	989.512	1002.518	1004.020	1003.510	38.521	0.504	0.504	G[11]

sp | Q8CGP5 | H2A1F_MOUSE

DNK^{Acetyl}KTRIIPRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.98
- ▶ F113281.dat
- ▶ query=q28110_p1
- ▶ precursor=557.834380
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	133.061	2228.310	2212.291	0.000	2211.283	D[18]
N[2]	247.104	2113.283	2097.264	2096.272	2096.256	N[17]
K[3]	417.209	1999.240	1983.221	1984.229	1982.213	K[16]
K[4]	545.304	1829.134	1813.116	1814.124	1812.108	K[15]
T[5]	646.352	1701.039	1685.021	1686.229	1684.013	T[14]
R[6]	802.453	1599.992	1583.973	1584.981	1582.965	R[13]
I[7]	915.537	1443.891	1427.872	1428.880	1426.864	I[12]
I[8]	1028.621	1330.807	1314.788	1315.796	1313.780	I[11]
F[9]	1125.674	1217.723	1201.704	1202.712	1200.696	F[10]
R[10]	1281.775	1120.670	1104.651	1105.659	1103.643	R[9]
H[11]	1418.834	864.569	848.550	849.558	847.542	H[8]
L[12]	1533.939	827.570	811.491	812.499	810.483	L[7]
Q[13]	1659.977	714.420	698.407	699.415	697.399	Q[6]
L[14]	1773.061	586.367	570.348	571.356	569.341	L[5]
A[15]	1844.898	473.283	457.264	458.272	456.257	A[4]
I[16]	1957.182	402.240	386.227	387.235	385.219	I[3]
K[17]	2113.283	289.162	273.143	274.151	272.135	K[2]
N[18]	2227.326	133.061	117.042	118.050	116.034	N[1]

sp | Q8CGP5 | H2A1F_MOUSE

DNK^{Acetyl}KTRIIPRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.98
- ▶ F113281.dat
- ▶ query=q28110.p1
- ▶ precursor=557.834380
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	1114.659	1106.649	0.004	1105.145	D[18]
N[2]	124.055	1057.145	1049.136	1049.640	1048.632	N[17]
K[3]	209.108	1000.124	992.114	992.618	991.610	K[16]
K[4]	273.156	915.071	907.061	907.565	906.558	K[15]
T[5]	352.680	851.023	843.014	843.518	842.510	T[14]
R[6]	401.730	800.500	792.490	792.994	791.986	R[13]
H[7]	458.272	722.449	714.440	714.944	713.936	H[12]
H[8]	514.814	665.907	657.898	658.401	657.394	H[11]
P[9]	563.341	609.385	601.376	601.879	600.872	P[10]
R[10]	641.391	560.839	552.829	553.333	552.325	R[9]
H[11]	709.921	522.788	514.779	515.283	514.275	H[8]
L[12]	766.463	474.250	466.240	466.743	465.735	L[7]
Q[13]	830.492	357.718	349.707	350.211	349.203	Q[6]
L[14]	887.034	293.687	285.678	286.182	285.174	L[5]
A[15]	922.552	237.145	229.136	229.640	228.632	A[4]
H[16]	979.095	201.627	193.617	194.121	193.113	H[3]
H[17]	1057.145	149.085	137.075	137.579	136.571	H[2]
N[18]	1114.197	67.034	59.025	59.529	58.521	N[1]

sp | Q8CGP5 | H2A1F_MOUSE

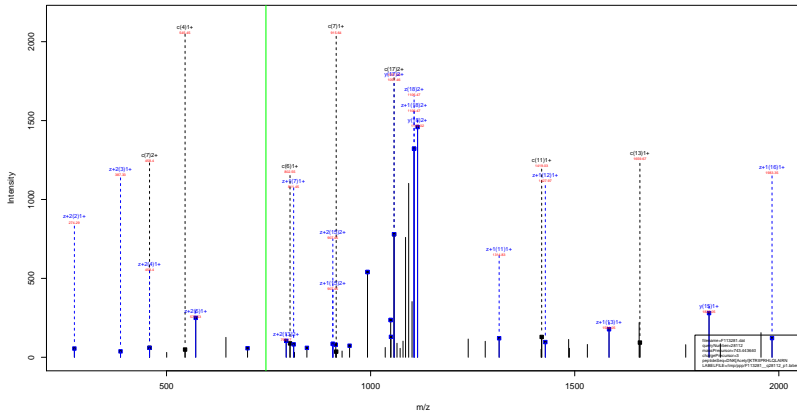
DNK^{Acetyl} KTRIIPRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=57.98
- ▶ F113281.dat
- ▶ query=q28110.p1
- ▶ precursor=557.834380
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
D	1	45.025	743.441	738.102	0.672	737.766	D ¹⁶
N	2	83.039	705.099	699.760	700.096	0.99424	N ¹⁷
K	3	139.741	607.065	661.745	662.081	0.61409	K ¹⁶
K	4	182.540	610.363	605.043	605.379	0.64707	K ¹⁵
T	5	216.122	567.685	562.345	562.681	0.62109	T ¹⁴
R	6	268.156	534.002	528.663	528.998	0.58127	R ¹³
I	7	305.851	481.968	476.629	476.965	0.76293	I ¹²
I	8	343.545	444.274	438.934	439.270	0.58598	I ¹¹
P	9	375.896	406.579	401.230	401.575	0.60904	P ¹⁰
R	10	427.930	374.228	368.889	369.224	0.68553	R ⁹
H	11	473.616	322.194	316.855	317.191	0.51519	H ⁸
L	12	513.311	276.508	271.169	271.504	0.70333	L ⁷
Q	13	553.997	238.813	233.474	233.810	0.53136	Q ⁶
L	14	591.692	196.127	190.788	191.124	0.60452	L ⁵
A	15	615.371	158.433	153.093	153.429	0.52757	A ⁴
I	16	653.065	134.753	129.414	129.750	0.29078	I ³
R	17	705.099	97.050	91.719	92.065	0.1383	R ²
N	18	743.113	45.025	39.680	40.021	0.39350	N ¹

sp | Q8CGP5 | H2A1F_MOUSE

DNK^{Acetyl} KTRIIPRHLQLAIRN
42.01



sp | Q8CGP5 | H2A1F_MOUSE

DNK^{Acetyl}KTRIIPRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.58
- ▶ F113281.dat
- ▶ query=q28112.p1
- ▶ precursor=743.443640
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	113.061	2228.310	2212.291	0.000	2211.283	D[16]
N[2]	247.104	2113.283	2097.264	2086.272	2096.258	N[17]
K[3]	417.209	1999.240	1983.221	1994.229	1982.213	K[16]
K[4]	545.304	1829.134	1813.116	1814.124	1812.108	K[15]
T[5]	618.352	1701.030	1685.021	1686.029	1684.011	T[14]
R[6]	802.453	1599.952	1583.973	1594.981	1582.965	R[13]
I[7]	915.537	1443.891	1427.872	1428.880	1426.864	I[12]
I[8]	1028.621	1330.807	1314.788	1315.796	1313.780	I[11]
P[9]	1125.674	1217.723	1201.704	1202.712	1200.696	P[10]
R[10]	1281.775	1120.670	1104.651	1105.659	1103.643	R[9]
H[11]	1418.834	964.560	948.550	949.558	947.542	H[8]
L[12]	1513.919	827.510	811.491	812.499	810.483	L[7]
Q[13]	1659.977	714.426	698.407	699.415	697.399	Q[6]
L[14]	1773.061	588.307	570.348	571.356	569.341	L[5]
A[15]	1844.098	473.283	457.264	458.272	456.257	A[4]
I[16]	1957.182	402.240	386.227	387.235	385.219	I[3]
R[17]	2113.283	286.162	273.143	274.151	272.135	R[2]
N[18]	2227.326	133.061	117.042	118.050	116.034	N[1]

sp | Q8CGP5 | H2A1F_MOUSE

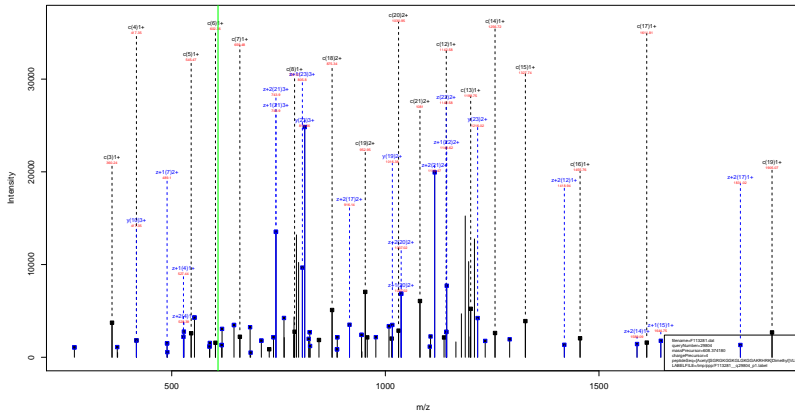
DNK ^{Acetyl} KTRIIPRHLQLAIRN
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=38.58
- ▶ F113281.dat
- ▶ query=q28112_p1
- ▶ precursor=743.443640
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	w	z+1	z+2	z	AA
D[3]	57.034	1114.659	1106.649	8.504	1106.145	D[18]
N[2]	124.055	1057.145	1049.136	1049.640	1048.832	N[17]
K[3]	209.108	1030.124	992.114	992.618	901.610	K[16]
K[4]	273.156	915.071	907.061	907.565	806.558	K[15]
T[5]	323.680	851.023	843.014	843.518	842.510	T[14]
R[6]	401.730	808.550	792.483	792.984	791.986	R[13]
I[7]	458.272	722.445	714.440	714.944	713.936	I[12]
I[8]	514.814	665.907	657.898	658.401	657.394	I[11]
P[9]	563.341	609.365	601.356	601.859	600.852	P[10]
R[10]	641.391	560.839	552.830	553.333	552.325	R[9]
H[11]	699.921	482.788	474.779	475.283	474.275	H[8]
L[12]	756.463	414.259	406.249	406.753	405.745	L[7]
G[13]	830.492	357.716	349.707	350.211	349.203	G[6]
L[14]	867.034	293.667	285.678	286.182	285.174	L[6]
A[15]	922.552	237.145	229.136	229.640	228.632	A[4]
V[16]	979.095	201.627	193.617	194.121	193.113	V[3]
R[17]	1057.145	146.085	137.075	137.579	136.571	R[2]
N[18]	1114.137	67.034	59.025	59.529	58.521	N[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLR
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} 28.03 VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=123.29
- ▶ F113281.dat
- ▶ query=q29804_p1
- ▶ precursor=608.374180
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2430.475	2414.457	0.000	2413.449	S[2]
G[2]	204.098	2301.433	2285.414	0.000	2284.406	G[22]
R[3]	360.199	2344.411	2328.392	2229.400	2227.389	R[21]
G[4]	417.220	2088.310	2072.291	2073.299	2071.284	G[20]
K[5]	545.315	2031.289	2015.270	2016.278	2014.262	K[19]
G[6]	602.337	1973.194	1957.175	1959.183	1958.167	G[18]
G[7]	659.358	1846.172	1830.153	1831.161	1829.146	G[17]
K[8]	787.453	1789.151	1773.132	1774.140	1772.124	K[16]
G[9]	844.475	1661.056	1645.037	1646.045	1644.029	G[15]
L[10]	957.559	1604.034	1588.015	1589.023	1587.008	L[14]
G[11]	1014.580	1490.950	1474.932	1475.939	1473.924	G[13]
R[12]	1142.675	1433.829	1417.810	1418.818	1416.803	R[12]
G[13]	1199.697	1305.834	1289.815	1290.823	1288.807	G[11]
G[14]	1256.718	1248.812	1232.794	1233.801	1231.785	G[10]
A[15]	1327.755	1191.791	1175.772	1176.780	1174.764	A[9]
K[16]	1455.850	1120.754	1104.735	1105.743	1103.727	K[8]
R[17]	1611.951	660.699	676.680	677.646	675.632	R[7]
R[18]	1749.010	638.658	620.539	621.547	619.533	R[6]
R[19]	1905.111	609.609	681.480	684.488	682.472	R[5]
K[20]	2061.238	543.568	527.379	528.387	526.371	K[4]
V[21]	2169.306	497.271	471.253	372.261	370.245	V[3]
L[22]	2273.390	388.203	272.184	273.192	271.176	L[2]
R[23]	2429.491	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLR
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=123.29
- ▶ F113281.dat
- ▶ query=q29804_p1
- ▶ precursor=608.374180
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1215.741	1207.737	0.904	1207.220	S[2]
G[2]	102.553	1151.220	1143.211	0.904	1142.707	G[3]
R[3]	180.603	1122.709	1114.700	1115.204	1114.196	R[2]
G[4]	209.114	1044.659	1036.649	1037.153	1036.143	G[2]
K[5]	273.161	1016.148	1008.139	1008.643	1007.835	K[19]
G[6]	301.672	952.199	944.091	944.595	943.589	G[18]
G[7]	330.183	923.590	915.580	916.084	915.075	G[17]
K[8]	394.230	895.079	887.070	887.574	886.566	K[10]
G[9]	422.741	831.053	823.022	823.526	822.518	G[15]
L[10]	479.283	802.521	794.511	795.015	794.008	L[14]
G[11]	507.794	748.079	737.969	738.473	737.465	G[13]
K[12]	571.844	717.850	709.459	709.963	709.955	K[12]
G[13]	600.352	651.421	645.411	645.915	644.907	G[11]
G[14]	638.863	624.910	616.900	617.404	616.397	G[10]
A[15]	664.301	590.399	588.390	588.894	587.886	A[9]
K[16]	728.429	560.881	552.871	553.375	552.367	K[8]
R[17]	692.477	498.833	488.824	489.328	488.320	R[7]
H[18]	875.009	418.782	410.773	411.277	410.269	H[6]
R[19]	953.059	350.253	342.244	342.748	341.740	R[5]
K[20]	1031.122	272.202	264.193	264.697	263.689	K[4]
V[21]	1080.657	194.139	186.130	186.634	185.626	V[9]
L[22]	1137.199	144.605	136.595	137.100	136.092	L[3]
R[23]	1215.249	98.051	89.042	89.556	79.550	R[1]

sp | P62806 | H4_MOUSE

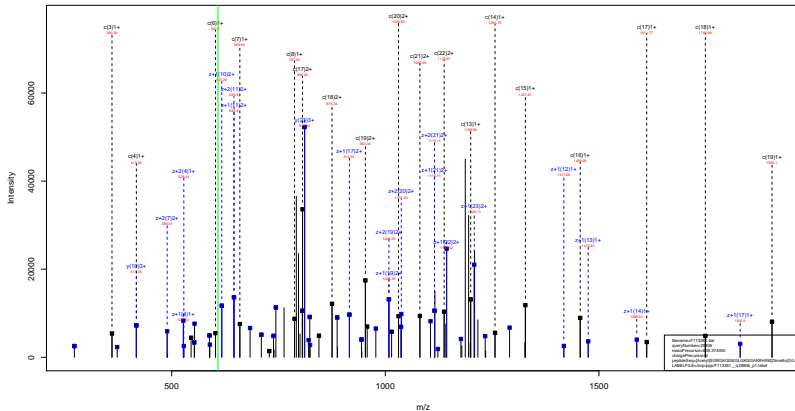
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLR_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=123.29
- ▶ F113281.dat
- ▶ query=q29804_p1
- ▶ precursor=608.374180
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	810.830	805.490	0.672	805.154	S[2]
G[2]	68.704	787.816	782.476	0.772	782.140	G[22]
R[3]	120.738	148.909	743.469	743.805	743.133	R[21]
G[4]	139.745	696.775	691.435	691.771	691.099	G[20]
K[5]	182.443	0.77768	672.428	672.764	672.092	K[19]
G[6]	201.450	635.069	629.730	630.066	629.394	G[18]
G[7]	220.458	616.062	610.723	611.059	610.387	G[17]
K[8]	263.156	597.055	591.716	592.051	591.380	K[16]
G[9]	282.163	554.357	549.017	549.353	548.681	G[15]
L[10]	319.858	535.350	530.010	530.346	529.674	L[14]
G[11]	338.865	497.655	492.315	492.651	491.979	G[13]
K[12]	381.563	478.648	473.308	473.644	472.972	K[12]
G[13]	400.570	435.949	430.610	430.946	430.274	G[11]
G[14]	439.878	416.942	411.603	411.939	411.267	G[10]
A[15]	443.257	397.935	392.596	392.932	392.260	A[9]
K[16]	485.955	374.256	368.917	369.252	368.581	K[8]
R[17]	537.989	331.358	326.018	326.354	325.682	R[7]
H[18]	583.675	279.524	274.185	274.520	273.849	H[6]
R[19]	635.709	233.838	228.498	228.834	228.162	R[5]
K[20]	687.751	181.804	176.465	176.800	176.129	K[4]
V[21]	720.774	129.762	124.422	124.758	124.086	V[3]
L[22]	758.468	96.739	91.400	91.736	91.064	L[2]
R[23]	810.502	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLR
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} 28.03 VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=130.01
- ▶ F113281.dat
- ▶ query=q29806_p1
- ▶ precursor=608.374350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2430.475	2474.457	0.000	2413.440	S[23]
G[2]	304.098	2301.433	2285.414	0.000	2284.406	G[22]
R[3]	360.199	2244.411	2228.392	2229.400	2227.385	R[21]
G[4]	417.220	2088.310	2072.291	2073.299	2071.284	G[20]
K[5]	543.315	2031.289	2015.270	2016.278	2014.263	K[19]
G[6]	602.137	1903.194	1887.175	1888.183	1886.167	G[18]
G[7]	659.358	1846.172	1830.153	1831.161	1829.146	G[17]
K[8]	787.453	1789.151	1773.132	1774.140	1772.124	K[16]
G[9]	844.475	1661.056	1645.037	1646.045	1644.029	G[15]
L[10]	957.559	1604.034	1588.016	1589.023	1587.008	L[14]
G[11]	1014.580	1486.950	1474.932	1475.939	1473.924	G[13]
R[12]	1142.676	1433.929	1417.910	1418.918	1416.902	R[12]
G[13]	1199.697	1305.834	1289.815	1290.823	1288.807	G[11]
G[14]	1256.718	1248.812	1232.794	1233.801	1231.786	G[10]
A[15]	1327.755	1191.791	1175.772	1176.780	1174.764	A[0]
K[16]	1455.850	1120.754	1104.735	1105.743	1103.727	K[8]
R[17]	1611.951	992.659	976.640	977.648	975.632	R[7]
T[18]	1749.010	836.568	820.539	821.547	819.531	T[6]
R[19]	1905.111	699.490	683.460	684.468	682.452	R[5]
K[20]	2061.238	543.398	527.379	528.387	526.371	K[4]
V[21]	2160.306	387.271	371.253	372.261	370.245	V[3]
L[22]	2273.390	288.203	272.184	273.192	271.176	L[2]
R[23]	2429.491	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLR
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=130.01
- ▶ F113281.dat
- ▶ query=q29806.p1
- ▶ precursor=608.374350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1215.741	1207.732	0.904	1207.220	S 21
G 2	102.553	1151.220	1143.211	0.904	1142.707	G 22
R 3	180.603	1122.709	1114.700	1115.204	1114.190	R 21
G 4	209.114	1044.659	1036.649	1037.153	1036.145	G 20
K 5	273.161	1016.148	1008.139	1008.643	1007.835	K 19
G 6	301.672	892.300	884.091	884.595	883.589	G 18
G 7	330.183	823.590	815.580	816.084	815.078	G 17
K 8	394.230	895.079	887.070	887.574	886.568	K 16
G 9	422.741	831.053	823.022	823.526	822.518	G 15
L 10	478.283	802.521	794.511	795.015	794.050	L 14
G 11	507.794	745.079	737.969	738.473	737.465	G 13
K 12	571.844	717.466	709.459	709.963	708.955	K 12
G 13	600.352	651.421	645.411	645.915	644.907	G 11
G 14	638.863	624.910	616.900	617.404	616.397	G 10
A 15	664.301	596.399	588.390	588.894	587.888	A 9
K 16	728.429	560.881	552.871	553.375	552.367	K 8
R 17	805.479	498.833	488.823	489.328	488.321	R 7
H 18	875.009	418.782	410.773	411.277	410.269	H 6
R 19	953.059	350.253	342.244	342.748	341.740	R 5
K 20	1031.122	272.202	264.193	264.697	263.689	K 4
V 21	1080.657	194.139	186.130	186.634	185.626	V 3
L 22	1137.199	144.605	136.596	137.100	136.092	L 1
R 23	1233.242	98.053	89.044	89.558	79.550	R 1

sp | P62806 | H4_MOUSE

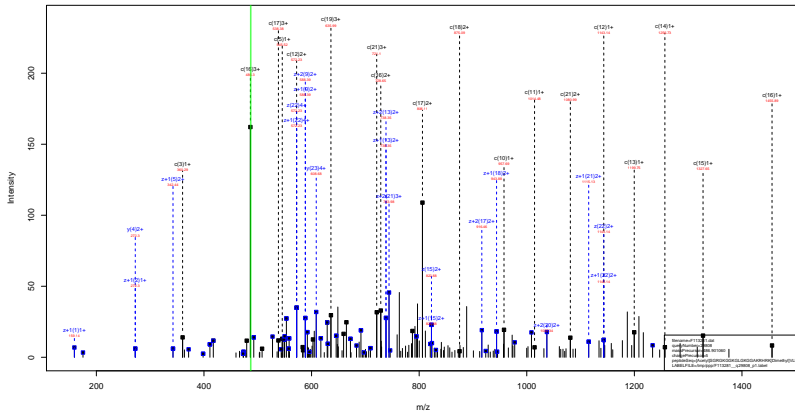
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLR_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=130.01
- ▶ F113281.dat
- ▶ query=q29806.p1
- ▶ precursor=608.374350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	810.830	805.490	0.672	805.154	S[2]
G[2]	68.704	767.816	762.476	0.677	762.140	G[22]
K[3]	120.738	748.809	743.469	743.805	743.133	K[21]
G[4]	139.745	696.775	691.435	691.771	691.099	G[20]
K[5]	182.443	677.768	672.428	672.764	672.092	K[19]
G[6]	201.450	635.069	629.730	630.066	629.394	G[18]
G[7]	220.458	616.062	610.723	611.059	610.387	G[17]
K[8]	263.156	597.055	591.716	592.051	591.380	K[16]
G[9]	282.163	554.357	549.017	549.353	548.681	G[15]
L[10]	319.858	535.350	530.010	530.346	529.674	L[14]
G[11]	338.865	497.655	492.315	492.651	491.979	G[13]
K[12]	381.563	478.648	473.308	473.644	472.972	K[12]
G[13]	400.570	435.949	430.610	430.946	430.274	G[11]
G[14]	419.578	416.942	411.603	411.939	411.267	G[10]
A[15]	443.257	397.935	392.596	392.932	392.260	A[9]
K[16]	485.955	374.256	368.917	369.252	368.581	K[8]
R[17]	537.989	331.558	326.219	326.554	325.882	R[7]
H[18]	583.675	279.524	274.185	274.520	273.849	H[6]
R[19]	635.709	233.838	228.499	228.834	228.162	R[5]
K[20]	687.751	181.804	176.465	176.800	176.129	K[4]
V[21]	720.774	129.762	124.422	124.758	124.086	V[3]
L[22]	758.468	96.739	91.400	91.736	91.064	L[2]
R[23]	810.502	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Dimethyl VLR
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLR_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.74
- ▶ F113281.dat
- ▶ query=q29808_p1
- ▶ precursor=486.901060
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2430.475	2414.457	0.000	2413.440	S[23]
G[2]	204.098	2301.433	2285.414	0.000	2284.405	G[22]
R[3]	360.199	2244.411	2228.392	2229.400	2227.385	R[21]
G[4]	417.220	2088.310	2072.291	2073.299	2071.284	G[20]
K[5]	545.315	2031.289	2015.270	2016.278	2014.262	K[19]
G[6]	602.337	1903.194	1887.175	1888.183	1886.167	G[18]
G[7]	659.358	1846.172	1830.153	1831.161	1829.145	G[17]
K[8]	787.453	1789.151	1773.132	1774.140	1772.124	K[16]
G[9]	844.475	1661.056	1645.037	1646.045	1644.029	G[15]
L[10]	957.559	1604.034	1588.016	1589.023	1587.008	L[14]
G[11]	1014.580	1490.950	1474.932	1475.939	1473.924	G[13]
R[12]	1142.675	1433.929	1417.910	1418.918	1416.902	R[12]
G[13]	1198.697	1305.834	1289.815	1290.823	1288.807	G[11]
G[14]	1256.718	1248.812	1232.794	1233.801	1231.786	G[10]
A[15]	1327.735	1191.791	1175.772	1176.780	1174.764	A[9]
K[16]	1455.850	1120.754	1104.735	1105.743	1103.727	K[8]
R[17]	1611.951	992.659	976.640	977.648	975.632	R[7]
R[18]	1740.010	836.555	820.539	821.547	819.531	R[6]
R[19]	1809.111	699.490	683.480	684.488	682.472	R[5]
K[20]	2061.236	543.398	527.379	528.387	526.371	K[4]
V[21]	2160.306	387.271	371.253	372.261	370.245	V[3]
L[22]	2273.390	288.203	272.184	273.192	271.176	L[2]
R[23]	2429.491	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} 28.03 VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.74
- ▶ F113281.dat
- ▶ query=q29808.p1
- ▶ precursor=486.901060
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.062	1215.741	1207.732	0.504	1207.228	S[2]
G[2]	102.563	1151.220	1143.211	0.504	1142.707	G[2]
R[3]	180.603	1122.709	1114.700	1115.204	1114.196	R[2]
G[4]	209.114	1044.059	1036.049	1037.153	1036.143	G[20]
K[5]	273.161	1016.148	1008.139	1008.643	1007.635	K[19]
G[6]	301.672	952.100	944.091	944.595	943.587	G[18]
G[7]	330.183	923.590	915.580	916.084	915.076	G[17]
K[8]	394.230	895.079	887.070	887.574	886.566	K[16]
G[9]	422.741	831.032	823.022	823.526	822.518	G[15]
L[10]	479.283	802.521	794.511	795.015	794.008	L[14]
G[11]	507.794	745.079	737.069	738.473	737.465	G[13]
R[12]	571.841	717.468	709.459	709.963	708.955	R[12]
G[13]	600.352	653.421	645.411	645.915	644.907	G[11]
G[14]	628.863	624.910	616.900	617.404	616.397	G[10]
A[15]	664.381	596.399	588.390	588.894	587.886	A[9]
K[16]	728.429	560.881	552.871	553.375	552.367	K[8]
R[17]	806.479	496.833	488.823	489.327	488.320	R[7]
R[18]	875.009	418.782	410.773	411.277	410.269	R[6]
R[19]	953.059	350.253	342.244	342.748	341.740	R[5]
K[20]	1031.122	272.202	264.193	264.697	263.689	K[4]
V[21]	1080.657	194.139	186.130	186.634	185.626	V[3]
L[22]	1137.199	144.605	136.596	137.100	136.092	L[2]
R[23]	1215.249	88.083	80.074	80.578	79.570	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLR_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.74
- ▶ F113281.dat
- ▶ query=q29808.p1
- ▶ precursor=486.901060
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	810.830	805.490	0.672	805.154	S[23]
G[2]	68.704	767.816	762.476	0.672	762.140	G[22]
E[3]	120.738	748.809	743.469	743.805	743.133	R[21]
G[4]	139.743	696.775	691.435	691.771	691.099	G[20]
K[5]	182.443	677.768	672.428	672.764	672.092	K[19]
G[6]	201.450	635.069	629.730	630.066	629.394	G[18]
G[7]	220.458	616.062	610.723	611.059	610.387	G[17]
K[8]	263.156	597.055	591.716	592.051	591.380	K[16]
G[9]	282.163	554.367	549.017	549.353	548.681	G[15]
L[10]	319.658	535.350	530.010	530.346	529.674	L[14]
G[11]	338.665	497.655	492.315	492.651	491.979	G[13]
K[12]	381.363	478.648	473.308	473.644	472.972	K[12]
G[13]	400.370	435.949	430.610	430.946	430.274	G[11]
G[14]	419.378	416.942	411.603	411.939	411.267	G[10]
A[15]	443.257	397.935	392.596	392.932	392.260	A[9]
K[16]	485.955	374.256	368.917	369.252	368.581	K[8]
R[17]	537.989	351.558	326.218	326.554	325.882	R[7]
H[18]	583.675	279.524	274.185	274.520	273.849	H[6]
R[19]	635.709	233.838	228.498	228.834	228.162	R[5]
K[20]	687.751	181.804	176.465	176.800	176.129	K[4]
V[21]	720.774	129.762	124.422	124.758	124.086	V[9]
L[22]	758.868	96.739	91.400	91.736	91.064	L[2]
R[23]	810.502	59.043	53.703	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLR_{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=58.74
- ▶ F113281.dat
- ▶ query=q29808.p1
- ▶ precursor=486.901060
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	37.525	608.374	604.370	0.755	604.118	S
G	2	51.750	576.114	572.109	0.755	571.857	G
K	3	60.833	561.358	557.854	558.106	557.602	K
G	4	105.061	522.833	518.830	519.080	518.576	G
K	5	137.084	508.578	504.573	504.825	504.321	K
G	6	151.340	476.554	472.549	472.801	472.297	G
G	7	165.595	462.299	458.294	458.546	458.042	G
K	8	197.619	448.043	444.038	444.290	443.787	K
G	9	211.874	416.019	412.015	412.267	411.763	G
L	10	240.145	401.764	397.759	398.011	397.507	L
G	11	254.401	373.493	369.488	369.740	369.236	G
K	12	286.424	359.238	355.233	355.485	354.981	K
G	13	300.680	327.214	323.209	323.461	322.957	G
G	14	314.935	312.959	308.954	309.206	308.702	G
A	15	332.594	298.703	294.698	294.950	294.447	A
K	16	364.718	280.944	276.939	277.191	276.687	K
R	17	403.743	248.920	244.915	245.167	244.664	R
H	18	438.008	209.895	205.890	206.142	205.638	H
R	19	477.033	175.830	171.825	171.877	171.374	R
K	20	516.065	136.605	132.600	132.852	132.348	K
V	21	540.812	97.573	93.569	93.821	93.317	V
L	22	569.103	72.806	68.802	69.053	68.550	L
R	23	608.128	44.535	40.531	40.782	40.279	R

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} 28.03 VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=94.64
- ▶ F113281.dat
- ▶ query=q29809_p1
- ▶ precursor=486.901100
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2430.475	2474.457	0.000	2413.440	S[23]
G[2]	304.098	2301.433	2285.414	0.000	2284.406	G[22]
R[3]	360.199	2244.411	2228.392	2229.400	2227.385	R[21]
G[4]	417.220	2088.310	2072.291	2073.299	2071.284	G[20]
K[5]	545.315	2031.289	2015.270	2016.278	2014.263	K[19]
G[6]	602.337	1903.184	1887.175	1888.183	1886.167	G[18]
G[7]	659.358	1846.172	1830.153	1831.161	1829.146	G[17]
K[8]	787.453	1789.151	1773.132	1774.140	1772.124	K[16]
G[9]	844.475	1661.056	1645.037	1646.045	1644.029	G[15]
L[10]	957.559	1604.034	1588.015	1589.023	1587.008	L[14]
G[11]	1014.580	1486.950	1474.932	1475.939	1471.924	G[13]
R[12]	1142.675	1433.929	1417.910	1418.918	1416.902	R[12]
G[13]	1199.697	1305.834	1289.815	1290.823	1288.807	G[11]
G[14]	1256.718	1248.812	1232.794	1233.801	1231.786	G[10]
A[15]	1327.755	1191.791	1175.772	1176.780	1174.764	A[0]
K[16]	1455.850	1120.754	1104.735	1105.743	1103.727	K[8]
R[17]	1611.951	992.659	976.640	977.648	975.632	R[7]
T[18]	1749.010	836.568	820.539	821.547	819.531	T[6]
R[19]	1905.111	699.499	683.480	684.488	682.472	R[5]
K[20]	2061.238	543.398	527.379	528.387	526.371	K[4]
V[21]	2160.306	387.271	371.253	372.261	370.245	V[3]
L[22]	2273.390	288.203	272.184	273.192	271.176	L[2]
R[23]	2429.491	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} 28.03 VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=94.64
- ▶ F113281.dat
- ▶ query=q29809_p1
- ▶ precursor=486.901100
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1215.741	1207.732	0.504	1207.228	S[23]
G[2]	102.553	1151.220	1143.211	0.504	1142.707	G[22]
R[3]	180.603	1122.709	1114.700	1115.204	1114.196	R[21]
G[4]	209.114	1044.659	1036.649	1037.153	1036.145	G[20]
K[5]	273.161	1016.148	1008.139	1008.643	1007.635	K[19]
G[6]	301.672	955.100	944.091	944.595	943.587	G[18]
G[7]	330.183	923.590	915.580	916.084	915.076	G[17]
K[8]	394.230	895.070	887.070	887.574	886.566	K[16]
G[9]	422.741	831.032	823.022	823.526	822.518	G[15]
L[10]	479.283	802.521	794.511	795.015	794.008	L[14]
G[11]	507.794	745.970	737.969	738.473	737.465	G[13]
R[12]	571.841	717.466	709.459	709.963	708.955	R[12]
G[13]	600.352	653.423	645.411	645.915	644.907	G[11]
G[14]	628.863	624.910	616.900	617.404	616.397	G[10]
A[15]	664.381	596.399	588.390	588.894	587.886	A[9]
R[16]	728.429	560.881	552.871	553.375	552.367	R[8]
R[17]	806.479	496.813	488.824	489.328	488.320	R[7]
R[18]	875.009	438.763	430.773	431.277	430.269	R[6]
R[19]	953.059	350.253	342.244	342.748	341.740	R[5]
R[20]	1031.122	272.202	264.193	264.697	263.689	R[4]
V[21]	1080.657	194.139	186.130	186.634	185.626	V[3]
L[22]	1137.199	144.605	136.596	137.100	136.092	L[2]
R[23]	1215.249	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLR
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=94.64
- ▶ F113281.dat
- ▶ query=q29809_p1
- ▶ precursor=486.901100
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	810.830	805.490	0.672	805.154	S[23]
G[2]	68.704	767.816	762.476	0.672	762.140	G[22]
E[3]	120.738	748.909	743.469	743.805	743.133	R[21]
G[4]	139.743	696.775	691.435	691.771	691.099	G[25]
K[5]	182.443	577.768	672.428	672.764	672.092	K[19]
G[6]	201.450	635.069	629.730	630.066	629.394	G[18]
G[7]	220.458	616.062	610.723	611.059	610.387	G[17]
K[8]	263.156	597.055	591.716	592.051	591.380	K[16]
G[9]	282.163	554.357	549.017	549.353	548.681	G[15]
L[10]	319.658	535.350	530.010	530.346	529.674	L[14]
G[11]	338.665	497.655	492.315	492.651	491.979	G[13]
K[12]	381.563	478.648	473.308	473.644	472.972	K[12]
G[13]	400.570	435.949	430.610	430.946	430.274	G[11]
G[14]	419.578	416.942	411.603	411.939	411.267	G[10]
A[15]	443.257	397.935	392.596	392.932	392.260	A[9]
K[16]	485.955	374.256	368.917	369.252	368.581	K[8]
R[17]	537.989	351.558	326.218	326.554	325.882	R[7]
H[18]	583.675	279.524	274.185	274.520	273.849	H[6]
R[19]	635.709	233.838	228.498	228.834	228.162	R[5]
K[20]	687.751	181.804	176.465	176.800	176.129	K[4]
V[21]	720.774	129.762	124.422	124.758	124.086	V[9]
L[22]	758.468	96.739	91.400	91.736	91.064	L[2]
R[23]	810.502	59.043	53.703	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VLR_{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=94.64
- ▶ F113281.dat
- ▶ query=q29809_p1
- ▶ precursor=486.901100
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	37.525	608.374	604.370	0.755	604.118	S
G	2	51.750	576.114	572.109	0.755	571.857	G
K	3	60.833	561.358	557.854	553.106	557.602	K
G	4	105.061	522.833	518.827	519.080	518.576	G
K	5	137.084	508.578	504.573	504.825	504.321	K
G	6	151.340	476.554	472.549	472.801	472.297	G
G	7	165.595	462.299	458.294	458.546	458.042	G
K	8	197.619	448.043	444.038	444.290	443.787	K
G	9	211.874	416.019	412.015	412.267	411.763	G
L	10	240.145	401.764	397.759	398.011	397.507	L
G	11	254.401	373.493	369.488	369.740	369.236	G
K	12	286.424	359.238	355.233	355.485	354.981	K
G	13	300.680	327.214	323.209	323.461	322.957	G
G	14	314.935	312.959	308.954	309.206	308.702	G
A	15	332.594	298.703	294.698	294.950	294.447	A
K	16	364.718	280.944	276.939	277.191	276.687	K
R	17	403.743	248.920	244.915	245.167	244.664	R
H	18	438.008	209.895	205.890	206.142	205.638	H
R	19	477.033	175.630	171.625	171.877	171.374	R
K	20	516.065	136.605	132.600	132.852	132.348	K
V	21	540.812	97.573	93.568	93.821	93.317	V
L	22	569.103	72.806	68.802	69.053	68.550	L
R	23	608.128	44.535	40.531	40.782	40.279	R

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLR_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=87.07
- ▶ F113281.dat
- ▶ query=q29812.p1
- ▶ precursor=810.830530
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2430.475	2414.457	0.000	2413.440	S[23]
G[2]	304.098	2301.433	2285.414	0.000	2284.400	G[22]
R[3]	360.199	2244.411	2228.392	2229.400	2227.385	R[21]
G[4]	417.220	2088.310	2072.291	2073.299	2071.284	G[20]
K[5]	543.315	2031.289	2015.270	2016.278	2014.263	K[19]
G[6]	602.137	1903.194	1887.175	1888.183	1886.167	G[18]
G[7]	659.358	1846.172	1830.153	1831.161	1829.146	G[17]
K[8]	787.453	1789.151	1773.132	1774.140	1772.124	K[16]
G[9]	844.475	1661.056	1645.037	1646.045	1644.029	G[15]
L[10]	957.559	1604.034	1588.016	1589.023	1587.008	L[14]
G[11]	1014.580	1486.950	1471.932	1475.939	1473.924	G[13]
R[12]	1142.675	1433.929	1417.910	1418.918	1416.902	R[12]
G[13]	1169.697	1305.834	1289.815	1290.823	1288.807	G[11]
G[14]	1256.718	1248.812	1232.794	1233.801	1231.786	G[10]
A[15]	1327.795	1191.791	1175.772	1176.780	1174.764	A[0]
K[16]	1435.850	1120.754	1104.735	1105.743	1103.727	K[8]
R[17]	1611.951	992.659	976.640	977.648	975.632	R[7]
T[18]	1749.010	836.568	820.539	821.547	819.531	T[6]
R[19]	1905.111	699.490	683.480	684.488	682.472	R[5]
K[20]	2061.236	543.398	527.379	528.387	526.371	K[4]
V[23]	2160.306	387.271	371.253	372.261	370.245	V[3]
L[22]	2273.390	288.203	272.184	273.192	271.176	L[2]
R[23]	2429.491	175.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLR
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=87.07
- ▶ F113281.dat
- ▶ query=q29812.p1
- ▶ precursor=810.830530
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1215.741	1207.732	0.904	1207.220	S 21
G 2	102.553	1151.220	1143.211	0.904	1142.707	G 20
R 3	180.603	1122.709	1114.700	1115.204	1114.196	R 21
G 4	209.114	1044.659	1036.649	1037.153	1036.143	G 20
K 5	273.161	1016.148	1008.139	1008.643	1007.835	K 19
G 6	301.672	952.200	944.001	944.505	943.589	G 18
G 7	330.183	923.590	915.590	916.094	915.075	G 17
K 8	394.230	895.079	887.070	887.574	886.560	K 18
G 9	422.741	831.053	823.025	823.526	822.510	G 15
L 10	478.283	802.521	794.511	795.015	794.050	L 14
G 11	507.794	748.079	740.069	740.573	739.465	G 13
K 12	571.841	717.465	709.459	709.963	708.955	K 12
G 13	600.352	653.421	645.411	645.915	644.907	G 11
G 14	638.863	624.910	616.900	617.404	616.397	G 10
A 15	664.371	596.399	588.390	588.894	587.880	A 9
K 16	728.420	560.881	552.871	553.375	552.367	K 8
R 17	808.479	498.833	488.823	489.328	488.321	R 7
H 18	875.520	418.782	410.773	411.277	410.250	H 6
R 19	953.059	350.253	342.244	342.748	341.740	R 5
K 20	1031.122	272.202	264.193	264.697	263.680	K 4
V 21	1080.657	194.139	186.130	186.634	185.620	V 9
L 22	1137.199	144.065	136.065	137.060	136.060	L 3
R 23	1215.249	98.053	89.034	89.558	79.550	R 1

sp | P62806 | H4_MOUSE

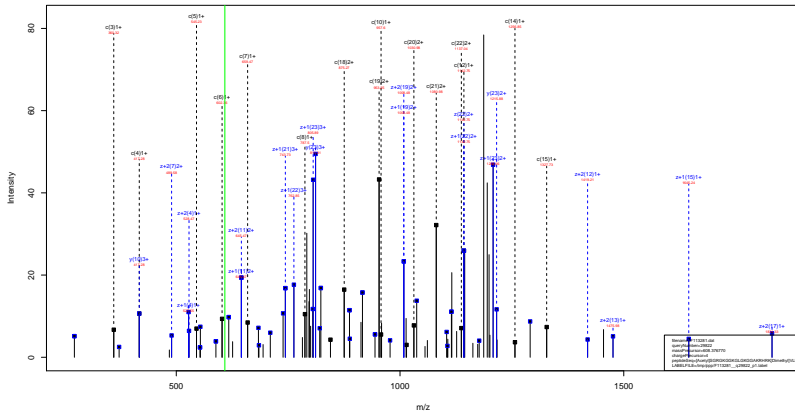
[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} 28.03 VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.12
- ▶ F113281.dat
- ▶ query=q29817_p1
- ▶ precursor=1215.742700
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
S1	1247.026	0.000	346.044	130.260	0.000	137.239	2423.420	2413.420	2412.760	S19
G2	1191.010	0.000	143.056	107.014	0.000	109.001	2301.413	2298.400	0.000	G20
R3	1115.110	106.111	267.071	343.172	126.146	126.150	2204.411	2227.390	1160.000	R21
G4	872.109	209.112	354.189	420.189	383.187	382.183	2089.410	2072.390	0.000	G20
K15	800.095	483.281	466.269	236.200	0.000	0.000	1919.410	1919.410	0.000	K16
G6	557.104	150.105	516.310	585.310	558.304	567.300	1903.194	1899.190	0.000	G10
G7	514.101	107.102	586.320	662.320	626.300	624.301	1846.172	1839.140	0.000	G17
R8	482.092	123.093	726.423	776.427	753.409	752.410	1709.171	1722.310	0.000	R14
G9	309.093	152.091	781.441	827.448	810.422	809.438	1591.159	1644.020	0.000	G10
L10	912.517	895.511	894.520	940.532	923.506	922.510	1529.150	1527.000	0.000	L14
G11	667.101	932.532	1017.540	997.554	980.527	979.530	1490.987	1491.000	0.000	G11
K12	1297.024	1299.018	1219.043	1129.064	1100.029	1107.010	1433.920	1418.900	0.000	K12
G13	1104.019	1137.040	1138.049	1132.070	1185.044	1184.040	1395.834	1389.800	0.000	G13
G14	1211.017	1194.070	1124.088	1226.092	1222.065	1221.061	1246.812	1231.786	0.000	G10
R15	1268.114	1269.110	1269.122	1310.129	1308.102	1292.118	1197.111	1214.900	0.000	R16
K16	1419.089	1401.081	1362.081	1436.024	1432.007	1430.011	1120.754	1118.720	0.000	K18
R17	1269.028	1249.020	1248.013	1294.025	1277.008	1276.014	902.650	904.110	0.000	R17
L18	1111.068	1099.062	1060.062	1131.064	1124.057	1113.073	836.555	810.511	0.000	L18
R19	1069.089	1041.081	1043.071	1037.071	1071.058	1070.074	690.490	692.470	0.000	R19
R20	2019.210	1999.192	1998.188	2044.211	2037.195	2036.201	543.396	546.371	0.000	R14
V21	1019.105	1009.100	1000.104	1043.104	1036.103	1035.109	387.211	390.200	0.000	V18
L22	1019.105	1011.100	1010.104	1043.104	1036.103	1035.109	0.000	0.000	0.000	L12
R23	2014.400	2007.400	1996.400	2012.400	2004.400	2004.400	175.110	158.000	0.000	R11

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Dimethyl VLR
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLR
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=90.73
- ▶ F113281.dat
- ▶ query=q29822.p1
- ▶ precursor=608.376770
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2430.475	2414.457	0.000	2413.449	S[23]
G[2]	204.098	2301.433	2285.414	0.000	2284.406	G[22]
R[3]	360.199	2244.411	2228.392	2229.400	2227.385	R[21]
G[4]	417.220	2088.310	2072.291	2073.299	2071.284	G[20]
K[5]	545.315	2031.289	2015.270	2016.278	2014.262	K[19]
G[6]	602.337	1973.194	1957.175	1958.183	1956.167	G[18]
G[7]	659.358	1846.172	1830.153	1831.161	1829.146	G[17]
K[8]	787.453	1789.151	1773.132	1774.140	1772.124	K[16]
G[9]	844.475	1661.056	1645.037	1646.045	1644.029	G[15]
L[10]	957.559	1604.034	1588.015	1589.023	1587.008	L[14]
G[11]	1014.580	1490.950	1474.932	1475.939	1473.924	G[13]
R[12]	1142.675	1433.829	1417.810	1418.818	1416.803	R[12]
G[13]	1199.697	1305.834	1289.815	1290.823	1288.807	G[11]
G[14]	1256.718	1248.812	1232.794	1233.801	1231.785	G[10]
A[15]	1327.755	1191.791	1175.772	1176.780	1174.764	A[9]
K[16]	1455.850	1120.754	1104.735	1105.743	1103.727	K[8]
R[17]	1611.051	660.699	676.680	677.646	675.632	R[7]
R[18]	1769.019	638.658	620.539	621.547	619.533	R[6]
R[19]	1905.111	609.609	681.480	684.488	682.472	R[5]
K[20]	2061.238	543.568	527.379	528.387	526.371	K[4]
V[21]	2169.306	497.271	471.253	372.261	370.245	V[3]
L[22]	2273.390	388.203	272.184	273.192	271.176	L[2]
R[23]	2429.491	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLR_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=90.73
- ▶ F113281.dat
- ▶ query=q29822.p1
- ▶ precursor=608.376770
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1215.741	1207.732	0.504	1207.226	S 21
G 2	102.553	1151.220	1143.211	0.504	1142.707	G 22
R 3	180.603	1122.709	1114.700	1115.204	1114.196	R 21
G 4	209.114	1044.659	1037.153	1036.649	1036.143	G 20
K 5	273.161	1016.148	1008.139	1008.643	1007.635	K 19
G 6	301.672	952.100	944.091	944.595	943.589	G 18
G 7	330.183	923.590	915.580	916.084	915.075	G 17
K 8	394.230	895.079	887.070	887.574	886.566	K 16
G 9	422.741	831.033	823.022	823.526	822.518	G 15
L 10	479.283	802.521	794.511	795.015	794.008	L 14
G 11	507.794	748.979	740.969	738.473	737.465	G 13
K 12	571.844	717.466	709.459	708.963	708.955	K 12
G 13	600.352	651.421	645.411	645.915	644.907	G 11
G 14	638.863	624.910	616.900	617.404	616.397	G 10
A 15	664.361	596.399	588.390	588.894	587.886	A 9
K 16	728.420	560.881	552.871	553.375	552.367	K 8
R 17	698.478	498.833	488.823	489.328	488.321	R 7
H 18	875.009	418.782	410.773	411.277	410.269	H 6
R 19	953.059	350.253	342.244	342.748	341.740	R 5
K 20	1031.122	272.202	264.193	264.697	263.689	K 4
V 21	1080.657	194.139	186.130	186.634	185.626	V 3
L 22	1137.199	144.605	136.595	137.100	136.092	L 1
R 23	1213.247	98.051	89.044	89.558	79.550	R 1

sp | P62806 | H4_MOUSE

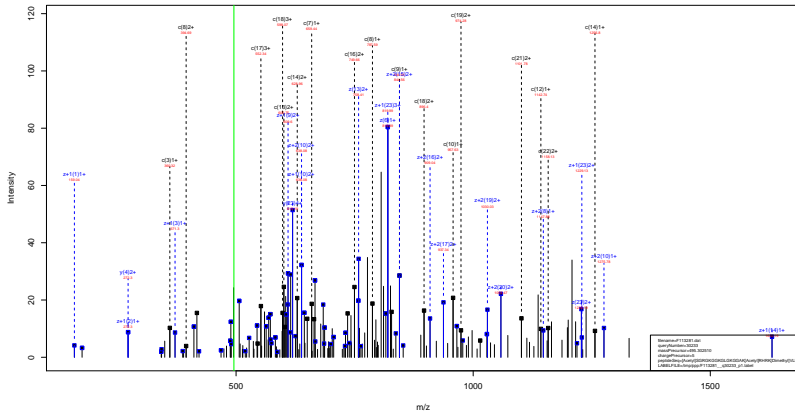
[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLR_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=90.73
- ▶ F113281.dat
- ▶ query=q29822_p1
- ▶ precursor=608.376770
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	810.830	805.490	0.672	805.154	S[23]
G[2]	68.704	767.816	762.476	0.677	762.140	G[22]
R[3]	120.738	748.809	743.469	743.805	743.133	R[21]
G[4]	139.745	696.775	691.435	691.771	691.099	G[20]
K[5]	182.443	677.768	672.428	672.764	672.092	K[19]
G[6]	201.450	635.069	629.730	630.066	629.394	G[18]
G[7]	220.458	616.062	610.723	611.059	610.387	G[17]
K[8]	263.156	597.055	591.716	592.051	591.380	K[16]
G[9]	282.163	554.357	549.017	549.353	548.681	G[15]
L[10]	319.858	535.350	530.010	530.346	529.674	L[14]
G[11]	338.865	497.655	492.315	492.651	491.979	G[13]
K[12]	381.563	478.648	473.308	473.644	472.972	K[12]
G[13]	400.570	435.949	430.610	430.946	430.274	G[11]
G[14]	419.578	416.942	411.603	411.939	411.267	G[10]
A[15]	443.257	397.935	392.596	392.932	392.260	A[9]
K[16]	485.955	374.256	368.917	369.252	368.581	K[8]
R[17]	537.989	331.558	326.219	326.554	325.882	R[7]
H[18]	583.675	279.824	274.485	274.820	274.149	H[6]
R[19]	635.709	233.838	228.499	228.834	228.162	R[5]
K[20]	687.751	181.804	176.465	176.800	176.129	K[4]
V[21]	720.774	129.762	124.422	124.758	124.086	V[3]
L[22]	758.468	96.739	91.400	91.736	91.064	L[2]
R[23]	810.502	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLR



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=74.10
- ▶ F113281.dat
- ▶ query=q30233_p1
- ▶ precursor=495.302510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2472.488	2456.469	0.000	2455.450	S[23]
G[2]	304.098	2343.443	2327.425	0.000	2326.411	G[22]
R[3]	360.199	2206.422	2270.403	2271.411	2269.395	R[21]
G[4]	417.220	2130.321	2114.302	2115.310	2113.294	G[20]
K[5]	543.315	2073.299	2057.280	2058.288	2056.273	K[19]
G[6]	602.137	1945.204	1929.185	1930.193	1928.178	G[18]
G[7]	659.358	1888.183	1872.164	1873.172	1871.156	G[17]
K[8]	787.453	1831.161	1815.143	1816.150	1814.135	K[16]
G[9]	844.475	1703.066	1687.048	1688.055	1686.040	G[15]
L[10]	957.559	1646.045	1630.026	1631.034	1629.018	L[14]
G[11]	1014.580	1532.961	1516.942	1517.950	1515.934	G[13]
R[12]	1142.675	1475.939	1459.921	1460.928	1458.913	R[12]
G[13]	1199.697	1347.844	1331.826	1332.833	1330.818	G[11]
G[14]	1256.718	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1327.795	1233.801	1217.783	1218.791	1216.775	A[0]
K[16]	1497.881	1162.764	1146.745	1147.753	1145.738	K[8]
R[17]	1653.962	992.699	976.680	977.688	975.673	R[7]
T[18]	1793.024	836.558	820.539	821.547	819.531	T[6]
R[19]	1947.122	699.499	683.480	684.488	682.472	R[5]
K[20]	2103.248	543.399	527.379	528.387	526.371	K[4]
V[21]	2202.317	387.271	371.253	372.261	370.245	V[3]
L[22]	2315.401	288.203	272.184	273.192	271.176	L[2]
R[23]	2471.502	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=74.10
- ▶ F113281.dat
- ▶ query=q30233.p1
- ▶ precursor=495.302510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.062	1236.747	1228.737	0.504	1228.233	S[23]
G[2]	102.553	1172.225	1164.210	0.504	1163.712	G[22]
R[3]	180.603	1143.715	1135.700	1136.209	1135.201	R[21]
G[4]	209.114	1085.664	1057.655	1058.159	1057.151	G[20]
K[5]	273.161	1037.151	1029.144	1029.648	1028.640	K[19]
G[6]	301.672	973.106	965.096	965.600	964.592	G[18]
G[7]	330.183	944.595	936.580	937.090	936.082	G[17]
K[8]	394.230	916.084	908.075	908.579	907.571	K[16]
G[9]	422.741	852.037	844.027	844.531	843.524	G[15]
L[10]	479.283	823.526	815.517	816.021	815.013	L[14]
G[11]	507.794	766.068	758.058	759.479	758.471	G[13]
R[12]	571.841	738.473	730.464	730.968	729.960	R[12]
G[13]	600.352	674.626	666.416	666.920	665.913	G[11]
G[14]	628.863	645.915	637.906	638.410	637.402	G[10]
A[15]	664.381	617.404	609.395	609.899	608.891	A[9]
R[16]	748.434	581.886	573.876	574.380	573.373	R[8]
R[17]	827.485	499.833	498.824	499.328	498.320	R[7]
R[18]	896.014	418.782	416.773	417.277	416.269	R[6]
R[19]	974.065	350.253	342.244	342.748	341.740	R[5]
R[20]	1052.128	272.202	264.193	264.697	263.689	R[4]
V[21]	1101.662	194.139	186.130	186.634	185.626	V[3]
L[22]	1158.204	144.605	136.596	137.100	136.092	L[2]
R[23]	1236.255	88.083	80.074	80.578	79.570	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=74.10
- ▶ F113281.dat
- ▶ query=q30233.p1
- ▶ precursor=495.302510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	824.813	819.494	0.672	019.158	S[23]
G	[2]	68.704	781.819	779.480	0.672	776.144	G[22]
R	[3]	120.738	762.812	757.473	757.808	757.137	R[21]
G	[4]	139.743	710.778	705.439	705.775	708.103	G[20]
K	[5]	182.443	691.771	686.432	686.768	686.096	K[19]
G	[6]	201.450	649.073	643.733	644.069	643.397	G[18]
G	[7]	220.458	630.066	624.726	625.062	624.390	G[17]
K	[8]	263.156	611.059	605.719	606.055	605.383	K[16]
G	[9]	282.163	568.360	563.021	563.357	562.685	G[15]
L	[10]	319.658	549.353	544.014	544.350	543.678	L[14]
G	[11]	338.665	511.658	506.319	506.655	505.983	G[13]
K	[12]	381.563	492.651	487.312	487.648	486.976	K[12]
G	[13]	400.570	449.953	444.913	444.949	444.277	G[11]
G	[14]	419.578	430.946	425.606	425.942	425.270	G[10]
A	[15]	443.257	411.939	406.599	406.935	406.263	A[9]
K	[16]	499.958	388.260	382.920	383.256	382.584	K[8]
R	[17]	551.992	351.558	326.218	326.554	325.882	R[7]
H	[18]	597.678	279.524	274.185	274.520	273.849	H[6]
R	[19]	649.712	233.838	228.498	228.834	228.162	R[5]
K	[20]	701.754	181.804	176.465	176.800	176.129	K[4]
V	[21]	734.777	129.767	124.427	124.758	124.086	V[3]
L	[22]	772.472	96.739	91.400	91.736	91.064	L[2]
R	[23]	824.505	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=74.10
- ▶ F113281.dat
- ▶ query=q30233.p1
- ▶ precursor=495.302510
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	37.525	618.877	614.872	0.755	614.620	S[23]
G	[2]	51.780	586.616	582.612	0.755	582.360	G[22]
R	[3]	60.805	572.361	568.356	568.608	568.104	R[21]
G	[4]	105.091	513.316	529.333	529.583	529.079	G[20]
K	[5]	137.084	519.080	515.076	515.328	514.824	K[19]
G	[6]	151.340	487.057	483.052	483.304	482.800	G[18]
G	[7]	165.595	472.801	468.796	469.048	468.545	G[17]
K	[8]	197.619	458.546	454.541	454.793	454.289	K[16]
G	[9]	211.874	426.522	422.517	422.769	422.265	G[15]
L	[10]	240.145	412.267	408.262	408.514	408.010	L[14]
G	[11]	254.401	383.996	379.991	380.243	379.739	G[13]
K	[12]	286.424	369.740	365.735	365.988	365.484	K[12]
G	[13]	300.680	337.717	333.712	333.964	333.460	G[11]
G	[14]	314.935	323.461	319.457	319.708	319.205	G[10]
A	[15]	332.694	309.206	305.201	305.453	304.949	A[9]
R	[16]	375.221	291.447	287.442	287.694	287.190	R[8]
R	[17]	414.246	248.920	244.915	245.167	244.664	R[7]
H	[18]	448.511	209.895	205.890	206.142	205.638	H[6]
R	[19]	487.536	175.630	171.625	171.877	171.374	R[5]
K	[20]	526.568	136.605	132.600	132.852	132.348	K[4]
V	[21]	551.335	97.573	93.568	93.821	93.317	V[3]
L	[22]	579.606	72.306	68.302	68.553	68.050	L[2]
R	[23]	618.631	44.535	40.531	40.782	40.279	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.54
- ▶ F113281.dat
- ▶ query=q30235_p1
- ▶ precursor=495.302940
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2472.488	2456.467	0.000	2455.450	S[23]
G[2]	304.098	2343.443	2327.435	0.000	2326.417	G[22]
R[3]	360.199	2208.422	2270.403	2271.411	2269.395	R[21]
G[4]	417.220	2130.321	2114.302	2115.310	2113.294	G[20]
K[5]	543.315	2073.299	2057.280	2058.288	2056.272	K[19]
G[6]	602.137	1945.204	1929.186	1930.193	1928.176	G[18]
G[7]	659.358	1888.183	1872.164	1873.172	1871.156	G[17]
K[8]	787.453	1831.161	1815.143	1816.150	1814.135	K[16]
G[9]	844.475	1703.066	1687.048	1688.055	1686.040	G[15]
L[10]	957.559	1646.045	1630.026	1631.034	1629.018	L[14]
G[11]	1014.580	1532.961	1516.942	1517.950	1515.934	G[13]
K[12]	1142.675	1475.939	1459.921	1460.928	1458.912	K[12]
G[13]	1199.697	1347.844	1331.825	1332.833	1330.818	G[11]
G[14]	1256.718	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1327.795	1233.801	1217.783	1218.791	1216.775	A[0]
K[16]	1497.881	1182.784	1146.740	1147.753	1145.738	K[8]
R[17]	1653.962	992.699	976.640	977.648	975.632	R[7]
T[18]	1793.024	836.596	820.539	821.547	819.531	T[6]
R[19]	1947.122	699.499	683.480	684.488	682.472	R[5]
K[20]	2103.248	543.398	527.379	528.387	526.371	K[4]
V[21]	2202.317	387.271	371.253	372.261	370.245	V[3]
L[22]	2315.401	288.203	272.184	273.192	271.176	L[2]
R[23]	2471.502	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=85.54
- ▶ F113281.dat
- ▶ query=q30235.p1
- ▶ precursor=495.302940
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.062	1236.747	1228.737	0.504	1228.233	S[23]
G[2]	102.553	1172.225	1164.216	0.504	1163.712	G[22]
R[3]	180.603	1143.715	1135.705	1136.209	1135.201	R[21]
G[4]	209.114	1085.664	1057.653	1058.159	1057.151	G[20]
K[5]	273.161	1037.153	1029.144	1029.648	1028.640	K[19]
G[6]	301.672	973.106	965.096	965.600	964.592	G[18]
G[7]	330.183	944.595	936.586	937.090	936.082	G[17]
K[8]	394.230	916.084	908.075	908.579	907.571	K[16]
G[9]	422.741	852.037	844.027	844.531	843.524	G[15]
L[10]	479.283	823.526	815.517	816.021	815.013	L[14]
G[11]	507.794	766.068	758.075	758.579	758.471	G[13]
R[12]	571.841	738.473	730.464	730.968	729.960	R[12]
G[13]	600.352	674.626	666.416	666.920	665.913	G[11]
G[14]	628.863	645.915	637.906	638.410	637.402	G[10]
A[15]	664.381	617.404	609.395	609.899	608.091	A[9]
K[16]	748.434	581.886	573.876	574.380	573.373	K[8]
R[17]	827.485	696.833	688.824	689.328	688.320	R[7]
R[18]	896.014	618.782	610.773	611.277	610.269	R[6]
R[19]	974.065	350.253	342.244	342.748	341.740	R[5]
K[20]	1052.128	272.202	264.193	264.697	263.689	K[4]
V[21]	1101.662	194.139	186.130	186.634	185.626	V[3]
L[22]	1158.204	144.605	136.596	137.100	136.092	L[2]
R[23]	1238.255	88.083	80.074	80.578	79.570	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=85.54
- ▶ F113281.dat
- ▶ query=q30235.p1
- ▶ precursor=495.302940
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	824.833	819.494	0.672	019.158	S[2]
G	[2]	68.704	781.819	776.480	0.672	776.144	G[22]
R	[3]	120.738	762.812	737.472	757.868	737.137	R[21]
G	[4]	139.743	710.778	705.439	705.775	705.103	G[25]
K	[5]	182.443	691.771	686.432	686.768	686.095	K[19]
G	[6]	201.450	649.073	643.733	644.069	643.397	G[18]
G	[7]	220.458	630.066	624.726	625.062	624.390	G[17]
K	[8]	263.156	611.059	605.719	606.055	605.383	K[16]
G	[9]	282.163	568.360	563.021	563.357	562.685	G[15]
L	[10]	319.658	549.353	544.014	544.350	543.678	L[14]
G	[11]	338.665	511.658	506.319	506.655	505.983	G[13]
K	[12]	381.563	492.651	487.312	487.648	486.976	K[12]
G	[13]	400.570	449.353	444.013	443.349	444.277	G[11]
G	[14]	419.578	430.346	425.006	425.342	425.270	G[10]
A	[15]	443.257	411.939	406.599	406.935	406.263	A[9]
K	[16]	499.958	388.260	382.920	383.256	382.584	K[8]
R	[17]	551.992	351.558	326.218	326.554	325.882	R[7]
H	[18]	597.678	279.524	274.185	274.520	273.849	H[6]
R	[19]	649.712	233.838	228.498	228.834	228.162	R[5]
K	[20]	701.754	181.804	176.463	176.800	176.129	K[4]
V	[21]	734.777	129.762	124.422	124.758	124.086	V[3]
L	[22]	772.472	96.739	91.400	91.736	91.064	L[2]
R	[23]	624.365	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Dimethyl}VLR^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=85.54
- ▶ F113281.dat
- ▶ query=q30235.p1
- ▶ precursor=495.302940
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	37.525	618.877	614.872	0.755	614.620	S[23]
G	[2]	51.780	586.616	582.612	0.755	582.360	G[22]
R	[3]	60.805	572.361	568.356	568.608	568.104	R[21]
G	[4]	105.061	933.336	929.332	929.583	929.079	G[20]
K	[5]	137.084	519.080	515.076	515.328	514.824	K[19]
G	[6]	151.340	487.057	483.052	483.304	482.800	G[18]
G	[7]	165.595	472.801	468.796	469.048	468.545	G[17]
K	[8]	197.619	458.546	454.541	454.793	454.289	K[16]
G	[9]	211.874	426.522	422.517	422.769	422.265	G[15]
L	[10]	240.145	412.267	408.262	408.514	408.010	L[14]
G	[11]	254.401	383.996	379.991	380.243	379.739	G[13]
K	[12]	286.424	369.740	365.735	365.988	365.484	K[12]
G	[13]	300.680	337.717	333.712	333.964	333.460	G[11]
G	[14]	314.935	323.461	319.457	319.708	319.205	G[10]
A	[15]	332.694	309.206	305.201	305.453	304.949	A[9]
R	[16]	375.221	291.447	287.442	287.694	287.190	R[8]
R	[17]	414.246	248.920	244.915	245.167	244.664	R[7]
H	[18]	448.511	209.895	205.890	206.142	205.638	H[6]
R	[19]	487.536	175.630	171.625	171.877	171.374	R[5]
K	[20]	526.568	136.605	132.600	132.852	132.348	K[4]
V	[21]	551.335	97.573	93.569	93.821	93.317	V[9]
L	[22]	579.606	72.306	68.302	68.553	68.050	L[8]
R	[23]	618.631	44.535	40.531	40.782	40.279	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=118.13
- ▶ F113281.dat
- ▶ query=q30237_p1
- ▶ precursor=618.877070
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2472.488	2456.469	0.000	2455.450	S[23]
G[2]	304.098	2343.443	2327.425	0.000	2326.411	G[22]
R[3]	360.199	2208.422	2270.403	2271.411	2269.395	R[21]
G[4]	417.220	2130.321	2114.302	2115.310	2113.294	G[20]
K[5]	543.315	2073.299	2057.280	2058.288	2056.273	K[19]
G[6]	602.137	1945.204	1929.185	1930.193	1928.178	G[18]
G[7]	659.358	1888.183	1872.164	1873.172	1871.156	G[17]
K[8]	787.453	1831.161	1815.143	1816.150	1814.135	K[16]
G[9]	844.475	1703.066	1687.048	1688.055	1686.040	G[15]
L[10]	957.559	1646.045	1630.026	1631.034	1629.018	L[14]
G[11]	1014.580	1530.961	1515.942	1517.950	1515.934	G[13]
R[12]	1142.675	1475.939	1459.921	1460.928	1458.913	R[12]
G[13]	1199.697	1347.844	1331.826	1332.833	1330.818	G[11]
G[14]	1256.718	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1327.755	1233.801	1217.783	1218.791	1216.775	A[0]
K[16]	1497.861	1182.784	1166.765	1147.753	1145.738	K[8]
R[17]	1653.962	992.699	976.680	977.648	976.633	R[7]
F[18]	1793.924	836.588	820.569	821.547	819.531	F[6]
R[19]	1947.122	699.499	683.480	684.488	682.472	R[5]
K[20]	2103.248	543.398	527.379	528.387	526.371	K[4]
V[21]	2202.317	387.271	371.253	372.261	370.245	V[3]
L[22]	2315.401	288.203	272.184	273.192	271.176	L[2]
R[23]	2471.502	178.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=118.13
- ▶ F113281.dat
- ▶ query=q30237_p1
- ▶ precursor=618.877070
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1236.747	1228.737	0.904	1228.233	S[2]
G[2]	102.563	1172.225	1164.216	0.904	1163.712	G[2]
R[3]	180.603	1143.715	1135.705	1136.209	1135.201	R[2]
G[4]	209.114	1095.664	1057.655	1058.159	1057.151	G[20]
K[5]	273.161	1037.153	1029.144	1029.648	1028.640	K[19]
G[6]	301.672	978.100	965.096	965.600	964.592	G[18]
G[7]	330.183	944.592	936.586	937.090	936.082	G[17]
K[8]	394.230	916.084	908.075	908.579	907.571	K[16]
G[9]	422.741	882.037	844.027	844.531	843.524	G[15]
L[10]	479.283	823.520	815.517	816.021	815.013	L[14]
G[11]	507.794	766.968	758.975	759.479	758.471	G[13]
R[12]	571.841	738.477	730.464	730.968	729.960	R[12]
G[13]	600.352	674.426	666.416	666.920	665.913	G[11]
G[14]	628.863	645.915	637.906	638.410	637.402	G[10]
A[15]	664.301	617.404	609.395	609.899	608.891	A[9]
R[16]	748.434	581.899	573.876	574.380	573.373	R[8]
R[17]	827.485	496.810	488.826	489.328	488.320	R[7]
R[18]	896.014	418.762	410.773	411.277	410.269	R[6]
R[19]	974.065	350.253	342.264	342.768	341.760	R[5]
R[20]	1052.128	272.202	264.193	264.697	263.689	R[4]
V[21]	1101.662	194.139	186.130	186.634	185.626	V[3]
L[22]	1158.204	144.605	136.596	137.100	136.092	L[2]
R[23]	1236.255	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}
42.01 28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=118.13
- ▶ F113281.dat
- ▶ query=q30237.p1
- ▶ precursor=618.877070
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	824.833	819.494	0.672	819.158	S[2]
G[2]	68.704	781.819	776.480	0.672	776.144	G[22]
K[3]	120.738	782.812	791.473	797.808	797.137	K[21]
G[4]	139.745	710.775	705.438	705.775	705.103	G[20]
K[5]	182.443	591.771	686.432	686.768	686.096	K[19]
G[6]	201.450	549.073	643.733	644.069	643.397	G[18]
G[7]	220.458	630.066	624.726	625.062	624.390	G[17]
K[8]	263.156	611.059	605.719	606.055	605.383	K[16]
G[9]	282.163	568.360	563.021	563.357	562.685	G[15]
L[10]	319.858	549.353	544.014	544.350	543.678	L[14]
G[11]	338.865	611.858	506.319	506.655	505.983	G[13]
K[12]	381.563	492.851	487.312	487.648	486.976	K[12]
G[13]	400.570	549.853	444.013	444.349	443.677	G[11]
G[14]	419.578	630.846	425.606	425.942	425.270	G[10]
A[15]	443.257	411.939	406.599	406.935	406.263	A[9]
K[16]	499.958	388.260	382.920	383.256	382.584	K[8]
R[17]	551.992	331.558	326.218	326.554	325.882	R[7]
H[18]	597.678	279.524	274.185	274.520	273.849	H[6]
R[19]	649.712	233.838	228.498	228.834	228.162	R[5]
K[20]	701.754	181.804	176.465	176.800	176.129	K[4]
V[21]	734.777	129.762	124.422	124.758	124.086	V[3]
L[22]	772.472	96.739	91.400	91.736	91.064	L[2]
R[23]	824.505	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.88
- ▶ F113281.dat
- ▶ query=q30239_p1
- ▶ precursor=618.877400
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2472.488	2456.489	0.0000	2455.490	S[23]
G[2]	304.098	2343.443	2327.435	0.0000	2326.417	G[22]
R[3]	360.199	2208.422	2270.403	2271.411	2269.395	R[21]
G[4]	417.220	2130.321	2114.302	2115.310	2113.294	G[20]
K[5]	543.315	2073.299	2057.280	2058.288	2056.273	K[19]
G[6]	602.137	1945.204	1929.186	1930.193	1928.175	G[18]
G[7]	659.358	1888.183	1872.164	1873.172	1871.156	G[17]
K[8]	787.453	1831.161	1815.143	1816.150	1814.135	K[16]
G[9]	844.475	1763.066	1687.048	1688.055	1686.040	G[15]
L[10]	957.559	1646.045	1630.026	1631.034	1629.018	L[14]
G[11]	1014.580	1532.961	1516.942	1517.950	1515.934	G[13]
R[12]	1142.675	1475.939	1459.921	1460.928	1458.913	R[12]
G[13]	1199.697	1347.844	1331.826	1332.833	1330.818	G[11]
G[14]	1256.718	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1327.795	1233.801	1217.783	1218.791	1216.775	A[0]
K[16]	1497.861	1182.784	1146.746	1147.753	1145.738	K[8]
R[17]	1653.962	992.699	976.680	977.648	976.632	R[7]
T[18]	1793.024	836.588	820.569	821.547	819.533	T[6]
R[19]	1947.122	699.499	683.480	684.488	682.472	R[5]
K[20]	2103.248	543.398	527.379	528.387	526.371	K[4]
V[21]	2202.317	387.271	371.253	372.261	370.245	V[3]
L[22]	2315.401	288.203	272.184	273.192	271.176	L[2]
R[23]	2471.502	178.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.88
- ▶ F113281.dat
- ▶ query=q30239_p1
- ▶ precursor=618.877400
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1236.747	1228.737	0.904	1228.233	S[2]
G[2]	102.563	1172.225	1164.216	0.904	1163.712	G[2]
R[3]	180.603	1143.715	1135.705	1136.209	1135.201	R[2]
G[4]	209.114	1095.664	1057.655	1058.159	1057.151	G[20]
K[5]	273.161	1037.153	1029.144	1029.648	1028.643	K[10]
G[6]	301.672	973.193	965.096	965.590	964.592	G[18]
G[7]	330.183	944.595	936.586	937.080	936.082	G[17]
K[8]	394.230	916.084	908.075	908.579	907.571	K[16]
G[9]	422.741	852.037	844.027	844.531	843.524	G[15]
L[10]	479.283	823.520	815.517	816.021	815.013	L[14]
G[11]	507.794	766.964	758.975	759.479	758.471	G[13]
R[12]	573.841	738.473	730.464	730.968	729.960	R[12]
G[13]	600.352	674.426	666.416	666.920	665.913	G[11]
G[14]	628.863	645.915	637.906	638.410	637.402	G[10]
A[15]	664.361	617.404	609.395	609.899	608.891	A[9]
K[16]	748.434	581.896	573.876	574.380	573.373	K[8]
R[17]	827.485	496.812	488.824	489.328	488.320	R[7]
R[18]	894.014	418.762	410.773	411.277	410.269	R[6]
R[19]	974.065	350.253	342.264	342.768	341.760	R[5]
K[20]	1052.128	272.202	264.193	264.697	263.689	K[4]
V[21]	1101.662	194.139	186.130	186.634	185.626	V[3]
L[22]	1158.204	144.605	136.596	137.100	136.092	L[2]
R[23]	1236.255	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

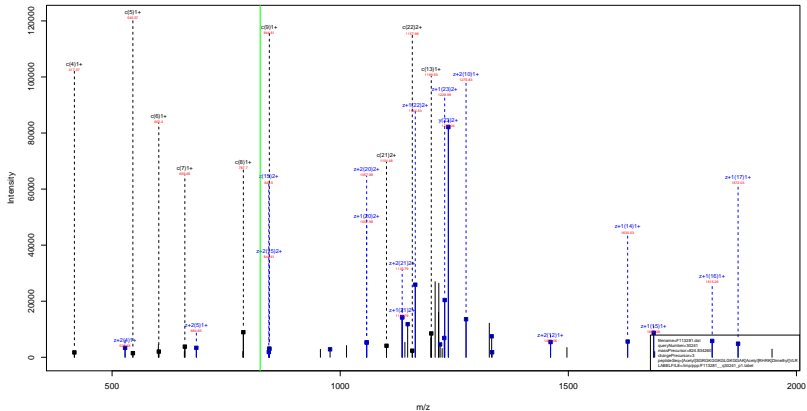
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=75.88
- ▶ F113281.dat
- ▶ query=q30239_p1
- ▶ precursor=618.877400
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	824.833	819.494	0.672	819.158	S[2]
G[2]	68.704	781.819	776.480	0.677	776.144	G[2]
R[3]	120.738	702.312	757.473	757.808	757.137	R[2]
G[4]	139.745	710.778	705.439	705.775	705.103	G[20]
K[5]	182.443	691.771	686.432	686.768	686.096	K[19]
G[6]	201.450	649.073	643.731	644.069	643.397	G[18]
G[7]	220.458	630.066	624.726	625.062	624.390	G[17]
K[8]	263.156	611.059	605.719	606.055	605.383	K[16]
G[9]	282.163	568.360	563.021	563.357	562.685	G[15]
L[10]	319.858	549.353	544.014	544.350	543.678	L[14]
G[11]	338.865	511.658	506.319	506.655	505.983	G[13]
K[12]	381.563	492.651	487.312	487.648	486.976	K[12]
G[13]	400.570	449.953	444.613	444.949	444.277	G[11]
G[14]	419.578	430.946	425.606	425.942	425.270	G[10]
A[15]	443.257	411.939	406.599	406.935	406.263	A[9]
K[16]	499.958	388.260	382.920	383.256	382.584	K[8]
R[17]	551.992	331.558	326.218	326.554	325.882	R[7]
H[18]	597.678	279.524	274.185	274.520	273.849	H[6]
R[19]	649.712	233.838	228.498	228.834	228.162	R[5]
K[20]	701.754	181.804	176.465	176.800	176.129	K[4]
V[21]	734.777	129.762	124.422	124.758	124.086	V[3]
L[22]	772.472	96.739	91.400	91.736	91.064	L[2]
R[23]	824.505	59.645	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl RHRK Dimethyl VLR
42.01 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.57
- ▶ F113281.dat
- ▶ query=q30241_p1
- ▶ precursor=824.834260
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2472.488	2456.469	0.000	2455.450	S[23]
G[2]	304.068	2343.443	2327.425	0.000	2326.411	G[22]
R[3]	360.199	2208.422	2270.403	2271.411	2269.395	R[21]
G[4]	417.220	2130.321	2114.302	2115.310	2113.294	G[20]
K[5]	543.315	2073.299	2057.280	2058.288	2056.273	K[19]
G[6]	602.137	1945.204	1929.186	1930.193	1928.176	G[18]
G[7]	659.358	1888.183	1872.164	1873.172	1871.156	G[17]
K[8]	787.453	1831.161	1815.143	1816.150	1814.135	K[16]
G[9]	844.475	1774.066	1687.048	1688.055	1686.040	G[15]
L[10]	987.559	1646.045	1630.026	1631.034	1629.018	L[14]
G[11]	1074.580	1532.961	1516.942	1517.950	1515.934	G[13]
R[12]	1142.078	1475.939	1459.921	1460.928	1458.913	R[12]
G[13]	1199.697	1347.844	1331.826	1332.833	1330.818	G[11]
G[14]	1256.718	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1327.795	1233.801	1217.783	1218.791	1216.775	A[0]
K[16]	1497.881	1182.764	1166.746	1147.753	1145.738	K[8]
R[17]	1653.962	992.699	976.680	977.648	976.632	R[7]
T[18]	1793.024	836.588	820.569	821.547	819.531	T[6]
R[19]	1947.122	699.499	683.480	684.488	682.472	R[5]
K[20]	2103.248	543.398	527.379	528.387	526.371	K[4]
V[21]	2202.317	387.271	371.253	372.261	370.245	V[3]
L[22]	2315.401	288.203	272.184	273.192	271.176	L[2]
R[23]	2471.502	178.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

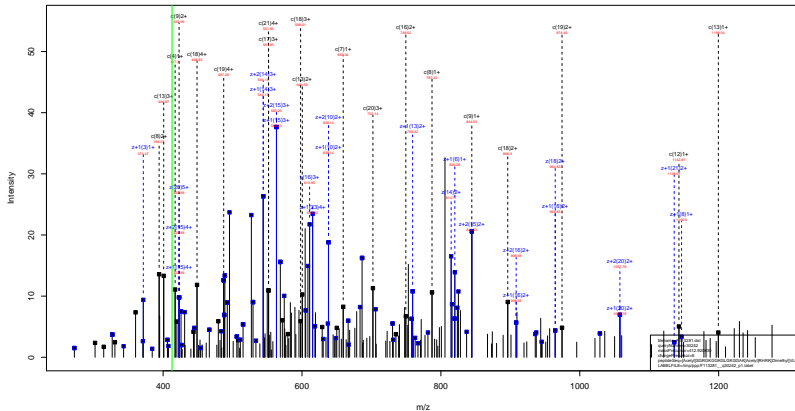
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.57
- ▶ F113281.dat
- ▶ query=q30241_p1
- ▶ precursor=824.834260
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1236.747	1228.737	0.504	1228.233	S 21
G 2	102.553	1172.225	1164.216	0.504	1163.712	G 22
R 3	180.603	1143.715	1135.705	1136.209	1135.201	R 21
G 4	209.114	1065.664	1057.655	1058.159	1057.151	G 20
K 5	273.161	1037.153	1029.144	1029.648	1028.640	K 19
G 6	301.672	978.100	965.090	965.593	964.585	G 18
G 7	330.183	944.595	936.586	937.090	936.082	G 17
K 8	394.230	916.084	908.075	908.579	907.571	K 16
G 9	422.741	852.031	844.022	844.531	843.524	G 15
L 10	479.283	823.520	815.511	816.011	815.013	L 14
G 11	507.794	768.067	758.075	759.479	758.471	G 13
K 12	571.841	738.873	730.864	731.868	729.860	K 12
G 13	600.352	674.426	666.418	666.920	665.913	G 11
G 14	638.863	645.915	637.906	638.410	637.402	G 10
A 15	664.371	617.404	609.395	609.899	608.891	A 9
K 16	749.414	581.896	573.876	574.380	573.373	K 8
R 17	817.465	498.833	488.823	489.328	488.321	R 7
H 18	896.014	418.782	410.773	411.277	410.269	H 6
R 19	974.065	350.253	342.244	342.748	341.740	R 5
K 20	1052.116	272.202	264.193	264.697	263.689	K 4
V 21	1101.662	194.139	186.130	186.634	185.626	V 3
L 22	1158.204	144.605	136.596	137.100	136.092	L 1
R 23	1236.255	88.051	80.044	80.558	79.550	R 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl} RHRK ^{Dimethyl} VLR
 42.01 28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}
42.01 28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.79
- ▶ F113281.dat
- ▶ query=q30242.p1
- ▶ precursor=412.920830
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2472.488	2456.407	0.000	2455.459	S[23]
G[2]	204.098	2343.443	2327.425	0.000	2326.417	G[22]
R[3]	360.199	2239.422	2270.403	2271.411	2269.395	R[21]
G[4]	417.220	2130.321	2114.302	2115.310	2113.294	G[20]
K[5]	542.319	2072.290	2057.280	2058.288	2056.273	K[19]
G[6]	602.337	1946.204	1929.186	1930.193	1928.178	G[18]
G[7]	659.358	1888.183	1872.164	1873.172	1871.156	G[17]
K[8]	787.453	1831.161	1815.143	1816.150	1814.135	K[16]
G[9]	844.475	1773.066	1687.048	1688.055	1686.040	G[15]
L[10]	957.559	1646.045	1630.026	1631.034	1629.019	L[14]
G[11]	1014.580	1532.961	1516.942	1517.950	1515.934	G[13]
R[12]	1142.675	1475.935	1459.917	1460.926	1458.911	R[12]
G[13]	1198.697	1347.844	1331.826	1332.833	1330.818	G[11]
G[14]	1256.718	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1327.735	1233.801	1217.783	1218.791	1216.775	A[9]
K[16]	1497.801	1162.764	1146.746	1147.753	1145.738	K[8]
R[17]	1653.962	992.659	976.640	977.648	975.633	R[7]
H[18]	1791.021	836.558	820.539	821.547	819.531	H[6]
R[19]	1847.122	599.499	683.480	684.488	682.473	R[5]
K[20]	2103.246	543.395	527.379	528.387	526.371	K[4]
V[21]	2202.317	387.271	371.253	372.261	370.245	V[3]
L[22]	2315.401	288.203	272.184	273.192	271.176	L[2]
R[23]	2471.502	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=37.79
- ▶ F113281.dat
- ▶ query=q30242.p1
- ▶ precursor=412.920830
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1236.747	1226.737	0.504	1226.231	S[2]
G[2]	102.553	1172.225	1164.210	0.504	1163.712	G[2]
R[3]	180.603	1143.715	1135.705	1136.209	1135.201	R[2]
G[4]	259.114	1065.664	1057.655	1058.159	1057.151	G[2]
K[5]	277.183	1037.153	1029.144	1029.640	1028.640	K[10]
G[6]	301.672	973.196	965.096	965.600	964.592	G[16]
G[7]	330.183	944.595	938.589	937.090	936.082	G[17]
K[8]	394.230	916.084	908.075	908.579	907.571	K[10]
G[9]	422.741	862.637	844.627	844.531	843.524	G[15]
L[10]	479.283	823.526	815.517	816.021	815.013	L[14]
G[11]	507.794	765.984	758.975	759.479	758.471	G[15]
R[12]	571.841	738.473	730.464	730.968	729.960	R[12]
G[13]	600.352	674.426	666.416	666.920	665.913	G[11]
G[14]	628.863	645.915	637.906	638.410	637.402	G[10]
A[15]	664.381	617.404	609.395	609.899	608.891	A[0]
K[16]	749.434	581.896	573.870	574.380	573.373	K[8]
R[17]	807.885	496.831	488.824	489.328	488.320	R[7]
T[18]	896.034	418.382	410.373	411.877	410.369	T[6]
R[19]	974.065	350.253	342.244	342.748	341.740	R[5]
K[20]	1052.139	272.202	264.193	264.697	263.689	K[4]
V[21]	1101.662	194.139	186.130	186.634	185.626	V[3]
L[22]	1158.204	144.605	136.596	137.100	136.092	L[3]
R[23]	1236.255	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=37.79
- ▶ F113281.dat
- ▶ query=q30242.p1
- ▶ precursor=412.920830
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	49.697	824.833	819.494	0.672	819.158	S[23]
G	[2]	68.704	781.819	775.480	0.672	776.144	G[22]
R	[3]	120.738	762.812	757.473	757.868	757.137	R[21]
G	[4]	139.743	710.776	705.439	705.775	705.103	G[20]
K	[5]	182.443	691.771	686.432	686.768	686.096	K[19]
G	[6]	201.450	649.073	643.733	644.069	643.397	G[18]
G	[7]	220.458	630.066	624.726	625.062	624.390	G[17]
K	[8]	263.156	611.059	605.719	606.055	605.383	K[16]
G	[9]	282.163	568.360	563.021	563.357	562.685	G[15]
L	[10]	319.658	549.353	544.014	544.350	543.678	L[14]
G	[11]	338.665	511.658	506.319	506.655	505.983	G[13]
K	[12]	381.563	492.651	487.312	487.648	486.976	K[12]
G	[13]	400.570	419.563	444.613	444.949	444.277	G[11]
G	[14]	419.578	430.946	425.606	425.942	425.270	G[10]
A	[15]	443.257	411.939	406.599	406.935	406.263	A[9]
K	[16]	499.958	388.260	382.920	383.256	382.584	K[8]
R	[17]	551.992	351.558	326.218	326.554	325.882	R[7]
H	[18]	597.678	279.524	274.185	274.520	273.849	H[6]
R	[19]	649.712	233.838	228.498	228.834	228.162	R[5]
K	[20]	701.754	181.804	176.465	176.800	176.129	K[4]
V	[21]	734.777	129.762	124.422	124.758	124.086	V[3]
L	[22]	772.472	96.739	91.400	91.736	91.064	L[2]
K	[23]	824.505	59.043	53.703	54.041	53.369	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=37.79
- ▶ F113281.dat
- ▶ query=q30242.p1
- ▶ precursor=412.920830
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	[1]	37.525	618.877	614.872	0.755	614.620	S[23]
G	[2]	51.780	586.616	582.612	0.755	582.360	G[22]
R	[3]	60.806	732.361	568.356	564.608	538.104	R[21]
G	[4]	105.091	533.336	529.331	529.593	529.079	G[20]
K	[5]	137.084	519.080	515.076	515.328	514.824	K[19]
G	[6]	151.340	487.057	483.052	483.304	482.800	G[18]
G	[7]	165.595	472.801	468.796	469.048	468.545	G[17]
K	[8]	197.619	458.546	454.541	454.793	454.289	K[16]
G	[9]	211.874	426.522	422.517	422.769	422.265	G[15]
L	[10]	240.145	412.267	408.262	408.514	408.010	L[14]
G	[11]	254.401	383.996	379.991	380.243	379.739	G[13]
K	[12]	286.424	369.740	365.736	365.988	365.484	K[12]
G	[13]	307.680	337.717	333.712	333.964	333.460	G[11]
G	[14]	314.935	323.461	319.457	319.708	319.205	G[10]
A	[15]	332.694	309.206	305.201	305.453	304.949	A[9]
K	[16]	375.221	291.447	287.442	287.694	287.190	K[8]
R	[17]	414.246	248.920	244.915	245.167	244.664	R[7]
H	[18]	448.511	209.895	205.890	206.142	205.638	H[6]
R	[19]	487.536	175.630	171.625	171.877	171.374	R[5]
K	[20]	526.568	136.605	132.600	132.852	132.348	K[4]
V	[21]	551.335	97.573	93.569	93.821	93.317	V[3]
L	[22]	579.606	72.306	68.302	68.553	68.050	L[2]
R	[23]	618.631	44.535	40.531	40.782	40.279	R[1]

sp | P62806 | H4_MOUSE

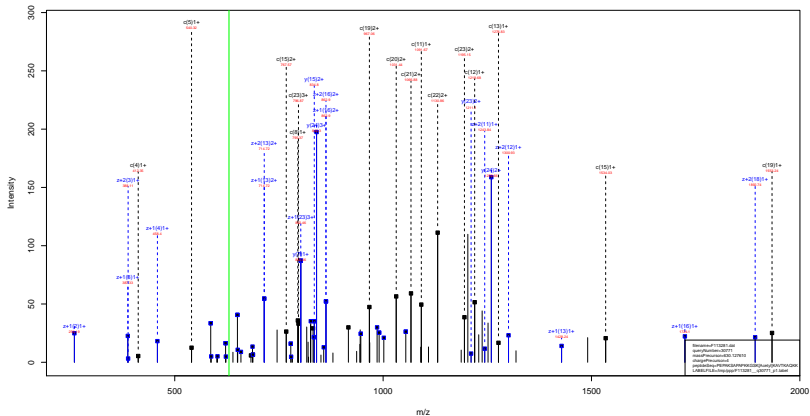
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLR^{28.03}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=37.79
- ▶ F113281.dat
- ▶ query=q30242_p1
- ▶ precursor=412.920830
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	495.303	492.099	0.806	491.898	S[2]
G[2]	41.625	469.494	466.291	0.806	466.089	G[22]
R[3]	72.866	438.993	434.388	433.088	431.385	R[21]
G[4]	84.250	426.870	423.666	423.868	423.465	G[20]
K[5]	109.869	415.466	412.262	412.463	412.060	K[19]
G[6]	121.273	389.647	386.641	386.844	386.441	G[18]
G[7]	132.677	378.442	375.239	375.440	375.037	G[17]
K[8]	158.296	367.038	363.834	364.036	363.633	K[16]
G[9]	169.701	341.419	338.215	338.417	338.014	G[15]
L[10]	192.318	330.015	326.811	327.013	326.609	L[14]
G[11]	203.722	307.398	304.194	304.396	303.993	G[13]
K[12]	229.341	295.994	292.790	292.992	292.589	K[12]
G[13]	240.745	270.375	267.171	267.373	266.969	G[11]
G[14]	252.149	258.970	255.767	255.968	255.565	G[10]
A[15]	266.357	247.566	244.362	244.564	244.161	A[9]
K[16]	300.378	233.359	230.155	230.357	229.953	K[8]
R[17]	331.598	199.338	196.134	196.335	195.932	R[7]
H[18]	359.010	168.117	164.914	165.115	164.712	H[6]
R[19]	390.230	140.706	137.502	137.703	137.300	R[5]
K[20]	421.435	109.485	106.282	106.483	106.080	K[4]
V[21]	441.269	78.260	75.056	75.258	74.855	V[3]
L[22]	463.886	58.446	55.243	55.444	55.041	L[2]
R[23]	495.106	35.830	32.626	32.827	32.424	R[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK ^{Acetyl} 42.01 KAVTKAQKK



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl} KAVTKAQKK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.68
- ▶ F113281.dat
- ▶ query=q30771_p1
- ▶ precursor=630.127610
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	115.087	2517.488	2501.469	0.000	2500.461	P[24]
E	2	284.129	2420.435	2408.416	0.000	2403.408	E[23]
F	3	287.162	2291.362	2275.273	0.000	2274.366	F[22]
A	4	412.210	2194.330	2178.301	0.000	2177.311	A[21]
K	5	540.314	2123.302	2107.284	2108.291	2105.276	K[20]
S	6	627.346	1995.207	1979.189	1980.196	1978.181	S[19]
A	7	698.383	1908.175	1892.157	1893.164	1891.149	A[18]
P	8	795.436	1837.139	1821.119	1822.127	1820.112	P[17]
A	9	866.473	1740.085	1724.067	1725.075	1723.059	A[16]
T	10	983.526	1669.042	1653.023	1654.031	1652.022	T[15]
K	11	1091.621	1571.998	1555.977	1556.985	1554.969	K[14]
K	12	1219.716	1443.901	1427.882	1428.890	1426.874	K[13]
G	13	1276.737	1315.808	1299.787	1300.795	1298.779	G[12]
S	14	1363.769	1258.784	1242.765	1243.773	1241.758	S[11]
K	15	1533.875	1127.752	1112.733	1116.741	1114.726	K[10]
K	16	1663.919	1001.647	985.628	986.636	984.620	K[9]
A	17	1733.007	873.552	857.533	858.541	856.525	A[8]
V	18	1832.075	802.515	786.496	787.504	785.488	V[7]
T	19	1933.123	703.446	687.427	688.435	686.420	T[6]
K	20	2061.216	602.398	586.380	587.388	585.372	K[5]
A	21	2132.285	474.303	458.285	459.293	457.277	A[4]
Q	22	2290.314	403.256	387.248	388.255	386.240	Q[3]
K	23	2388.409	275.208	259.189	260.197	258.181	K[2]
K	24	2516.504	147.113	131.094	132.102	130.086	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl} KAVTKAQKK
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.68
- ▶ F113281.dat
- ▶ query=q30771_p1
- ▶ precursor=630.127610
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	1250.247	1251.238	0.504	1250.734	P[24]
E[2]	122.568	1210.721	1202.712	0.504	1202.208	E[23]
F[3]	171.095	1146.200	1138.190	0.504	1137.686	F[22]
A[4]	208.613	1097.673	1089.664	0.504	1089.160	A[21]
K[5]	270.561	1082.155	1054.145	1054.645	1053.642	K[20]
S[6]	314.177	998.107	990.098	990.602	989.594	S[19]
A[7]	349.695	954.591	946.582	947.086	946.078	A[18]
P[8]	398.222	919.073	911.063	911.567	910.559	P[17]
A[9]	433.740	878.545	862.537	863.041	862.033	A[16]
T[10]	482.267	835.028	827.018	827.522	826.515	T[15]
K[11]	546.314	788.501	778.492	778.996	777.988	K[14]
K[12]	610.362	722.454	714.445	714.948	713.941	K[13]
G[13]	638.872	658.406	650.397	650.901	649.893	G[12]
S[14]	682.388	620.690	621.886	622.390	621.382	S[11]
K[15]	747.441	586.380	578.370	578.874	577.866	K[10]
K[16]	831.488	501.327	493.318	493.821	492.814	K[9]
A[17]	887.007	437.270	429.270	429.774	428.766	A[8]
V[18]	916.541	401.761	393.752	394.255	393.248	V[7]
T[19]	967.065	352.227	344.217	344.721	343.713	T[6]
K[20]	1031.113	301.703	293.693	294.197	293.190	K[5]
A[21]	1066.631	237.655	229.646	230.150	229.143	A[4]
Q[22]	1130.660	202.137	194.127	194.631	193.624	Q[3]
K[23]	1194.708	138.108	130.098	130.602	129.594	K[2]
K[24]	1258.755	74.060	66.051	66.555	65.547	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSK^{Acetyl} KAVTKAQKK
42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=72.68
- ▶ F113281.dat
- ▶ query=q30771_p1
- ▶ precursor=630.127610
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	99.034	839.834	834.494	0.672	834.159	P[24]
E[2]	82.048	807.483	802.144	0.672	801.808	E[23]
P[3]	114.999	764.469	759.129	0.672	758.793	P[22]
A[4]	138.078	732.118	726.778	0.672	726.442	A[21]
K[5]	180.776	708.439	703.099	703.435	702.763	K[20]
S[6]	209.787	665.741	660.401	660.727	660.005	S[19]
A[7]	233.466	636.730	631.390	631.726	631.054	A[18]
P[8]	265.817	613.051	607.711	608.047	607.375	P[17]
A[9]	289.496	588.700	583.360	583.696	583.024	A[16]
P[10]	321.847	557.021	551.681	552.017	551.345	P[15]
K[11]	364.545	524.670	519.330	519.666	518.995	K[14]
K[12]	407.243	481.972	476.632	476.968	476.296	K[13]
G[13]	426.251	439.273	433.934	434.270	433.598	G[12]
S[14]	455.261	420.266	414.927	415.263	414.591	S[11]
K[15]	511.963	391.256	385.916	386.252	385.580	K[10]
K[16]	554.661	334.554	329.214	329.550	328.878	K[9]
A[17]	578.340	291.855	286.515	286.852	286.180	A[8]
V[18]	611.363	268.176	262.837	263.173	262.501	V[7]
T[19]	645.045	235.154	229.814	230.150	229.478	T[6]
K[20]	687.744	201.471	196.131	196.467	195.795	K[5]
A[21]	711.423	158.771	153.431	153.767	153.097	A[4]
Q[22]	754.109	135.094	129.754	130.090	129.418	Q[3]
K[23]	796.808	92.407	87.068	87.404	86.732	K[2]
K[24]	839.506	49.700	44.370	44.705	44.034	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=89.21
- ▶ F113281.dat
- ▶ query=q31171_p1
- ▶ precursor=512.105650
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2566.507	2540.488	0.000	2539.488	S[23]
G[2]	304.098	2427.464	2411.446	0.000	2410.438	G[22]
R[3]	360.199	2370.443	2354.424	2355.432	2353.416	R[21]
G[4]	417.220	2214.342	2198.323	2199.331	2197.315	G[20]
K[5]	543.315	2137.320	2141.302	2142.309	2140.293	K[19]
G[6]	602.137	2039.225	2013.207	2014.214	2012.199	G[18]
G[7]	659.358	1972.204	1956.185	1957.193	1955.177	G[17]
K[8]	829.464	1915.182	1899.164	1900.172	1898.156	K[16]
G[9]	886.485	1745.077	1729.058	1730.066	1728.050	G[15]
L[10]	999.569	1688.055	1672.037	1673.045	1671.029	L[14]
G[11]	1056.591	1574.071	1558.053	1559.060	1557.045	G[13]
R[12]	1228.696	1317.956	1301.938	1302.936	1300.921	R[12]
G[13]	1283.718	1347.844	1331.826	1332.833	1330.818	G[11]
G[14]	1340.739	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1411.776	1233.801	1217.783	1218.791	1216.775	A[9]
K[16]	1581.882	1162.764	1146.746	1147.753	1145.738	K[8]
R[17]	1737.983	892.699	876.680	877.688	876.673	R[7]
T[18]	1879.082	636.558	620.539	621.547	619.531	T[6]
R[19]	2031.143	609.439	603.400	604.408	602.472	R[5]
K[20]	2187.209	543.398	527.379	528.387	526.371	K[4]
V[21]	2286.338	387.271	371.253	372.261	370.245	V[3]
L[22]	2399.422	288.203	272.184	273.192	271.176	L[2]
R[23]	2555.523	178.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=89.21
- ▶ F113281.dat
- ▶ query=q31171_p1
- ▶ precursor=512.105650
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.062	1276.757	1270.748	0.504	1270.244	S[2]
G[2]	102.563	1214.236	1206.226	0.504	1205.723	G[2]
R[3]	180.603	1195.725	1177.710	1178.220	1177.212	R[2]
G[4]	209.114	1107.675	1099.665	1100.169	1099.161	G[20]
K[5]	273.161	1079.164	1071.154	1071.658	1070.651	K[19]
G[6]	301.672	975.116	1007.107	1007.611	1006.603	G[18]
G[7]	330.183	986.606	978.596	979.100	978.092	G[17]
K[8]	415.236	958.095	950.085	950.589	949.582	K[16]
G[9]	443.746	873.042	865.033	865.537	864.529	G[15]
L[10]	500.288	844.531	836.522	837.026	836.018	L[14]
G[11]	538.799	727.009	779.980	780.484	779.476	G[13]
R[12]	613.652	759.479	751.469	751.973	750.965	R[12]
G[13]	642.363	574.526	666.416	666.920	665.913	G[11]
G[14]	670.873	645.915	637.906	638.410	637.402	G[10]
A[15]	706.392	617.404	609.395	609.899	606.891	A[9]
K[16]	791.445	581.888	573.876	574.380	573.373	K[8]
R[17]	869.495	496.833	488.824	489.328	488.320	R[7]
R[18]	938.025	418.782	410.773	411.277	410.269	R[6]
R[19]	1016.075	350.253	342.244	342.748	341.740	R[5]
K[20]	1094.138	272.202	264.193	264.697	263.689	K[4]
V[21]	1143.673	194.139	186.130	186.634	185.626	V[3]
L[22]	1200.215	144.605	136.596	137.100	136.092	L[2]
R[23]	1278.265	88.083	80.074	80.578	79.570	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=89.21
- ▶ F113281.dat
- ▶ query=q31171_p1
- ▶ precursor=512.105650
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	852.841	847.501	0.672	847.165	S 23
G 2	68.704	809.826	804.487	0.672	804.151	G 22
K 3	120.738	700.819	705.489	785.816	785.144	K 21
G 4	139.745	138.785	733.446	733.782	733.110	G 20
K 5	182.443	719.778	714.439	714.775	714.103	K 19
G 6	201.450	677.080	671.740	672.076	671.404	G 18
G 7	220.458	658.073	652.733	653.069	652.397	G 17
K 8	277.159	639.066	633.726	634.062	633.390	K 16
G 9	296.167	582.364	577.024	577.360	576.688	G 15
L 10	333.861	563.357	558.017	558.353	557.681	L 14
G 11	352.868	525.662	520.322	520.658	519.986	G 13
K 12	409.570	506.655	501.315	501.651	500.979	K 12
G 13	428.577	449.953	444.613	444.949	444.277	G 11
G 14	447.585	430.946	425.606	425.942	425.270	G 10
A 15	471.264	411.939	406.599	406.935	406.263	A 9
K 16	527.966	388.260	382.920	381.256	382.584	K 8
R 17	579.999	331.558	326.218	326.554	325.882	R 7
H 18	625.686	279.524	274.185	274.520	273.849	H 6
R 19	677.719	233.838	228.498	228.834	228.162	R 5
K 20	729.761	181.804	176.465	176.800	176.129	K 4
V 21	762.784	129.762	124.422	124.758	124.086	V 3
L 22	800.479	96.739	91.400	91.736	91.064	L 2
R 23	852.513	59.045	53.705	54.041	53.369	R 1

sp | P62806 | H4_MOUSE

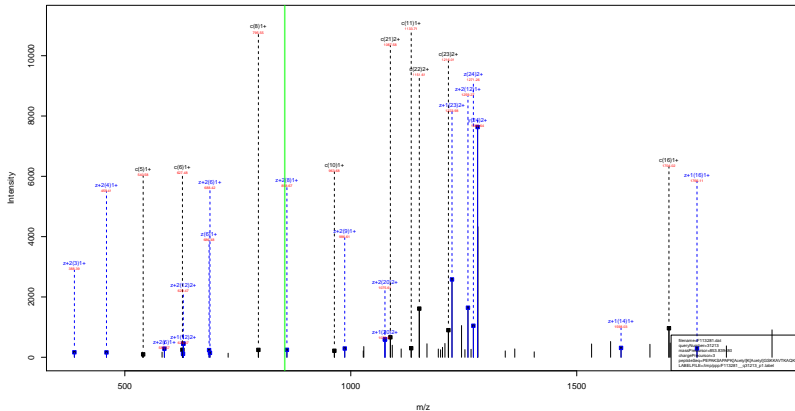
[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=89.21
- ▶ F113281.dat
- ▶ query=q31171_p1
- ▶ precursor=512.105650
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	639.882	635.878	0.755	635.626	S[23]
G[2]	51.780	607.622	603.617	0.755	603.365	G[22]
R[3]	60.855	593.366	589.362	585.613	589.110	R[21]
G[4]	105.061	554.341	550.336	550.588	550.084	G[20]
K[5]	137.084	540.086	536.081	536.333	535.829	K[19]
G[6]	151.340	508.062	504.057	504.309	503.805	G[18]
G[7]	165.595	493.806	489.802	490.054	489.550	G[17]
K[8]	208.121	479.551	475.546	475.798	475.294	K[16]
G[9]	222.377	437.025	433.020	433.272	432.768	G[15]
L[10]	250.648	422.769	418.765	419.017	418.513	L[14]
G[11]	264.903	394.488	390.484	390.746	390.242	G[13]
K[12]	307.430	380.243	376.238	376.490	375.986	K[12]
G[13]	321.685	339.737	335.732	335.984	335.480	G[11]
G[14]	335.940	323.461	319.457	319.708	319.205	G[10]
A[15]	353.700	309.206	305.201	305.453	304.949	A[9]
K[16]	396.226	291.447	287.442	287.694	287.190	K[8]
R[17]	435.251	248.920	244.915	245.167	244.664	R[7]
H[18]	469.516	209.895	205.890	206.142	205.638	H[6]
R[19]	508.541	175.630	171.625	171.877	171.374	R[5]
K[20]	547.573	136.605	132.600	132.852	132.348	K[4]
V[21]	572.340	97.573	93.569	93.821	93.317	V[3]
L[22]	600.611	72.806	68.802	69.053	68.550	L[2]
R[23]	639.636	44.535	40.531	40.782	40.279	R[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPK Acetyl 42.01 K Acetyl 42.01 GSKKAVTKAQKK



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPK ^{Acetyl}42.01 K ^{Acetyl}42.01 GSKKAVTKAQKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.06
- ▶ F113281.dat
- ▶ query=q31213.p1
- ▶ precursor=853.839480
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	115.007	2509.498	2543.479	0.000	2542.473	P[24]
E	2	244.129	2462.445	2446.427	0.000	2445.419	E[23]
P	3	341.182	2333.403	2317.384	0.000	2316.376	P[22]
A	4	413.319	2298.350	2229.331	0.000	2219.323	A[21]
K	5	540.314	2165.313	2149.294	2150.302	2148.288	K[20]
S	6	627.346	2037.218	2021.199	2022.207	2020.191	S[19]
A	7	698.393	1950.186	1934.167	1935.175	1933.159	A[18]
P	8	795.436	1879.149	1863.130	1864.138	1862.122	P[17]
A	9	859.471	1782.096	1766.077	1767.085	1765.069	A[16]
P	10	961.526	1711.059	1695.040	1696.048	1694.032	P[15]
K	11	1133.631	1614.006	1597.987	1598.995	1596.980	K[14]
K	12	1303.757	1443.901	1427.882	1428.890	1426.874	K[13]
G	13	1360.758	1273.795	1257.776	1258.784	1256.768	G[12]
S	14	1447.790	1216.774	1200.755	1201.763	1199.747	S[11]
K	15	1679.888	1120.742	1113.723	1114.731	1112.715	K[10]
K	16	1703.980	1003.647	986.628	986.636	984.620	K[9]
A	17	1775.017	873.552	857.533	858.541	856.525	A[8]
V	18	1874.086	802.515	786.496	787.504	785.488	V[7]
T	19	1975.131	703.446	687.427	688.435	686.420	T[6]
K	20	2103.228	602.389	586.380	587.388	585.372	K[5]
A	21	2174.266	474.303	458.285	459.293	457.277	A[4]
Q	22	2302.324	403.266	387.248	388.255	386.240	Q[3]
K	23	2430.419	275.208	259.190	260.197	258.181	K[2]
K	24	2558.514	147.113	131.094	132.102	130.086	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPK ^{Acetyl}42.01 K ^{Acetyl}42.01 GSKKAVTKAQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.06
- ▶ F113281.dat
- ▶ query=q31213.p1
- ▶ precursor=853.839480
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F[1]	58.047	1280.253	1270.249	0.504	1271.739	P[20]
E[2]	122.508	1231.726	1223.717	0.504	1223.211	E[23]
F[3]	171.095	1167.205	1159.196	0.504	1159.692	F[22]
A[4]	258.013	1118.879	1110.889	0.504	1110.385	A[21]
R[5]	270.693	1083.150	1075.151	1075.655	1074.647	R[20]
S[6]	314.177	1019.113	1011.103	1011.607	1010.599	S[19]
A[7]	349.695	975.597	967.587	968.091	967.083	A[18]
F[8]	398.222	940.079	932.069	932.573	931.565	F[17]
A[9]	433.740	891.552	883.542	884.046	883.038	A[16]
T[10]	482.287	856.033	848.024	848.528	847.520	T[15]
K[11]	507.319	807.507	799.497	800.001	798.993	K[14]
K[12]	652.372	722.454	714.445	714.949	713.941	K[13]
G[13]	680.603	637.401	629.392	629.896	628.888	G[12]
S[14]	724.399	608.890	600.881	601.385	600.377	S[11]
K[15]	768.446	568.374	560.365	560.869	559.861	K[10]
K[16]	852.498	501.327	493.318	493.821	492.813	K[9]
A[17]	888.012	437.279	429.270	429.774	428.766	A[8]
V[18]	937.547	401.761	393.752	394.255	393.247	V[7]
T[19]	988.070	352.227	344.217	344.721	343.713	T[6]
K[20]	1027.118	301.703	293.693	294.197	293.189	K[5]
A[21]	1087.636	237.655	229.646	230.150	229.142	A[4]
Q[22]	1151.666	202.137	194.127	194.631	193.623	Q[3]
K[23]	1215.713	138.108	130.098	130.602	129.594	K[2]
K[24]	1279.701	74.060	66.051	66.555	65.547	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**^{Dimethyl}_{28.03} **VLR**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.19
- ▶ F113281.dat
- ▶ query=q31511_p1
- ▶ precursor=520.509050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2585.518	2582.409	0.000	2581.401	S[23]
G[2]	204.098	2469.475	2453.456	0.000	2452.448	G[22]
R[3]	360.199	2412.453	2396.435	2397.443	2395.427	R[21]
G[4]	417.220	2256.352	2240.334	2241.341	2239.326	G[20]
K[5]	587.326	2169.331	2153.312	2154.320	2152.304	K[19]
G[6]	644.347	2029.225	2013.207	2014.214	2012.199	G[18]
G[7]	701.369	1972.204	1956.185	1957.193	1955.177	G[17]
K[8]	871.474	1915.182	1899.164	1900.172	1898.156	K[16]
G[9]	928.496	1745.077	1729.058	1730.066	1728.050	G[15]
L[10]	1041.580	1688.055	1672.037	1673.045	1671.029	L[14]
G[11]	1098.601	1574.971	1558.953	1559.960	1557.945	G[13]
K[12]	1228.707	1317.956	1301.937	1302.945	1300.929	K[12]
G[13]	1325.728	1247.844	1231.826	1232.833	1230.818	G[11]
G[14]	1382.750	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1453.787	1233.801	1217.783	1218.791	1216.775	A[9]
K[16]	1623.893	1162.764	1146.746	1147.753	1145.738	K[8]
R[17]	1779.994	992.659	976.640	977.648	975.632	R[7]
R[18]	1817.053	836.558	820.539	821.547	819.531	R[6]
R[19]	2073.154	699.499	683.480	684.488	682.472	R[5]
K[20]	2226.280	543.395	527.379	528.387	526.371	K[4]
V[21]	2328.348	387.271	371.253	372.261	370.245	V[3]
L[22]	2441.432	288.203	272.184	273.192	271.176	L[2]
R[23]	2597.534	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **RHRK** Dimethyl
28.03 **VLR**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.19
- ▶ F113281.dat
- ▶ query=q31511.p1
- ▶ precursor=520.509050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	74.062	1299.762	1291.753	0.904	1291.249	S[23]
G[2]	102.563	1235.241	1227.232	0.904	1226.728	G[22]
R[3]	180.603	1206.730	1198.721	1199.225	1198.217	R[21]
G[4]	209.114	1128.680	1120.670	1121.174	1120.167	G[20]
K[5]	294.167	1100.160	1092.150	1092.654	1091.656	K[19]
G[6]	322.677	1025.139	1020.130	1007.611	1006.603	G[18]
G[7]	351.188	986.606	978.596	979.100	978.092	G[17]
K[8]	436.241	958.095	950.085	950.589	949.582	K[16]
G[9]	464.752	873.047	865.033	865.537	864.529	G[15]
L[10]	521.294	844.531	836.522	837.026	836.018	L[14]
G[11]	569.804	787.989	779.980	780.484	779.476	G[13]
R[12]	634.857	759.470	751.460	751.973	750.965	R[12]
G[13]	663.368	674.426	666.416	666.920	665.913	G[11]
G[14]	691.879	645.915	637.905	638.410	637.402	G[10]
A[15]	727.397	617.404	609.395	609.899	608.891	A[9]
K[16]	812.450	581.889	573.876	574.380	573.373	K[8]
R[17]	890.500	496.833	488.824	489.328	488.320	R[7]
R[18]	959.030	418.763	410.773	411.277	410.269	R[6]
R[19]	1037.080	350.253	342.244	342.748	341.740	R[5]
R[20]	1115.144	272.202	264.193	264.697	263.689	R[4]
V[21]	1164.678	194.139	186.130	186.634	185.626	V[3]
L[22]	1221.220	144.605	136.596	137.100	136.092	L[2]
R[23]	1299.270	88.063	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**^{Dimethyl}_{28.03} **VLR**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=61.19
- ▶ F113281.dat
- ▶ query=q31511.p1
- ▶ precursor=520.509050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	896.844	861.504	0.672	861.169	S[23]
G[2]	68.704	823.830	818.490	0.672	818.154	G[22]
E[3]	120.738	804.821	799.483	799.819	799.147	R[21]
G[4]	139.743	732.789	747.449	747.705	747.113	G[20]
K[5]	196.447	733.782	726.442	726.778	726.106	K[19]
G[6]	215.454	677.080	671.740	672.076	671.404	G[18]
G[7]	234.461	658.073	652.733	653.069	652.397	G[17]
K[8]	291.163	639.066	633.726	634.062	633.390	K[16]
G[9]	310.170	582.364	577.024	577.360	576.688	G[15]
L[10]	347.885	563.357	558.017	558.353	557.681	L[14]
G[11]	366.872	525.662	520.322	520.658	519.986	G[13]
K[12]	423.574	506.655	501.315	501.651	500.979	K[12]
G[13]	442.581	449.953	444.613	444.949	444.277	G[11]
G[14]	461.588	430.946	425.607	425.942	425.270	G[10]
A[15]	485.267	411.939	406.599	406.935	406.263	A[9]
K[16]	541.969	388.260	382.920	383.256	382.584	K[8]
R[17]	594.063	331.558	326.218	326.554	325.882	R[7]
H[18]	639.689	279.524	274.185	274.520	273.849	H[6]
R[19]	691.723	233.838	228.498	228.834	228.162	R[5]
K[20]	743.765	181.804	176.465	176.800	176.129	K[4]
V[21]	776.788	129.762	124.422	124.758	124.086	V[9]
L[22]	814.482	96.739	91.400	91.736	91.064	L[8]
R[23]	868.316	39.043	33.703	34.041	33.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLR

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=61.19
- ▶ F113281.dat
- ▶ query=q31511.p1
- ▶ precursor=520.509050
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	650.385	646.380	0.755	646.128	S[23]
G[2]	51.750	618.124	614.120	0.755	613.868	G[22]
R[3]	60.835	603.859	599.864	600.116	599.612	R[21]
G[4]	105.061	564.844	560.839	561.091	560.587	G[20]
K[5]	147.587	519.588	546.584	546.835	546.132	K[19]
G[6]	161.842	508.062	504.057	504.309	503.805	G[18]
G[7]	176.098	493.806	489.802	490.054	489.550	G[17]
K[8]	218.634	479.551	475.546	475.798	475.294	K[16]
G[9]	232.879	437.025	433.020	433.272	432.768	G[15]
L[10]	261.150	422.769	418.765	419.017	418.513	L[14]
G[11]	275.406	394.488	390.484	390.746	390.242	G[13]
K[12]	317.932	380.243	376.238	376.490	375.986	K[12]
G[13]	322.188	339.737	335.732	335.984	335.480	G[11]
G[14]	346.443	323.461	319.457	319.708	319.205	G[10]
A[15]	354.202	309.206	305.201	305.453	304.949	A[9]
K[16]	406.729	291.447	287.442	287.694	287.190	K[8]
R[17]	445.754	248.920	244.915	245.167	244.664	R[7]
H[18]	480.019	209.895	205.890	206.142	205.638	H[6]
R[19]	519.044	175.630	171.625	171.877	171.374	R[5]
K[20]	558.075	136.605	132.600	132.852	132.348	K[4]
V[21]	582.843	97.573	93.569	93.821	93.317	V[3]
L[22]	611.114	72.806	68.802	69.053	68.550	L[2]
R[23]	650.139	44.535	40.531	40.782	40.279	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{42.01} Acetyl GGK_{42.01} Acetyl GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl RHRK_{28.03} Dimethyl VLR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=113.53
- ▶ F113281.dat
- ▶ query=q31516.p1
- ▶ precursor=650.385470
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2585.518	2582.499	0.000	2581.491	S[23]
G[2]	204.098	2469.475	2451.450	0.000	2452.448	G[22]
R[3]	360.199	2412.453	2396.435	2397.443	2395.427	R[21]
G[4]	417.220	2256.352	2240.334	2241.341	2239.326	G[20]
K[5]	587.326	2169.331	2153.312	2154.320	2152.304	K[19]
G[6]	644.347	2029.225	2013.207	2014.214	2012.199	G[18]
G[7]	701.369	1972.204	1956.185	1957.193	1955.177	G[17]
K[8]	871.474	1915.182	1899.164	1900.172	1898.158	K[16]
G[9]	928.496	1745.077	1729.059	1730.066	1728.050	G[15]
L[10]	1041.580	1688.059	1672.037	1673.045	1671.029	L[14]
G[11]	1098.601	1574.971	1558.953	1559.960	1557.945	G[13]
K[12]	1228.707	1517.956	1501.933	1502.939	1500.923	K[12]
G[13]	1325.728	1347.844	1331.820	1332.833	1330.818	G[11]
G[14]	1382.750	1290.823	1274.804	1275.812	1273.796	G[10]
A[15]	1453.787	1233.801	1217.781	1218.791	1216.775	A[9]
K[16]	1623.893	1162.764	1146.740	1147.753	1145.738	K[8]
R[17]	1779.994	992.659	976.640	977.648	975.632	R[7]
R[18]	1817.053	836.558	820.539	821.547	819.531	R[6]
R[19]	2073.154	699.499	683.480	684.488	682.472	R[5]
K[20]	2226.280	543.398	527.379	528.387	526.371	K[4]
V[21]	2328.348	387.271	371.253	372.261	370.245	V[3]
L[22]	2441.432	288.203	272.184	273.192	271.178	L[2]
R[23]	2597.534	175.119	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK** Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=113.53
- ▶ F113281.dat
- ▶ query=q31516_p1
- ▶ precursor=650.385470
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1299.762	1291.753	0.504	1291.240	S(2)
G	2	102.553	1235.241	1227.232	0.504	1226.720	G(2)
R	3	180.603	1206.730	1198.721	1199.225	1198.211	R(2)
G	4	209.114	1128.680	1120.670	1121.174	1120.167	G(2)
K	5	264.167	1100.169	1092.160	1092.664	1091.655	K(2)
G	6	292.677	1035.125	1007.107	1007.611	1006.603	G(2)
G	7	351.138	988.605	978.596	979.100	978.092	G(2)
K	8	436.241	958.095	950.085	950.589	949.582	K(2)
G	9	464.752	873.042	865.033	865.537	864.529	G(2)
L	10	521.204	844.531	836.522	837.026	836.018	L(2)
G	11	569.264	787.989	775.980	780.484	779.476	G(2)
K	12	634.257	759.879	751.869	751.973	750.965	K(2)
G	13	663.368	674.426	666.416	666.920	665.913	G(2)
G	14	691.879	645.915	637.906	638.410	637.402	G(2)
A	15	727.397	617.404	609.395	609.899	608.891	A(2)
K	16	812.450	581.896	573.876	574.380	573.373	K(2)
R	17	898.500	498.833	488.824	489.328	488.321	R(2)
H	18	959.030	418.782	410.773	411.277	410.269	H(2)
R	19	1037.080	350.253	342.244	342.748	341.740	R(2)
K	20	1115.144	272.202	264.193	264.697	263.689	K(2)
V	21	1164.678	194.139	186.130	186.634	185.626	V(2)
L	22	1221.220	144.605	136.596	137.100	136.092	L(2)
R	23	1299.270	98.051	89.042	89.546	79.538	R(2)

sp | P62806 | H4_MOUSE

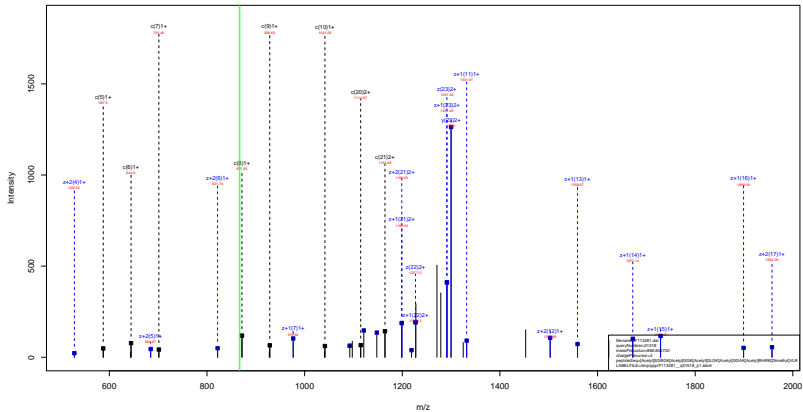
[Acetyl]SGR**GGK** Acetyl 42.01 **GGK** Acetyl 42.01 **GLGK** Acetyl 42.01 **GGAK** Acetyl 42.01 **RHRK** Dimethyl 28.03 **VLR**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=113.53
- ▶ F113281.dat
- ▶ query=q31516.p1
- ▶ precursor=650.385470
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	866.844	861.503	0.672	861.169	S[2]
G[2]	68.704	823.830	818.490	0.672	818.154	G[2]
K[3]	120.738	804.823	799.483	799.819	799.147	K[2]
G[4]	139.745	752.789	747.440	747.785	747.113	G[20]
K[5]	196.447	733.782	728.442	728.778	728.106	K[19]
G[6]	215.454	677.080	671.740	672.076	671.404	G[18]
G[7]	234.461	658.073	652.733	653.069	652.397	G[17]
K[8]	291.163	639.066	633.726	634.062	633.390	K[16]
G[9]	310.170	582.364	577.024	577.360	576.688	G[15]
L[10]	347.885	563.357	558.017	558.353	557.681	L[14]
G[11]	366.872	525.662	520.322	520.658	519.986	G[13]
K[12]	423.574	506.655	501.315	501.651	500.979	K[12]
G[13]	442.581	449.953	444.613	444.949	444.277	G[11]
G[14]	461.588	430.946	425.606	425.942	425.270	G[10]
A[15]	485.267	411.939	406.599	406.935	406.263	A[9]
K[16]	541.969	388.260	382.920	383.256	382.584	K[8]
R[17]	594.003	331.558	326.218	326.554	325.882	R[7]
H[18]	639.689	279.524	274.185	274.520	273.849	H[6]
R[19]	691.723	233.838	228.498	228.834	228.162	R[5]
K[20]	743.785	181.804	176.465	176.800	176.129	K[4]
V[21]	776.788	129.762	124.422	124.758	124.086	V[3]
L[22]	814.482	96.739	91.400	91.736	91.064	L[2]
R[23]	866.516	59.045	53.705	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLR



sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK** ^{Acetyl}_{42.01} **GGK** ^{Acetyl}_{42.01} **GLGK** ^{Acetyl}_{42.01} **GGAK** ^{Acetyl}_{42.01} **RHRK** ^{Dimethyl}_{28.03} **VLR**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.21
- ▶ F113281.dat
- ▶ query=q31518_p1
- ▶ precursor=866.845720
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2598.518	2582.499	0.000	2581.491	S[23]
G[2]	304.098	2469.475	2453.456	0.000	2452.448	G[22]
R[3]	360.199	2412.453	2396.435	2397.443	2395.427	R[21]
G[4]	417.200	2256.352	2240.334	2241.341	2239.326	G[20]
K[5]	587.326	2190.331	2183.312	2184.320	2182.305	K[19]
G[6]	644.347	2029.225	2013.207	2014.214	2012.199	G[18]
G[7]	701.369	1972.204	1956.185	1957.193	1955.177	G[17]
K[8]	871.474	1915.182	1899.164	1900.172	1898.156	K[16]
G[9]	928.496	1745.077	1729.058	1730.066	1728.050	G[15]
L[10]	1041.580	1688.055	1672.037	1673.045	1671.029	L[14]
G[11]	1098.601	1574.071	1558.053	1559.060	1557.045	G[13]
R[12]	1268.707	1317.050	1301.031	1502.039	1500.023	R[12]
G[13]	1325.728	1247.044	1331.026	1332.033	1330.018	G[11]
G[14]	1382.750	1200.023	1274.804	1275.812	1273.796	G[10]
A[15]	1453.787	1233.001	1217.983	1218.791	1216.775	A[0]
K[16]	1523.893	1162.764	1146.746	1147.753	1145.738	K[8]
R[17]	1779.994	992.659	976.640	977.648	976.632	R[7]
T[18]	1817.053	836.598	820.579	821.547	819.531	T[6]
R[19]	2073.154	699.499	683.480	684.488	682.472	R[5]
K[20]	2229.260	543.398	527.379	528.387	526.371	K[4]
V[21]	2328.346	387.271	371.253	372.261	370.245	V[3]
L[22]	2441.432	288.203	272.184	273.192	271.176	L[2]
R[23]	2597.534	175.119	159.100	160.108	158.082	R[1]

sp | P62806 | H4_MOUSE

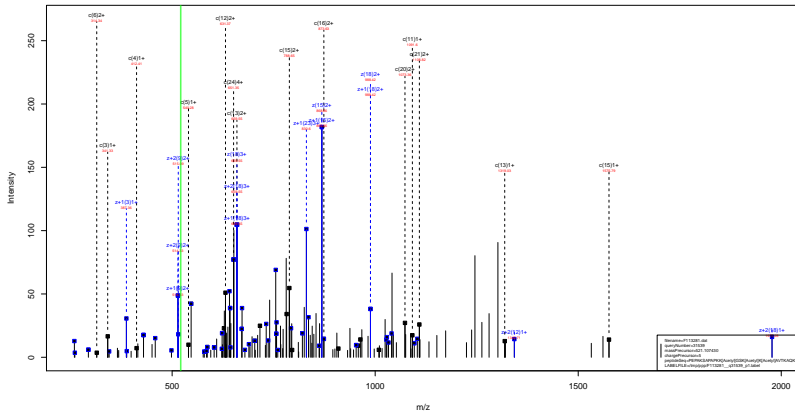
[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**^{Dimethyl}_{28.03} **VLR**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.21
- ▶ F113281.dat
- ▶ query=q31518_p1
- ▶ precursor=866.845720
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	74.042	1299.762	1291.753	0.504	1291.249	S 21
G 2	102.553	1235.241	1227.232	0.504	1226.728	G 22
R 3	180.603	1206.730	1198.721	1199.225	1198.217	R 21
G 4	209.114	1128.680	1120.670	1121.174	1120.167	G 20
K 5	298.167	1100.169	1092.160	1092.664	1091.656	K 19
G 6	322.677	1035.135	1027.127	1027.631	1026.623	G 18
G 7	351.188	988.605	978.595	979.100	978.092	G 17
K 8	436.241	958.095	950.085	950.589	949.582	K 16
G 9	464.752	873.042	865.033	865.537	864.529	G 15
L 10	521.294	844.531	836.522	837.026	836.018	L 14
G 11	569.804	787.999	779.989	780.494	779.487	G 13
K 12	634.857	759.479	751.469	751.973	750.965	K 12
G 13	663.368	674.425	666.416	666.920	665.913	G 11
G 14	691.879	645.915	637.906	638.410	637.402	G 10
A 15	727.397	617.404	609.395	609.899	608.891	A 9
K 16	812.450	581.886	573.876	574.380	573.373	K 8
R 17	880.500	496.833	488.823	489.328	488.321	R 7
H 18	959.030	418.782	410.773	411.277	410.269	H 6
R 19	1037.080	350.253	342.244	342.748	341.740	R 5
K 20	1115.144	272.202	264.193	264.697	263.689	K 4
V 21	1164.678	194.139	186.130	186.634	185.626	V 3
L 22	1221.220	144.605	136.595	137.100	136.092	L 1
R 23	1299.270	88.051	80.044	80.558	79.550	R 1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTKAQKK



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTKAQKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.78
- ▶ F113281.dat
- ▶ query=q31539_p1
- ▶ precursor=521.107430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.097	2601.509	2585.490	0.000	2584.482	P24
E2	244.129	2504.456	2488.437	0.000	2487.429	E23
P3	341.182	2376.411	2359.395	0.000	2358.387	P22
A4	412.219	2278.361	2262.342	0.000	2261.334	A21
K5	540.314	2207.323	2191.305	2192.313	2190.297	K20
S6	627.346	2078.228	2063.210	2064.218	2062.202	S19
A7	698.393	1992.196	1976.178	1977.186	1975.170	A18
P8	795.436	1921.159	1905.141	1906.148	1904.133	P17
A9	866.471	1824.107	1808.088	1809.096	1807.080	A16
P10	963.526	1753.066	1737.051	1738.059	1736.041	P15
K11	1091.621	1656.017	1639.998	1641.006	1638.990	K14
K12	1261.728	1527.922	1511.903	1512.911	1510.895	K13
G13	1318.748	1357.616	1341.797	1342.805	1340.790	G12
S14	1405.780	1300.795	1284.775	1285.784	1283.768	S11
K15	1575.885	1213.763	1197.744	1198.752	1196.736	K10
K16	1749.974	1043.697	1027.638	1028.646	1026.631	K9
A17	1817.028	873.552	857.533	858.541	856.525	A8
V18	1916.096	802.515	786.496	787.504	785.488	V7
T19	2017.144	703.446	687.427	688.435	686.420	T6
K20	2145.239	602.398	586.380	587.388	585.372	K5
A21	2216.278	474.303	455.285	456.293	454.277	A4
Q22	2344.316	403.266	387.248	388.255	386.240	Q3
K23	2472.430	275.208	259.189	260.197	258.181	K2
K24	3000.525	147.113	131.094	132.102	130.088	K1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSK ^{Acetyl}_{42.01} K ^{Acetyl}_{42.01} AVTKAQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.78
- ▶ F113281.dat
- ▶ query=q31539_p1
- ▶ precursor=521.107430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	1301.256	1293.269	0.504	1292.765	P[24]
E[2]	122.568	1252.732	1244.722	0.504	1244.218	E[23]
F[3]	171.095	1188.210	1180.201	0.504	1179.697	F[22]
A[4]	268.613	1129.684	1121.675	0.504	1121.171	A[21]
K[5]	270.561	1104.165	1096.156	1096.660	1095.652	K[20]
S[6]	314.177	1040.118	1032.109	1032.612	1031.605	S[19]
A[7]	349.605	996.602	988.592	989.096	988.089	A[18]
P[8]	398.222	961.083	953.074	953.578	952.570	P[17]
A[9]	433.740	912.567	904.557	905.061	904.054	A[16]
P[10]	492.297	877.038	869.029	869.533	868.525	P[15]
K[11]	546.314	828.512	820.503	821.007	819.999	K[14]
K[12]	631.367	764.484	756.455	756.959	755.951	K[13]
G[13]	659.878	679.412	671.402	671.906	670.898	G[12]
S[14]	703.394	650.901	642.892	643.396	642.388	S[11]
K[15]	788.440	607.385	607.374	607.878	606.872	K[10]
K[16]	873.499	562.332	514.323	514.827	513.821	K[9]
A[17]	909.018	457.276	429.270	429.774	428.766	A[8]
V[18]	958.552	401.761	393.752	394.255	393.248	V[7]
T[19]	1009.076	352.227	344.217	344.721	343.713	T[6]
K[20]	1073.123	301.703	293.693	294.197	293.190	K[5]
A[21]	1108.642	297.655	297.646	297.149	296.142	A[4]
Q[22]	1172.674	302.137	194.127	194.631	193.624	Q[3]
K[23]	1236.718	138.108	130.098	130.602	129.594	K[2]
K[24]	1300.766	74.060	66.051	66.555	65.547	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTKAQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=45.78
- ▶ F113281.dat
- ▶ query=q31539_p1
- ▶ precursor=521.107430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	397.841	893.501	0.672	862.166	P[24]
E[2]	82.048	835.490	830.151	0.672	829.915	E[23]
P[3]	114.399	792.476	787.139	0.672	786.800	P[22]
A[4]	138.078	760.125	754.785	0.672	754.450	A[21]
K[5]	180.776	736.446	731.109	731.442	730.770	K[20]
S[6]	209.767	693.748	688.408	688.744	688.072	S[19]
A[7]	233.466	654.737	659.397	659.733	659.061	A[18]
F[8]	265.817	641.058	635.718	630.054	630.385	F[17]
A[9]	289.896	608.707	603.367	603.703	603.032	A[16]
P[10]	321.947	585.028	579.688	580.024	579.352	P[15]
K[11]	364.545	552.677	547.337	547.673	547.002	K[14]
K[12]	421.247	509.979	504.639	504.975	504.303	K[13]
G[13]	440.254	453.277	447.937	448.273	447.601	G[12]
S[14]	469.265	434.270	428.930	429.266	428.594	S[11]
K[15]	529.967	405.259	399.920	400.255	399.584	K[10]
K[16]	582.668	348.557	343.218	343.554	342.882	K[9]
A[17]	606.348	291.855	286.518	286.852	286.180	A[8]
V[18]	699.370	268.176	262.837	263.173	262.501	V[7]
T[19]	813.053	235.156	229.814	230.150	229.478	T[6]
K[20]	715.751	201.471	196.131	196.467	195.795	K[5]
A[21]	739.430	158.773	153.433	153.769	153.097	A[4]
Q[22]	782.116	135.094	129.754	130.090	129.418	Q[3]
K[23]	824.815	92.407	87.068	87.404	86.732	K[2]
K[24]	867.513	49.709	44.370	44.705	44.034	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTKAQKK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=45.78
- ▶ F113281.dat
- ▶ query=q31539_p1
- ▶ precursor=521.107430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	651.133	647.128	0.755	646.376	P[24]
E[2]	61.788	626.859	622.865	0.755	622.613	E[23]
P[3]	96.051	594.609	590.604	0.755	590.352	P[22]
A[4]	103.810	570.346	566.341	0.755	566.089	A[21]
K[5]	135.834	552.586	548.582	548.834	548.330	K[20]
S[6]	157.592	620.563	516.558	516.810	516.306	S[19]
A[7]	175.351	498.805	494.800	495.052	494.548	A[18]
P[8]	199.614	481.045	477.041	477.293	476.789	P[17]
A[9]	217.274	456.782	452.777	453.029	452.525	A[16]
P[10]	241.037	439.021	435.019	435.270	434.766	P[15]
K[11]	273.561	414.760	410.755	411.007	410.503	K[14]
K[12]	316.187	382.735	378.731	378.983	378.479	K[13]
G[13]	330.442	340.210	336.205	336.457	335.953	G[12]
S[14]	352.200	325.954	321.949	322.201	321.697	S[11]
K[15]	394.727	304.196	300.191	300.443	299.939	K[10]
K[16]	437.253	281.670	257.665	257.917	257.413	K[9]
A[17]	495.012	219.143	215.139	215.391	214.887	A[8]
V[18]	479.780	201.384	197.379	197.631	197.127	V[7]
T[19]	505.041	176.617	172.612	172.864	172.360	T[6]
K[20]	537.065	151.355	147.350	147.602	147.098	K[5]
A[21]	554.824	119.331	115.327	115.579	115.075	A[4]
Q[22]	586.839	101.572	97.567	97.819	97.315	Q[3]
K[23]	618.983	69.957	65.953	66.205	65.701	K[2]
K[24]	650.887	37.534	33.529	33.781	33.277	K[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAITKAQKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.99
- ▶ F113281.dat
- ▶ query=q31911_p1
- ▶ precursor=530.311290
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	115.097	2047.525	2031.507	0.000	2030.499	P[24]
E	2	264.129	2550.473	2534.454	0.000	2533.446	E[23]
F	3	341.182	2621.430	2405.411	0.000	2404.403	F[22]
S	4	428.214	3224.377	3208.359	0.000	3207.351	S[21]
R	5	504.315	3237.345	3221.326	2222.334	3220.319	R[20]
S	6	671.347	2081.344	2065.325	2066.233	2064.215	S[19]
T	7	772.305	1994.212	1978.193	1979.201	1977.186	T[18]
P	8	869.448	1893.154	1877.140	1878.153	1876.138	P[17]
A	9	869.448	1796.112	1780.093	1781.101	1779.085	A[16]
T	10	1037.537	1725.070	1709.050	1710.064	1708.049	T[15]
K	11	1105.632	1628.022	1612.003	1613.011	1610.995	K[14]
K	12	1325.738	1499.927	1483.908	1484.916	1482.900	K[13]
G	13	1392.759	1329.821	1313.803	1314.810	1312.795	G[12]
S	14	1479.791	1272.800	1256.781	1257.789	1255.773	S[11]
K	15	1649.897	1145.765	1129.746	1130.757	1128.741	K[10]
K	16	1777.932	1015.662	995.644	1000.651	998.635	K[9]
A	17	1849.029	887.561	871.549	872.556	870.541	A[8]
I	18	1962.113	816.530	800.511	801.519	799.504	I[7]
T	19	2063.101	703.446	687.427	688.435	686.420	T[6]
K	20	2191.256	602.398	586.380	587.388	585.372	K[5]
A	21	2302.299	474.303	458.285	459.293	457.277	A[4]
Q	22	2390.351	403.266	387.248	388.255	386.240	Q[3]
K	23	2518.446	275.208	258.189	260.197	258.181	K[2]
K	24	2646.541	147.113	131.094	132.102	130.086	K[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAITKAQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.99
- ▶ F113281.dat
- ▶ query=q31911_p1
- ▶ precursor=530.311290
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	1324.066	1316.257	0.504	1315.753	P[24]
E[2]	122.568	1275.740	1267.731	0.504	1267.227	E[23]
F[3]	171.095	1211.219	1203.200	0.504	1202.705	F[22]
S[4]	214.611	1152.692	1144.683	0.504	1144.179	S[21]
R[5]	262.591	1119.170	1111.167	1111.671	1110.663	R[20]
S[6]	336.177	1041.126	1033.116	1033.620	1032.612	S[19]
T[7]	386.701	997.610	989.600	990.104	989.096	T[18]
F[8]	435.227	947.085	939.076	939.580	938.573	F[17]
A[9]	470.746	898.559	890.550	891.054	890.046	A[16]
T[10]	519.272	853.041	855.032	855.535	854.528	T[15]
K[11]	583.320	814.515	806.505	807.009	806.001	K[14]
K[12]	668.373	750.467	742.458	742.962	741.954	K[13]
G[13]	696.883	695.414	657.405	657.909	656.901	G[12]
S[14]	780.399	636.904	628.894	629.398	628.390	S[11]
K[15]	825.452	593.368	585.378	585.882	584.874	K[10]
K[16]	889.969	508.335	500.325	500.829	499.821	K[9]
A[17]	925.018	444.287	436.278	436.782	435.774	A[8]
I[18]	981.560	408.769	400.759	401.263	400.255	I[7]
T[19]	1032.084	352.227	344.217	344.721	343.713	T[6]
K[20]	1096.132	301.703	293.693	294.197	293.190	K[5]
A[21]	1131.650	237.655	229.645	230.150	229.142	A[4]
Q[22]	1185.619	202.137	194.127	194.631	193.623	Q[3]
K[23]	1259.727	136.108	130.098	130.602	129.594	K[2]
K[24]	1323.774	74.060	66.051	66.555	65.547	K[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAITKAQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=45.99
- ▶ F113281.dat
- ▶ query=q31911.p1
- ▶ precursor=530.311290
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	803.190	877.840	0.672	877.504	P[24]
E[2]	82.048	850.829	845.489	0.672	845.154	E[23]
P[3]	114.399	807.615	882.475	0.672	882.139	P[22]
S[4]	143.410	775.464	770.124	0.672	769.788	S[21]
R[5]	195.443	746.453	743.114	741.450	740.778	R[20]
S[6]	224.454	694.420	689.080	689.416	688.744	S[19]
T[7]	258.136	665.409	660.069	660.405	659.733	T[18]
F[8]	290.487	631.726	628.387	626.723	626.051	F[17]
A[9]	314.106	599.375	594.036	594.372	593.700	A[16]
P[10]	348.517	575.696	570.357	570.693	570.021	P[15]
K[11]	389.216	543.345	538.006	538.342	537.670	K[14]
K[12]	445.917	500.647	495.308	495.643	494.972	K[13]
G[13]	464.925	443.945	438.606	438.942	438.270	G[12]
S[14]	493.935	424.938	419.599	419.934	419.263	S[11]
K[15]	550.637	395.927	390.588	390.924	390.252	K[10]
K[16]	593.335	339.226	333.886	334.222	333.550	K[9]
A[17]	617.015	296.527	291.188	291.524	290.852	A[8]
I[18]	654.709	272.848	267.509	267.845	267.173	I[7]
T[19]	688.392	235.156	229.817	230.153	229.481	T[6]
K[20]	731.090	201.471	196.131	196.467	195.795	K[5]
A[21]	754.760	158.773	153.433	153.769	153.097	A[4]
Q[22]	797.455	135.094	129.754	130.090	129.418	Q[3]
K[23]	840.154	92.407	87.068	87.404	86.732	K[2]
K[24]	882.852	49.709	44.370	44.705	44.034	K[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAITKAQKK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=45.99
- ▶ F113281.dat
- ▶ query=q31911.p1
- ▶ precursor=530.311290
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	662.637	668.632	0.755	668.883	P[24]
E[2]	51.788	536.374	634.369	0.755	634.117	E[23]
P[3]	96.051	606.113	602.108	0.755	601.856	P[22]
S[4]	107.809	581.850	577.845	0.755	577.593	S[21]
R[5]	146.834	560.092	556.087	556.339	555.835	R[20]
S[6]	168.592	521.066	517.062	517.314	516.810	S[19]
T[7]	193.854	499.308	495.304	495.556	495.052	T[18]
F[8]	218.117	474.047	470.042	470.294	469.790	F[17]
A[9]	235.277	449.783	445.779	446.031	445.527	A[16]
P[10]	360.140	432.024	428.019	428.271	427.767	P[15]
K[11]	292.154	407.761	403.756	404.008	403.504	K[14]
K[12]	334.690	375.737	371.732	371.984	371.481	K[13]
G[13]	348.945	333.211	329.206	329.458	328.954	G[12]
S[14]	370.703	318.955	314.951	315.203	314.699	S[11]
K[15]	413.230	297.197	293.193	293.445	292.941	K[10]
K[16]	445.253	254.671	250.666	250.918	250.414	K[9]
A[17]	463.013	222.647	218.643	218.895	218.391	A[8]
I[18]	491.284	204.888	200.883	201.135	200.631	I[7]
T[19]	516.546	176.617	172.612	172.864	172.360	T[6]
K[20]	543.569	151.355	147.350	147.602	147.098	K[5]
A[21]	566.129	119.331	115.327	115.579	115.075	A[4]
Q[22]	598.343	101.572	97.567	97.819	97.315	Q[3]
K[23]	630.367	69.957	65.953	66.205	65.701	K[2]
K[24]	662.391	37.534	33.529	33.781	33.277	K[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AITK Acetyl 42.01 AQKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=33.99
- ▶ F113281.dat
- ▶ query=q32440.p1
- ▶ precursor=683.642500
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ^o	b	b'	b ^o	y	y'	y ^o	AA	
E1	90	90	0.000	98	98	0.000	0.000	2713.546	2714.550	2713.536	P124
E2	199.108	0.000	183.000	237.163	0.000	203.000	2524.490	2617.489	2618.483	E121	
E3	199.107	0.000	278.134	324.000	0.000	301.140	2900.490	3000.144	3001.144	P222	
S4	199.103	0.000	355.130	441.107	0.000	393.177	3240.530	3351.373	3350.368	S221	
H5	339.294	107.287	323.000	397.000	558.262	149.171	3121.166	3234.146	3233.306	R220	
S6	339.291	107.287	400.000	608.315	654.321	137.254	3131.151	3248.230	3247.265	S104	
T7	737.373	170.367	705.363	735.368	736.362	737.358	3163.200	3164.210	3165.210	T100	
F8	824.426	807.400	806.413	923.458	926.394	824.413	3197.130	3198.130	3199.131	P107	
A9	895.463	898.457	877.453	923.458	926.453	905.448	3180.133	3181.130	3182.127	A100	
T10	1130.515	1075.500	1065.500	1130.515	1076.500	1065.500	3189.500	3190.500	3191.500	P110	
R11	1130.511	1103.500	1102.500	1140.500	1131.510	1130.500	3172.043	3169.028	3168.032	K124	
K12	1130.511	1107.000	1127.000	1130.511	1101.000	1100.100	3183.940	3168.928	3168.937	K113	
G13	1131.730	1107.711	1106.710	1130.711	1101.000	1100.100	3227.222	3243.042	3242.042	K122	
G14	1131.730	1117.711	1116.710	1130.711	1101.000	1100.100	3449.774	3320.821	3319.820	G111	
K15	1134.870	1107.000	1108.000	1132.000	1113.884	1114.886	3208.748	3263.748	3263.748	K110	
K16	1174.501	1167.000	1156.000	1162.000	1135.500	1164.000	1089.883	1082.857	1081.878	K100	
A17	1188.910	1168.000	1153.000	1161.011	1160.000	1160.000	925.531	924.555	923.569	A100	
T18	1199.100	1182.000	1141.000	1187.000	1170.014	1169.000	858.541	845.514	846.530	I101	
L19	1199.100	1181.100	1162.100	1188.100	1171.110	1170.110	745.457	744.457	727.446	I100	
R20	1199.100	1171.200	1162.200	1188.200	1172.210	1171.210	644.409	627.382	626.386	K100	
A21	1204.200	1164.200	1163.200	1200.200	1211.201	1211.211	475.303	473.303	472.311	A100	
Q22	1202.101	1161.100	1161.100	1200.100	1201.101	1201.101	493.200	493.200	493.200	Q110	
K23	1207.440	1200.433	1210.430	1208.441	1208.434	1207.430	275.308	268.183	268.000	K100	
K24	1208.214	1200.210	1201.210	1214.210	1206.210	1205.210	444.411	439.000	438.000	K110	

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AITK Acetyl 42.01 AQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=33.99
- ▶ F113281.dat
- ▶ query=q32440.p1
- ▶ precursor=683.642500
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ^o	b	b'	b ^o	y	y'	y ^o	AA
P1	38.938	0.938	0.94	49.934	0.934	0.936	138.930	139.929	139.927	P124
E1	130.927	0.928	0.928	139.925	139.925	0.924	330.920	331.919	331.918	E123
P2	148.916	0.916	139.916	209.910	0.914	0.914	432.913	433.912	433.911	P222
S1	192.905	0.904	193.900	269.900	0.904	0.904	534.900	535.900	535.900	S221
H1	270.894	0.897	269.894	329.894	0.894	0.894	636.894	637.894	637.894	H220
S1	314.883	0.885	314.883	389.883	0.885	0.885	738.883	739.883	739.883	S119
T1	364.190	0.883	363.189	439.188	0.884	0.884	840.188	841.188	841.188	T118
P1	412.177	0.881	411.177	489.177	0.881	0.881	942.177	943.177	943.177	P117
A1	448.235	0.880	448.235	539.235	0.881	0.881	1044.235	1045.235	1045.235	A116
T1	496.222	0.880	495.222	589.222	0.881	0.881	1146.222	1147.222	1147.222	T115
R1	544.209	0.880	543.209	639.209	0.881	0.881	1248.209	1249.209	1249.209	R114
K1	592.196	0.880	591.196	689.196	0.881	0.881	1350.196	1351.196	1351.196	K113
K1	640.183	0.880	639.183	739.183	0.881	0.881	1452.183	1453.183	1453.183	K112
S1	688.170	0.880	687.170	789.170	0.881	0.881	1554.170	1555.170	1555.170	S111
K1	736.157	0.880	735.157	839.157	0.881	0.881	1656.157	1657.157	1657.157	K110
K1	784.144	0.880	783.144	889.144	0.881	0.881	1758.144	1759.144	1759.144	K109
A1	832.131	0.880	831.131	939.131	0.881	0.881	1860.131	1861.131	1861.131	A108
T1	880.118	0.880	879.118	989.118	0.881	0.881	1962.118	1963.118	1963.118	T107
T1	928.105	0.880	927.105	1039.105	0.881	0.881	2064.105	2065.105	2065.105	T106
A1	976.092	0.880	975.092	1089.092	0.881	0.881	2166.092	2167.092	2167.092	A105
A1	1024.079	0.880	1023.079	1139.079	0.881	0.881	2268.079	2269.079	2269.079	A104
A1	1072.066	0.880	1071.066	1189.066	0.881	0.881	2370.066	2371.066	2371.066	A103
A1	1120.053	0.880	1119.053	1239.053	0.881	0.881	2472.053	2473.053	2473.053	A102
A1	1168.040	0.880	1167.040	1289.040	0.881	0.881	2574.040	2575.040	2575.040	A101
A1	1216.027	0.880	1215.027	1339.027	0.881	0.881	2676.027	2677.027	2677.027	A100
A1	1264.014	0.880	1263.014	1389.014	0.881	0.881	2778.014	2779.014	2779.014	A100

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AITK ^{Acetyl}42.01 AQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=33.99
- ▶ F113281.dat
- ▶ query=q32440_p1
- ▶ precursor=683.642500
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a·b	b	b*	b·b	y	y*	y·b	AA
P1	24.027	0.672	16.172	33.358	0.672	0.672	981.159	905.511	905.183	P24
T1	87.894	0.683	61.053	76.372	0.672	0.683	871.836	873.161	872.333	L23
P3	90.392	0.672	61.358	108.723	0.672	102.720	835.822	830.146	829.818	P22
S4	120.802	0.669	122.999	137.734	0.672	131.739	803.471	797.795	797.467	S12
R5	130.436	174.703	174.433	189.769	184.052	183.764	776.481	735.205	768.457	R20
S6	209.849	209.811	209.843	239.778	213.309	212.976	722.421	716.751	716.423	S19
T7	243.129	237.454	237.126	262.461	246.785	246.431	693.431	687.142	687.412	T18
P8	275.480	269.809	269.477	284.812	279.136	278.809	659.733	654.058	653.730	P17
A9	299.126	295.854	295.152	308.491	292.615	292.487	627.382	621.707	621.379	A16
P10	331.810	328.406	328.269	346.842	338.366	338.438	602.703	598.028	599.700	P15
R11	374.208	368.533	368.205	383.540	377.865	377.537	571.352	565.677	565.349	R14
K12	430.919	425.235	424.907	440.242	434.566	434.238	538.654	522.919	522.951	K13
G13	449.917	444.232	443.914	451.249	453.574	453.246	471.952	466.277	465.949	G12
S14	478.928	473.243	472.925	480.265	474.589	474.261	452.456	447.270	446.952	S11
R15	535.630	529.944	529.626	544.963	539.286	538.958	423.933	418.259	417.931	R10
K16	592.332	586.658	586.330	593.473	595.988	595.660	397.233	381.553	381.225	K11
A17	616.111	610.426	610.100	625.243	619.667	619.339	380.231	364.551	364.223	A11
T18	653.706	648.021	647.722	663.037	657.461	657.134	289.252	281.175	280.848	T11
T19	697.588	691.913	691.305	699.725	693.944	693.119	249.121	243.482	243.154	T11
K20	748.990	743.304	742.977	753.422	747.640	747.418	215.475	209.799	209.472	K15
R21	787.760	782.084	781.765	787.901	771.825	771.603	189.773	183.289	182.962	R11
Q22	816.958	811.272	810.945	819.787	814.111	813.783	129.559	129.415	129.270	Q18
K23	851.154	845.469	845.142	862.485	856.810	856.482	92.401	86.732	86.402	K12
K24	895.852	890.166	889.840	905.183	899.508	899.180	49.759	44.034	43.702	K11

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AITK ^{Acetyl}42.01 AQKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.00
- ▶ F113281.dat
- ▶ query=q32441_p1
- ▶ precursor=683.642500
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	115.097	2731.546	2715.528	0.000	2714.520	P[24]
E	2	244.129	2634.494	2618.475	0.000	2617.467	E[23]
P	3	341.182	2596.451	2489.432	0.000	2488.425	P[22]
S	4	438.214	2608.398	2395.380	0.000	2394.371	S[21]
R	5	584.315	2321.365	2305.348	2306.355	2304.340	R[20]
S	6	671.347	2165.265	2149.247	2150.254	2148.239	S[19]
T	7	772.395	2078.233	2062.214	2063.222	2061.207	T[18]
P	8	869.448	1977.189	1961.167	1962.175	1960.159	P[17]
A	9	967.500	1880.133	1864.114	1865.122	1863.106	A[16]
P	10	1037.537	1809.096	1793.077	1794.085	1792.069	P[15]
K	11	1165.632	1712.043	1696.024	1697.032	1695.016	K[14]
K	12	1335.738	1583.948	1567.929	1568.937	1566.921	K[13]
G	13	1502.759	1413.842	1397.824	1398.831	1396.816	G[12]
S	14	1479.791	1356.821	1340.802	1341.810	1339.794	S[11]
K	15	1649.897	1288.789	1253.770	1254.778	1252.762	K[10]
K	16	1839.002	1209.683	1183.665	1184.672	1182.657	K[9]
A	17	1891.040	929.575	913.558	914.567	912.551	A[8]
I	18	2004.124	858.541	842.520	843.530	841.514	I[7]
T	19	2105.171	745.457	729.438	730.446	728.430	T[6]
K	20	2275.277	644.409	628.390	629.398	627.382	K[5]
A	21	2346.314	474.303	458.285	459.293	457.277	A[4]
Q	22	2474.373	403.266	387.248	388.256	386.240	Q[3]
K	23	2602.468	275.208	259.189	260.197	258.181	K[2]
K	24	2730.562	147.113	131.094	132.102	130.086	K[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AITK ^{Acetyl}42.01 AQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.00
- ▶ F113281.dat
- ▶ query=q32441_p1
- ▶ precursor=683.642500
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	1306.277	1358.208	0.504	1357.704	P[24]
E[2]	122.568	1317.751	1309.741	0.504	1309.237	E[23]
F[3]	171.095	1253.229	1245.220	0.504	1244.716	F[22]
S[4]	214.611	1204.781	1196.869	0.504	1196.365	S[21]
R[5]	292.591	1181.187	1153.177	1153.681	1152.676	R[20]
S[6]	336.177	1081.138	1075.127	1075.631	1074.623	S[19]
T[7]	386.701	1039.620	1031.611	1032.115	1031.107	T[18]
P[8]	435.227	989.090	981.087	981.591	980.583	P[17]
A[9]	470.746	946.570	932.561	933.065	932.057	A[16]
T[10]	519.272	905.051	897.042	897.546	896.538	T[15]
K[11]	581.320	855.525	848.516	849.020	848.012	K[14]
K[12]	608.373	792.478	784.468	784.972	783.964	K[13]
G[13]	606.883	707.425	699.415	699.919	698.912	G[12]
S[14]	740.399	678.014	670.905	671.409	670.401	S[11]
K[15]	825.452	635.365	627.359	627.863	626.855	K[10]
K[16]	910.905	590.350	582.349	582.853	581.845	K[9]
A[17]	946.023	465.293	457.283	457.787	456.779	A[8]
I[18]	1002.565	429.774	421.765	422.269	421.261	I[7]
T[19]	1053.089	373.232	365.223	365.727	364.719	T[6]
K[20]	1138.142	322.705	314.696	315.203	314.195	K[5]
A[21]	1173.561	277.655	269.646	270.150	269.142	A[4]
Q[22]	1237.690	202.137	194.127	194.631	193.623	Q[3]
K[23]	1301.737	138.108	130.098	130.602	129.594	K[2]
K[24]	1305.785	74.060	66.051	66.555	65.547	K[1]

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRSTPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AITK ^{Acetyl}42.01 AQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.00
- ▶ F113281.dat
- ▶ query=q32441_p1
- ▶ precursor=683.642500
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	89.034	911.187	905.847	0.672	905.511	P[24]
E[2]	82.048	878.836	873.497	0.672	873.161	E[23]
P[3]	114.999	935.822	830.482	0.672	830.146	P[22]
S[4]	143.410	803.471	799.131	0.672	797.795	S[21]
R[5]	195.443	774.460	769.121	769.457	768.785	R[20]
S[6]	224.454	722.427	717.067	717.423	716.751	S[19]
T[7]	258.136	693.416	688.076	688.412	687.740	T[18]
F[8]	290.487	659.733	654.394	654.730	654.058	F[17]
A[9]	314.566	627.382	622.043	622.379	621.707	A[16]
P[10]	346.517	603.701	598.364	598.700	598.028	P[15]
K[11]	389.216	571.352	566.013	566.349	565.677	K[14]
K[12]	445.917	528.054	523.315	523.651	522.979	K[13]
G[13]	464.925	471.952	466.613	466.949	466.277	G[12]
S[14]	493.935	452.940	447.606	447.942	447.270	S[11]
K[15]	550.637	423.934	418.595	418.931	418.259	K[10]
K[16]	607.339	367.233	361.893	362.229	361.557	K[9]
A[17]	631.018	310.531	305.191	305.527	304.855	A[8]
T[18]	668.713	286.852	281.512	281.848	281.176	T[7]
T[19]	702.395	249.157	243.817	244.153	243.482	T[6]
K[20]	759.097	215.475	210.135	210.471	209.799	K[5]
A[21]	782.776	158.773	153.433	153.769	153.097	A[4]
Q[22]	825.462	135.096	129.754	130.090	129.418	Q[3]
K[23]	868.161	92.407	87.068	87.404	86.732	K[2]
K[24]	910.859	48.700	44.370	44.705	44.034	K[1]

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHK ^{Dimethyl} _{28.03} SLIGKKGQQKTA

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=34.50
- ▶ F113281.dat
- ▶ query=q34426.p1
- ▶ precursor=799.473050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a.D	b	b*	b.D	y	y*	y.D	AA
D1	115	1071	0.000	157	1491	0.000	38	302	0.000	D121
S1	116	1072	0.000	158	1492	0.000	39	303	0.000	S130
L1	117	1073	0.000	159	1493	0.000	40	304	0.000	L139
F1	118	1074	0.000	160	1494	0.000	41	305	0.000	F148
K1	119	1075	0.000	161	1495	0.000	42	306	0.000	K157
A1	120	1076	0.000	162	1496	0.000	43	307	0.000	A166
T1	121	1077	0.000	163	1497	0.000	44	308	0.000	T175
I1	122	1078	0.000	164	1498	0.000	45	309	0.000	I184
V1	123	1079	0.000	165	1499	0.000	46	310	0.000	V193
M1	124	1080	0.000	166	1500	0.000	47	311	0.000	M202
C1	125	1081	0.000	167	1501	0.000	48	312	0.000	C211
G1	126	1082	0.000	168	1502	0.000	49	313	0.000	G220
E1	127	1083	0.000	169	1503	0.000	50	314	0.000	E229
Q1	128	1084	0.000	170	1504	0.000	51	315	0.000	Q238
N1	129	1085	0.000	171	1505	0.000	52	316	0.000	N247
D2	130	1086	0.000	172	1506	0.000	53	317	0.000	D256
S2	131	1087	0.000	173	1507	0.000	54	318	0.000	S265
L2	132	1088	0.000	174	1508	0.000	55	319	0.000	L274
F2	133	1089	0.000	175	1509	0.000	56	320	0.000	F283
K2	134	1090	0.000	176	1510	0.000	57	321	0.000	K292
A2	135	1091	0.000	177	1511	0.000	58	322	0.000	A301
T2	136	1092	0.000	178	1512	0.000	59	323	0.000	T310
I2	137	1093	0.000	179	1513	0.000	60	324	0.000	I319
V2	138	1094	0.000	180	1514	0.000	61	325	0.000	V328
M2	139	1095	0.000	181	1515	0.000	62	326	0.000	M337
C2	140	1096	0.000	182	1516	0.000	63	327	0.000	C346
G2	141	1097	0.000	183	1517	0.000	64	328	0.000	G355
E2	142	1098	0.000	184	1518	0.000	65	329	0.000	E364
Q2	143	1099	0.000	185	1519	0.000	66	330	0.000	Q373
N2	144	1100	0.000	186	1520	0.000	67	331	0.000	N382
D3	145	1101	0.000	187	1521	0.000	68	332	0.000	D391
S3	146	1102	0.000	188	1522	0.000	69	333	0.000	S400
L3	147	1103	0.000	189	1523	0.000	70	334	0.000	L409
F3	148	1104	0.000	190	1524	0.000	71	335	0.000	F418
K3	149	1105	0.000	191	1525	0.000	72	336	0.000	K427
A3	150	1106	0.000	192	1526	0.000	73	337	0.000	A436
T3	151	1107	0.000	193	1527	0.000	74	338	0.000	T445
I3	152	1108	0.000	194	1528	0.000	75	339	0.000	I454
V3	153	1109	0.000	195	1529	0.000	76	340	0.000	V463
M3	154	1110	0.000	196	1530	0.000	77	341	0.000	M472
C3	155	1111	0.000	197	1531	0.000	78	342	0.000	C481
G3	156	1112	0.000	198	1532	0.000	79	343	0.000	G490
E3	157	1113	0.000	199	1533	0.000	80	344	0.000	E500
Q3	158	1114	0.000	200	1534	0.000	81	345	0.000	Q509
N3	159	1115	0.000	201	1535	0.000	82	346	0.000	N518
D4	160	1116	0.000	202	1536	0.000	83	347	0.000	D527
S4	161	1117	0.000	203	1537	0.000	84	348	0.000	S536
L4	162	1118	0.000	204	1538	0.000	85	349	0.000	L545
F4	163	1119	0.000	205	1539	0.000	86	350	0.000	F554
K4	164	1120	0.000	206	1540	0.000	87	351	0.000	K563
A4	165	1121	0.000	207	1541	0.000	88	352	0.000	A572
T4	166	1122	0.000	208	1542	0.000	89	353	0.000	T581
I4	167	1123	0.000	209	1543	0.000	90	354	0.000	I590
V4	168	1124	0.000	210	1544	0.000	91	355	0.000	V600
M4	169	1125	0.000	211	1545	0.000	92	356	0.000	M609
C4	170	1126	0.000	212	1546	0.000	93	357	0.000	C618
G4	171	1127	0.000	213	1547	0.000	94	358	0.000	G627
E4	172	1128	0.000	214	1548	0.000	95	359	0.000	E636
Q4	173	1129	0.000	215	1549	0.000	96	360	0.000	Q645
N4	174	1130	0.000	216	1550	0.000	97	361	0.000	N654
D5	175	1131	0.000	217	1551	0.000	98	362	0.000	D663
S5	176	1132	0.000	218	1552	0.000	99	363	0.000	S672
L5	177	1133	0.000	219	1553	0.000	100	364	0.000	L681
F5	178	1134	0.000	220	1554	0.000	101	365	0.000	F690
K5	179	1135	0.000	221	1555	0.000	102	366	0.000	K700
A5	180	1136	0.000	222	1556	0.000	103	367	0.000	A709
T5	181	1137	0.000	223	1557	0.000	104	368	0.000	T718
I5	182	1138	0.000	224	1558	0.000	105	369	0.000	I727
V5	183	1139	0.000	225	1559	0.000	106	370	0.000	V736
M5	184	1140	0.000	226	1560	0.000	107	371	0.000	M745
C5	185	1141	0.000	227	1561	0.000	108	372	0.000	C754
G5	186	1142	0.000	228	1562	0.000	109	373	0.000	G763
E5	187	1143	0.000	229	1563	0.000	110	374	0.000	E772
Q5	188	1144	0.000	230	1564	0.000	111	375	0.000	Q781
N5	189	1145	0.000	231	1565	0.000	112	376	0.000	N790
D6	190	1146	0.000	232	1566	0.000	113	377	0.000	D800
S6	191	1147	0.000	233	1567	0.000	114	378	0.000	S809
L6	192	1148	0.000	234	1568	0.000	115	379	0.000	L818
F6	193	1149	0.000	235	1569	0.000	116	380	0.000	F827
K6	194	1150	0.000	236	1570	0.000	117	381	0.000	K836
A6	195	1151	0.000	237	1571	0.000	118	382	0.000	A845
T6	196	1152	0.000	238	1572	0.000	119	383	0.000	T854
I6	197	1153	0.000	239	1573	0.000	120	384	0.000	I863
V6	198	1154	0.000	240	1574	0.000	121	385	0.000	V872
M6	199	1155	0.000	241	1575	0.000	122	386	0.000	M881
C6	200	1156	0.000	242	1576	0.000	123	387	0.000	C890
G6	201	1157	0.000	243	1577	0.000	124	388	0.000	G899
E6	202	1158	0.000	244	1578	0.000	125	389	0.000	E908
Q6	203	1159	0.000	245	1579	0.000	126	390	0.000	Q917
N6	204	1160	0.000	246	1580	0.000	127	391	0.000	N926
D7	205	1161	0.000	247	1581	0.000	128	392	0.000	D935
S7	206	1162	0.000	248	1582	0.000	129	393	0.000	S944
L7	207	1163	0.000	249	1583	0.000	130	394	0.000	L953
F7	208	1164	0.000	250	1584	0.000	131	395	0.000	F962
K7	209	1165	0.000	251	1585	0.000	132	396	0.000	K971
A7	210	1166	0.000	252	1586	0.000	133	397	0.000	A980
T7	211	1167	0.000	253	1587	0.000	134	398	0.000	T989
I7	212	1168	0.000	254	1588	0.000	135	399	0.000	I998
V7	213	1169	0.000	255	1589	0.000	136	400	0.000	V1007
M7	214	1170	0.000	256	1590	0.000	137	401	0.000	M1016
C7	215	1171	0.000	257	1591	0.000	138	402	0.000	C1025
G7	216	1172	0.000	258	1592	0.000	139	403	0.000	G1034
E7	217	1173	0.000	259	1593	0.000	140	404	0.000	E1043
Q7	218	1174	0.000	260	1594	0.000	141	405	0.000	Q1052
N7	219	1175	0.000	261	1595	0.000	142	406	0.000	N1061
D8	220	1176	0.000	262	1596	0.000	143	407	0.000	D1070
S8	221	1177	0.000	263	1597	0.000	144	408	0.000	S1079
L8	222	1178	0.000	264	1598	0.000	145	409	0.000	L1088
F8	223	1179	0.000	265	1599	0.000	146	410	0.000	F1097
K8	224	1180	0.000	266	1600	0.000	147	411	0.000	K1106
A8	225	1181	0.000	267	1601	0.000	148	412	0.000	A1115
T8	226	1182	0.000	268	1602	0.000	149	413	0.000	T1124
I8	227	1183	0.000	269	1603	0.000	150	414	0.000	I1133
V8	228	1184	0.000	270	1604	0.000	151	415	0.000	V1142
M8	229	1185	0.000	271	1605	0.000	152	416	0.000	M1151
C8	230	1186	0.000	272	1606	0.000	153	417	0.000	C1160
G8	231	1187	0.000	273	1607	0.000	154	418	0.000	G1169
E8	232	1188	0.000	274	1608	0.000	155	419	0.000	E1178
Q8	233	1189	0.000	275	1609	0.000	156	420	0.000	Q1187
N8	234	1190	0.000	276	1610	0.000	157	421	0.000	N1196
D9	235	1191	0.000	277	1611	0.000	158	422	0.000	D1205
S9	236	1192								

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHK^{Dimethyl}_{28.03} SLIGKKGQQKTA

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=34.50
- ▶ F113281.dat
- ▶ query=q34426.p1
- ▶ precursor=799.473050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a+b	b	b'	b+c	c	c'	c+d	AA	
D1	44	523	569	55	521	558	52	558	49	519	D10
S1	88	103	191	102	103	191	104	103	191	104	S10
L1	132	148	280	147	148	280	149	148	280	149	L10
K1	176	193	369	192	193	369	194	193	369	194	K10
A1	220	237	456	236	237	456	238	237	456	238	A10
T1	264	281	545	280	281	545	282	281	545	282	T10
M1	308	325	633	324	325	633	326	325	633	326	M10
I1	352	369	721	368	369	721	370	369	721	370	I10
V1	396	413	809	412	413	809	414	413	809	414	V10
Q1	440	457	897	456	457	897	458	457	897	458	Q10
N1	484	501	985	500	501	985	502	501	985	502	N10
C1	528	545	1073	544	545	1073	546	545	1073	546	C10
G1	572	589	1161	588	589	1161	590	589	1161	590	G10
E1	616	633	1249	632	633	1249	634	633	1249	634	E10
D1	660	677	1337	676	677	1337	678	677	1337	678	D10
S1	704	721	1425	720	721	1425	722	721	1425	722	S10
L1	748	765	1513	764	765	1513	766	765	1513	766	L10
K1	792	809	1601	808	809	1601	810	809	1601	810	K10
A1	836	853	1689	852	853	1689	854	853	1689	854	A10
T1	880	897	1777	896	897	1777	898	897	1777	898	T10
M1	924	941	1865	940	941	1865	942	941	1865	942	M10
I1	968	985	1953	984	985	1953	986	985	1953	986	I10
V1	1012	1029	2041	1030	1029	2041	1032	1029	2041	1032	V10
Q1	1056	1073	2129	1072	1073	2129	1074	1073	2129	1074	Q10
N1	1100	1117	2217	1116	1117	2217	1118	1117	2217	1118	N10
C1	1144	1161	2305	1160	1161	2305	1162	1161	2305	1162	C10
G1	1188	1205	2393	1204	1205	2393	1206	1205	2393	1206	G10
E1	1232	1249	2481	1248	1249	2481	1250	1249	2481	1250	E10
D1	1276	1293	2569	1292	1293	2569	1294	1293	2569	1294	D10
S1	1320	1337	2657	1336	1337	2657	1338	1337	2657	1338	S10
L1	1364	1381	2745	1380	1381	2745	1382	1381	2745	1382	L10
K1	1408	1425	2833	1424	1425	2833	1426	1425	2833	1426	K10
A1	1452	1469	2921	1468	1469	2921	1470	1469	2921	1470	A10
T1	1496	1513	3009	1512	1513	3009	1514	1513	3009	1514	T10
M1	1540	1557	3097	1556	1557	3097	1558	1557	3097	1558	M10
I1	1584	1601	3185	1600	1601	3185	1602	1601	3185	1602	I10
V1	1628	1645	3273	1644	1645	3273	1646	1645	3273	1646	V10
Q1	1672	1689	3361	1688	1689	3361	1690	1689	3361	1690	Q10
N1	1716	1733	3449	1732	1733	3449	1734	1733	3449	1734	N10
C1	1760	1777	3537	1776	1777	3537	1778	1777	3537	1778	C10
G1	1804	1821	3625	1820	1821	3625	1822	1821	3625	1822	G10
E1	1848	1865	3713	1864	1865	3713	1866	1865	3713	1866	E10
D1	1892	1909	3801	1908	1909	3801	1910	1909	3801	1910	D10
S1	1936	1953	3889	1952	1953	3889	1954	1953	3889	1954	S10
L1	1980	1997	3977	1996	1997	3977	1998	1997	3977	1998	L10
K1	2024	2041	4065	2040	2041	4065	2042	2041	4065	2042	K10
A1	2068	2085	4153	2084	2085	4153	2086	2085	4153	2086	A10
T1	2112	2129	4241	2128	2129	4241	2130	2129	4241	2130	T10
M1	2156	2173	4329	2172	2173	4329	2174	2173	4329	2174	M10
I1	2200	2217	4417	2216	2217	4417	2218	2217	4417	2218	I10
V1	2244	2261	4505	2260	2261	4505	2262	2261	4505	2262	V10
Q1	2288	2305	4593	2304	2305	4593	2306	2305	4593	2306	Q10
N1	2332	2349	4681	2348	2349	4681	2350	2349	4681	2350	N10
C1	2376	2393	4769	2392	2393	4769	2394	2393	4769	2394	C10
G1	2420	2437	4857	2436	2437	4857	2438	2437	4857	2438	G10
E1	2464	2481	4945	2480	2481	4945	2482	2481	4945	2482	E10
D1	2508	2525	5033	2524	2525	5033	2526	2525	5033	2526	D10
S1	2552	2569	5121	2568	2569	5121	2570	2569	5121	2570	S10
L1	2596	2613	5209	2612	2613	5209	2614	2613	5209	2614	L10
K1	2640	2657	5297	2656	2657	5297	2658	2657	5297	2658	K10
A1	2684	2701	5385	2700	2701	5385	2702	2701	5385	2702	A10
T1	2728	2739	5473	2738	2739	5473	2740	2739	5473	2740	T10
M1	2772	2783	5561	2782	2783	5561	2784	2783	5561	2784	M10
I1	2816	2827	5649	2826	2827	5649	2828	2827	5649	2828	I10
V1	2860	2871	5737	2870	2871	5737	2872	2871	5737	2872	V10
Q1	2904	2915	5825	2914	2915	5825	2916	2915	5825	2916	Q10
N1	2948	2959	5913	2958	2959	5913	2960	2959	5913	2960	N10
C1	2992	3003	6001	3002	3003	6001	3004	3003	6001	3004	C10
G1	3036	3047	6089	3046	3047	6089	3048	3047	6089	3048	G10
E1	3080	3091	6177	3090	3091	6177	3092	3091	6177	3092	E10
D1	3124	3135	6265	3134	3135	6265	3136	3135	6265	3136	D10
S1	3168	3179	6353	3178	3179	6353	3180	3179	6353	3180	S10
L1	3212	3223	6441	3222	3223	6441	3224	3223	6441	3224	L10
K1	3256	3267	6529	3266	3267	6529	3268	3267	6529	3268	K10
A1	3300	3311	6617	3310	3311	6617	3312	3311	6617	3312	A10
T1	3344	3355	6705	3354	3355	6705	3356	3355	6705	3356	T10
M1	3388	3399	6793	3398	3399	6793	3400	3399	6793	3400	M10
I1	3432	3443	6881	3442	3443	6881	3444	3443	6881	3444	I10
V1	3476	3487	6969	3486	3487	6969	3488	3487	6969	3488	V10
Q1	3520	3531	7057	3530	3531	7057	3532	3531	7057	3532	Q10
N1	3564	3575	7145	3574	3575	7145	3576	3575	7145	3576	N10
C1	3608	3619	7233	3618	3619	7233	3620	3619	7233	3620	C10
G1	3652	3663	7321	3662	3663	7321	3664	3663	7321	3664	G10
E1	3696	3707	7409	3706	3707	7409	3708	3707	7409	3708	E10
D1	3740	3751	7497	3750	3751	7497	3752	3751	7497	3752	D10
S1	3784	3795	7585	3794	3795	7585	3796	3795	7585	3796	S10
L1	3828	3839	7673	3838	3839	7673	3840	3839	7673	3840	L10
K1	3872	3883	7761	3882	3883	7761	3884	3883	7761	3884	K10
A1	3916	3927	7849	3926	3927	7849	3928	3927	7849	3928	A10
T1	3960	3971	7937	3970	3971	7937	3972	3971	7937	3972	T10
M1	4004	4015	8025	4014	4015	8025	4016	4015	8025	4016	M10
I1	4048	4059	8113	4058	4059	8113	4060	4059	8113	4060	I10
V1	4092	4103	8201	4102	4103	8201	4104	4103	8201	4104	V10
Q1	4136	4147	8289	4146	4147	8289	4148	4147	8289	4148	Q10
N1	4180	4191	8377	4190	4191	8377	4192	4191	8377	4192	N10
C1	4224	4235	8465	4234	4235	8465	4236	4235	8465	4236	C10
G1	4268	4279	8553	4278	4279	8553	4280	4279	8553	4280	G10
E1	4312	4323	8641	4322	4323	8641	4324	4323	8641	4324	E10
D1	4356	4367	8729	4366	4367	8729	4368	4367	8729	4368	D10
S1	4400	4411	8817	4410	4411	8817	4412	4411	8817	4412	S10
L1	4444	4455	8905	4454	4455	8905	4456	4455	8905	4456	L10
K1	4488	4499	8993	4498	4499	8993	4500	4499	8993	4500	K10
A1	4532	4543	9081	4542	4543	9081	4544	4543	9081	4544	A10
T1	4576	4587	9169	4586	4587	9169	4588	4587	9169	4588	T10
M1	4620	4631	9257	4630	4631	9257	4632	4631	9257	4632	M10
I1	4664	4675	9345	4674	4675	9345	4676	4675	9345	4676	I10
V1	4708	4719	9433	4718	4719	9433	4720	4719	9433	4720	V10
Q1	4752	4763	9521	4762	4763	9521	4764	4763	9521	4764	Q10
N1	4796	4807	9609	4806	4807	9609	4808	4807	9609	4808	N10
C1	4840	4851	9697	4850	4851	9697	4852	4851	9697	4852	C10
G1	4884	4895	9785	4894	4895	9785	4896	4895	9785	4896	G10
E1	4928	4939	9873	4938	4939	9873	4940	4939	9873	4940	E10
D1	4972	4983	9961	4982	4983	9961					

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHK^{Dimethyl} SLIGKKGQQKTA^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=34.50
- ▶ F113281.dat
- ▶ query=q34426.p1
- ▶ precursor=799.473050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA		
D(1)	31	0.010	0.012	128.014	108.010	0.012	111.050	1.000	1.000	1059.026	D(31)	
S(2)	50	0.049	0.052	143.025	148.060	0.012	164.107	1.021	1.021	1011.012	S(50)	
L(3)	98	0.244	0.012	169.229	169.025	0.014	133.018	978.276	1.002	1.001	1066.018	L(98)
I(4)	134	0.418	0.012	138.414	143.050	0.012	157.786	980.000	1.004	1.004	1054.016	I(134)
K(5)	177	1.110	171.481	171.111	136.460	180.772	130.484	922.887	917.211	916.983	K(177)	
A(6)	200	0.019	184.128	184.782	228.227	184.010	184.118	881.189	874.513	874.165	A(200)	
T(7)	234	0.019	229.032	228.474	143.010	238.134	237.036	856.510	850.834	850.506	T(234)	
I(8)	272	0.171	268.467	268.160	181.504	276.020	275.011	822.827	817.124	816.874	I(272)	
A(9)	290	0.052	289.118	289.063	305.113	290.048	290.108	785.132	779.457	779.129	A(290)	
G(10)	314	0.008	309.013	308.003	324.102	314.015	313.017	761.453	755.778	755.450	G(314)	
G(11)	331	0.066	330.109	327.082	343.108	337.022	337.104	742.446	736.771	736.041	G(331)	
G(12)	352	0.173	347.138	346.071	362.205	356.029	356.211	723.439	717.764	717.436	G(352)	
V(13)	388	0.068	380.215	379.001	398.218	389.012	389.214	704.431	698.756	698.028	V(388)	
I(14)	423	0.041	411.015	411.507	433.023	427.047	426.019	671.409	665.735	665.008	I(423)	
P(15)	450	0.042	450.201	449.034	469.071	460.008	459.201	611.714	618.039	627.711	P(450)	
R(16)	501	0.240	495.052	495.024	511.054	505.047	504.019	601.363	595.689	595.360	R(501)	
H(17)	538	0.113	533.047	533.010	549.044	542.979	542.851	537.001	550.002	544.014	H(538)	
R(18)	585	0.039	579.013	579.005	595.040	589.006	589.017	577.000	572.007	571.018	R(585)	
K(19)	617	0.121	611.078	611.067	646.111	640.767	640.379	632.206	626.622	626.213	K(617)	
S(20)	646.062	646.386	646.000	646.000	681.118	675.010	675.010	621.204	614.518	614.263	S(646)	
L(21)	703.756	699.011	697.251	713.088	707.412	717.014	717.014	591.243	585.568	585.244	L(703)	
I(22)	741.401	735.171	736.444	750.101	745.167	744.779	733.548	747.011	741.045	740.100	I(741)	
G(23)	780.458	774.163	774.455	788.700	784.114	803.108	815.854	810.119	803.011	802.011	G(780)	
K(24)	803.176	797.461	797.501	813.466	808.013	828.005	823.009	793.114	786.018	785.018	K(803)	
R(25)	845.855	840.119	839.051	855.108	849.011	869.013	854.107	848.471	842.145	841.017	R(845)	
G(26)	864.862	859.000	859.000	874.194	868.518	868.190	861.000	855.115	849.047	848.010	G(864)	
G(27)	917.548	911.873	911.545	916.880	911.204	931.010	927.010	918.763	912.000	911.000	G(917)	
G(28)	950.214	944.518	944.518	959.000	953.000	963.002	149.711	144.001	144.153	143.011	G(950)	
K(29)	992.813	987.257	988.929	1002.204	996.000	996.201	1017.011	1011.000	1011.000	K(992)		
L(30)	1026.615	1020.000	1020.012	1035.047	1030.071	1039.011	1044.072	1037.012	1036.300	1035.011	L(1026)	
A(31)	1059.264	1054.013	1054.261	1069.000	1063.000	1073.010	1078.000	1073.011	1072.011	1071.011	A(1059)	

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLIGKKGQQK ^{Dimethyl}TA
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.98
- ▶ F113281.dat
- ▶ query=q34438_p1
- ▶ precursor=639.781470
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA	
D	1	133.061	1194.874	3176.855	0.000	3177.847	K(31)
S	3	333.093	3179.849	3943.829	0.000	3943.829	S(30)
L	3	333.177	2992.835	2976.790	0.000	2975.782	L(29)
I	4	446.261	2879.731	2863.712	0.000	2862.704	I(28)
K	5	574.356	2766.646	2750.620	2751.636	2749.620	K(27)
A	6	645.393	2638.552	2622.533	2623.541	2621.525	A(26)
T	7	786.441	2567.534	2551.490	2552.504	2550.486	T(25)
I	8	899.576	2486.467	2450.443	2451.456	2449.441	I(24)
A	9	930.562	2353.383	2337.354	2338.372	2336.356	A(23)
G	10	987.583	2282.346	2266.327	2267.335	2265.310	G(22)
G	11	1064.605	2225.224	2209.205	2210.213	2208.206	G(21)
G	12	1101.626	2168.203	2152.204	2153.202	2151.276	G(20)
V	13	1200.696	2111.281	2095.262	2096.270	2094.253	V(19)
L	14	1313.719	2032.213	1996.194	1997.202	1995.185	L(18)
P	15	1410.831	1899.129	1883.110	1884.118	1882.102	P(17)
H	16	1547.890	1802.076	1786.057	1787.065	1785.049	H(16)
I	17	1660.974	1695.017	1648.999	1650.006	1647.990	I(15)
H	18	1798.033	1551.933	1535.914	1536.922	1534.906	H(14)
K	19	1826.128	1414.874	1398.855	1399.863	1397.847	K(13)
S	20	2013.160	1298.779	1270.760	1271.768	1269.751	S(12)
L	21	2126.244	1199.747	1183.728	1184.736	1182.720	L(11)
I	22	2239.328	1086.663	1070.644	1071.652	1069.636	I(10)
G	23	2296.350	973.579	957.560	958.568	956.552	G(9)
K	24	2424.445	816.557	800.539	801.547	800.531	K(8)
K	25	2437.540	788.462	772.444	773.452	772.436	K(7)
G	26	2626.561	656.561	644.349	645.357	643.341	G(6)
Q	27	2737.620	603.346	587.327	588.335	588.320	Q(5)
Q	28	2865.679	475.287	459.269	460.277	458.261	Q(4)
K	29	3021.805	347.229	331.210	332.218	330.202	K(3)
T	30	3122.852	191.103	175.084	176.092	174.076	T(2)
A	31	3183.890	90.059	74.030	75.044	73.020	A(1)

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLIGKKGQQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.98
- ▶ F113281.dat
- ▶ query=q34438.p1
- ▶ precursor=639.781470
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA	
D	1	67.634	1597.040	1599.615	0.504	1599.427	D	31
G	3	110.850	1540.427	1532.418	0.504	1533.014	G	30
L	3	107.092	1495.912	1498.577	0.504	1488.355	L	29
I	4	223.634	1440.309	1432.300	0.504	1431.056	I	28
K	5	267.662	1363.627	1375.618	1376.321	1375.314	K	27
A	6	323.200	1319.770	1311.770	1312.274	1311.250	A	26
T	7	373.724	1284.261	1276.251	1276.755	1275.746	T	25
I	8	430.266	1233.737	1225.738	1226.735	1225.720	I	24
A	9	465.785	1177.195	1169.186	1169.690	1168.682	A	23
G	10	494.295	1141.676	1133.667	1134.171	1133.163	G	22
G	11	522.806	1113.166	1105.156	1105.660	1104.652	G	21
G	12	551.317	1084.655	1076.646	1077.149	1076.142	G	20
V	13	600.851	1056.144	1048.135	1048.639	1047.631	V	19
I	14	657.393	1006.619	998.601	999.105	998.097	I	18
P	15	705.919	950.068	942.059	942.563	941.555	P	17
H	16	774.449	901.542	893.532	894.036	893.028	H	16
I	17	830.991	833.012	825.003	825.507	824.499	I	15
H	18	899.520	778.470	768.461	768.965	767.957	H	14
K	19	963.568	767.941	699.931	700.935	698.427	K	13
S	20	1007.694	643.893	635.884	636.388	635.380	S	12
L	21	1063.626	600.372	592.368	592.872	591.864	L	11
I	22	1120.168	543.835	535.826	536.330	535.322	I	10
G	23	1168.679	487.297	479.284	479.788	478.780	G	9
K	24	1212.726	458.782	450.773	451.277	450.269	K	8
K	25	1276.774	394.735	386.726	387.229	386.222	K	7
G	26	1325.294	330.687	322.678	323.182	322.174	G	6
Q	27	1369.314	302.177	294.167	294.671	293.663	Q	5
Q	28	1433.343	238.147	230.138	230.642	229.634	Q	4
K	29	1511.406	174.118	166.109	166.613	165.605	K	3
T	30	1561.930	96.055	88.046	88.550	87.542	T	2
A	31	1597.448	49.531	37.522	38.026	37.018	A	1

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLIGKKGQQK ^{Dimethyl}TA
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=41.98
- ▶ F113281.dat
- ▶ query=q34438.p1
- ▶ precursor=639.781470
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	45.025	1065.629	1060.290	0.672	1059.954	D[31]
S[2]	74.036	1027.287	1021.947	0.672	1021.612	S[30]
L[3]	111.730	998.276	992.937	0.672	992.601	L[29]
I[4]	149.425	969.262	955.242	0.672	954.906	I[28]
K[5]	192.123	922.087	917.547	917.883	917.211	K[27]
A[6]	215.803	899.185	874.849	875.185	874.511	A[26]
T[7]	249.485	856.510	751.179	831.506	850.834	T[25]
I[8]	287.180	822.827	817.488	817.823	817.152	I[24]
A[9]	310.859	785.132	779.793	780.129	779.457	A[23]
G[10]	329.866	761.453	756.114	756.450	755.778	G[22]
G[11]	348.873	742.446	737.107	737.443	736.771	G[21]
G[12]	367.880	723.430	718.099	718.435	717.764	G[20]
V[13]	400.903	704.432	699.082	699.428	698.756	V[19]
I[14]	438.598	671.409	666.070	666.405	665.734	I[18]
P[15]	479.940	633.714	628.375	628.711	628.039	P[17]
H[16]	516.635	601.363	596.024	596.360	595.688	H[16]
I[17]	564.330	555.677	550.338	550.674	550.002	I[15]
H[18]	600.016	517.982	512.643	512.979	512.307	H[14]
K[19]	642.714	472.290	466.957	467.293	466.621	K[13]
S[20]	671.725	429.598	424.258	424.594	423.922	S[12]
L[21]	709.420	400.387	395.048	395.384	394.712	L[11]
I[22]	747.114	362.891	357.553	357.889	357.217	I[10]
G[23]	766.122	325.198	319.858	320.194	319.522	G[9]
K[24]	808.820	306.191	300.851	301.187	300.515	K[8]
K[25]	851.518	263.460	258.123	258.469	257.797	K[7]
G[26]	870.525	220.794	215.454	215.790	215.119	G[6]
Q[27]	913.211	201.787	196.447	196.783	196.111	Q[5]
Q[28]	959.908	159.103	153.761	154.097	153.425	Q[4]
K[29]	1007.940	110.416	111.075	111.411	110.739	K[3]
L[30]	1041.622	64.372	59.033	59.369	58.697	L[2]
A[31]	1065.301	30.690	25.350	25.686	25.014	A[1]

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLIGKKGQQK ^{Dimethyl}TA
28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=41.98
- ▶ F113281.dat
- ▶ query=q34438.p1
- ▶ precursor=639.781470
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	799.474	795.469	0.755	795.217	D[31]
S[2]	35.779	770.717	766.712	0.755	766.460	S[30]
L[3]	84.050	748.959	744.954	0.755	744.702	L[29]
T[4]	112.221	720.685	716.683	0.755	716.431	T[28]
K[5]	144.344	692.417	688.412	688.664	688.160	K[27]
A[6]	182.104	660.393	656.389	656.641	656.137	A[26]
Y[7]	197.366	642.634	638.629	638.881	638.377	Y[25]
I[8]	215.637	617.372	613.367	613.619	613.116	I[24]
A[9]	233.396	589.101	585.096	585.348	584.844	A[23]
G[10]	247.651	571.342	567.337	567.589	567.085	G[22]
G[11]	261.907	557.086	553.082	553.334	552.830	G[21]
G[12]	276.162	942.831	538.826	539.078	538.574	G[20]
V[13]	300.529	528.576	524.571	524.823	524.319	V[19]
T[14]	329.200	503.309	499.302	500.056	499.352	T[18]
P[15]	353.463	475.538	471.533	471.785	471.281	P[17]
H[16]	387.728	451.274	447.270	447.522	447.018	H[16]
I[17]	415.999	417.010	413.005	413.257	412.753	I[15]
H[18]	450.264	388.739	384.734	384.986	384.482	H[14]
K[19]	482.288	354.474	350.469	350.721	350.217	K[13]
S[20]	504.046	622.450	318.446	318.697	318.194	S[12]
L[21]	532.317	300.692	296.688	296.939	296.436	L[11]
T[22]	560.588	272.421	268.417	268.668	268.165	T[10]
Q[23]	574.843	244.150	240.146	240.397	239.894	Q[10]
K[24]	606.367	220.895	225.889	226.142	225.638	K[9]
K[25]	638.890	197.371	193.366	194.118	193.614	K[8]
G[26]	653.146	165.847	161.843	162.095	161.591	G[6]
Q[27]	685.160	151.592	147.587	147.839	147.335	Q[5]
Q[28]	717.175	119.577	115.573	115.825	115.321	Q[4]
K[29]	756.207	87.563	83.558	83.810	83.306	K[3]
T[30]	761.469	48.531	44.526	44.778	44.274	T[2]
A[31]	799.228	23.269	19.265	19.516	19.013	A[1]

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLLIGKKGQQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=58.73
- ▶ F113281.dat
- ▶ query=q34445.p1
- ▶ precursor=1065.632300
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ρ	b	b'	b ρ	y	y'	y ρ	AA
D1	468.036	0.000	189.000	112.004	0.000	98.000	1149.017	1171.044	1076.067	D10
S1	170.011	0.000	197.000	210.000	1.000	188.000	1097.007	1054.000	1011.018	S10
L1	200.010	0.000	240.000	110.000	0.000	208.000	1040.010	1049.000	1014.004	L10
E1	442.018	0.000	363.000	429.234	0.000	411.000	1079.011	1082.000	1061.000	E10
K1	629.034	0.000	513.000	513.000	0.000	609.000	1139.000	1149.000	1148.000	K10
A1	584.012	0.000	580.000	638.505	0.000	611.000	1073.000	1074.000	1070.000	A10
T1	1100.010	0.000	983.000	120.015	0.000	1110.000	1000.000	1000.000	1000.000	T10
M1	114.002	0.000	106.000	842.480	0.000	836.000	1046.000	1046.000	1046.000	M10
G1	695.040	868.514	687.000	913.315	0.000	906.000	1163.000	1159.000	1159.000	G10
C1	462.000	0.000	462.000	0.000	0.000	462.000	1022.000	1022.000	1022.000	C10
Q1	999.583	0.000	981.573	1027.578	0.000	1009.000	1220.000	1220.000	1220.000	Q10
G12	1109.000	1109.000	1109.000	1084.600	0.000	1099.000	1200.000	1213.000	1210.000	G12
V12	1109.000	1109.000	1109.000	1183.000	0.000	1109.000	1200.000	1200.000	1200.000	V12
L14	1268.757	1268.757	1268.757	1296.752	0.000	1278.752	1400.000	1395.000	1394.000	L14
F15	1065.000	1065.000	1065.000	1065.000	0.000	1065.000	1200.000	1200.000	1200.000	F15
H16	1112.000	1112.000	1112.000	1112.000	0.000	1112.000	1200.000	1200.000	1200.000	H16
I17	1112.000	1112.000	1112.000	1112.000	0.000	1112.000	1200.000	1200.000	1200.000	I17
H18	1173.012	1173.000	1173.000	1173.000	0.000	1173.000	1300.000	1300.000	1300.000	H18
K19	1083.107	1084.000	1084.000	1084.000	0.000	1084.000	1200.000	1200.000	1200.000	K19
S20	1066.100	1066.100	1066.100	1066.100	0.000	1066.100	1200.000	1200.000	1200.000	S20
L21	1061.102	1064.000	1064.000	1064.000	0.000	1064.000	1200.000	1200.000	1200.000	L21
E22	1194.107	1197.000	1198.000	1198.000	0.000	1198.000	1300.000	1300.000	1300.000	E22
G23	1065.100	1066.000	1066.000	1066.000	0.000	1066.000	1200.000	1200.000	1200.000	G23
K24	1192.123	1192.000	1192.000	1192.000	0.000	1192.000	1300.000	1300.000	1300.000	K24
K25	1097.110	1098.000	1098.000	1098.000	0.000	1098.000	1200.000	1200.000	1200.000	K25
G26	1066.100	1066.100	1066.100	1066.100	0.000	1066.100	1200.000	1200.000	1200.000	G26
Q27	1062.100	1063.000	1063.000	1063.000	0.000	1063.000	1200.000	1200.000	1200.000	Q27
Q28	1063.100	1063.000	1063.000	1063.000	0.000	1063.000	1200.000	1200.000	1200.000	Q28
K29	1069.100	1069.000	1069.000	1069.000	0.000	1069.000	1200.000	1200.000	1200.000	K29
L30	1077.100	1078.000	1078.000	1078.000	0.000	1078.000	1200.000	1200.000	1200.000	L30
T31	1077.100	1078.000	1078.000	1078.000	0.000	1078.000	1200.000	1200.000	1200.000	T31
A31	1048.000	1051.000	1051.000	1051.000	0.000	1051.000	1200.000	1200.000	1200.000	A31

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLIGKKGQQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=58.73
- ▶ F113281.dat
- ▶ query=q34445.p1
- ▶ precursor=1065.632300
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a:2	b	b'	b:2	a'	a:2	AA
W1	44.553	0.559	39339	58.803	0.504	46.553	1391.951	1391.951	1391.951
W2	58.659	0.504	19034	102.007	0.504	61.611	1548.421	1548.421	1548.421
L13	144.521	0.522	139.576	158.576	0.504	149.574	1449.811	1449.811	1449.811
E4	231.222	0.509	192.119	232.119	0.504	236.122	1450.303	1450.303	1450.303
W5	268.174	1.004	268.174	268.174	0.504	268.174	1391.951	1391.951	1391.951
A16	309.659	2.021	211.268	314.687	0.504	314.687	1391.951	1391.951	1391.951
T17	391.423	1.021	142.700	396.111	0.504	396.111	1391.951	1391.951	1391.951
E8	407.229	1.021	348.762	411.751	0.512	411.751	1233.737	1233.737	1233.737
A9	423.274	4.247	434.309	434.309	0.504	434.309	1177.195	1177.195	1177.195
G10	431.765	0.511	461.919	461.919	0.504	461.919	1341.833	1341.833	1341.833
G12	438.269	1.021	319.803	442.803	0.504	442.803	1084.655	1084.655	1084.655
W13	478.742	0.509	508.709	508.709	0.504	508.709	1391.951	1391.951	1391.951
E14	474.832	0.504	525.877	525.877	0.504	525.877	1006.610	1006.610	1006.610
P15	481.405	0.504	474.405	474.405	0.504	474.405	950.068	950.068	950.068
T16	483.408	1.021	442.811	483.408	0.504	483.408	961.542	961.542	961.542
K17	486.409	0.504	709.425	802.425	0.512	802.425	831.012	831.012	831.012
T18	477.409	0.504	503.024	491.024	0.504	491.024	776.470	776.470	776.470
K19	941.057	0.504	941.057	941.057	0.504	941.057	1006.610	1006.610	1006.610
S20	941.057	0.504	941.057	941.057	0.504	941.057	1006.610	1006.610	1006.610
L21	1061.119	1.021	1061.119	1061.119	1.048	1061.119	1061.119	1061.119	1061.119
G22	1067.659	1.021	1067.659	1067.659	1.048	1067.659	1067.659	1067.659	1067.659
G23	1136.219	1.111	1136.219	1136.219	1.111	1136.219	1136.219	1136.219	1136.219
K24	1198.219	1.111	1198.219	1198.219	1.111	1198.219	1198.219	1198.219	1198.219
K25	1254.263	1.249	1254.263	1254.263	1.249	1254.263	1254.263	1254.263	1254.263
K26	1261.274	1.274	1261.274	1261.274	1.274	1261.274	1261.274	1261.274	1261.274
G27	1346.319	1.319	1346.319	1346.319	1.319	1346.319	1346.319	1346.319	1346.319
K28	1431.319	1.431	1431.319	1431.319	1.431	1431.319	1431.319	1431.319	1431.319
K29	1438.330	1.438	1438.330	1438.330	1.438	1438.330	1438.330	1438.330	1438.330
T30	1539.419	1.539	1539.419	1539.419	1.539	1539.419	1539.419	1539.419	1539.419
A31	1574.519	1.574	1574.519	1574.519	1.574	1574.519	1574.519	1574.519	1574.519

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHK^{Acetyl}SLIGKKGQQK^{Dimethyl}TA
42.01 28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.51
- ▶ F113281.dat
- ▶ query=q34590_p1
- ▶ precursor=809.978650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
D	133.081	32.36.804	3220.885	0.000	2219.895	D	131	
S	220.093	3171.857	3105.838	0.000	3104.831	S	20	
L	333.177	3034.825	3018.806	0.000	3017.799	L	29	
I	446.261	2921.741	2905.722	0.000	2904.715	I	28	
K	5	574.356	2808.657	2792.638	2793.646	2791.630	K	27
A	6	645.393	2680.562	2664.543	2665.551	2663.530	A	26
T	7	716.441	2606.525	2593.505	2594.514	2592.496	T	25
I	8	858.525	2308.477	2292.459	2293.466	2291.451	I	24
A	9	930.562	2395.363	2379.345	2380.352	2378.341	A	23
G	10	987.583	2324.356	2308.337	2309.345	2307.330	G	22
G	11	1044.605	2267.335	2251.316	2252.324	2250.308	G	21
G	12	1101.626	2210.313	2194.294	2195.302	2193.287	G	20
V	13	1200.695	2153.292	2137.273	2138.281	2136.265	V	19
I	14	1313.779	2054.223	2038.205	2039.212	2037.197	I	18
P	15	1410.831	1941.139	1925.121	1926.128	1924.113	P	17
H	16	1547.890	1944.088	1828.068	1829.076	1827.060	H	16
H	17	1660.974	1707.028	1691.009	1692.017	1690.001	H	15
H	18	1798.033	1593.944	1577.925	1578.933	1576.917	H	14
K	19	1968.139	1456.885	1440.865	1441.874	1439.858	K	13
S	20	2055.171	1308.779	1278.760	1271.748	1269.743	S	12
L	21	2168.255	1190.747	1153.728	1184.736	1182.720	L	11
I	22	2281.339	1086.663	1070.644	1071.652	1069.636	I	10
G	23	2338.361	973.579	957.560	958.568	956.552	G	9
K	24	2466.455	916.557	900.539	901.547	899.531	K	8
K	25	2594.550	788.462	772.444	773.452	771.436	K	7
G	26	2613.572	660.368	644.350	645.357	643.341	G	6
Q	27	2779.636	603.346	587.327	588.335	586.320	Q	5
Q	28	2907.689	475.267	459.269	460.277	458.261	Q	4
K	29	3063.815	347.239	331.210	332.218	330.202	K	3
T	30	3164.863	191.103	175.084	176.092	174.076	T	2
A	31	3235.900	90.055	74.036	75.044	73.028	A	1

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHK ^{Acetyl} 42.01 SLIGKKGQQK ^{Dimethyl} 28.03 TA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.51
- ▶ F113281.dat
- ▶ query=q34590.p1
- ▶ precursor=809.978650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	1	67.034	1618.946	1618.938	0.504	1618.432	D[31]
S	2	108.550	1301.432	1563.423	0.504	1552.919	S[30]
L	3	187.092	1517.916	1509.907	0.504	1509.401	L[29]
I	4	223.614	1481.974	1451.935	0.504	1462.861	I[28]
K	5	287.682	1404.833	1396.823	1397.327	1396.310	K[27]
A	6	323.200	1340.785	1332.775	1333.279	1332.273	A[26]
T	7	373.724	1305.266	1297.257	1297.761	1296.753	T[25]
I	8	400.266	1254.742	1240.733	1237.237	1240.231	I[24]
A	9	465.785	1198.200	1190.191	1190.695	1189.687	A[23]
G	10	484.295	1162.682	1154.672	1155.176	1154.168	G[22]
G	11	522.806	1134.171	1126.162	1126.666	1125.658	G[21]
G	12	551.317	1105.660	1097.651	1098.155	1097.147	G[20]
V	13	606.851	1077.149	1069.140	1069.644	1068.636	V[19]
I	14	657.383	1029.632	1019.608	1020.110	1019.100	I[18]
F	15	705.910	971.073	963.054	963.568	962.560	F[17]
H	16	774.440	922.547	914.538	915.041	914.034	H[16]
I	17	838.961	874.017	846.008	846.512	845.504	I[15]
R	18	899.520	797.475	789.465	789.970	788.962	R[14]
K	19	984.573	728.946	720.937	721.440	720.431	K[13]
S	20	1025.089	643.893	635.884	636.388	635.380	S[12]
L	21	1084.611	600.377	592.368	592.872	591.864	L[11]
I	22	1143.173	543.835	535.826	536.330	535.322	I[10]
G	23	1169.684	487.293	479.284	479.788	478.780	G[9]
K	24	1233.731	458.782	450.773	451.277	450.269	K[8]
K	25	1282.718	394.736	386.728	387.232	386.224	K[7]
G	26	1326.290	330.687	322.678	323.182	322.174	G[6]
Q	27	1360.319	302.177	294.167	294.671	293.663	Q[5]
Q	28	1454.348	238.147	230.138	230.642	229.634	Q[4]
K	29	1532.411	174.119	166.109	166.613	165.605	K[3]
T	30	1602.938	98.095	88.088	88.592	87.584	T[2]
A	31	1618.434	48.531	37.522	38.026	37.018	A[1]

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHK^{Acetyl} SLIGKKGQQK^{Dimethyl} TA
42.01 28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.51
- ▶ F113281.dat
- ▶ query=q34590_p1
- ▶ precursor=809.978650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	45.021	1079.633	1074.291	0.672	1071.957	D[2]
S[2]	74.036	1041.291	1035.951	0.672	1035.615	S[3]
L[3]	111.730	1012.280	1006.940	0.672	1006.604	L[29]
H[4]	149.425	974.585	969.246	0.672	968.910	H[28]
K[5]	192.123	936.891	931.551	931.887	931.215	K[27]
A[6]	215.803	894.192	888.853	889.189	888.517	A[26]
T[7]	249.485	870.513	863.174	865.510	864.835	T[25]
I[8]	287.180	836.831	831.491	831.827	831.155	I[24]
A[9]	310.859	799.136	793.796	794.132	793.460	A[23]
G[10]	329.886	775.457	770.117	770.453	769.781	G[22]
G[11]	348.873	756.450	751.110	751.446	750.774	G[21]
G[12]	367.880	737.443	732.103	732.439	731.767	G[20]
V[13]	400.963	718.435	713.096	713.432	712.760	V[19]
I[14]	438.588	685.423	680.073	680.409	679.737	I[18]
P[15]	470.949	647.715	642.376	642.714	642.042	P[17]
H[16]	516.635	615.367	610.027	610.363	609.691	H[16]
H[17]	554.330	569.061	564.341	564.677	564.005	H[15]
H[18]	600.016	531.860	526.646	526.982	526.311	H[14]
K[19]	656.718	486.300	480.950	481.296	480.624	K[13]
S[20]	685.735	459.588	454.258	454.594	453.922	S[12]
L[21]	723.423	400.587	395.248	395.584	394.912	L[11]
I[22]	761.118	362.093	357.893	357.889	357.217	I[10]
G[23]	780.125	325.198	319.858	320.194	319.522	G[9]
K[24]	822.823	306.191	300.851	301.187	300.515	K[8]
K[25]	865.522	263.492	258.153	258.489	257.817	K[7]
G[26]	884.539	220.794	215.454	215.790	215.118	G[6]
Q[27]	927.215	201.787	196.447	196.783	196.111	Q[5]
Q[28]	969.901	159.101	153.761	154.097	153.425	Q[4]
K[29]	1021.943	116.414	111.075	111.411	110.739	K[3]
T[30]	1055.629	64.372	59.033	59.369	58.697	T[2]
A[31]	1079.305	30.690	25.350	25.686	25.014	A[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.43
- ▶ F113281.dat
- ▶ query=q36869_p1
- ▶ precursor=866.900240
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a'	a _Δ	b	b'	b _Δ	y ⁺	y _Δ	AA
E1	881.521	0.000	109.701	148.024	0.000	148.024	4315.471	4315.471	E138
E1	217.002	0.000	109.071	245.071	0.000	227.000	4215.471	4198.444	E139
E1	346.434	0.000	108.111	374.119	0.000	308.109	4086.424	4069.401	E138
E1	469.259	0.000	143.100	487.303	0.000	368.103	3687.385	3640.359	E139
E1	519.251	0.000	100.241	601.249	0.000	508.250	3548.251	3521.225	E138
E1	601.346	464.320	663.313	728.341	174.315	511.314	3730.251	3513.214	K130
E1	687.424	687.424	756.424	842.425	826.399	634.415	3687.181	3585.131	L134
E1	817.515	817.515	886.515	955.519	939.481	719.497	3488.019	3471.000	K131
E1	894.576	894.576	963.576	1011.531	995.504	794.510	3175.960	3158.960	G125
K130	1431.601	1431.601	1507.601	1586.601	1571.611	1391.641	1318.611	1301.641	K131
V11	1259.711	1221.720	1221.720	1221.720	1221.720	1221.720	1162.644	1144.644	V106
V12	1491.711	1421.711	1421.711	1421.711	1421.711	1421.711	1059.711	1049.711	V106
H13	1451.801	1448.811	1448.811	1481.811	1481.811	1481.811	1048.711	1048.711	E131
A14	1524.931	1507.871	1506.880	1552.890	1535.868	1534.854	1040.841	1032.822	A127
G126	1582.966	1538.961	1538.961	1586.961	1569.961	1568.961	1046.961	1038.961	G126
G16	1559.969	1550.951	1551.961	1572.971	1570.948	1570.954	1050.951	1051.951	G125
G13	1587.911	1549.911	1549.911	1594.911	1577.969	1576.959	1051.911	1051.911	G124
V11	1689.999	1639.971	1639.971	1686.971	1669.999	1668.978	1059.911	1059.911	V105
L139	1719.154	1692.132	1691.141	1801.141	1780.122	1780.110	1057.441	1057.414	L122
P120	1676.954	1659.109	1658.109	1708.109	1687.175	1686.161	1054.109	1057.109	P123
K121	1580.940	1573.221	1572.209	1618.244	1601.218	1600.214	1052.801	1052.801	N120
L121	1611.111	1605.961	1605.961	1631.961	1614.924	1613.911	1051.911	1050.924	L118
Q125	1611.369	1614.369	1614.369	1618.369	1624.369	1624.369	1066.111	1066.111	K118
A14	1607.429	1601.421	1601.411	1630.424	1613.387	1612.413	1067.111	1065.801	A117
V124	1601.669	1604.661	1604.661	1608.661	1614.661	1614.661	1066.661	1066.661	V116
L124	1614.561	1607.511	1606.511	1626.520	1604.504	1604.501	1067.011	1064.501	L118
L127	1617.569	1610.511	1610.511	1630.524	1608.514	1607.509	1068.801	1071.801	L114
L121	1618.111	1611.061	1611.061	1641.061	1624.061	1624.061	1074.061	1074.061	F113
K120	1652.511	1645.511	1644.811	1660.524	1643.162	1642.156	1074.911	1074.911	K112
K120	1681.961	1681.961	1681.961	1681.961	1681.961	1681.961	1074.961	1074.961	K111
L121	1611.669	1604.621	1603.641	1630.641	1613.624	1612.610	1072.661	1074.641	L118
L121	1611.669	1604.621	1603.641	1630.641	1613.624	1612.610	1072.661	1074.641	L118
S13	1668.011	1661.011	1661.011	1668.011	1674.011	1674.011	1081.011	1081.011	S11
K14	1631.019	1624.081	1623.071	1661.080	1644.045	1643.034	1081.471	1081.471	H17
K124	1712.148	1705.211	1704.211	1735.211	1718.144	1717.131	1085.111	1085.111	K125
K124	1699.251	1691.211	1690.211	1720.211	1701.212	1700.210	1084.211	1084.211	K125
A117	1671.269	1664.211	1663.211	1694.211	1676.211	1675.211	1083.211	1083.211	A10
K126	1699.111	1691.141	1690.141	1721.141	1704.141	1703.141	1082.141	1082.141	K120
G12	1750.301	1743.310	1743.300	1764.300	1747.300	1746.301	1094.111	1093.010	G12
K140	1684.401	1677.401	1676.401	1712.401	1695.401	1694.401	1087.111	1086.001	K11

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLKLG^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=46.43
- ▶ F113281.dat
- ▶ query=q36869_p1
- ▶ precursor=866.900240
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a'	a,Δ	b	b'	b,Δ	y	y'	y,Δ	AA
D1	44.523	0.504	35.518	58.521	0.504	46.533	2165.752	2157.208	2556.747	D40
E2	59.965	0.504	50.976	73.974	0.504	61.979	2170.232	2166.728	2609.234	E30
E3	773.599	0.504	684.561	187.563	0.504	176.559	2043.710	2035.204	2404.712	E38
L4	330.388	0.507	221.103	244.303	0.504	236.303	1979.180	1970.683	2376.181	L37
R5	389.958	0.507	280.924	309.929	0.507	301.934	2007.657	1999.154	2412.659	R36
R6	351.177	0.507	242.024	242.177	0.506	236.174	1895.631	1887.118	2292.627	R35
L7	389.958	0.507	280.924	309.929	0.507	301.934	1881.589	1873.079	2292.588	L34
L8	484.227	0.507	375.232	421.718	0.507	413.203	1842.561	1834.051	2243.559	L33
L9	492.712	0.507	383.717	431.203	0.507	423.188	1850.521	1842.011	2251.519	L32
R10	370.889	0.507	261.852	284.832	0.507	276.819	1876.497	1867.988	2277.493	R32
V11	520.887	0.507	415.864	463.362	0.507	453.353	1847.469	1838.959	2242.464	V34
I12	710.913	0.627	602.300	661.808	0.627	594.781	1826.437	1817.926	2223.438	I30
E13	397.438	0.627	288.819	318.439	0.627	310.422	1737.427	1728.916	2137.424	E31
A14	750.953	0.754	640.751	753.948	0.754	746.439	1707.400	1698.890	2107.402	A27
G15	826.983	0.816	700.469	814.968	0.816	807.457	1637.373	1628.862	2037.374	G25
G16	855.489	0.816	749.485	864.984	0.816	851.473	1623.346	1614.835	2023.347	G24
G17	854.984	0.816	748.980	863.979	0.816	850.968	1627.359	1618.848	2027.360	G24
V18	633.933	0.816	524.933	547.936	0.816	543.931	1586.322	1577.811	1986.324	V30
L19	696.958	0.816	587.959	604.976	0.816	605.973	1210.224	1210.710	1502.228	L22
P20	619.958	0.816	510.959	527.974	0.816	529.971	1162.622	1154.108	1453.676	P21
R21	627.419	0.816	518.420	535.437	0.816	537.434	1141.554	1133.040	1432.594	R22
G22	2152.526	1.043	1843.180	1104.108	1.043	1157.125	1057.134	1049.621	1294.132	G24
G23	2112.209	1.043	1802.864	1072.144	1.043	1125.188	1066.699	1059.187	1282.191	G23
A24	1281.714	1.043	1092.249	1205.716	1.043	1207.709	936.584	929.070	1027.587	A17
V25	1210.242	1.043	1020.791	1134.249	1.043	1136.242	905.044	897.531	1002.038	V18
L26	927.494	1.043	748.498	771.497	1.043	781.496	851.510	842.996	942.504	L23
L27	1414.126	1.043	1245.131	1405.131	1.043	1419.131	744.120	736.606	796.454	L24
R28	1262.413	1.043	1093.416	1116.416	1.043	1120.416	718.426	710.912	798.426	R25
R29	1236.709	1.043	1067.709	1090.709	1.043	1114.709	718.426	710.912	798.426	R25
K30	1380.588	1.284	1201.582	1304.585	1.284	1306.582	625.852	617.339	616.847	K13
V31	1328.518	1.284	1143.518	1246.521	1.284	1252.518	625.852	617.339	616.847	V10
E32	1156.534	1.284	987.538	1090.541	1.284	1101.538	511.261	502.747	592.259	E24
S33	1142.530	1.284	973.534	1076.534	1.284	1081.534	446.750	438.240	437.754	S30
E34	1104.534	1.284	935.534	1038.534	1.284	1043.534	446.750	438.240	437.754	E31
H35	1086.576	1.284	917.576	1020.576	1.284	1025.576	324.774	316.264	315.768	H32
K36	1080.603	1.284	911.603	1014.603	1.284	1019.603	324.774	316.264	315.768	K33
A37	1250.514	1.524	1065.518	1168.521	1.524	1173.518	258.124	250.614	249.118	A34
K38	1246.518	1.524	1061.522	1164.525	1.524	1170.522	258.124	250.614	249.118	K35
G39	1216.518	1.524	1031.522	1134.525	1.524	1140.522	258.124	250.614	249.118	G36
K40	1242.520	1.524	1057.524	1160.527	1.524	1165.524	214.742	207.232	206.726	K37

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=46.43
- ▶ F113281.dat
- ▶ query=q36869_p1
- ▶ precursor=866.900240
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	r	y*	y,Δ	AA
G1	28.018	0.072	28.090	39.202	0.072	39.274	144.171	143.409	44.301	L54G
E2	73.019	0.072	73.091	39.202	0.072	39.274	144.171	143.409	44.301	L54G
E3	118.046	0.072	118.118	125.376	0.072	125.448	133.814	133.052	43.981	E10H
L4	163.071	0.072	163.143	163.877	0.072	163.949	119.650	118.888	43.124	L127
N5	208.095	1.000	208.167	209.087	1.000	209.159	109.083	108.321	42.708	N30
K6	253.096	2.000	253.168	254.088	2.000	254.160	107.812	107.050	42.292	K131
L7	298.120	3.000	298.192	299.112	3.000	299.184	106.541	105.779	41.876	L134
L8	343.145	3.000	343.217	344.137	3.000	344.209	113.173	112.411	41.460	L113
G9	388.169	3.000	388.241	389.161	3.000	389.233	111.902	111.140	41.044	G42
K10	433.193	3.000	433.265	434.185	3.000	434.257	106.631	105.869	40.628	K131
V11	478.217	4.000	478.289	479.209	4.000	479.281	117.263	116.501	40.212	V30
L12	523.241	4.000	523.313	524.233	4.000	524.305	102.992	102.230	39.796	L128
L13	568.265	4.000	568.337	569.257	4.000	569.329	101.721	100.959	39.380	L131
A14	613.289	4.000	613.361	614.281	4.000	614.353	102.450	101.688	38.964	A27
Q15	658.313	4.000	658.385	659.305	4.000	659.377	104.181	103.419	38.548	Q20
G16	703.337	4.000	703.409	704.329	4.000	704.401	102.910	102.148	38.132	G25
G17	748.361	4.000	748.433	749.353	4.000	749.425	101.640	100.878	37.716	G24
V18	793.385	817.818	818.681	819.601	819.551	820.414	100.370	99.608	37.300	V29
L19	838.409	4.000	838.481	839.401	4.000	839.473	101.100	100.338	36.884	L22
P20	883.433	687.065	884.325	885.245	885.195	886.058	102.830	102.068	36.468	P21
N21	928.457	4.000	928.529	929.449	4.000	929.521	101.560	100.798	36.052	N20
G22	973.481	782.774	783.446	784.366	784.316	785.179	103.290	102.528	35.636	G23
Q23	1018.505	4.000	1018.577	1019.497	4.000	1019.569	102.020	101.258	35.220	Q18
A24	1063.529	828.119	828.891	829.811	829.761	830.624	103.750	102.988	34.804	A17
V25	1108.553	4.000	1108.625	1109.545	4.000	1109.617	102.480	101.718	34.388	V14
K26	1153.577	4.000	1153.649	1154.569	4.000	1154.641	101.210	100.448	33.972	K12
L27	1198.601	4.000	1198.673	1199.593	4.000	1199.665	100.940	100.178	33.556	L133
P28	1243.625	4.000	1243.697	1244.617	4.000	1244.689	101.670	100.908	33.140	P22
K29	1288.649	1012.600	1013.272	1014.192	1014.142	1015.005	102.400	101.638	32.724	K12
K30	1333.673	4.000	1333.745	1334.665	4.000	1334.737	101.130	100.368	32.308	K11
L31	1378.697	4.000	1378.769	1379.689	4.000	1379.761	100.860	100.098	31.892	L132
E32	1423.721	11.000	1423.793	1424.713	11.000	1424.785	101.590	100.828	31.476	E31
S33	1166.662	11.000	1166.734	1167.654	1167.604	1168.467	103.320	102.558	31.060	S31
L34	1468.745	4.000	1468.817	1469.737	4.000	1469.809	100.590	99.828	30.644	L131
H35	1513.769	2.000	1513.841	1514.761	2.000	1514.833	101.320	100.558	30.228	H30
K36	1558.793	2.000	1558.865	1559.785	2.000	1559.857	102.050	101.288	29.812	K35
A37	1603.817	4.000	1603.889	1604.809	4.000	1604.881	102.780	102.018	29.396	A34
K38	1648.841	4.000	1648.913	1649.833	4.000	1649.905	101.510	100.748	28.980	K33
G39	1693.865	1.000	1693.937	1694.857	1.000	1694.929	102.240	101.478	28.564	G42
K40	1738.889	1.000	1738.961	1739.881	1.000	1739.953	102.970	102.208	28.148	K31

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=46.43
- ▶ F113281.dat
- ▶ query=q36869_p1
- ▶ precursor=866.900240
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
E1	227.050	0.750	18.260	26.764	0.750	26.260	100.000	110.012	100.000	D140
E2	352.050	0.750	30.514	42.024	0.750	37.514	104.000	107.000	102.000	E130
E3	477.050	0.750	42.768	57.534	0.750	50.034	102.000	105.000	101.000	E120
L4	115.506	0.750	111.009	122.008	0.750	118.004	980.833	985.845	985.989	L137
T5	144.000	1.000	139.000	150.000	1.000	146.000	981.833	987.845	987.989	K30
R6	176.500	1.11830	171.000	183.000	1.11830	178.500	981.833	987.845	987.989	K30
L7	304.200	1.000	199.000	211.362	1.000	200.362	981.296	987.308	987.354	L134
L8	432.210	1.000	227.113	239.534	1.000	238.534	981.296	987.308	987.354	L134
G9	246.000	240.513	245.567	257.000	240.513	246.500	844.734	849.746	849.792	C125
K10	388.011	181.854	393.419	242.000	388.011	393.417	849.697	854.709	854.755	K111
V11	150.000	150.453	150.906	162.000	150.453	150.906	851.244	856.256	856.302	V136
V12	220.000	220.902	221.447	232.000	220.902	232.447	851.244	856.256	856.302	V136
H13	354.201	354.654	355.110	367.110	354.654	367.111	741.418	746.430	746.430	H124
A14	381.000	377.724	377.478	388.000	384.722	384.476	713.247	718.259	718.259	A127
Q15	413.000	409.749	409.493	420.000	416.747	416.491	685.403	690.415	690.415	Q126
G16	420.200	423.000	423.740	435.240	423.000	432.740	683.339	688.351	688.351	C125
G17	342.500	438.240	438.003	449.504	445.240	445.002	649.130	654.142	654.142	C124
V18	480.000	481.913	481.719	494.000	489.913	489.719	618.000	623.012	623.012	V135
L19	466.544	468.200	468.041	502.543	468.200	468.040	616.110	621.122	621.122	L122
P20	319.000	315.500	315.304	326.000	322.500	322.303	581.884	586.896	586.896	P121
T21	448.110	444.610	444.315	455.110	451.610	451.314	577.977	582.989	582.989	T120
T22	379.000	374.500	374.205	385.000	381.500	381.204	524.014	529.026	529.026	T114
Q23	368.000	364.500	364.205	375.000	371.500	371.204	480.000	485.012	485.012	Q119
A24	856.263	852.100	851.860	853.361	852.100	852.860	408.000	413.012	413.012	A117
V25	851.130	846.910	846.611	848.130	846.910	847.611	411.000	416.012	416.012	V116
L26	879.410	875.140	874.890	886.410	882.140	881.891	426.200	431.212	431.212	L115
L27	797.672	793.410	793.160	794.672	793.410	793.160	397.000	402.012	402.012	L114
P28	779.000	774.750	774.500	780.000	776.750	776.500	386.000	391.012	391.012	P113
K29	783.959	779.702	779.455	785.961	781.701	781.455	385.000	390.012	390.012	K112
K30	795.983	791.726	791.479	793.985	789.725	789.479	314.400	319.412	319.412	K111
T31	819.117	814.860	814.613	820.117	815.860	815.613	317.400	322.412	322.412	T110
E32	853.500	849.250	849.003	860.500	856.250	856.003	256.144	261.156	261.156	E111
S33	876.201	871.950	871.703	882.202	877.950	877.703	221.600	226.612	226.612	S110
K34	889.100	884.850	884.603	890.100	885.850	885.603	204.200	209.212	209.212	K111
H35	816.710	812.460	812.213	817.710	813.460	813.213	160.000	165.012	165.012	H110
K36	876.210	871.960	871.713	882.210	877.960	877.713	153.000	158.012	158.012	K110
A17	893.576	889.310	889.071	894.576	890.310	890.071	101.572	106.584	106.584	A106
K18	876.510	872.260	872.013	877.510	873.260	873.013	101.572	106.584	106.584	K105
G19	1009.000	1004.750	1004.503	1014.000	1009.750	1009.503	104.200	109.212	109.212	G104
K40	1017.000	1012.750	1012.503	1017.000	1012.750	1012.503	104.200	109.212	109.212	K111

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=77.02
- ▶ F113281.dat
- ▶ query=q36870.p1
- ▶ precursor=866.900240
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D 1	133.061	4330.497	4314.479	0.000	4313.477	D[40]
E 2	362.103	4215.476	4199.452	0.000	4198.444	E[39]
E 3	391.146	4088.428	4070.420	0.000	4059.401	E[38]
L 4	504.230	3957.385	3941.366	0.000	3940.359	L[37]
N 5	618.273	3844.301	3828.282	3820.290	3817.275	N[36]
K 6	746.368	3730.258	3714.239	3715.247	3713.232	K[35]
L 7	859.452	3602.183	3586.144	3587.152	3585.137	L[34]
L 8	972.536	3489.079	3473.060	3474.068	3472.051	L[33]
G 9	1029.558	3375.095	3359.076	3360.084	3358.069	G[32]
K 10	1185.684	3318.974	3302.955	3303.963	3301.947	K[31]
V 11	1284.752	3102.847	3146.829	3147.836	3145.821	V[30]
T 12	1385.800	3063.779	3047.760	3048.768	3046.752	T[29]
L 13	1498.884	2962.731	2946.713	2947.720	2945.705	L[28]
A 14	1569.921	2849.647	2833.628	2834.636	2832.621	A[27]
Q 15	1697.980	2778.610	2762.591	2763.599	2761.584	Q[26]
G 16	1755.001	2656.552	2634.533	2635.541	2633.525	G[25]
G 17	1812.023	2593.530	2577.511	2578.519	2576.504	G[24]
V 18	1911.091	2536.509	2520.490	2521.498	2519.482	V[23]
L 19	2024.175	2431.440	2421.421	2422.429	2420.413	L[22]
P 20	2111.228	2324.366	2308.347	2309.345	2307.330	P[21]
N 21	2235.271	2227.303	2211.284	2212.292	2210.277	N[20]
I 22	2348.355	2113.260	2097.242	2098.250	2096.234	I[19]
Q 23	2476.413	2000.176	1984.158	1985.165	1983.150	Q[18]
A 24	2547.450	1872.118	1856.099	1857.107	1855.091	A[17]
V 25	2656.519	1801.081	1785.062	1786.070	1784.054	V[16]
L 26	2759.603	1702.012	1685.994	1687.001	1684.985	L[15]
L 27	2872.687	1588.928	1572.909	1573.917	1571.902	L[14]
P 28	2069.740	1475.844	1459.825	1460.833	1458.818	P[13]
K 29	3097.835	1378.791	1362.773	1363.780	1361.765	K[12]
K 30	3225.930	1250.696	1234.678	1235.685	1233.670	K[11]
I 31	3358.977	1122.601	1106.583	1107.591	1105.575	I[10]
E 32	3456.020	1021.554	1005.535	1006.543	1004.527	E[9]
S 33	3543.052	892.511	876.492	877.500	875.485	S[8]
H 34	3680.111	805.479	789.460	790.468	788.453	H[7]
H 35	3817.170	698.420	652.401	653.409	651.394	H[6]
K 36	3945.265	531.361	515.343	516.350	514.335	K[5]
A 37	4019.302	403.306	387.249	388.257	386.241	A[4]
K 38	4144.397	332.229	316.211	317.218	315.202	K[3]
G 39	4201.418	204.134	188.116	189.123	187.108	G[2]
K 40	4329.513	147.113	133.094	132.102	130.089	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=77.02
- ▶ F113281.dat
- ▶ query=q36870.p1
- ▶ precursor=866.900240
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	2165.752	2157.743	0.504	2157.239	D[40]
E[2]	111.955	2158.238	2150.229	0.504	2099.728	E[39]
E[3]	196.077	2043.718	2035.709	0.504	2035.205	E[38]
L[4]	252.619	1976.199	1971.187	0.504	1970.683	L[37]
N[5]	309.640	1922.654	1914.645	1915.149	1914.141	N[36]
K[6]	373.688	1895.633	1887.623	1888.127	1887.119	K[35]
L[7]	430.230	1861.585	1793.576	1794.080	1793.072	L[34]
L[8]	489.772	1745.043	1737.034	1737.538	1736.530	L[33]
G[9]	515.282	1688.561	1680.552	1680.996	1679.988	G[32]
K[10]	591.346	1659.990	1651.981	1652.485	1651.477	K[31]
V[11]	642.880	1581.627	1573.618	1574.422	1573.414	V[30]
T[12]	693.404	1512.393	1524.384	1524.888	1523.880	T[29]
L[13]	769.546	1451.899	1473.860	1474.364	1473.356	L[28]
A[14]	785.464	1425.327	1417.318	1417.822	1416.814	A[27]
Q[15]	849.493	1389.809	1381.800	1382.303	1381.295	Q[26]
G[16]	878.004	1325.779	1317.770	1318.274	1317.266	G[25]
G[17]	906.515	1297.269	1289.259	1289.763	1288.755	G[24]
V[18]	956.049	1268.758	1260.749	1261.252	1260.245	V[23]
L[19]	1027.597	1210.244	1211.214	1211.718	1210.710	L[22]
P[20]	1061.118	1162.662	1154.653	1155.156	1154.160	P[21]
N[21]	1118.139	1114.155	1106.146	1106.650	1105.642	N[20]
I[22]	1174.681	1067.134	1049.124	1049.628	1048.621	I[19]
Q[23]	1238.710	1000.592	992.582	993.086	992.079	Q[18]
A[24]	1274.229	936.563	928.553	929.057	928.049	A[17]
V[25]	1323.763	891.044	883.035	883.539	882.531	V[16]
L[26]	1369.305	851.510	843.500	844.004	843.000	L[15]
L[27]	1436.847	794.968	786.958	787.462	786.454	L[14]
P[28]	1485.374	738.426	730.416	730.920	729.912	P[13]
K[29]	1549.421	699.899	681.890	682.394	681.388	K[12]
K[30]	1613.468	635.852	617.842	618.346	617.339	K[11]
I[31]	1663.992	581.804	563.795	564.299	563.291	I[10]
E[32]	1728.514	511.281	503.271	503.775	502.767	E[9]
S[33]	1772.030	446.759	438.750	439.254	438.246	S[8]
H[34]	1840.559	401.243	393.234	393.738	392.730	H[7]
H[35]	1909.089	334.714	326.704	327.208	326.200	H[6]
K[36]	1973.136	266.184	258.175	258.679	257.671	K[5]
A[37]	2008.655	202.139	194.129	194.633	193.625	A[4]
K[38]	2072.702	168.618	158.609	159.113	158.105	K[3]
G[39]	2101.213	102.571	94.561	95.065	94.057	G[2]
K[40]	2165.260	74.060	66.051	66.555	65.547	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=77.02
- ▶ F113281.dat
- ▶ query=q36870.p1
- ▶ precursor=866.900240
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D 1	45.025	1444.171	1438.831	0.672	1438.495	D 40
E 2	68.039	1495.775	1490.489	0.672	1490.153	E 39
E 3	113.654	1362.814	1357.478	0.672	1357.139	E 38
L 4	158.748	1319.805	1314.469	0.672	1314.124	L 37
N 5	206.762	1282.105	1276.769	1277.102	1276.430	N 36
K 6	249.401	1244.091	1238.751	1239.087	1238.415	K 35
L 7	287.156	1201.393	1196.053	1196.389	1195.717	L 34
L 8	324.869	1163.699	1158.363	1158.004	1158.022	L 33
G 9	343.357	1126.003	1120.664	1121.000	1120.329	G 32
K 10	395.899	1106.996	1101.656	1101.992	1101.321	K 31
V 11	438.402	1054.954	1049.614	1049.950	1049.278	V 30
T 12	482.605	1021.931	1016.592	1016.928	1016.259	T 29
L 13	500.299	988.249	982.909	983.245	982.573	L 28
A 14	523.979	956.554	945.214	945.550	944.879	A 27
Q 15	566.605	926.875	921.535	921.871	921.199	Q 26
G 16	585.672	884.189	878.849	879.185	878.513	G 25
G 17	604.679	865.182	859.842	860.178	859.506	G 24
V 18	637.702	846.174	840.835	841.171	840.499	V 23
L 19	678.307	813.152	807.812	808.148	807.476	L 22
F 20	707.747	775.821	770.481	770.817	770.145	F 21
N 21	748.762	743.106	737.766	738.102	737.430	N 20
I 22	781.456	705.002	699.662	700.000	699.414	I 19
Q 23	826.143	667.397	662.057	662.393	661.721	Q 18
A 24	849.827	634.711	629.371	629.707	629.035	A 17
V 25	882.844	603.035	598.692	599.028	598.356	V 16
L 26	920.539	568.009	562.669	563.005	562.333	L 15
L 27	958.234	530.314	524.975	525.311	524.639	L 14
F 28	990.505	492.620	487.280	487.616	486.944	F 13
K 29	1033.283	460.269	454.929	455.265	454.593	K 12
K 30	1075.981	427.570	422.230	422.567	421.895	K 11
T 31	1109.664	374.872	369.532	369.868	369.196	T 10
E 32	1152.678	341.180	335.840	336.180	335.514	E 9
S 33	1181.689	298.175	292.835	293.172	292.500	S 8
H 34	1227.375	269.185	263.845	264.181	263.489	H 7
H 35	1273.061	223.478	218.138	218.475	217.803	H 6
K 36	1315.768	177.762	172.422	172.762	172.110	K 5
A 37	1339.439	135.094	129.754	130.090	129.414	A 4
K 38	1382.137	111.415	106.075	106.411	105.739	K 3
G 39	1461.144	68.716	63.377	63.713	63.041	G 2
K 40	1443.843	49.709	44.370	44.705	44.034	K 1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=77.02
- ▶ F113281.dat
- ▶ query=q36870.p1
- ▶ precursor=866.900240
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	1083.367	1079.375	0.755	1079.121	D[40]
E[2]	66.281	1054.623	1050.618	0.755	1050.366	E[39]
E[3]	98.542	1022.362	1018.358	0.755	1018.108	E[38]
L[4]	126.813	990.102	986.097	0.755	985.845	L[37]
N[5]	155.324	961.831	957.826	958.078	957.574	N[36]
K[6]	187.347	933.320	929.315	929.567	929.063	K[35]
L[7]	215.818	903.292	897.292	897.544	897.544	L[34]
L[8]	243.889	873.022	869.021	869.273	868.769	L[33]
G[9]	258.145	844.754	840.750	841.002	840.498	G[32]
K[10]	297.176	839.499	826.494	826.746	826.242	K[31]
V[11]	321.944	791.467	787.463	787.715	787.211	V[30]
T[12]	347.205	766.700	762.696	762.947	762.444	T[29]
I[13]	375.476	741.438	737.434	737.686	737.182	I[28]
A[14]	393.236	713.167	709.163	709.415	708.911	A[27]
Q[15]	425.250	695.408	691.403	691.655	691.151	Q[26]
G[16]	439.508	663.391	659.389	659.641	659.137	G[25]
G[17]	453.761	648.138	645.133	645.385	644.881	G[24]
V[18]	478.528	634.883	630.878	631.130	630.626	V[23]
L[19]	506.799	610.110	606.111	606.363	605.859	L[22]
P[20]	533.862	583.844	577.840	578.092	577.588	P[21]
N[21]	559.573	557.582	553.577	553.829	553.325	N[20]
I[22]	587.844	529.671	525.666	525.918	524.814	I[19]
Q[23]	619.859	500.800	496.795	497.047	496.543	Q[18]
A[24]	637.618	468.788	464.780	465.032	464.528	A[17]
V[25]	662.385	451.028	447.021	447.273	446.769	V[16]
L[26]	690.856	428.259	423.254	423.506	422.002	L[15]
L[27]	718.927	397.895	393.883	394.235	393.731	L[14]
P[28]	743.190	368.710	365.712	365.964	365.460	P[13]
K[29]	775.214	345.453	341.440	341.701	341.197	K[12]
K[30]	807.238	313.430	309.425	309.677	309.173	K[11]
T[31]	832.500	281.408	277.401	277.653	277.149	T[10]
E[32]	864.780	256.144	252.139	252.391	251.887	E[9]
S[33]	898.518	223.881	219.879	220.131	219.627	S[8]
H[34]	920.783	202.125	198.121	198.373	197.869	H[7]
H[35]	955.048	167.861	163.856	164.108	163.604	H[6]
K[36]	987.672	133.596	129.591	129.843	129.339	K[5]
A[37]	1004.831	101.572	97.567	97.819	97.315	A[4]
K[38]	1036.855	83.813	79.808	80.060	79.556	K[3]
G[39]	1051.110	53.789	47.784	48.036	47.532	G[2]
K[40]	1083.134	37.534	33.529	33.781	33.277	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK _{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.97
- ▶ F113281.dat
- ▶ query=q36876.p1
- ▶ precursor=866.900490
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	133.061	4330.497	4314.479	0.000	4313.471	D(40)	
E	262.103	4215.470	4199.452	0.000	4198.444	E(36)	
E	391.146	4099.425	4079.409	0.000	4079.401	E(38)	
L	504.230	3957.385	3941.368	0.000	3940.359	L(37)	
N	5	618.273	3844.301	3826.282	3829.290	3827.275	N(36)
K	6	746.368	3730.258	3714.239	3715.247	3713.233	K(35)
L	7	859.452	3602.163	3586.144	3587.152	3585.137	L(34)
L	8	972.536	3469.076	3451.058	3474.066	3472.052	L(33)
G	9	1029.558	3375.955	3359.937	3360.984	3358.950	G(32)
K	10	1185.684	3318.074	3302.055	3303.963	3301.947	K(31)
V	11	1284.752	3162.847	3146.830	3147.836	3145.821	V(30)
T	12	1385.800	3063.779	3047.760	3048.768	3046.752	T(29)
L	13	1486.864	2962.731	2946.713	2947.720	2945.705	L(28)
A	14	1569.921	2849.647	2833.628	2834.636	2832.621	A(27)
Q	15	1667.980	2778.610	2762.591	2763.599	2761.583	Q(26)
G	16	1755.001	2650.552	2634.533	2635.541	2633.525	G(25)
G	17	1812.023	2593.530	2577.511	2578.519	2576.504	G(24)
V	18	1911.091	2536.509	2520.490	2521.498	2519.482	V(23)
L	19	2024.175	2437.440	2421.421	2422.429	2420.414	L(22)
P	20	2121.208	2324.355	2308.337	2309.345	2307.330	P(21)
N	21	2235.271	2227.303	2211.285	2212.292	2210.277	N(20)
I	22	2346.355	2111.260	2095.242	2096.250	2094.234	I(19)
Q	23	2476.413	2000.176	1984.158	1985.165	1983.150	Q(18)
A	24	2547.450	1872.118	1856.099	1857.107	1855.091	A(17)
V	25	2648.519	1804.081	1788.062	1789.070	1787.054	V(16)
L	26	2759.603	1702.012	1685.994	1687.001	1684.985	L(15)
L	27	2872.687	1608.928	1592.909	1573.917	1571.901	L(14)
P	28	2969.740	1475.844	1459.825	1460.833	1458.818	P(13)
K	29	3097.815	1378.791	1362.773	1363.780	1361.765	K(12)
K	30	3225.930	1250.696	1234.678	1235.686	1233.670	K(11)
T	31	3328.977	1122.601	1106.583	1107.591	1105.575	T(10)
E	32	3456.020	1021.554	1005.535	1006.543	1004.527	E(9)
S	33	3543.052	892.511	876.492	877.500	875.485	S(8)
H	34	3680.111	805.479	789.460	790.468	788.453	H(7)
H	35	3817.170	698.420	682.401	683.409	681.394	H(6)
K	36	3945.266	633.361	615.343	616.350	614.335	K(5)
A	37	4016.302	483.265	387.248	388.255	386.240	A(4)
K	38	4144.397	332.229	316.211	317.218	315.203	K(3)
G	39	4261.416	204.134	186.116	189.123	187.106	G(2)
K	40	4320.513	147.113	131.094	132.102	130.086	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.97
- ▶ F113281.dat
- ▶ query=q36876.p1
- ▶ precursor=866.900490
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D 1	67.034	2165.752	2157.743	0.504	2157.239	Q40
E 2	133.955	2158.238	2158.229	0.504	2099.728	E39
E 3	196.077	2043.718	2035.709	0.504	2035.205	E38
L 4	252.619	1976.199	1971.187	0.504	1970.683	L37
N 5	309.640	1922.654	1914.645	1915.149	1914.141	N36
K 6	373.688	1895.633	1887.623	1888.127	1887.119	K35
L 7	430.230	1861.585	1793.576	1794.080	1793.072	L34
L 8	489.772	1745.043	1737.034	1737.538	1736.531	L33
G 9	515.282	1688.501	1680.492	1680.996	1679.989	G32
K10	591.346	1659.990	1651.981	1652.485	1651.477	K31
V11	642.880	1581.627	1573.918	1574.422	1573.414	V30
T12	693.404	1512.303	1524.384	1524.888	1523.880	T29
L13	749.646	1451.899	1473.890	1474.384	1473.386	L28
A14	785.464	1425.327	1417.318	1417.822	1416.814	A27
Q15	849.493	1389.809	1381.799	1382.303	1381.295	Q26
G16	878.004	1325.779	1317.770	1318.274	1317.266	G25
G17	906.515	1297.269	1289.259	1289.763	1288.755	G24
V18	956.049	1268.758	1260.749	1261.252	1260.245	V23
L19	1027.597	1219.244	1211.235	1211.738	1210.730	L22
P20	1061.118	1162.662	1154.653	1155.156	1154.149	P21
N21	1118.139	1114.155	1106.146	1106.650	1105.642	N20
I22	1174.681	1057.134	1049.124	1049.628	1048.621	I19
Q23	1238.710	1000.592	992.582	993.086	992.079	Q18
A24	1274.229	936.563	928.553	929.057	928.049	A17
V25	1323.763	891.044	893.035	894.000	892.531	V16
L26	1380.305	851.510	843.500	844.004	843.000	L15
L27	1438.847	794.968	786.958	787.462	786.454	L14
P28	1485.374	738.426	730.416	730.920	729.912	P13
K29	1549.421	699.899	681.890	682.394	681.386	K12
K30	1613.468	635.852	617.842	618.346	617.339	K11
I31	1663.992	581.804	583.795	584.299	583.291	I10
E32	1728.514	511.281	503.271	503.775	502.767	E9
S33	1772.030	446.759	438.750	439.254	438.246	S8
H34	1840.559	401.243	393.234	393.738	392.730	H7
H35	1909.089	334.714	326.704	327.208	326.200	H6
K36	1973.136	286.184	288.175	288.679	287.671	K5
A37	2008.655	202.139	194.129	194.633	193.625	A4
K38	2072.702	168.618	158.609	159.113	158.105	K3
G39	2101.213	102.571	94.561	95.065	94.057	G2
K40	2165.260	74.060	66.051	66.555	65.547	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=66.97
- ▶ F113281.dat
- ▶ query=q36876.p1
- ▶ precursor=866.900490
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	1	45.025	1444.171	1438.831	0.672	1438.495	D[40]
E	2	68.039	1405.628	1400.489	0.672	1400.153	E[39]
E	3	113.054	1362.874	1357.475	0.672	1357.139	E[38]
L	4	158.748	1319.800	1314.400	0.672	1314.123	L[37]
N	5	206.762	1282.105	1276.706	1277.102	1276.430	N[36]
K	6	249.401	1244.091	1238.751	1239.087	1238.415	K[35]
L	7	287.156	1201.393	1196.053	1196.389	1195.717	L[34]
L	8	324.869	1163.099	1158.358	1158.694	1158.022	L[33]
G	9	343.357	1126.001	1120.600	1121.000	1120.329	G[32]
K	10	395.899	1106.996	1101.596	1101.992	1101.321	K[31]
V	11	438.622	1054.954	1049.614	1049.950	1049.277	V[30]
T	12	482.605	1021.931	1018.592	1018.938	1018.250	T[29]
L	13	500.259	988.249	982.909	983.245	982.573	L[28]
A	14	523.979	956.554	952.214	952.550	951.878	A[27]
Q	15	566.695	926.875	921.535	921.871	921.192	Q[26]
G	16	585.672	884.189	878.849	879.185	878.513	G[25]
G	17	604.679	845.182	859.842	860.178	859.506	G[24]
V	18	637.702	846.174	840.835	841.171	840.497	V[23]
L	19	678.397	813.152	807.812	808.148	807.471	L[22]
P	20	707.747	775.821	770.117	770.853	769.761	P[21]
N	21	745.762	743.106	737.766	738.102	737.430	N[20]
I	22	781.456	705.002	699.152	700.488	699.411	I[19]
Q	23	826.143	667.397	662.057	662.393	661.721	Q[18]
A	24	849.827	634.711	619.371	619.707	619.035	A[17]
V	25	882.844	603.035	596.692	596.928	596.256	V[16]
L	26	920.539	568.009	562.669	563.005	562.333	L[15]
L	27	958.234	530.314	524.975	525.311	524.639	L[14]
P	28	990.505	492.620	487.280	487.616	486.944	P[13]
K	29	1033.283	460.269	454.929	455.265	454.593	K[12]
K	30	1075.981	427.570	412.231	412.567	411.895	K[11]
T	31	1109.664	374.872	369.532	369.868	369.196	T[10]
E	32	1152.678	341.180	335.840	336.186	335.514	E[9]
S	33	1181.689	298.175	292.835	293.172	292.500	S[8]
H	34	1227.375	269.165	263.825	264.161	263.489	H[7]
H	35	1273.061	223.478	218.139	218.475	217.803	H[6]
K	36	1318.760	177.762	172.423	172.768	172.110	K[5]
A	37	1339.439	135.094	129.754	130.090	129.411	A[4]
K	38	1382.137	111.415	106.075	106.411	105.739	K[3]
G	39	1461.144	68.716	63.377	63.713	63.041	G[2]
K	40	1443.843	49.709	44.370	44.705	44.034	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK _{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=66.97
- ▶ F113281.dat
- ▶ query=q36876_p1
- ▶ precursor=866.900490
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	1053.980	1079.375	0.755	1079.123	D[40]
E[2]	66.281	1054.025	1050.618	0.755	1050.366	E[39]
E[3]	98.942	1022.362	1018.358	0.755	1018.106	E[38]
L[4]	126.613	090.102	999.097	0.755	995.945	L[37]
N[5]	155.324	961.831	957.826	958.078	957.574	N[36]
K[6]	187.247	933.320	929.315	929.567	929.063	K[35]
L[7]	215.618	901.296	887.292	897.544	897.540	L[34]
L[8]	243.889	873.025	859.021	859.273	858.769	L[33]
G[9]	258.145	844.754	840.750	841.002	840.498	G[32]
K[10]	297.176	830.499	826.494	826.746	826.242	K[31]
V[11]	321.944	791.467	787.463	787.715	787.211	V[30]
V[12]	347.205	766.700	762.696	762.947	762.444	V[29]
L[13]	375.476	741.438	737.434	737.686	737.182	L[28]
A[14]	393.236	713.187	709.183	709.435	708.931	A[27]
Q[15]	425.250	695.408	691.403	691.655	691.151	Q[26]
G[16]	439.506	663.393	659.389	659.641	659.137	G[25]
G[17]	453.761	649.138	645.133	645.385	644.881	G[24]
V[18]	478.529	634.883	630.878	631.130	630.626	V[23]
L[19]	506.799	610.116	606.111	606.363	605.859	L[22]
F[20]	531.862	581.844	577.840	578.092	577.588	F[21]
N[21]	559.573	557.587	553.577	553.829	553.325	N[20]
I[22]	587.844	529.071	525.066	525.318	524.814	I[19]
Q[23]	619.859	500.800	496.795	497.047	496.543	Q[18]
A[24]	637.618	468.785	464.780	465.032	464.528	A[17]
V[25]	662.385	451.020	447.021	447.273	446.769	V[16]
L[26]	690.656	426.250	422.254	422.506	422.002	L[15]
L[27]	718.927	397.980	393.983	394.235	393.731	L[14]
P[28]	743.190	369.710	365.712	365.964	365.460	P[13]
K[29]	775.214	345.453	341.449	341.701	341.197	K[12]
K[30]	807.238	313.430	309.425	309.677	309.173	K[11]
T[31]	832.500	281.406	277.401	277.653	277.149	T[10]
E[32]	864.760	256.144	252.139	252.391	251.887	E[9]
S[33]	896.518	223.883	219.879	220.131	219.627	S[8]
H[34]	920.783	202.125	198.121	198.373	197.869	H[7]
H[35]	955.048	167.863	163.856	164.108	163.604	H[6]
K[36]	987.072	133.596	129.591	129.843	129.339	K[5]
A[37]	1004.831	101.572	97.567	97.819	97.315	A[4]
K[38]	1036.855	83.813	79.808	80.060	79.556	K[3]
G[39]	1051.110	51.789	47.784	48.036	47.532	G[2]
K[40]	1083.134	37.534	33.529	33.781	33.277	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Dimethyl} 28.03 LLGKVITIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.67
- ▶ F113281.dat
- ▶ query=q36877_p1
- ▶ precursor=619.502510
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	1	1317661	4330.497	4314.479	0.000	4313.477	D[40]
E	2	262.103	4215.476	4199.452	0.000	4198.444	E[39]
E	3	391.146	4088.428	4070.420	0.000	4059.401	E[38]
L	4	504.230	3957.385	3941.366	0.000	3940.359	L[37]
N	5	618.273	3844.301	3828.282	3820.290	3817.275	N[36]
K	6	774.399	3730.258	3714.239	3715.247	3713.232	K[35]
L	7	887.483	3574.132	3558.113	3559.121	3557.105	L[34]
L	8	1030.597	3493.058	3445.029	3446.037	3444.021	L[33]
G	9	1057.589	3347.964	3331.945	3332.953	3330.937	G[32]
K	10	1185.684	3200.942	3274.924	3275.931	3273.916	K[31]
V	11	1284.752	3102.847	3146.829	3147.836	3145.821	V[30]
T	12	1385.800	3063.779	3047.760	3048.768	3046.752	T[29]
L	13	1498.884	2962.731	2946.713	2947.720	2945.705	L[28]
A	14	1589.921	2849.647	2833.628	2834.636	2832.621	A[27]
Q	15	1697.980	2778.610	2762.591	2763.599	2761.584	Q[26]
G	16	1755.001	2650.552	2634.533	2635.541	2633.525	G[25]
G	17	1812.023	2503.530	2577.511	2578.519	2576.504	G[24]
V	18	1911.091	2536.509	2520.490	2521.498	2519.483	V[23]
L	19	2024.175	2431.440	2421.421	2422.429	2420.413	L[22]
P	20	2111.228	2324.356	2308.337	2309.345	2307.330	P[21]
N	21	2235.271	2227.303	2211.284	2212.292	2210.277	N[20]
I	22	2348.355	2113.260	2097.242	2098.250	2096.234	I[19]
Q	23	2476.413	2000.176	1984.158	1985.165	1983.150	Q[18]
A	24	2547.450	1872.118	1856.099	1857.107	1855.091	A[17]
V	25	2646.519	1803.081	1785.062	1786.070	1784.054	V[16]
L	26	2759.603	1702.012	1685.994	1687.001	1684.985	L[15]
L	27	2872.687	1588.928	1572.909	1573.917	1571.902	L[14]
F	28	2069.740	1475.844	1459.825	1460.833	1458.818	F[13]
K	29	3097.835	1378.791	1362.773	1363.780	1361.765	K[12]
K	30	3225.930	1250.696	1234.678	1235.685	1233.670	K[11]
I	31	3358.977	1122.601	1106.583	1107.591	1105.575	I[10]
E	32	3456.020	1071.554	1005.535	1006.543	1004.527	E[9]
S	33	3543.052	892.511	876.492	877.500	875.485	S[8]
H	34	3680.111	805.479	789.460	790.468	788.453	H[7]
H	35	3817.170	698.420	652.401	653.409	651.394	H[6]
K	36	3945.205	531.361	515.343	516.350	514.335	K[5]
A	37	4019.202	413.306	387.248	388.256	386.240	A[4]
K	38	4144.397	332.229	316.211	317.218	315.203	K[3]
G	39	4201.418	204.134	188.116	189.123	187.108	G[2]
K	40	4329.513	147.113	133.094	132.102	130.089	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK^{Dimethyl}_{28.03} LLGKVITIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.67
- ▶ F113281.dat
- ▶ query=q36877_p1
- ▶ precursor=619.502510
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D	1	87.034	2165.752	2157.743	0.504	2157.239 [D40]
E	2	131.555	2108.239	2100.229	0.504	2099.726 [E39]
E	3	188.077	2043.718	2035.708	0.504	2035.201 [E38]
L	4	252.619	1979.196	1971.187	0.504	1970.683 [L37]
N	5	309.640	1922.654	1914.645	1915.140	1914.141 [N36]
K	6	387.703	1895.633	1887.623	1858.127	1867.119 [K35]
L	7	444.245	1787.570	1779.560	1780.064	1779.050 [L34]
L	8	500.767	1731.028	1723.018	1723.522	1722.514 [L33]
G	9	558.288	1674.486	1666.476	1666.980	1665.972 [G32]
K	10	593.346	1645.975	1637.965	1638.469	1637.462 [K31]
V	11	642.880	1581.927	1573.918	1574.422	1573.414 [V30]
T	12	693.404	1532.393	1524.384	1524.888	1523.880 [T29]
L	13	749.946	1481.899	1473.889	1474.394	1473.386 [L28]
A	14	785.464	1428.327	1420.317	1417.822	1416.814 [A27]
Q	15	849.493	1389.805	1381.795	1382.303	1381.295 [Q26]
G	16	878.004	1325.779	1317.770	1318.274	1317.266 [G25]
G	17	906.515	1297.266	1289.256	1289.763	1288.755 [G24]
V	18	956.049	1268.758	1260.749	1261.252	1260.245 [V23]
L	19	1012.594	1217.224	1211.214	1211.718	1210.710 [L22]
F	20	1081.118	1162.682	1154.672	1155.176	1154.168 [F21]
N	21	1118.139	1114.155	1106.146	1106.650	1105.642 [N20]
I	22	1174.681	1057.134	1049.124	1049.628	1048.621 [I20]
Q	23	1238.710	1000.592	992.582	993.086	992.079 [Q18]
A	24	1274.229	936.563	928.553	929.057	928.049 [A17]
V	25	1313.743	893.044	893.035	893.539	892.531 [V16]
L	26	1380.305	851.510	843.500	844.004	843.000 [L15]
L	27	1438.847	794.968	786.958	787.462	786.454 [L14]
F	28	1465.374	738.426	730.416	730.920	729.912 [F13]
K	29	1549.421	689.899	681.890	682.394	681.386 [K12]
K	30	1613.959	625.852	617.842	618.346	617.338 [K11]
T	31	1663.992	561.834	553.795	554.299	553.291 [T10]
E	32	1728.514	511.261	503.271	503.775	502.767 [E9]
S	33	1772.030	446.739	438.750	439.254	438.246 [S8]
H	34	1840.559	403.243	395.234	395.738	394.730 [H7]
H	35	1899.089	334.714	326.704	327.208	326.200 [H6]
K	36	1973.136	266.184	258.173	258.678	257.671 [K5]
A	37	2058.655	202.137	194.127	194.631	193.624 [A4]
K	38	2072.702	166.618	158.609	159.113	158.105 [K3]
G	39	2101.211	102.571	94.561	95.065	94.057 [G2]
K	40	2165.260	74.060	66.051	66.555	65.547 [K1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK^{Dimethyl}_{28.03} LLGKVIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=34.67
- ▶ F113281.dat
- ▶ query=q36877_p1
- ▶ precursor=619.502510
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	85.025	1444.171	1438.831	0.672	1438.466	D[40]
E[2]	88.038	1425.238	1440.480	0.672	1440.151	E[39]
E[3]	131.054	1302.014	1307.470	0.672	1307.139	E[38]
L[4]	168.748	1319.800	1314.460	0.672	1314.124	L[37]
N[5]	206.762	1282.105	1278.760	1.277	1276.430	N[36]
K[6]	258.805	1244.091	1238.751	1239.087	1238.415	K[35]
L[7]	296.499	1192.049	1188.700	1187.045	1186.373	L[34]
L[8]	334.194	1154.354	1149.015	1149.381	1148.693	L[33]
G[9]	353.201	1118.059	1111.520	1111.056	1110.984	G[32]
K[10]	395.899	1097.052	1092.311	1092.649	1091.977	K[31]
V[11]	428.922	1054.954	1049.614	1049.950	1049.270	V[30]
T[12]	462.605	1021.931	1016.592	1016.928	1016.250	T[29]
L[13]	500.299	988.249	982.909	983.245	982.573	L[28]
A[14]	523.979	950.554	945.214	945.550	944.878	A[27]
Q[15]	566.565	926.975	921.535	921.871	921.199	Q[26]
G[16]	585.672	884.189	878.849	879.185	878.513	G[25]
G[17]	604.679	805.182	800.842	801.178	800.500	G[24]
V[18]	637.702	846.174	840.835	841.171	840.499	V[23]
L[19]	675.297	813.157	807.812	808.148	807.476	L[22]
P[20]	707.147	775.457	770.117	770.453	769.781	P[21]
N[21]	745.762	743.105	737.766	738.102	737.430	N[20]
I[22]	783.456	705.902	699.752	700.088	699.414	I[19]
Q[23]	826.143	697.397	662.057	662.393	661.721	Q[18]
A[24]	849.822	624.711	619.371	619.707	619.035	A[17]
V[25]	882.844	601.032	595.692	596.028	595.356	V[16]
L[26]	925.539	568.009	562.669	561.005	562.331	L[15]
L[27]	958.234	530.314	524.975	525.311	524.639	L[14]
P[28]	990.585	492.620	487.280	487.616	486.944	P[13]
K[29]	1033.283	460.209	454.929	455.205	454.503	K[12]
K[30]	1075.981	417.570	412.231	412.567	411.895	K[11]
I[31]	1109.664	474.872	369.532	369.868	369.196	I[10]
E[32]	1152.678	341.180	335.850	336.186	335.514	E[9]
S[33]	1181.689	298.175	292.836	293.172	292.500	S[8]
H[34]	1227.375	269.165	263.825	264.161	263.489	H[7]
H[35]	1273.061	223.478	218.139	218.475	217.803	H[6]
K[36]	1315.760	177.792	172.452	172.788	172.116	K[5]
A[37]	1333.439	135.084	129.794	130.090	129.418	A[4]
K[38]	1382.137	111.435	106.075	106.411	105.739	K[3]
G[39]	1401.144	68.716	63.377	63.713	63.041	G[2]
K[40]	1443.843	49.709	44.370	44.705	44.034	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=34.67
- ▶ F113281.dat
- ▶ query=q36877.p1
- ▶ precursor=619.502510
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	1083.560	1079.375	0.755	1079.171	D[60]
E[2]	66.281	1054.623	1050.618	0.755	1050.366	E[39]
E[3]	98.542	1022.362	1018.358	0.755	1018.106	E[38]
L[4]	126.813	990.102	986.097	0.755	985.845	L[37]
R[5]	155.324	961.831	957.826	958.078	957.574	R[36]
K[6]	184.355	933.320	929.315	929.567	929.063	K[35]
L[7]	222.236	894.268	890.264	890.526	890.121	L[34]
L[8]	250.897	866.017	862.011	862.265	861.761	L[33]
G[9]	265.153	837.746	833.742	833.994	833.490	G[32]
K[10]	297.476	823.491	819.486	819.738	819.234	K[31]
V[11]	321.944	791.667	787.463	787.715	787.211	V[30]
T[12]	347.205	766.700	762.696	762.947	762.444	T[29]
I[13]	375.476	741.438	737.434	737.686	737.182	I[28]
A[14]	393.738	713.169	709.163	709.415	708.911	A[27]
Q[15]	425.250	695.408	691.403	691.655	691.151	Q[26]
Q[16]	439.506	663.393	659.389	659.641	659.137	Q[25]
G[17]	453.761	640.139	645.133	645.385	644.881	G[24]
V[18]	478.528	614.893	630.878	631.130	630.626	V[23]
L[19]	506.799	610.116	606.111	606.363	605.859	L[22]
P[20]	533.662	581.844	577.840	578.092	577.588	P[21]
N[21]	559.573	557.584	553.577	553.829	553.325	N[20]
I[22]	587.944	529.071	525.066	525.318	524.814	I[19]
Q[23]	619.859	500.800	496.795	497.047	496.543	Q[18]
A[24]	637.618	468.785	464.780	465.032	464.528	A[17]
V[25]	662.385	451.026	447.021	447.273	446.769	V[16]
L[26]	690.856	428.259	424.254	424.506	424.002	L[15]
L[27]	718.927	397.685	393.683	394.235	393.731	L[14]
P[28]	743.190	369.716	365.712	365.964	365.460	P[13]
K[29]	775.214	345.453	341.449	341.701	341.197	K[12]
K[30]	807.238	313.430	309.425	309.677	309.173	K[11]
T[31]	832.500	281.406	277.401	277.653	277.149	T[10]
E[32]	854.769	250.144	246.139	246.391	245.887	E[9]
S[13]	886.518	223.883	219.879	220.131	219.627	S[8]
H[34]	920.783	202.125	198.121	198.373	197.869	H[7]
H[35]	955.048	167.861	163.856	164.108	163.604	H[6]
K[36]	987.872	133.596	129.591	129.843	129.339	K[5]
A[37]	1004.831	101.572	97.567	97.819	97.315	A[4]
K[38]	1036.855	83.813	79.808	80.060	79.556	K[3]
G[39]	1051.110	51.789	47.784	48.036	47.532	G[2]
K[40]	1083.134	37.534	33.529	33.781	33.277	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=34.67
- ▶ F113281.dat
- ▶ query=q36877_p1
- ▶ precursor=619.502510
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	27.418	866.905	863.702	0.806	863.500	D[40]
E[2]	53.226	843.900	840.696	0.806	840.495	E[39]
E[3]	79.035	818.093	814.888	0.806	814.686	E[38]
L[4]	101.052	792.281	789.079	0.806	788.878	L[37]
N[5]	124.460	769.666	766.462	766.664	766.261	N[36]
K[6]	156.680	746.857	743.654	743.855	743.452	K[35]
L[7]	178.302	715.632	712.428	712.630	712.227	L[34]
L[8]	200.919	691.015	688.812	689.013	689.610	L[33]
G[9]	212.324	670.399	667.195	667.396	666.993	G[32]
K[10]	237.943	658.994	655.791	655.992	655.589	K[31]
V[11]	257.756	633.375	630.172	630.373	629.970	V[30]
V[12]	277.966	613.562	610.358	610.559	610.156	V[29]
I[13]	300.583	593.352	590.148	590.350	589.947	I[28]
A[14]	314.790	570.735	567.532	567.733	567.330	A[27]
Q[15]	340.402	556.528	553.324	553.526	553.123	Q[26]
G[16]	351.806	530.916	527.712	527.914	527.511	G[25]
G[17]	363.210	519.512	516.308	516.510	516.107	G[24]
V[18]	383.024	508.108	504.904	505.105	504.702	V[23]
L[19]	405.641	488.294	485.090	485.292	484.889	L[22]
P[20]	425.051	465.677	462.473	462.675	462.272	P[21]
N[21]	447.860	446.266	443.063	443.264	442.861	N[20]
L[22]	470.477	423.458	420.254	420.456	420.053	L[19]
Q[23]	496.088	400.841	397.637	397.839	397.436	Q[18]
A[24]	510.296	375.226	372.022	372.223	371.824	A[17]
V[25]	530.110	361.022	357.818	358.020	357.617	V[16]
L[26]	552.726	341.208	338.005	338.206	337.803	L[15]
L[27]	575.343	318.591	315.388	315.589	315.186	L[14]
P[28]	594.754	295.975	292.771	292.972	292.569	P[13]
K[29]	630.373	276.564	273.360	273.562	273.159	K[12]
K[30]	645.992	250.945	247.741	247.943	247.540	K[11]
V[31]	669.201	229.326	226.122	226.324	225.921	V[10]
E[32]	692.010	205.117	201.913	202.114	201.711	E[9]
S[33]	709.416	179.308	176.104	176.306	175.903	S[8]
H[34]	736.828	161.902	158.698	158.899	158.496	H[7]
H[35]	764.240	134.490	131.286	131.488	131.085	H[6]
K[36]	789.859	107.078	103.874	104.076	103.673	K[5]
A[37]	804.066	81.459	78.255	78.457	78.054	A[4]
K[38]	829.685	67.252	64.048	64.249	63.846	K[3]
G[39]	841.089	41.633	38.429	38.630	38.227	G[2]
K[40]	869.708	30.228	27.023	27.226	26.823	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNK ^{Dimethyl}_{28.03} LLGKVTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=34.67
- ▶ F113281.dat
- ▶ query=q36877_p1
- ▶ precursor=619.502510
- ▶ chargePrecursor=7
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
D	1	23.016	722.589	719.919	0.839	719.751	D	40
E	2	44.523	593.418	700.740	0.839	700.580	E	39
E	3	68.030	681.911	679.247	0.839	679.073	E	38
L	4	94.378	660.404	657.734	0.839	657.566	L	37
N	5	103.885	641.550	638.886	0.839	638.718	N	36
K	6	129.906	622.949	619.879	0.839	619.711	K	35
L	7	148.753	596.528	593.858	594.026	593.690	L	34
L	8	167.601	577.681	575.011	575.179	574.843	L	33
G	9	177.104	558.833	556.164	556.332	555.996	G	32
K	10	198.453	549.130	546.660	546.828	546.492	K	31
V	11	214.965	527.981	525.311	525.479	525.143	V	30
I	12	233.806	511.469	508.799	508.967	508.631	I	29
I	13	250.053	494.620	491.950	492.126	491.790	I	28
A	14	262.493	475.781	473.111	473.279	472.943	A	27
Q	15	283.836	463.941	461.271	461.439	461.103	Q	26
G	16	293.340	442.598	439.928	440.096	439.760	G	25
G	17	302.843	433.094	430.425	430.593	430.257	G	24
V	18	319.355	423.591	420.921	421.089	420.753	V	23
L	19	338.202	407.079	404.410	404.578	404.242	L	22
P	20	354.377	388.232	385.562	385.730	385.394	P	21
N	21	373.385	372.091	369.387	369.555	369.219	N	20
L	22	392.232	353.049	350.360	350.548	350.212	L	19
Q	23	413.575	334.202	331.532	331.700	331.364	Q	18
A	24	435.414	312.858	310.189	310.357	310.021	A	17
V	25	441.926	301.020	298.350	298.518	298.182	V	16
L	26	460.773	284.508	281.838	282.006	281.670	L	15
L	27	479.621	265.661	262.991	263.159	262.823	L	14
P	28	495.796	246.813	244.144	244.312	243.976	P	13
K	29	517.145	230.638	227.968	228.136	227.800	K	12
K	30	538.494	209.289	206.619	206.787	206.451	K	11
I	31	555.236	187.940	185.270	185.438	185.102	I	10
L	32	576.843	171.059	168.429	168.597	168.261	E	9
S	33	591.348	149.591	146.921	147.089	146.753	S	8
H	34	614.191	135.086	132.416	132.584	132.248	H	7
H	35	637.034	112.243	109.573	109.741	109.405	H	6
K	36	658.384	89.400	86.730	86.898	86.562	K	5
A	37	670.223	68.050	65.381	65.549	65.213	A	4
K	38	691.572	56.211	53.541	53.709	53.373	K	3
G	39	701.076	34.862	32.192	32.360	32.024	G	2
K	40	722.425	25.358	22.688	22.856	22.520	K	1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.62
- ▶ F113281.dat
- ▶ query=q36882.p1
- ▶ precursor=866.900870
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	133.084	4330.497	4314.479	0.000	4313.471	D[40]	
E	282.103	4215.470	4199.452	0.000	4198.444	E[30]	
E	391.146	4086.428	4070.409	0.000	4069.401	E[38]	
L	504.230	3957.385	3941.366	0.000	3940.359	L[37]	
N	5	618.273	3844.301	3828.282	3829.290	3827.275	N[30]
K	6	746.368	3730.259	3714.239	3715.247	3713.231	K[35]
L	7	854.357	3602.163	3586.144	3587.152	3585.131	L[34]
L	8	972.536	3489.079	3473.060	3474.068	3472.051	L[33]
G	9	1029.558	3375.995	3359.976	3360.984	3358.969	G[32]
K	10	1185.684	3318.974	3302.955	3303.963	3301.947	K[31]
V	11	1284.752	3162.847	3146.829	3147.836	3145.821	V[30]
T	12	1385.800	3063.779	3047.760	3048.768	3046.752	T[29]
I	13	1498.884	2982.731	2966.713	2967.720	2965.705	I[28]
A	14	1569.921	2894.641	2878.623	2879.630	2877.614	A[27]
Q	15	1697.980	2778.610	2762.591	2763.599	2761.584	Q[26]
G	16	1755.001	2650.562	2634.543	2635.541	2633.525	G[25]
G	17	1812.023	2593.530	2577.511	2578.519	2576.504	G[24]
V	18	1911.091	2536.509	2520.490	2521.498	2519.482	V[23]
L	19	2024.175	2437.440	2421.421	2422.429	2420.414	L[22]
T	20	2112.228	2324.356	2308.337	2309.345	2307.330	T[21]
N	21	2235.271	2227.303	2211.285	2212.292	2210.277	N[20]
I	22	2348.355	2113.260	2097.242	2098.250	2096.234	I[19]
Q	23	2476.413	2000.176	1984.158	1985.165	1983.150	Q[18]
A	24	2547.450	1872.118	1856.099	1857.107	1855.091	A[17]
V	25	2646.519	1801.081	1785.062	1786.070	1784.054	V[16]
L	26	2759.603	1702.012	1686.004	1687.001	1684.989	L[15]
L	27	2872.687	1598.935	1572.909	1573.917	1571.902	L[14]
P	28	2969.740	1475.844	1459.825	1460.833	1458.818	P[13]
K	29	3097.835	1378.791	1362.773	1363.780	1361.765	K[12]
K	30	3225.930	1250.695	1234.678	1235.685	1233.670	K[11]
T	31	3326.977	1122.601	1106.583	1107.591	1105.575	T[10]
E	32	3459.030	1011.554	1005.535	1006.543	1004.527	E[9]
S	33	3543.052	892.511	876.492	877.500	875.485	S[8]
H	34	3680.111	805.479	789.460	790.468	788.451	H[7]
H	35	3817.170	668.420	652.401	653.409	651.394	H[6]
K	36	3945.205	531.301	515.283	516.350	514.335	K[5]
A	37	4016.302	403.266	387.248	388.255	386.240	A[4]
K	38	4144.397	332.229	316.211	317.219	315.203	K[3]
G	39	4201.418	204.134	188.116	189.123	187.107	G[2]
K	40	4329.513	147.113	131.094	132.102	130.086	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.62
- ▶ F113281.dat
- ▶ query=q36882.p1
- ▶ precursor=866.900870
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	67.034	2165.752	2157.743	0.504	2157.239	Q40
E12	111.935	2158.238	2150.229	0.504	2099.728	E39
E13	196.077	2043.718	2035.709	0.504	2035.205	E38
L14	252.619	1976.190	1971.187	0.504	1970.683	L37
N15	309.640	1922.654	1914.645	1915.149	1914.141	N36
K16	373.688	1895.633	1857.623	1858.127	1857.119	K35
L17	430.230	1861.585	1795.576	1794.080	1793.072	L34
L18	486.772	1745.043	1737.034	1737.536	1736.533	L33
G19	515.262	1688.561	1680.552	1680.996	1679.989	G32
K10	593.346	1659.990	1651.981	1652.485	1651.477	K31
V11	642.880	1581.627	1573.618	1574.422	1573.414	V30
T12	693.404	1532.303	1524.384	1524.888	1523.880	T29
L13	749.946	1451.889	1473.880	1474.384	1473.386	L28
A14	788.464	1425.327	1417.318	1417.822	1416.814	A27
Q15	849.493	1389.809	1381.799	1382.303	1381.295	Q26
G16	878.004	1325.779	1317.770	1318.274	1317.266	G25
G17	906.515	1267.269	1269.259	1269.763	1268.755	G24
V18	956.049	1268.758	1260.749	1261.252	1260.245	V23
L19	1023.291	1219.224	1211.214	1211.718	1210.710	L22
P20	1061.118	1162.662	1154.653	1155.156	1154.160	P21
N21	1118.139	1114.155	1106.146	1106.650	1105.642	N20
I22	1174.681	1057.134	1049.124	1049.628	1048.621	I19
Q23	1238.710	1000.592	992.582	993.086	992.079	Q18
A24	1274.229	936.563	928.553	929.057	928.049	A17
V25	1323.763	893.044	893.035	893.539	892.531	V16
L26	1369.305	851.510	843.500	844.004	843.000	L15
L27	1436.847	794.968	786.958	787.462	786.454	L14
P28	1485.374	738.426	730.416	730.920	729.912	P13
K29	1549.421	699.899	681.890	682.394	681.386	K12
K30	1613.468	635.852	617.842	618.346	617.339	K11
I31	1663.992	581.804	573.795	574.299	573.291	I10
E32	1728.514	511.281	503.271	503.775	502.767	E9
S33	1772.030	446.759	438.750	439.254	438.246	S18
H34	1840.559	403.243	395.234	395.738	394.730	H17
H35	1909.089	334.714	326.704	327.208	326.200	H16
K36	1973.136	266.184	258.175	258.679	257.671	K5
A37	2048.655	202.139	194.129	194.633	193.625	A4
K38	2072.702	168.618	158.609	159.113	158.105	K3
G39	2101.213	102.571	94.561	95.065	94.057	G2
K40	2165.260	74.060	66.051	66.555	65.547	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.62
- ▶ F113281.dat
- ▶ query=q36882.p1
- ▶ precursor=866.900870
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	1	45.025	1444.171	1438.831	0.672	1438.495	D[40]
E	2	88.039	1405.628	1400.489	0.672	1400.153	E[39]
E	3	131.054	1362.814	1357.475	0.672	1357.139	E[38]
L	4	188.748	1319.800	1314.460	0.672	1314.124	L[37]
N	5	206.762	1282.105	1276.766	1277.102	1276.430	N[36]
K	6	249.401	1244.091	1238.751	1239.087	1238.415	K[35]
L	7	287.156	1201.393	1196.053	1196.389	1195.717	L[34]
L	8	324.860	1163.099	1158.388	1158.694	1158.022	L[33]
G	9	343.357	1128.003	1123.664	1121.000	1120.329	G[32]
K	10	395.899	1106.996	1101.656	1101.992	1101.321	K[31]
V	11	438.922	1054.954	1049.614	1049.950	1049.278	V[30]
T	12	482.605	1021.931	1018.592	1016.928	1016.250	T[29]
L	13	500.299	988.249	982.909	983.245	982.573	L[28]
A	14	523.979	950.554	945.214	945.550	944.878	A[27]
Q	15	566.695	920.975	921.535	921.871	921.192	Q[26]
G	16	585.672	884.189	878.849	879.185	878.513	G[25]
G	17	604.679	865.182	859.842	860.178	859.500	G[24]
V	18	637.702	846.174	840.835	841.171	840.499	V[23]
L	19	678.397	813.152	807.812	808.148	807.476	L[22]
P	20	707.747	775.821	770.481	770.817	769.761	P[21]
N	21	748.762	743.106	737.766	738.102	737.430	N[20]
I	22	781.496	705.002	699.662	700.000	699.411	I[19]
Q	23	826.143	667.397	662.057	662.393	661.721	Q[18]
A	24	848.822	634.711	629.371	629.707	629.035	A[17]
V	25	882.844	603.035	598.695	599.030	598.359	V[16]
L	26	920.539	568.009	562.669	563.005	562.333	L[15]
L	27	958.234	530.314	524.975	525.311	524.639	L[14]
P	28	990.505	492.620	487.280	487.616	486.944	P[13]
K	29	1033.283	460.289	454.929	455.265	454.593	K[12]
K	30	1078.908	427.570	422.231	422.567	421.895	K[11]
T	31	1109.664	374.872	369.532	369.868	369.190	T[10]
E	32	1152.678	341.180	335.840	336.186	335.514	E[9]
S	33	1181.689	298.175	292.835	293.172	292.500	S[8]
H	34	1227.375	269.185	263.825	264.161	263.489	H[7]
H	35	1273.061	223.478	218.139	218.475	217.803	H[6]
K	36	1313.980	177.762	172.423	172.768	172.110	K[5]
A	37	1339.439	135.094	129.754	130.090	129.411	A[4]
K	38	1382.137	111.415	106.075	106.411	105.739	K[3]
G	39	1461.144	68.716	63.377	63.713	63.041	G[2]
K	40	1443.643	49.709	44.370	44.705	44.034	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

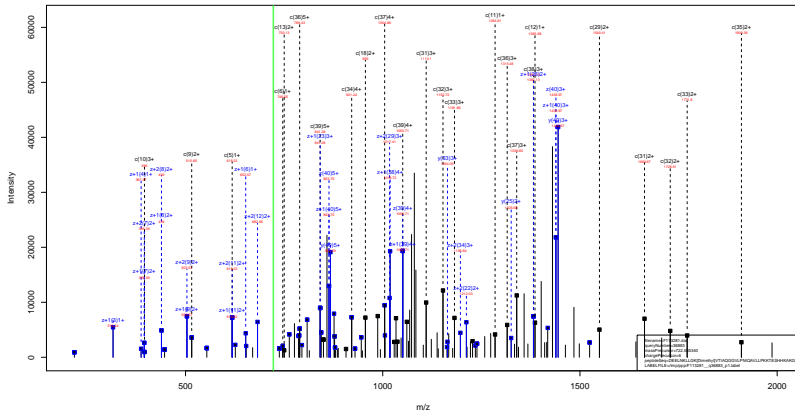
DEELNKLKLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=49.62
- ▶ F113281.dat
- ▶ query=q36882.p1
- ▶ precursor=866.900870
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	1053.980	1079.375	0.755	1079.123	D[40]
E[2]	66.281	1054.025	1050.618	0.755	1050.956	E[39]
E[3]	98.942	1022.362	1018.358	0.755	1018.106	E[38]
L[4]	126.613	090.102	969.097	0.755	965.945	L[37]
N[5]	155.324	961.831	957.826	958.078	957.574	N[36]
K[6]	187.247	933.320	929.215	929.567	929.063	K[35]
L[7]	215.618	901.296	897.292	897.544	897.040	L[34]
L[8]	243.889	873.025	859.021	859.273	858.769	L[33]
G[9]	258.145	844.754	840.750	841.002	840.498	G[32]
K[10]	297.176	830.499	826.494	826.746	826.242	K[31]
V[11]	321.944	791.467	787.463	787.715	787.211	V[30]
V[12]	347.205	766.700	762.696	762.947	762.444	V[29]
I[13]	375.476	741.438	737.434	737.686	737.182	I[28]
A[14]	393.236	713.187	709.183	709.435	708.931	A[27]
Q[15]	425.250	695.408	691.403	691.655	691.151	Q[26]
G[16]	439.506	663.393	659.389	659.641	659.137	G[25]
G[17]	453.761	649.138	645.133	645.385	644.881	G[24]
V[18]	478.529	634.883	630.878	631.130	630.626	V[23]
L[19]	506.799	610.116	606.111	606.363	605.859	L[22]
F[20]	531.862	581.844	577.840	578.092	577.588	F[21]
N[21]	559.573	557.587	553.577	553.829	553.325	N[20]
I[22]	587.844	529.071	525.066	525.318	524.814	I[19]
Q[23]	619.859	500.800	496.795	497.047	496.543	Q[18]
A[24]	637.618	468.785	464.780	465.032	464.528	A[17]
V[25]	662.385	451.020	447.021	447.273	446.769	V[16]
L[26]	690.656	426.250	422.254	422.506	422.002	L[15]
L[27]	718.927	397.980	393.983	394.235	393.731	L[14]
P[28]	743.190	369.710	365.712	365.964	365.460	P[13]
K[29]	775.214	345.453	341.449	341.701	341.197	K[12]
K[30]	807.238	313.430	309.425	309.677	309.173	K[11]
T[31]	832.500	281.406	277.401	277.653	277.149	T[10]
E[32]	864.760	256.144	252.139	252.391	251.887	E[9]
S[33]	896.518	223.883	219.879	220.131	219.627	S[8]
H[34]	920.783	202.125	198.121	198.373	197.869	H[7]
H[35]	955.048	167.863	163.856	164.108	163.604	H[6]
K[36]	987.072	133.596	129.591	129.843	129.339	K[5]
A[37]	1004.831	101.572	97.567	97.819	97.315	A[4]
K[38]	1036.855	83.813	79.808	80.060	79.556	K[3]
G[39]	1051.110	51.789	47.784	48.036	47.532	G[2]
K[40]	1083.134	37.534	33.529	33.781	33.277	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} VTIAQGGVLPNIQAVLLPKKTESHKAKGK
28.03



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.65
- ▶ F113281.dat
- ▶ query=q36883.p1
- ▶ precursor=722.585340
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	133.084	4330.497	4314.479	0.000	4313.471	D[40]	
E	282.103	4215.470	4199.452	0.000	4198.444	E[30]	
E	391.146	4086.428	4070.409	0.000	4069.401	E[38]	
L	504.230	3957.385	3941.366	0.000	3940.359	L[37]	
N	5	618.273	3844.301	3828.282	3829.290	3827.275	N[30]
K	6	746.368	3730.259	3714.239	3715.247	3713.231	K[35]
L	7	859.452	3602.163	3586.144	3587.152	3585.131	L[34]
L	8	974.536	3469.079	3453.060	3454.068	3452.051	L[33]
G	9	1029.558	3375.095	3359.076	3360.084	3358.069	G[32]
K	10	1185.684	3318.974	3302.955	3303.963	3301.947	K[31]
V	11	1284.752	3102.847	3146.829	3147.836	3145.821	V[30]
V	12	1385.800	3063.779	3047.760	3048.768	3046.752	V[29]
I	13	1498.884	2982.731	2946.713	2947.720	2945.705	I[28]
A	14	1569.921	2949.641	2933.623	2934.630	2932.614	A[27]
Q	15	1697.980	2778.610	2762.591	2763.599	2761.584	Q[26]
G	16	1755.001	2650.562	2634.543	2635.541	2633.525	G[25]
G	17	1812.023	2593.530	2577.511	2578.519	2576.504	G[24]
V	18	1911.091	2536.509	2520.490	2521.498	2519.482	V[23]
L	19	2024.175	2437.440	2421.421	2422.429	2420.414	L[22]
F	20	2117.238	2324.395	2308.377	2309.385	2307.370	F[21]
N	21	2235.271	2227.363	2211.345	2212.352	2210.337	N[20]
I	22	2348.355	2113.300	2097.282	2098.290	2096.274	I[19]
Q	23	2476.413	2000.176	1984.158	1985.165	1983.150	Q[18]
A	24	2547.450	1872.118	1856.099	1857.107	1855.091	A[17]
V	25	2646.519	1801.081	1785.062	1786.070	1784.054	V[16]
L	26	2759.603	1702.012	1686.994	1687.991	1686.975	L[15]
L	27	2872.687	1598.935	1572.900	1573.917	1571.902	L[14]
P	28	2969.740	1475.844	1459.825	1460.833	1458.818	P[13]
K	29	3097.835	1378.791	1362.773	1363.780	1361.765	K[12]
K	30	3225.930	1250.695	1234.678	1235.685	1233.670	K[11]
T	31	3326.977	1122.601	1106.583	1107.591	1105.575	T[10]
E	32	3459.030	1011.554	1005.535	1006.543	1004.527	E[9]
S	33	3543.052	892.511	876.492	877.500	875.485	S[8]
H	34	3680.111	805.479	789.460	790.468	788.453	H[7]
H	35	3817.170	668.420	652.401	653.409	651.394	H[6]
K	36	3945.205	531.301	515.343	516.350	514.335	K[5]
A	37	4016.302	403.266	387.248	388.255	386.240	A[4]
K	38	4144.397	332.229	316.211	317.218	315.203	K[3]
G	39	4201.418	204.134	189.110	189.123	187.105	G[2]
K	40	4329.513	147.113	131.094	132.102	130.086	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.65
- ▶ F113281.dat
- ▶ query=q36883.p1
- ▶ precursor=722.585340
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D1	67.034	2165.752	2157.743	0.504	2157.239	D40
E2	113.955	2158.239	2150.230	0.504	2099.725	E30
E3	136.077	2043.715	2035.708	0.504	2035.200	E18
L4	252.619	1979.196	1971.187	0.504	1970.681	L17
N5	309.640	1922.654	1914.645	1915.149	1914.141	N36
K6	373.688	1895.633	1857.623	1858.127	1857.119	K35
L7	430.230	1801.585	1793.576	1794.080	1793.072	L34
L8	489.772	1745.043	1737.034	1737.538	1736.530	L13
G9	515.282	1688.503	1680.492	1680.996	1679.989	G32
K10	593.548	1659.990	1651.981	1652.485	1651.477	K31
V11	642.880	1581.927	1573.918	1574.422	1573.414	V30
T12	693.404	1532.393	1524.384	1524.888	1523.880	T29
L13	749.946	1481.860	1473.850	1474.354	1473.346	L28
A14	785.464	1426.327	1417.318	1417.822	1416.814	A27
Q15	849.493	1389.800	1381.799	1382.303	1381.295	Q20
G16	878.004	1325.779	1317.770	1318.274	1317.266	G25
G17	906.515	1297.266	1289.259	1289.763	1288.755	G24
V18	956.049	1258.750	1250.740	1251.242	1250.245	V23
L19	1027.597	1219.233	1211.224	1211.718	1210.710	L22
P20	1061.118	1162.682	1154.673	1155.176	1154.169	P21
N21	1118.139	1114.155	1106.146	1106.650	1105.642	N20
I22	1174.681	1057.134	1049.124	1049.628	1048.621	I19
Q23	1238.710	1000.592	992.582	993.086	992.079	Q18
A24	1274.220	936.053	928.043	928.057	928.049	A17
V25	1323.763	901.545	893.535	893.539	892.531	V10
L26	1380.305	851.510	843.500	844.004	842.996	L15
L27	1436.847	794.968	786.958	787.462	786.454	L14
P28	1485.374	738.426	730.416	730.920	729.912	P13
K29	1549.421	689.899	681.890	682.394	681.386	K12
K30	1613.688	625.852	617.842	618.346	617.339	K11
I31	1663.992	583.804	553.795	554.299	553.291	I10
E32	1728.514	511.281	503.271	503.775	502.767	E8
S33	1772.030	446.759	438.750	439.254	438.246	S8
H34	1840.959	403.243	395.234	395.738	394.730	H7
H35	1909.089	334.714	326.704	327.208	326.200	H6
K36	1973.136	266.184	258.175	258.679	257.671	K5
A37	2008.655	200.139	192.130	192.634	191.626	A4
K38	2072.702	186.610	158.600	159.113	158.105	K3
G39	2101.213	102.571	94.561	95.065	94.057	G2
K40	2165.260	74.060	66.051	66.555	65.547	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=36.65
- ▶ F113281.dat
- ▶ query=q36883.p1
- ▶ precursor=722.585340
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	1	45.025	1444.171	1438.831	0.672	1438.495	D[40]
E	2	68.039	1405.628	1400.489	0.672	1400.153	E[39]
E	3	131.054	1362.874	1357.473	0.672	1357.139	E[38]
L	4	198.748	1319.800	1314.400	0.672	1314.124	L[37]
N	5	266.762	1282.105	1276.706	1.277	1276.430	N[36]
K	6	349.401	1244.091	1238.751	1239.087	1238.415	K[35]
L	7	287.156	1201.393	1196.053	1196.389	1195.717	L[34]
L	8	224.850	1163.698	1158.788	1158.894	1158.622	L[33]
G	9	343.357	1128.939	1123.694	1121.000	1120.526	G[32]
K	10	395.899	1108.996	1101.656	1101.992	1101.321	K[31]
V	11	438.922	1054.954	1049.614	1049.950	1049.277	V[30]
T	12	482.605	1021.931	1016.592	1016.928	1016.256	T[29]
L	13	500.259	988.249	982.909	981.298	982.573	L[28]
A	14	523.979	958.554	945.214	945.550	944.879	A[27]
G	15	566.695	926.875	921.535	921.871	921.199	G[26]
G	16	585.672	884.189	878.849	879.185	878.513	G[25]
G	17	604.679	865.182	859.842	860.178	859.506	G[24]
V	18	637.702	846.174	840.835	841.171	840.499	V[23]
L	19	678.397	813.152	807.812	808.148	807.476	L[22]
F	20	707.747	775.821	771.117	770.853	769.781	F[21]
N	21	748.762	743.108	737.766	738.102	737.430	N[20]
I	22	781.456	705.002	699.752	700.488	699.416	I[19]
Q	23	826.143	667.397	662.057	662.393	661.721	Q[18]
A	24	848.822	634.711	619.371	619.707	619.035	A[17]
V	25	882.844	603.032	598.692	598.928	598.356	V[16]
L	26	920.539	568.009	562.669	563.005	562.333	L[15]
L	27	958.234	530.314	524.975	525.311	524.639	L[14]
F	28	990.505	492.620	487.280	487.616	486.944	F[13]
K	29	1033.283	460.269	454.929	455.265	454.593	K[12]
K	30	1075.980	427.576	412.236	412.572	411.900	K[11]
T	31	1109.664	374.872	369.532	369.868	369.196	T[10]
E	32	1152.678	341.180	335.840	336.186	335.514	E[9]
S	33	1181.689	298.175	292.836	293.172	292.500	S[8]
H	34	1227.375	269.185	263.845	264.181	263.489	H[7]
H	35	1272.063	223.478	218.139	218.475	217.803	H[6]
K	36	1315.760	177.762	172.463	172.768	172.110	K[5]
A	37	1339.439	135.094	129.754	130.090	129.414	A[4]
K	38	1382.137	111.415	106.075	106.411	105.739	K[3]
G	39	1461.144	68.716	63.377	63.713	63.041	G[2]
K	40	1443.843	49.709	44.370	44.705	44.034	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK _{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=36.65
- ▶ F113281.dat
- ▶ query=q36883.p1
- ▶ precursor=722.585340
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	1083.560	1079.375	0.755	1079.121	D[60]
E[2]	66.281	1054.623	1050.618	0.755	1050.366	E[39]
E[3]	98.542	1022.362	1018.358	0.755	1018.106	E[38]
L[4]	126.813	990.102	986.097	0.755	985.845	L[37]
N[5]	155.324	961.831	957.826	958.078	957.574	N[36]
K[6]	187.347	933.320	929.315	929.567	929.063	K[35]
L[7]	215.838	901.296	897.232	897.544	897.040	L[34]
L[8]	243.889	873.025	869.071	869.273	868.769	L[33]
G[9]	258.145	844.754	840.750	841.002	840.498	G[32]
K[10]	297.176	830.499	826.494	826.746	826.242	K[31]
V[11]	321.944	791.667	787.663	787.715	787.211	V[30]
T[12]	347.205	766.700	762.696	762.947	762.444	T[29]
I[13]	375.476	741.438	737.434	737.686	737.182	I[28]
A[14]	393.236	713.167	709.153	709.415	708.911	A[27]
Q[15]	425.250	695.408	691.403	691.655	691.151	Q[26]
Q[16]	439.508	663.393	659.389	659.641	659.137	Q[25]
G[17]	453.761	649.139	645.133	645.385	644.881	G[24]
V[18]	478.528	634.883	630.878	631.130	630.626	V[23]
L[19]	506.799	610.116	606.111	606.363	605.859	L[22]
P[20]	533.662	583.844	577.869	578.092	577.588	P[21]
N[21]	559.573	557.581	553.577	553.829	553.325	N[20]
I[22]	587.944	529.071	525.066	525.318	524.814	I[19]
Q[23]	619.859	500.800	496.795	497.047	496.543	Q[18]
A[24]	637.618	468.785	464.780	465.032	464.528	A[17]
V[25]	662.385	451.026	447.021	447.273	446.769	V[16]
L[26]	690.856	428.299	424.244	424.568	424.064	L[15]
L[27]	718.927	397.685	393.963	394.235	393.731	L[14]
P[28]	743.190	369.716	365.712	365.964	365.460	P[13]
K[29]	775.214	345.453	341.449	341.701	341.197	K[12]
K[30]	807.238	313.430	309.425	309.677	309.173	K[11]
T[31]	832.500	281.406	277.401	277.653	277.149	T[10]
E[32]	864.760	256.144	252.139	252.391	251.887	E[9]
S[33]	898.518	223.683	219.679	220.113	219.627	S[8]
H[34]	920.783	202.125	198.121	198.373	197.869	H[7]
H[35]	955.048	167.861	163.856	164.108	163.604	H[0]
K[36]	987.072	133.596	129.591	129.843	129.339	K[5]
A[37]	1004.831	101.572	97.567	97.819	97.315	A[4]
K[38]	1036.855	83.813	79.808	80.060	79.556	K[3]
G[39]	1051.110	51.789	47.784	48.036	47.532	G[2]
K[40]	1083.134	37.534	33.529	33.781	33.277	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

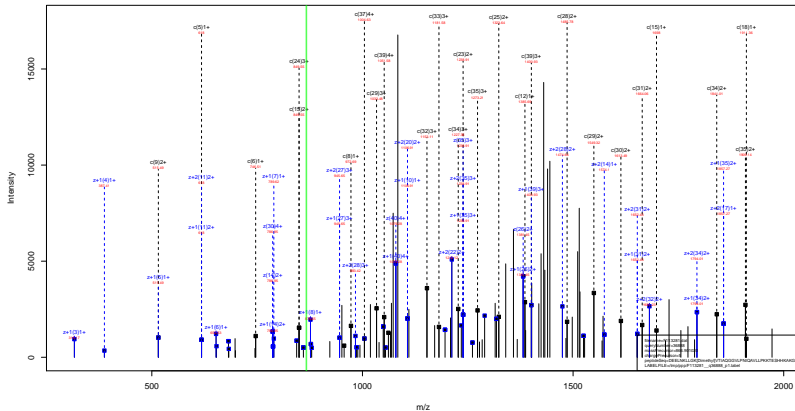
DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=36.65
- ▶ F113281.dat
- ▶ query=q36883.p1
- ▶ precursor=722.585340
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA	
D	1	27.418	866.905	863.702	0.806	863.500	D	40
E	2	83.226	843.900	840.696	0.806	840.495	E	39
E	3	79.035	818.591	815.388	0.806	814.586	E	38
L	4	101.052	792.261	789.079	0.806	788.878	L	37
N	5	124.460	769.666	766.462	766.664	766.261	N	36
K	6	150.079	746.857	743.654	743.855	743.452	K	35
L	7	172.686	721.238	718.035	718.236	717.833	L	34
L	8	198.313	698.622	695.419	695.619	695.216	L	33
G	9	206.717	676.005	672.801	673.003	672.600	G	32
K	10	237.943	664.601	661.397	661.598	661.195	K	31
V	11	257.756	633.375	630.172	630.373	629.970	V	30
V	12	277.966	613.562	610.358	610.559	610.156	V	29
I	13	300.593	593.352	590.148	590.350	589.947	I	28
A	14	314.790	570.735	567.532	567.733	567.330	A	27
Q	15	340.402	556.528	553.324	553.526	553.123	Q	26
G	16	351.806	530.916	527.712	527.914	527.511	G	25
G	17	363.210	519.512	516.308	516.510	516.107	G	24
V	18	383.024	508.108	504.904	505.105	504.702	V	23
L	19	405.641	488.294	485.090	485.292	484.889	L	22
P	20	425.051	468.677	465.473	465.675	465.272	P	21
N	21	447.880	448.266	445.063	445.264	444.861	N	20
L	22	470.477	423.458	420.254	420.456	420.053	L	19
Q	23	496.088	400.841	397.637	397.839	397.436	Q	18
A	24	510.296	375.228	372.026	372.227	371.824	A	17
V	25	530.110	361.022	357.818	358.020	357.617	V	16
L	26	552.726	341.208	338.005	338.206	337.803	L	15
L	27	575.343	318.591	315.388	315.589	315.186	L	14
P	28	594.754	295.975	292.771	292.972	292.569	P	13
K	29	630.373	276.564	273.360	273.562	273.159	K	12
K	30	645.992	250.945	247.741	247.943	247.540	K	11
V	31	668.201	229.326	226.122	226.324	225.921	V	10
E	32	692.010	205.117	201.913	202.114	201.711	E	9
S	33	709.416	179.308	176.104	176.306	175.903	S	8
H	34	736.828	161.902	158.698	158.899	158.496	H	7
H	35	764.240	134.490	131.286	131.488	131.085	H	6
K	36	789.859	107.078	103.874	104.076	103.673	K	5
A	37	804.066	81.459	78.255	78.457	78.054	A	4
K	38	829.685	67.252	64.048	64.249	63.846	K	3
G	39	841.089	41.633	38.429	38.630	38.227	G	2
K	40	866.708	30.228	27.025	27.226	26.823	K	1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK
28.03



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.78
- ▶ F113281.dat
- ▶ query=q36888.p1
- ▶ precursor=866.901020
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D1	133.061	4330.497	4314.479	0.000	4313.477	[Q40]
E1	262.103	4315.476	4199.452	0.000	4198.444	E397
E1	301.148	4308.428	4079.420	0.000	4059.401	E138
L1	504.230	3957.385	3941.366	0.000	3940.359	L137
N1	618.273	3844.301	3828.282	3820.290	3817.275	N136
K1	746.368	3730.258	3714.239	3715.247	3713.232	K135
L1	859.452	3602.183	3586.144	3587.152	3585.137	L134
L1	972.536	3489.078	3473.060	3474.068	3472.051	L133
G1	1020.555	3375.095	3359.076	3360.084	3358.069	G132
K10	1185.684	3318.074	3302.055	3303.063	3301.047	K131
V11	1284.752	3162.847	3146.829	3147.836	3145.821	V130
T12	1385.800	3061.779	3047.760	3048.768	3046.752	T129
L13	1498.884	2962.731	2946.713	2947.720	2945.705	L128
A14	1589.021	2849.647	2833.629	2834.636	2832.621	A127
Q15	1697.580	2778.030	2762.001	2763.009	2761.588	Q126
G16	1755.001	2650.552	2634.533	2635.541	2633.525	G125
G17	1812.023	2501.530	2477.511	2478.519	2476.504	G124
V18	1911.091	2536.509	2520.490	2521.498	2519.482	V123
L19	2024.175	2431.440	2421.421	2422.429	2420.413	L122
P20	2111.228	2324.356	2308.337	2309.345	2307.330	P121
N21	2235.271	2227.303	2211.284	2212.292	2210.277	N120
I22	2348.355	2113.260	2097.242	2098.250	2096.234	I119
Q23	2476.413	2000.176	1984.158	1985.165	1983.150	Q118
A24	2547.450	1872.118	1856.099	1857.107	1855.091	A117
V25	2656.519	1801.081	1785.062	1786.070	1784.054	V116
L26	2759.603	1702.012	1685.994	1687.001	1684.985	L115
L27	2872.687	1588.928	1572.909	1573.917	1571.902	L114
F28	2069.740	1475.844	1459.825	1460.833	1458.818	F113
K29	3097.835	1378.791	1362.773	1363.780	1361.765	K112
K30	3225.930	1250.696	1234.678	1235.685	1233.670	K111
I31	3358.977	1122.601	1106.583	1107.591	1105.575	I110
E32	3456.020	1021.554	1005.535	1006.543	1004.527	E109
S33	3543.052	892.511	876.492	877.500	875.485	S108
H34	3680.111	805.479	789.460	790.468	788.453	H107
H35	3817.170	698.420	652.401	653.409	651.394	H106
K36	3945.205	531.361	515.343	516.350	514.335	K105
A37	4019.202	413.306	381.248		380.240	A104
K38	4144.397	322.229	316.211	317.218	315.202	K103
G39	4201.418	204.134	188.116	189.123	187.108	G102
K40	4329.513	147.113	131.094	132.102	130.089	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.78
- ▶ F113281.dat
- ▶ query=q36888.p1
- ▶ precursor=866.901020
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D 1	67.034	2165.752	2157.743	0.504	2157.239	Q40
E 2	111.955	2158.238	2150.229	0.504	2099.720	E30
E 3	196.077	2043.718	2035.709	0.504	2035.205	E38
L 4	252.619	1976.190	1971.187	0.504	1970.683	L37
N 5	309.640	1922.654	1914.645	1915.149	1914.141	N36
K 6	373.688	1805.633	1857.623	1858.127	1857.119	K35
L 7	430.230	1801.585	1793.576	1794.080	1793.072	L34
L 8	489.772	1745.043	1737.034	1737.538	1736.530	L33
G 9	515.282	1688.501	1680.492	1680.996	1679.989	G32
K10	591.346	1659.990	1651.981	1652.485	1651.477	K31
V11	642.880	1581.627	1573.618	1574.122	1573.414	V30
T12	693.404	1512.303	1524.384	1524.888	1523.880	T29
L13	769.646	1451.689	1473.680	1474.364	1473.356	L28
A14	785.464	1425.327	1417.318	1417.822	1416.814	A27
Q15	849.493	1389.809	1381.799	1382.303	1381.295	Q26
G16	878.004	1325.779	1317.770	1318.274	1317.266	G25
G17	906.515	1297.269	1289.259	1289.763	1288.755	G24
V18	956.049	1268.758	1260.749	1261.252	1260.245	V23
L19	1027.591	1219.244	1211.235	1211.718	1210.710	L22
P20	1061.118	1162.662	1154.653	1155.156	1154.160	P21
N21	1118.139	1114.155	1106.146	1106.650	1105.642	N20
I22	1174.681	1057.134	1049.124	1049.628	1048.621	I19
Q23	1238.710	1000.592	992.582	993.086	992.079	Q18
A24	1274.229	936.563	928.553	929.057	928.049	A17
V25	1323.763	891.044	883.034	883.538	882.531	V16
L26	1369.305	853.510	843.500	844.004	843.996	L15
L27	1436.847	794.968	786.958	787.462	786.454	L14
P28	1485.374	738.426	730.416	730.920	729.912	P13
K29	1549.421	699.899	681.890	682.394	681.386	K12
K30	1613.468	635.852	617.842	618.346	617.339	K11
I31	1663.992	581.804	583.795	584.299	583.291	I10
E32	1728.514	511.281	503.271	503.775	502.767	E9
S33	1772.030	446.759	438.750	439.254	438.246	S8
H34	1840.559	403.243	395.234	395.738	394.730	H7
H35	1909.089	334.714	326.704	327.208	326.200	H6
K36	1973.136	266.184	258.175	258.679	257.671	K5
A37	2008.655	202.139	194.129	194.633	193.625	A4
K38	2072.702	168.618	158.609	159.113	158.105	K3
G39	2101.213	102.571	94.561	95.065	94.057	G2
K40	2165.260	74.060	66.051	66.555	65.547	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.78
- ▶ F113281.dat
- ▶ query=q36888.p1
- ▶ precursor=866.901020
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	1	45.025	1444.171	1438.931	0.672	1438.495	D[40]
E	2	88.039	1405.628	1400.489	0.672	1400.153	E[39]
E	3	131.054	1362.874	1357.473	0.672	1357.139	E[38]
L	4	188.748	1319.800	1314.400	0.672	1314.124	L[37]
N	5	206.762	1282.105	1276.706	1.277	1276.430	N[36]
K	6	249.401	1244.091	1238.751	1239.087	1238.415	K[35]
L	7	287.156	1201.393	1196.053	1196.389	1195.717	L[34]
L	8	324.860	1163.098	1156.752	1156.994	1156.622	L[33]
G	9	343.357	1126.003	1120.604	1121.000	1120.520	G[32]
K	10	395.899	1106.996	1101.636	1101.992	1101.321	K[31]
V	11	438.602	1054.954	1049.614	1049.950	1049.278	V[30]
T	12	482.605	1021.931	1016.592	1016.938	1016.250	T[29]
L	13	500.259	988.249	982.959	983.245	982.573	L[28]
A	14	523.979	956.554	945.214	945.550	944.879	A[27]
G	15	566.606	926.875	921.535	921.871	921.192	G[26]
G	16	585.672	884.189	878.849	879.185	878.513	G[25]
G	17	604.679	865.182	859.842	860.178	859.506	G[24]
V	18	637.702	846.174	840.835	841.171	840.497	V[23]
L	19	678.307	813.152	807.812	808.148	807.471	L[22]
P	20	707.747	775.821	770.117	770.453	769.781	P[21]
N	21	748.762	743.106	737.766	738.102	737.430	N[20]
I	22	781.456	705.002	699.152	700.488	699.814	I[19]
Q	23	826.143	667.397	662.057	662.393	661.721	Q[18]
A	24	849.822	634.711	619.371	619.707	619.035	A[17]
V	25	882.844	603.016	598.662	598.998	598.326	V[16]
L	26	920.539	568.009	562.669	563.005	562.333	L[15]
L	27	958.234	530.314	524.975	525.311	524.639	L[14]
P	28	990.505	492.620	487.280	487.616	486.944	P[13]
K	29	1033.283	460.289	454.929	455.265	454.593	K[12]
K	30	1075.981	427.570	412.231	412.567	411.895	K[11]
T	31	1109.664	374.872	369.532	369.868	369.190	T[10]
E	32	1152.678	341.180	335.850	336.186	335.514	E[9]
S	33	1181.689	298.175	292.836	293.172	292.500	S[8]
H	34	1227.375	269.185	263.825	264.161	263.489	H[7]
K	35	1273.061	223.478	218.139	218.475	217.803	K[6]
K	36	1313.760	177.762	172.483	172.768	172.110	K[5]
A	37	1339.439	135.094	129.754	130.090	129.414	A[4]
K	38	1382.137	111.415	106.075	106.411	105.739	K[3]
G	39	1461.144	68.716	63.377	63.713	63.041	G[2]
K	40	1443.843	49.709	44.370	44.705	44.034	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

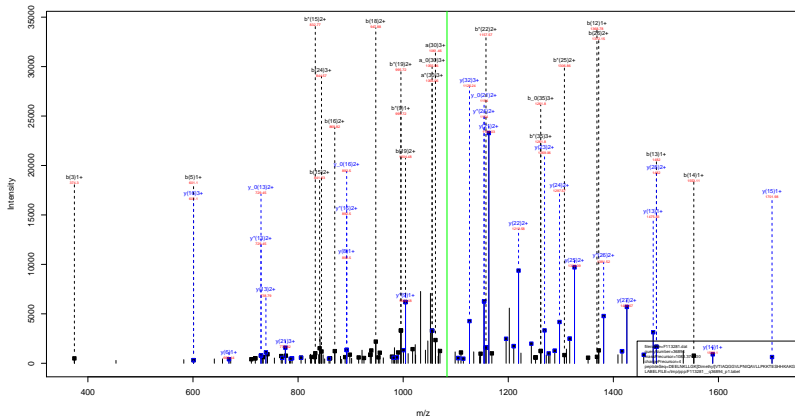
DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.78
- ▶ F113281.dat
- ▶ query=q36888.p1
- ▶ precursor=866.901020
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D1	34.621	1081.385	1079.375	0.755	1079.123	D40
E12	66.281	1054.623	1050.618	0.755	1050.366	E39
E13	98.542	1022.362	1018.358	0.755	1018.106	E38
L14	126.813	990.102	986.097	0.755	985.845	L37
N15	155.324	961.831	957.826	958.078	957.574	N36
K16	187.347	933.320	929.315	929.567	929.063	K35
L17	215.818	901.296	897.292	897.544	897.040	L34
L18	243.889	873.025	869.021	869.273	868.769	L33
G19	258.145	844.754	840.750	841.002	840.498	G32
K10	297.176	830.490	826.484	826.746	826.242	K31
V11	321.944	791.467	787.463	787.715	787.211	V30
T12	347.205	766.700	762.696	762.947	762.444	T29
L13	375.476	741.438	737.434	737.686	737.182	L28
A14	392.236	713.167	709.163	709.415	708.911	A27
Q15	425.250	695.408	691.403	691.655	691.151	Q26
G16	439.506	663.381	659.379	659.641	659.137	G25
G17	453.761	649.138	645.133	645.385	644.881	G24
V18	478.528	634.883	630.878	631.130	630.626	V23
L19	506.790	610.116	606.111	606.363	605.859	L22
P20	531.062	581.844	577.840	578.092	577.588	P21
N21	559.573	557.581	553.577	553.829	553.325	N20
I22	587.844	529.071	525.066	525.318	524.814	I19
Q23	619.859	500.800	496.795	497.047	496.543	Q18
A24	637.618	468.785	464.780	465.032	464.528	A17
V25	662.385	451.020	447.021	447.273	446.769	V16
L26	689.656	426.751	422.754	422.999	422.495	L15
L27	718.927	397.985	393.983	394.235	393.731	L14
P28	743.190	369.716	365.712	365.964	365.460	P13
K29	775.214	345.453	341.449	341.701	341.197	K12
K30	807.238	313.430	309.425	309.677	309.173	K11
T31	832.500	281.406	277.401	277.653	277.149	T10
E32	854.768	256.144	252.139	252.391	251.887	E9
S33	886.518	223.883	219.879	220.131	219.627	S8
H34	920.783	202.125	198.121	198.373	197.869	H7
H35	955.046	167.861	163.856	164.108	163.604	H6
K36	987.072	133.590	129.591	129.843	129.339	K5
A37	1054.831	101.373	97.369	97.621	97.117	A4
K38	1016.855	83.811	79.808	80.060	79.556	K3
G39	1051.110	51.789	47.784	48.036	47.532	G2
K40	1083.134	37.534	33.529	33.781	33.277	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK _{28.03}



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.04
- ▶ F113281.dat
- ▶ query=q36894_p1
- ▶ precursor=1083.374700
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA										
D1	38	039	0	000	78	039	116	034	0	000	86	024	4330	467	4311	471	4312	467	D140	
E1	317	003	0	000	106	071	146	071	0	000	127	069	4215	471	4138	444	4207	466	E138	
E1	346	174	0	000	105	114	174	119	0	000	106	110	4088	420	4089	461	4088	417	E138	
L1	4	330	330	0	000	441	109	0	000	440	103	1097	385	3849	389	3819	3819	375	L137	
R1	1	319	011	000	291	000	041	001	040	000	301	011	3048	381	3049	381	3049	381	R136	
R1	1	301	186	084	532	083	530	083	531	083	515	083	3783	385	3715	342	3782	342	R135	
L1	1	314	411	187	401	186	410	187	412	187	400	187	3681	381	3682	381	3681	381	L134	
L1	1	317	411	187	401	186	410	187	412	187	400	187	3681	381	3682	381	3681	381	L134	
L1	1	304	530	397	509	396	529	397	510	397	502	397	3575	385	3576	385	3575	385	L133	
K10	114	040	0	000	113	031	012	032	011	031	110	047	3118	047	3101	047	3100	041	K132	
V11	12	387	011	000	104	000	011	000	000	000	110	011	3100	047	3101	047	3100	041	V134	
L12	1	340	718	133	703	132	702	133	703	133	702	133	3055	371	3056	371	3055	371	L130	
L13	1	453	001	048	838	047	835	048	836	048	834	048	2987	311	2988	311	2987	311	L129	
A14	1	324	000	107	071	106	069	107	070	107	068	107	2884	047	2885	047	2884	041	A127	
G15	1	352	000	07	000	015	043	015	042	015	041	015	2774	014	2775	014	2774	014	G126	
G16	1	306	000	000	000	000	000	000	000	000	000	000	2650	000	2651	000	2650	000	G125	
G17	1	337	000	148	075	146	061	147	060	147	059	146	2576	004	2577	004	2576	004	G124	
V18	1	338	000	000	000	000	000	000	000	000	000	000	2459	000	2460	000	2459	000	V128	
L19	1	339	154	082	143	081	143	080	142	080	141	080	2437	044	2438	044	2437	042	L122	
P20	1	319	000	000	000	000	000	000	000	000	000	000	2328	000	2329	000	2328	000	P121	
N21	1	389	014	011	012	012	014	011	014	011	013	014	2247	011	2248	011	2247	011	N120	
G22	1	230	013	020	023	020	023	021	022	021	023	021	2113	020	2114	020	2113	020	G114	
G23	1	211	001	014	016	014	018	014	017	014	016	017	2028	010	2029	010	2028	010	G113	
A14	1	302	429	240	401	239	400	240	401	239	400	240	1812	411	1813	411	1812	411	A117	
V15	1	201	010	004	011	003	010	003	010	003	010	003	1675	004	1676	004	1675	004	V116	
L16	1	201	010	004	011	003	010	003	010	003	010	003	1675	004	1676	004	1675	004	L115	
L17	1	217	000	210	030	209	029	210	030	210	029	210	1588	026	1589	026	1588	026	L114	
R18	1	218	018	011	019	018	020	018	019	018	020	019	1475	018	1476	018	1475	018	R113	
K19	1	202	013	010	013	010	016	010	015	010	016	015	1361	010	1362	010	1361	010	K112	
K15	1	180	000	101	000	100	000	101	000	101	000	100	1250	000	1251	000	1250	000	K111	
L11	1	169	000	000	000	000	000	000	000	000	000	000	1089	000	1090	000	1089	000	L110	
E14	1	150	000	103	001	102	000	103	001	103	000	102	001	1064	000	1065	000	1064	000	E11
S13	1	108	001	101	000	100	000	101	000	101	000	100	001	892	011	893	011	892	011	S11
H12	1	101	000	000	000	000	000	000	000	000	000	000	805	000	806	000	805	000	H11	
H10	1	372	048	070	022	074	138	069	043	073	013	070	013	685	420	686	420	685	420	H10
K16	1	300	011	083	017	082	018	083	017	083	016	083	538	016	539	016	538	016	K11	
A11	1	317	010	000	000	000	000	000	000	000	000	000	490	000	491	000	490	000	A11	
K11	1	249	001	000	001	000	000	001	000	001	000	000	352	001	353	001	352	001	K11	
G19	1	415	001	418	106	418	088	418	087	418	086	418	308	116	309	116	308	116	G12	
K10	1	439	400	437	400	436	401	437	401	437	400	436	400	147	111	148	111	147	111	K11

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=38.04
- ▶ F113281.dat
- ▶ query=q36894_p1
- ▶ precursor=1083.374700
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a.z0	b	b*	b.z0	y	y*	y.z0	AA	
G1	44.223	0.524	35.512	35.512	0.504	49.523	230.125	2137.250	2210.747	L540	
E2	339.044	0.504	339.039	339.044	0.504	174.017	230.125	2099.750	2099.750	L539	
E3	173.556	0.524	145.561	147.563	0.504	173.556	2043.713	2075.204	2034.712	L538	
L4	173.556	0.524	223.113	244.615	0.504	135.000	1359.150	1370.641	1370.641	L537	
N5	339.044	0.504	339.039	339.044	0.504	202.012	202.012	2022.654	1814.141	N530	
K6	135.914	0.524	145.561	147.563	0.504	135.914	200.000	1999.511	1999.511	K531	
L7	407.712	0.504	369.208	381.714	0.513	413.711	381.711	381.711	373.710	L534	
L8	404.541	0.524	493.742	493.742	0.504	404.541	1745.041	1745.041	1745.041	L533	
G9	492.712	0.524	493.742	493.742	0.504	492.712	1659.500	1671.000	1671.000	G532	
K10	470.630	0.524	361.800	361.800	0.504	470.630	1659.500	1671.000	1671.000	K531	
V11	420.589	0.513	411.364	424.584	0.525	420.589	1659.500	1671.000	1671.000	V530	
T12	409.800	0.524	361.800	361.800	0.504	409.800	1659.500	1671.000	1671.000	T529	
R13	747.430	718.922	718.930	741.432	732.919	732.427	1481.800	1471.300	1471.300	R528	
A14	176.551	0.542	176.548	176.551	0.504	167.546	1425.327	1418.814	1416.322	A527	
Q15	405.400	0.513	405.400	405.400	405.400	405.400	1385.250	1385.250	1385.250	Q526	
G16	335.400	0.504	335.400	335.400	335.400	335.400	1325.770	1317.260	1316.774	G525	
G17	334.044	0.504	334.044	334.044	334.044	334.044	1297.700	1288.755	1288.263	G524	
V18	333.000	324.028	324.033	333.000	333.000	333.000	1268.750	1268.750	1268.750	V523	
L19	900.080	881.587	881.591	900.078	895.565	895.565	1219.224	1210.710	1210.218	L522	
P20	318.000	0.504	318.000	318.000	0.504	318.000	1203.500	1182.862	1154.148	1153.876	P521
N21	339.044	0.504	339.039	339.044	339.044	339.044	1189.826	1189.826	1189.826	N520	
G22	153.170	0.513	153.165	153.165	0.504	153.165	1157.162	1048.621	1048.621	G519	
Q23	121.000	0.504	121.000	121.000	0.504	121.000	1000.500	992.070	983.537	Q518	
A24	100.000	0.504	100.000	100.000	0.504	100.000	992.070	983.537	983.537	A517	
V25	1251.718	0.513	1251.713	1251.718	1251.718	1251.718	982.070	982.070	982.070	V516	
K26	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	K515	
L27	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	L514	
K28	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	K513	
K29	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	K512	
K30	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	K511	
L31	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	L510	
E32	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	E509	
S33	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	S508	
L34	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	L507	
L35	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	L506	
K36	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	K505	
A37	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	A504	
K38	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	K503	
G39	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	G502	
K40	100.000	0.504	100.000	100.000	0.504	100.000	982.070	982.070	982.070	K501	

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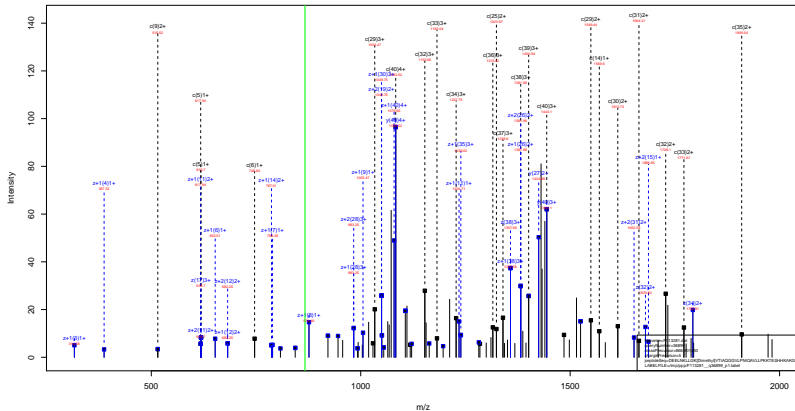
DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=38.04
- ▶ F113281.dat
- ▶ query=q36894_p1
- ▶ precursor=1083.374700
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	x	y	x ₀	b	b ₀	y	y ₀	x ₀	AA	
E1	30103	0.000	42.011	38.000	0.000	31.500	1464.111	1432.499	E140	
E2	71.012	0.000	42.020	38.004	0.000	31.500	1463.823	1430.151	E139	
E3	112.020	0.000	119.004	119.000	0.000	119.000	1500.914	1497.439	E138	
E4	153.028	0.000	154.798	154.800	0.000	154.800	1516.800	1514.139	E137	
E5	194.035	0.000	190.792	191.000	0.000	191.000	1532.100	1529.100	E136	
E6	235.043	0.000	236.740	237.000	0.000	237.000	1544.001	1544.000	E135	
E7	276.050	0.000	277.141	277.400	0.000	277.400	1561.331	1558.717	E134	
E8	317.058	0.000	318.040	318.170	0.11499	313.171	1553.003	1558.022	1557.694	E133
E9	358.065	0.000	359.000	359.134	0.000	359.134	1565.001	1565.000	E132	
E10	400.072	0.000	399.241	399.244	0.000	399.244	1584.244	1584.244	E131	
V11	441.079	0.000	442.000	442.247	0.000	442.247	1614.001	1614.000	V10	
V12	482.086	0.000	483.000	483.244	0.000	483.244	1633.244	1633.244	V9	
V13	523.093	0.000	524.000	524.241	0.000	524.241	1652.240	1652.241	V8	
A14	564.100	0.000	565.000	565.238	0.000	565.238	1671.238	1671.238	A13	
G15	605.107	0.000	606.000	606.234	0.000	606.234	1690.234	1690.234	G14	
G16	646.114	0.000	647.000	647.231	0.000	647.231	1709.231	1709.231	G13	
G17	687.121	0.000	688.000	688.228	0.000	688.228	1728.228	1728.228	G12	
V18	728.128	0.000	729.000	729.224	0.000	729.224	1747.224	1747.224	V17	
L19	769.135	0.000	770.000	770.221	0.000	770.221	1766.221	1766.221	L18	
V20	810.142	0.000	811.000	811.217	0.000	811.217	1785.217	1785.217	V19	
V21	851.149	0.000	852.000	852.214	0.000	852.214	1804.214	1804.214	V18	
G22	892.156	0.000	893.000	893.211	0.000	893.211	1823.211	1823.211	G21	
G23	933.163	0.05.400	934.000	934.207	0.000	934.207	1842.207	1842.207	G20	
V24	974.170	0.000	975.000	975.204	0.000	975.204	1861.204	1861.204	V23	
V25	1015.177	0.000	1016.000	1016.201	0.000	1016.201	1880.201	1880.201	V22	
V26	1056.184	0.000	1057.000	1057.197	0.000	1057.197	1900.197	1900.197	V21	
L27	1097.191	0.000	1098.000	1098.194	0.000	1098.194	1919.194	1919.194	L26	
L28	1138.198	0.000	1139.000	1139.191	0.000	1139.191	1938.191	1938.191	L25	
L29	1179.205	0.07.031	0.07.223	0.07.558	0.000	1179.205	1957.191	1957.191	L24	
P30	1220.212	0.000	1221.000	1221.187	0.000	1221.187	0.01.030	1976.187	P29	
K31	1261.219	0.000	1262.000	1262.184	0.000	1262.184	1995.184	1995.184	K30	
K32	1302.226	0.000	1303.000	1303.181	0.000	1303.181	2014.181	2014.181	K31	
T33	1343.233	0.000	1344.000	1344.178	0.000	1344.178	2033.178	2033.178	T32	
E34	1384.240	0.000	1385.000	1385.175	0.000	1385.175	2052.175	2052.175	E33	
E35	1425.247	0.000	1426.000	1426.172	0.000	1426.172	2071.172	2071.172	E32	
E36	1466.254	0.000	1467.000	1467.169	0.000	1467.169	2090.169	2090.169	E31	
E37	1507.261	0.000	1508.000	1508.166	0.000	1508.166	2109.166	2109.166	E30	
E38	1548.268	0.000	1549.000	1549.163	0.000	1549.163	2128.163	2128.163	E29	
E39	1589.275	0.000	1590.000	1590.160	0.000	1590.160	2147.160	2147.160	E28	
E40	1630.282	0.000	1631.000	1631.157	0.000	1631.157	2166.157	2166.157	E27	
E41	1671.289	0.000	1672.000	1672.154	0.000	1672.154	2185.154	2185.154	E26	
E42	1712.296	0.000	1713.000	1713.151	0.000	1713.151	2204.151	2204.151	E25	
E43	1753.303	0.000	1754.000	1754.148	0.000	1754.148	2223.148	2223.148	E24	
E44	1794.310	0.000	1795.000	1795.145	0.000	1795.145	2242.145	2242.145	E23	
E45	1835.317	1.252.379	1.252.451	1.252.700	1.261.730	1.261.382	2261.142	2261.142	E22	
E46	1876.324	0.000	1877.000	1877.142	0.000	1877.142	2280.142	2280.142	E21	
A47	1917.331	0.000	1918.000	1918.139	0.000	1918.139	2299.139	2299.139	A46	
K48	1958.338	0.000	1959.000	1959.136	0.000	1959.136	2318.136	2318.136	K47	
G49	1999.345	0.000	2000.000	2000.133	0.000	2000.133	2337.133	2337.133	G48	
K50	2040.352	0.000	2041.000	2041.130	0.000	2041.130	2356.130	2356.130	K49	
K51	2081.359	0.000	2082.000	2082.127	0.000	2082.127	2375.127	2375.127	K50	
K52	2122.366	0.000	2123.000	2123.124	0.000	2123.124	2394.124	2394.124	K51	
K53	2163.373	0.000	2164.000	2164.121	0.000	2164.121	2413.121	2413.121	K52	
K54	2204.380	0.000	2205.000	2205.118	0.000	2205.118	2432.118	2432.118	K53	
K55	2245.387	0.000	2246.000	2246.115	0.000	2246.115	2451.115	2451.115	K54	
K56	2286.394	0.000	2287.000	2287.112	0.000	2287.112	2470.112	2470.112	K55	
K57	2327.401	0.000	2328.000	2328.109	0.000	2328.109	2489.109	2489.109	K56	
K58	2368.408	0.000	2369.000	2369.106	0.000	2369.106	2508.106	2508.106	K57	
K59	2409.415	0.000	2410.000	2410.103	0.000	2410.103	2527.103	2527.103	K58	
K60	2450.422	0.000	2451.000	2451.100	0.000	2451.100	2546.100	2546.100	K59	

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DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHHKAKGK



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.94
- ▶ F113281.dat
- ▶ query=q36899_p1
- ▶ precursor=866.901430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D1	133.085	4330.997	4314.479	0.000	4313.471	D140
E12	282.103	4215.470	4199.452	0.000	4198.444	E130
E13	391.146	4086.425	4070.409	0.000	4069.401	E138
L14	594.230	3957.385	3941.366	0.000	3940.359	L137
N15	618.273	3844.301	3828.282	3829.290	3827.275	N136
K16	746.368	3730.259	3714.239	3715.247	3713.231	K135
L17	859.452	3602.163	3586.144	3587.152	3585.131	L134
L18	917.538	3489.079	3473.060	3474.068	3472.051	L133
G19	1029.558	3375.095	3359.076	3360.084	3358.069	G132
K10	1185.684	3318.974	3302.955	3303.963	3301.947	K131
V111	1284.752	3102.847	3146.629	3147.636	3145.621	V130
V112	1385.900	3063.779	3047.760	3048.768	3046.752	V129
I113	1469.894	2982.731	2946.713	2947.720	2945.705	I128
A114	1569.921	2949.641	2933.623	2934.630	2932.614	A127
Q115	1697.980	2778.610	2762.591	2763.599	2761.584	Q126
G116	1755.001	2650.562	2634.533	2635.541	2633.525	G125
G117	1812.023	2593.530	2577.511	2578.519	2576.504	G124
V118	1911.091	2536.509	2520.490	2521.498	2519.482	V123
L119	2024.175	2437.440	2421.421	2422.429	2420.414	L122
F120	2117.238	2324.395	2308.377	2309.385	2307.370	F121
N121	2235.271	2227.363	2211.345	2212.352	2210.337	N120
I122	2348.355	2113.260	2097.242	2098.250	2096.234	I119
Q123	2476.411	2000.176	1984.158	1985.165	1983.150	Q118
A124	2547.450	1872.118	1856.099	1857.107	1855.091	A117
V125	2646.519	1801.081	1785.062	1786.070	1784.054	V116
L126	2759.603	1702.012	1686.004	1687.001	1684.989	L115
L127	2872.687	1598.935	1572.900	1573.917	1571.902	L114
F128	2969.740	1475.844	1459.825	1460.833	1458.818	F113
K129	3097.835	1378.791	1362.773	1363.780	1361.765	K112
K130	3225.930	1250.696	1234.678	1235.685	1233.670	K111
T131	3326.977	1122.601	1106.583	1107.591	1105.575	T110
E132	3459.030	1011.554	1005.535	1006.543	1004.527	E109
S133	3543.052	892.511	876.492	877.500	875.485	S108
H134	3680.111	805.479	789.460	790.468	788.453	H107
H135	3817.170	668.420	652.401	653.409	651.394	H106
K136	3945.205	531.301	515.343	516.350	514.335	K105
A137	4016.302	403.266	387.248	388.255	386.240	A104
K138	4144.397	332.229	316.211	317.218	315.203	K103
G139	4201.418	204.134	189.110	189.123	187.105	G102
K140	4329.513	147.113	131.094	132.102	130.080	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.94
- ▶ F113281.dat
- ▶ query=q36899_p1
- ▶ precursor=866.901430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	1	87.034	2165.752	2157.743	0.504	2157.239	D[40]
E	2	131.555	2108.239	2100.229	0.504	2099.726	E[39]
E	3	188.077	2043.715	2035.705	0.504	2035.201	E[38]
L	4	252.519	1979.190	1971.187	0.504	1970.683	L[37]
N	5	309.640	1922.654	1914.645	1915.140	1914.141	N[36]
K	6	374.668	1858.613	1857.623	1858.127	1857.119	K[35]
L	7	430.230	1801.585	1793.576	1794.080	1793.072	L[34]
L	8	498.772	1748.043	1742.034	1737.538	1736.530	L[33]
G	9	515.282	1708.521	1698.492	1698.998	1679.988	G[32]
K	10	593.346	1659.990	1651.981	1652.485	1651.477	K[31]
V	11	642.880	1581.927	1573.918	1574.422	1573.414	V[30]
T	12	693.404	1532.393	1524.384	1524.888	1523.880	T[29]
L	13	748.946	1484.869	1473.860	1474.364	1473.356	L[28]
A	14	785.464	1425.327	1417.318	1417.822	1416.814	A[27]
G	15	849.493	1359.805	1381.799	1382.303	1381.295	G[26]
G	16	878.004	1325.779	1317.770	1318.274	1317.266	G[25]
G	17	906.515	1297.269	1289.259	1289.763	1288.755	G[24]
V	18	956.049	1268.758	1260.749	1261.252	1260.245	V[23]
L	19	1012.597	1219.224	1211.214	1211.718	1210.710	L[22]
P	20	1081.118	1162.682	1154.672	1155.176	1154.168	P[21]
N	21	1118.139	1114.155	1106.146	1106.650	1105.642	N[20]
I	22	1174.681	1057.134	1049.124	1049.628	1048.621	I[19]
Q	23	1238.710	1000.592	992.582	993.086	992.079	Q[18]
A	24	1274.229	936.563	928.553	929.057	928.049	A[17]
V	25	1323.763	893.044	885.035	885.539	884.531	V[16]
L	26	1388.309	851.510	843.500	844.004	843.000	L[15]
L	27	1438.847	794.968	786.958	787.462	786.454	L[14]
P	28	1465.374	738.426	730.416	730.920	729.912	P[13]
K	29	1549.421	699.899	681.890	682.394	681.386	K[12]
K	30	1613.468	626.382	617.842	618.346	617.338	K[11]
T	31	1663.992	563.894	555.738	556.242	555.234	T[10]
E	32	1728.514	511.281	503.271	503.775	502.767	E[9]
S	33	1772.030	446.759	438.750	439.254	438.246	S[8]
H	34	1840.559	403.243	395.234	395.738	394.730	H[7]
H	35	1909.089	334.714	326.704	327.208	326.200	H[6]
K	36	1973.128	268.184	260.175	260.679	259.671	K[5]
A	37	2058.655	202.137	194.127	194.631	193.624	A[4]
K	38	2072.702	166.618	158.609	159.113	158.105	K[3]
G	39	2161.211	102.571	94.561	95.065	94.057	G[2]
K	40	2185.260	74.060	66.051	66.555	65.547	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=34.94
- ▶ F113281.dat
- ▶ query=q36899_p1
- ▶ precursor=866.901430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D 1	45.025	1444.171	1438.931	0.672	1438.495	D 40
E 2	68.039	1405.028	1408.489	0.672	1407.163	E 39
E 3	113.654	1362.874	1357.475	0.672	1357.139	E 38
L 4	158.748	1319.800	1314.500	0.672	1314.223	L 37
N 5	206.762	1282.105	1276.706	1277.102	1276.430	N 36
K 6	249.401	1244.091	1238.751	1239.087	1238.415	K 35
L 7	287.156	1201.393	1196.053	1196.389	1195.717	L 34
L 8	324.850	1163.698	1158.388	1159.094	1158.602	L 33
G 9	361.357	1128.003	1120.604	1121.000	1120.250	G 32
K 10	395.899	1108.996	1101.656	1101.992	1101.321	K 31
V 11	438.402	1054.954	1049.614	1049.950	1049.278	V 30
T 12	482.605	1021.931	1018.592	1018.938	1018.250	T 29
L 13	500.299	988.249	982.909	983.245	982.573	L 28
A 14	523.979	956.554	949.214	945.550	944.879	A 27
Q 15	566.605	926.875	921.535	921.871	921.192	Q 26
G 16	585.672	884.189	878.849	879.185	878.513	G 25
G 17	604.679	865.182	859.842	860.178	859.500	G 24
V 18	637.702	846.174	840.835	841.171	840.499	V 23
L 19	678.397	813.152	807.812	808.148	807.470	L 22
F 20	707.747	775.481	770.141	770.533	769.781	F 21
N 21	745.762	743.106	737.766	738.102	737.430	N 20
I 22	781.456	705.002	699.752	700.088	699.410	I 19
Q 23	826.143	667.397	662.057	662.393	661.721	Q 18
A 24	849.827	634.711	619.371	619.707	619.035	A 17
V 25	882.844	603.035	598.692	599.028	598.356	V 16
L 26	920.539	568.009	562.669	563.005	562.333	L 15
L 27	958.234	530.314	524.975	525.311	524.639	L 14
F 28	990.505	492.620	487.280	487.616	486.944	F 13
K 29	1033.283	460.289	454.929	455.265	454.591	K 12
K 30	1075.981	427.570	412.230	412.567	411.895	K 11
T 31	1109.664	374.872	369.532	369.868	369.190	T 10
E 32	1152.678	341.180	335.850	336.186	335.514	E 9
S 33	1181.689	298.175	292.836	293.172	292.500	S 8
H 34	1227.375	269.185	263.825	264.161	263.489	H 7
H 35	1277.063	223.478	218.139	218.475	217.803	H 6
K 36	1315.760	177.762	172.483	172.768	172.110	K 5
A 37	1339.439	135.094	129.754	130.090	129.414	A 4
K 38	1382.137	111.415	106.075	106.411	105.739	K 3
G 39	1461.144	68.716	63.377	63.713	63.041	G 2
K 40	1443.843	49.709	44.370	44.705	44.034	K 1

sp | Q6GSS7 | H2A2A_MOUSE

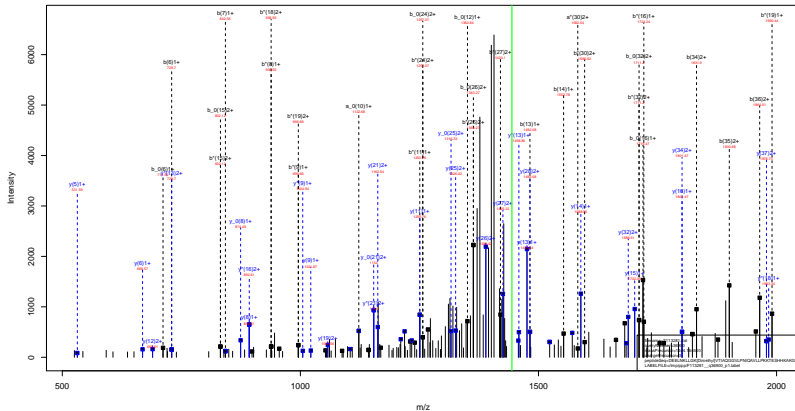
DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=34.94
- ▶ F113281.dat
- ▶ query=q36899_p1
- ▶ precursor=866.901430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	1081.380	1079.375	0.755	1079.121	D[40]
E[2]	66.281	1054.623	1050.618	0.755	1050.360	E[39]
E[3]	98.542	1022.802	1018.358	0.755	1018.100	E[38]
L[4]	126.813	990.102	986.097	0.755	985.845	L[37]
R[5]	155.324	961.831	957.826	958.078	957.574	R[36]
K[6]	187.347	933.320	929.315	929.567	929.063	K[35]
L[7]	215.618	901.290	897.282	897.544	897.040	L[34]
L[8]	243.899	873.020	869.021	869.273	868.769	L[33]
G[9]	258.145	844.754	840.750	841.002	840.498	G[32]
K[10]	297.176	830.499	826.494	826.746	826.242	K[31]
V[11]	321.644	791.467	787.463	787.715	787.211	V[30]
V[12]	347.205	766.700	762.696	762.947	762.444	V[29]
I[13]	375.476	741.438	737.434	737.686	737.182	I[28]
A[14]	393.236	713.167	709.163	709.415	708.911	A[27]
Q[15]	425.250	695.400	691.403	691.655	691.151	Q[26]
Q[16]	439.508	663.393	659.389	659.641	659.137	Q[25]
G[17]	453.761	648.130	645.133	645.385	644.881	G[24]
V[18]	478.528	634.883	630.878	631.130	630.626	V[23]
L[19]	506.799	610.110	606.111	606.363	605.859	L[22]
F[20]	533.662	593.944	591.840	591.092	589.389	F[21]
N[21]	559.573	587.561	583.577	583.829	583.325	N[20]
I[22]	587.844	529.071	525.066	525.318	524.814	I[19]
Q[23]	619.859	500.800	496.795	497.047	496.543	Q[18]
A[24]	627.618	468.788	464.780	465.032	464.528	A[17]
V[25]	662.385	451.026	447.021	447.273	446.769	V[16]
L[26]	690.856	428.260	423.254	423.506	422.002	L[15]
L[27]	718.927	397.860	393.863	394.235	393.731	L[14]
F[28]	743.190	369.710	365.712	365.964	365.460	F[13]
K[29]	775.214	345.453	341.449	341.701	341.197	K[12]
K[30]	807.238	313.430	309.425	309.677	309.173	K[11]
V[31]	832.500	281.400	277.401	277.653	277.149	V[10]
L[32]	864.760	256.144	252.139	252.391	251.887	L[9]
S[33]	896.518	223.881	219.879	220.131	219.627	S[8]
H[34]	920.783	202.120	198.121	198.373	197.869	H[7]
R[35]	955.048	167.801	163.806	164.108	163.604	R[0]
K[36]	987.072	133.590	129.591	129.843	129.339	K[5]
A[37]	1004.831	101.572	97.567	97.819	97.315	A[4]
K[38]	1036.855	83.813	79.808	80.060	79.556	K[3]
G[39]	1053.110	53.780	47.784	48.036	47.532	G[2]
R[40]	1083.134	37.533	33.529	33.781	33.277	R[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK
28.03



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=48.63
- ▶ F113281.dat
- ▶ query=q36900.p1
- ▶ precursor=1444.164500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	y ₀	b	b'	b ₀	y	y'	y ₀	AA
E1	38	38	0.000	189.020	119.019	0.000	98.004	430.497	431.497	1342
E2	22	17	0.000	180.011	120.017	0.000	22.020	423.471	418.444	1340
E3	7	6	0.000	209.121	174.120	0.000	210.109	409.451	409.451	1338
E4	4	3	0.000	441.100	367.093	0.000	488.103	397.389	394.376	1334
N5	10	10	0.000	552.141	367.140	0.000	367.140	367.140	367.140	1330
F16	114	70	0.000	661.120	729.141	114.113	711.131	17.012	17.012	1328
L7	14	4	0.000	706.433	842.425	826.380	824.415	360.181	358.171	1324
L8	10	4	0.000	600.500	805.500	818.461	807.500	340.000	342.000	1320
G9	10	10	0.000	600.500	818.461	818.461	818.461	310.000	310.000	1318
K10	114	60	0.000	1172.653	1168.657	1111.610	1150.607	1110.614	1109.611	1312
V11	1239	731	1242.700	1242.700	1267.736	1250.699	1250.717	1142.684	1140.671	1310
I12	7	7	0.000	1330.762	1330.762	1330.762	1330.762	1040.761	1040.761	1308
E13	10	10	0.000	1430.814	1461.857	1464.814	1464.814	1000.731	1000.731	1306
L14	124	60	0.000	1500.881	1552.894	1535.884	1535.884	1000.647	1000.647	1302
Q15	10	10	0.000	1610.943	1610.943	1610.943	1610.943	1000.561	1000.561	1300
G16	10	10	0.000	1691.969	1700.968	1720.948	1719.964	1000.510	1001.501	1298
L17	117	101	1148.910	1148.910	1174.938	1174.938	1174.938	1000.530	1000.519	1294
V18	10	10	0.000	1800.974	1800.974	1800.974	1800.974	1000.460	1001.451	1292
L19	1979	154	1979.154	1979.154	1999.140	1990.122	1999.140	1000.441	1001.431	1288
P20	10	10	0.000	2000.100	2000.100	2000.100	2000.100	1000.380	1000.380	1284
L21	110	110	0.000	2110.110	2110.110	2110.110	2110.110	1000.360	1000.360	1280
Q22	10	10	0.000	2200.120	2200.120	2200.120	2200.120	1000.340	1000.340	1278
Q23	10	10	0.000	2410.100	2410.100	2410.100	2410.100	1000.310	1001.300	1274
L24	10	10	0.000	2500.110	2500.110	2500.110	2500.110	1000.290	1001.280	1270
V25	10	10	0.000	2600.120	2600.120	2600.120	2600.120	1000.270	1001.260	1268
L26	117	101	1174.910	1174.910	1174.910	1174.910	1174.910	1000.250	1001.240	1264
L27	10	10	0.000	2800.120	2800.120	2800.120	2800.120	1000.230	1001.220	1260
P28	24	12	0.000	3000.120	3000.120	3000.120	3000.120	1000.210	1001.200	1256
K29	10	10	0.000	3100.130	3100.130	3100.130	3100.130	1000.190	1001.180	1252
L30	10	10	0.000	3200.140	3200.140	3200.140	3200.140	1000.170	1001.160	1248
L31	10	10	0.000	3300.150	3300.150	3300.150	3300.150	1000.150	1001.140	1244
E32	10	10	0.000	3400.160	3400.160	3400.160	3400.160	1000.130	1001.120	1240
L33	10	10	0.000	3500.170	3500.170	3500.170	3500.170	1000.110	1001.100	1236
L34	10	10	0.000	3600.180	3600.180	3600.180	3600.180	1000.090	1001.080	1232
H35	10	10	0.000	3700.190	3700.190	3700.190	3700.190	1000.070	1001.060	1228
K36	10	10	0.000	3800.200	3800.200	3800.200	3800.200	1000.050	1001.040	1224
L37	10	10	0.000	3900.210	3900.210	3900.210	3900.210	1000.030	1001.020	1220
K38	10	10	0.000	4000.220	4000.220	4000.220	4000.220	1000.010	1001.010	1216
G39	10	10	0.000	4100.230	4100.230	4100.230	4100.230	1000.000	1001.000	1212
K40	10	10	0.000	4200.240	4200.240	4200.240	4200.240	1000.000	1001.000	1208

sp | Q6GSS7 | H2A2A_MOUSE

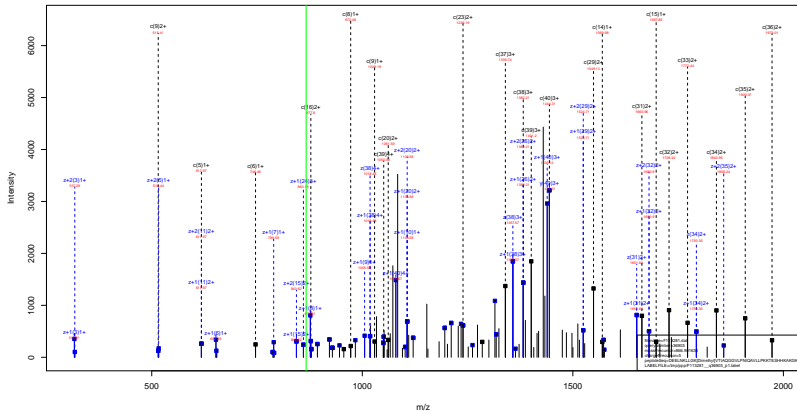
DEELNKLLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTESHHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=48.63
- ▶ F113281.dat
- ▶ query=q36900.p1
- ▶ precursor=1444.164500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	y ₂₀	b	b'	b ₂₀	y	y'	y ₂₀	AA					
E1	64	593	0.500	28	511	0.504	64	593	2180	1952	2187	220	2189	747	L340
E2	129	658	0.504	100	626	0.504	114	642	2180	1952	2187	220	2189	747	L340
E3	194	723	0.508	150	691	0.508	178	710	2180	1952	2187	220	2189	747	L340
E4	259	788	0.512	200	756	0.512	238	774	2180	1952	2187	220	2189	747	L340
E5	324	853	0.516	250	821	0.516	298	838	2180	1952	2187	220	2189	747	L340
E6	389	918	0.520	300	886	0.520	358	904	2180	1952	2187	220	2189	747	L340
E7	454	983	0.524	350	951	0.524	418	970	2180	1952	2187	220	2189	747	L340
E8	519	1048	0.528	400	1016	0.528	478	1036	2180	1952	2187	220	2189	747	L340
E9	584	1113	0.532	450	1081	0.532	538	1102	2180	1952	2187	220	2189	747	L340
E10	649	1178	0.536	500	1146	0.536	598	1168	2180	1952	2187	220	2189	747	L340
E11	714	1243	0.540	550	1211	0.540	658	1234	2180	1952	2187	220	2189	747	L340
E12	779	1308	0.544	600	1276	0.544	718	1290	2180	1952	2187	220	2189	747	L340
E13	844	1373	0.548	650	1341	0.548	778	1356	2180	1952	2187	220	2189	747	L340
E14	909	1438	0.552	700	1406	0.552	838	1412	2180	1952	2187	220	2189	747	L340
E15	974	1503	0.556	750	1471	0.556	898	1478	2180	1952	2187	220	2189	747	L340
E16	1039	1568	0.560	800	1536	0.560	958	1534	2180	1952	2187	220	2189	747	L340
E17	1104	1633	0.564	850	1601	0.564	1018	1600	2180	1952	2187	220	2189	747	L340
E18	1169	1698	0.568	900	1666	0.568	1078	1656	2180	1952	2187	220	2189	747	L340
E19	1234	1763	0.572	950	1731	0.572	1138	1712	2180	1952	2187	220	2189	747	L340
E20	1299	1828	0.576	1000	1796	0.576	1198	1768	2180	1952	2187	220	2189	747	L340
E21	1364	1893	0.580	1050	1861	0.580	1258	1824	2180	1952	2187	220	2189	747	L340
E22	1429	1958	0.584	1100	1926	0.584	1318	1880	2180	1952	2187	220	2189	747	L340
E23	1494	2023	0.588	1150	1991	0.588	1378	1936	2180	1952	2187	220	2189	747	L340
E24	1559	2088	0.592	1200	2056	0.592	1438	1992	2180	1952	2187	220	2189	747	L340
E25	1624	2153	0.596	1250	2121	0.596	1498	2048	2180	1952	2187	220	2189	747	L340
E26	1689	2218	0.600	1300	2186	0.600	1558	2104	2180	1952	2187	220	2189	747	L340
E27	1754	2283	0.604	1350	2251	0.604	1618	2160	2180	1952	2187	220	2189	747	L340
E28	1819	2348	0.608	1400	2316	0.608	1678	2216	2180	1952	2187	220	2189	747	L340
E29	1884	2413	0.612	1450	2381	0.612	1738	2272	2180	1952	2187	220	2189	747	L340
E30	1949	2478	0.616	1500	2446	0.616	1798	2328	2180	1952	2187	220	2189	747	L340
E31	2014	2543	0.620	1550	2511	0.620	1858	2384	2180	1952	2187	220	2189	747	L340
E32	2079	2608	0.624	1600	2576	0.624	1918	2440	2180	1952	2187	220	2189	747	L340
E33	2144	2673	0.628	1650	2641	0.628	1978	2496	2180	1952	2187	220	2189	747	L340
E34	2209	2738	0.632	1700	2706	0.632	2038	2552	2180	1952	2187	220	2189	747	L340
E35	2274	2803	0.636	1750	2771	0.636	2098	2608	2180	1952	2187	220	2189	747	L340
E36	2339	2868	0.640	1800	2836	0.640	2158	2664	2180	1952	2187	220	2189	747	L340
E37	2404	2933	0.644	1850	2901	0.644	2218	2720	2180	1952	2187	220	2189	747	L340
E38	2469	2998	0.648	1900	2966	0.648	2278	2776	2180	1952	2187	220	2189	747	L340
E39	2534	3063	0.652	1950	3031	0.652	2338	2832	2180	1952	2187	220	2189	747	L340
E40	2599	3128	0.656	2000	3096	0.656	2398	2888	2180	1952	2187	220	2189	747	L340
E41	2664	3193	0.660	2050	3161	0.660	2458	2944	2180	1952	2187	220	2189	747	L340
E42	2729	3258	0.664	2100	3226	0.664	2518	3000	2180	1952	2187	220	2189	747	L340
E43	2794	3323	0.668	2150	3291	0.668	2578	3056	2180	1952	2187	220	2189	747	L340
E44	2859	3388	0.672	2200	3356	0.672	2638	3112	2180	1952	2187	220	2189	747	L340
E45	2924	3453	0.676	2250	3421	0.676	2698	3168	2180	1952	2187	220	2189	747	L340
E46	2989	3518	0.680	2300	3486	0.680	2758	3224	2180	1952	2187	220	2189	747	L340
E47	3054	3583	0.684	2350	3551	0.684	2818	3280	2180	1952	2187	220	2189	747	L340
E48	3119	3648	0.688	2400	3616	0.688	2878	3336	2180	1952	2187	220	2189	747	L340
E49	3184	3713	0.692	2450	3681	0.692	2938	3392	2180	1952	2187	220	2189	747	L340
E50	3249	3778	0.696	2500	3746	0.696	2998	3448	2180	1952	2187	220	2189	747	L340

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK
28.03



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.79
- ▶ F113281.dat
- ▶ query=q36903.p1
- ▶ precursor=866.901630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D1	133.085	4330.497	4314.479	0.000	4313.471	D140
E12	282.103	4215.470	4199.452	0.000	4198.444	E130
E13	391.146	4086.428	4070.409	0.000	4069.401	E138
L14	594.230	3957.385	3941.366	0.000	3940.359	L137
N15	618.273	3844.301	3828.282	3829.290	3827.273	N136
K16	746.368	3730.259	3714.239	3715.247	3713.231	K135
L17	854.357	3602.163	3586.144	3587.152	3585.134	L134
L18	972.536	3489.079	3473.060	3474.068	3472.051	L133
G19	1029.558	3375.995	3359.976	3360.984	3358.969	G132
K10	1185.084	3318.974	3302.955	3303.963	3301.947	K131
V111	1284.752	3102.847	3146.629	3147.636	3145.621	V130
T112	1385.900	3063.779	3047.760	3048.768	3046.752	T129
I113	1498.984	2982.731	2946.713	2947.720	2945.705	I128
A114	1569.921	2849.641	2833.623	2834.630	2832.614	A127
Q115	1697.980	2778.610	2762.591	2763.599	2761.584	Q126
G116	1755.001	2650.562	2634.543	2635.541	2633.525	G125
G117	1812.023	2593.530	2577.511	2578.519	2576.504	G124
V118	1911.091	2536.509	2520.490	2521.498	2519.482	V123
L119	2024.175	2437.440	2421.421	2422.429	2420.414	L122
T120	2117.238	2324.395	2308.377	2309.385	2307.370	T121
N121	2235.271	2227.363	2211.345	2212.352	2210.337	N120
I122	2348.355	2113.300	2097.282	2098.290	2096.274	I119
Q123	2476.413	2000.176	1984.158	1985.165	1983.150	Q118
A124	2547.450	1872.118	1856.099	1857.107	1855.091	A117
V125	2646.519	1801.081	1785.062	1786.070	1784.054	V116
L126	2759.603	1702.012	1686.004	1687.011	1684.988	L115
L127	2872.687	1598.935	1572.909	1573.917	1571.902	L114
P128	2969.740	1475.844	1459.825	1460.833	1458.818	P113
K129	3097.835	1378.791	1362.773	1363.780	1361.765	K112
K130	3225.930	1250.696	1234.678	1235.685	1233.670	K111
T131	3326.977	1122.601	1106.583	1107.591	1105.575	T110
E132	3459.030	1011.554	1005.535	1006.543	1004.527	E109
S133	3543.052	892.511	876.492	877.500	875.485	S108
H134	3680.111	805.479	789.460	790.468	788.453	H107
H135	3817.170	668.420	652.401	653.409	651.394	H106
K136	3945.205	531.301	515.343	516.350	514.335	K105
A137	4016.302	403.266	387.248	388.255	386.240	A104
K138	4144.397	332.229	316.211	317.218	315.203	K103
G139	4201.418	204.134	188.116	188.123	187.109	G102
K140	4329.513	147.113	131.094	132.102	130.088	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.79
- ▶ F113281.dat
- ▶ query=q36903.p1
- ▶ precursor=866.901630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D 1	67.034	2165.752	2157.743	0.504	2157.239	Q40
E 2	111.955	2138.238	2130.229	0.504	2099.720	E30
E 3	196.077	2043.718	2035.709	0.504	2035.205	E18
L 4	252.619	1976.190	1971.187	0.504	1970.683	L17
N 5	309.640	1922.654	1914.645	1915.149	1914.141	N36
K 6	373.688	1895.633	1887.623	1858.127	1857.119	K35
L 7	430.230	1801.585	1793.576	1794.080	1793.072	L34
L 8	489.772	1745.043	1737.034	1737.538	1736.530	L13
G 9	515.282	1688.501	1680.492	1680.996	1679.989	G32
K 10	571.346	1659.990	1651.981	1652.485	1651.477	K31
V 11	642.880	1581.627	1573.618	1574.422	1573.414	V30
T 12	693.404	1532.303	1524.384	1524.888	1523.880	T29
L 13	769.646	1451.889	1473.880	1474.384	1473.386	L28
A 14	785.464	1425.327	1417.318	1417.822	1416.814	A27
Q 15	849.493	1389.809	1381.799	1382.303	1381.295	Q26
G 16	878.004	1325.779	1317.770	1318.274	1317.266	G25
G 17	906.515	1297.269	1289.259	1289.763	1288.755	G24
V 18	956.049	1268.758	1260.749	1261.252	1260.245	V23
L 19	1027.597	1219.244	1211.214	1211.718	1210.710	L22
P 20	1061.118	1162.662	1154.653	1155.156	1154.160	P21
N 21	1118.139	1114.155	1106.146	1106.650	1105.642	N20
I 22	1174.681	1057.134	1049.124	1049.628	1048.621	I19
Q 23	1238.710	1000.592	992.582	993.086	992.079	Q18
A 24	1274.229	936.563	928.553	929.057	928.049	A17
V 25	1323.763	891.044	893.035	893.539	892.531	V16
L 26	1389.305	853.510	843.500	844.004	843.996	L15
L 27	1436.847	794.968	786.958	787.462	786.454	L14
P 28	1485.374	738.426	730.416	730.920	729.912	P13
K 29	1549.421	699.899	691.890	692.394	691.386	K12
K 30	1613.468	635.852	617.842	618.346	617.339	K11
I 31	1663.992	581.804	573.795	574.299	573.291	I10
E 32	1728.514	511.281	503.271	503.775	502.767	E9
S 33	1772.030	446.759	438.750	439.254	438.246	S8
H 34	1840.559	403.243	395.234	395.738	394.730	H7
H 35	1909.089	334.714	326.704	327.208	326.200	H6
K 36	1973.136	266.184	258.175	258.679	257.671	K5
A 37	2008.655	202.139	194.129	194.633	193.625	A4
K 38	2072.702	168.618	158.609	159.113	158.105	K3
G 39	2101.213	102.571	94.561	95.065	94.057	G2
K 40	2165.260	74.060	66.051	66.555	65.547	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=61.79
- ▶ F113281.dat
- ▶ query=q36903.p1
- ▶ precursor=866.901630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D[1]	45.025	1444.171	1438.831	0.672	1438.495	D[40]
E[2]	68.039	1405.628	1401.657	0.672	1400.745	E[39]
E[3]	113.654	1362.874	1357.475	0.672	1357.139	E[38]
L[4]	158.748	1319.800	1314.460	0.672	1314.123	L[37]
N[5]	206.762	1282.105	1276.766	1.277	1276.430	N[36]
K[6]	249.401	1244.091	1238.751	1239.087	1238.415	K[35]
L[7]	287.156	1201.393	1196.053	1196.389	1195.717	L[34]
L[8]	324.869	1163.698	1157.757	1157.094	1156.022	L[33]
G[9]	353.252	1126.001	1120.664	1121.000	1120.328	G[32]
K[10]	395.899	1106.996	1101.656	1101.992	1101.321	K[31]
V[11]	438.602	1054.954	1049.614	1049.950	1049.278	V[30]
T[12]	482.605	1021.931	1016.592	1016.938	1016.250	T[29]
L[13]	500.299	988.249	982.959	983.245	982.573	L[28]
A[14]	523.979	956.554	948.212	945.550	944.870	A[27]
Q[15]	566.605	926.875	921.535	921.871	921.192	Q[26]
G[16]	585.672	884.189	878.849	879.185	878.513	G[25]
G[17]	604.679	865.182	859.842	860.178	859.500	G[24]
V[18]	637.702	846.174	840.835	841.171	840.499	V[23]
L[19]	678.397	813.152	807.812	808.148	807.470	L[22]
P[20]	707.747	775.821	770.117	770.453	769.781	P[21]
N[21]	748.762	743.106	737.766	738.102	737.430	N[20]
I[22]	781.456	705.002	699.752	700.088	699.410	I[19]
Q[23]	826.143	667.397	662.057	662.393	661.721	Q[18]
A[24]	849.827	634.711	619.371	619.707	619.035	A[17]
V[25]	882.844	603.015	595.692	596.028	595.356	V[16]
L[26]	920.539	568.009	562.669	563.005	562.333	L[15]
L[27]	958.234	530.314	524.975	525.311	524.639	L[14]
P[28]	990.505	492.620	487.280	487.616	486.944	P[13]
K[29]	1033.283	460.289	454.929	455.265	454.593	K[12]
K[30]	1075.981	427.570	412.231	412.567	411.895	K[11]
T[31]	1109.664	374.872	369.532	369.868	369.190	T[10]
E[32]	1152.678	341.180	335.850	336.186	335.514	E[9]
S[33]	1181.689	298.175	292.836	293.172	292.500	S[8]
H[34]	1227.375	269.185	263.825	264.161	263.489	H[7]
H[35]	1273.061	223.478	218.139	218.475	217.803	H[6]
K[36]	1318.769	177.762	172.483	172.768	172.110	K[5]
A[37]	1339.439	135.094	129.754	130.090	129.411	A[4]
K[38]	1382.137	111.415	106.075	106.411	105.739	K[3]
G[39]	1461.144	68.716	63.377	63.713	63.041	G[2]
K[40]	1443.843	49.709	44.370	44.705	44.031	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=61.79
- ▶ F113281.dat
- ▶ query=q36903.p1
- ▶ precursor=866.901630
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	1083.360	1078.375	0.755	1078.121	D[60]
E[2]	66.281	1054.623	1050.618	0.755	1050.366	E[39]
E[3]	98.542	1022.362	1018.358	0.755	1018.106	E[38]
L[4]	126.813	990.102	986.097	0.755	985.845	L[37]
R[5]	155.324	961.831	957.826	958.078	957.574	R[36]
K[6]	187.347	933.320	929.315	929.567	929.063	K[35]
L[7]	215.838	901.296	897.292	897.544	897.292	L[34]
L[8]	243.889	873.025	869.021	869.273	868.769	L[33]
G[9]	258.145	844.754	840.750	841.002	840.498	G[32]
K[10]	297.176	830.499	826.494	826.746	826.242	K[31]
V[11]	321.944	791.667	787.463	787.715	787.211	V[30]
T[12]	347.205	766.700	762.696	762.947	762.444	T[29]
I[13]	375.476	741.438	737.434	737.686	737.182	I[28]
A[14]	393.236	713.167	709.163	709.415	708.911	A[27]
Q[15]	425.250	695.408	691.403	691.655	691.151	Q[26]
G[16]	439.508	663.393	659.389	659.641	659.137	G[25]
G[17]	453.761	640.138	645.133	645.385	644.881	G[24]
V[18]	478.528	634.883	630.878	631.130	630.626	V[23]
L[19]	506.799	610.116	606.111	606.363	605.859	L[22]
P[20]	533.662	581.844	577.840	578.092	577.588	P[21]
N[21]	559.573	557.581	553.577	553.829	553.325	N[20]
I[22]	587.944	529.071	525.066	525.318	524.814	I[19]
Q[23]	619.859	500.800	496.795	497.047	496.543	Q[18]
A[24]	637.618	468.785	464.780	465.032	464.528	A[17]
V[25]	662.385	451.026	447.021	447.273	446.769	V[16]
L[26]	690.856	428.269	424.264	424.516	424.012	L[15]
L[27]	718.927	397.005	393.001	394.253	393.731	L[14]
P[28]	743.190	369.716	365.712	365.964	365.460	P[13]
K[29]	775.214	345.453	341.449	341.701	341.197	K[12]
K[30]	807.238	313.430	309.425	309.677	309.173	K[11]
T[31]	832.500	281.406	277.401	277.653	277.149	T[10]
E[32]	864.780	256.144	252.139	252.391	251.887	E[9]
S[33]	898.518	223.081	219.076	219.313	218.827	S[8]
H[34]	920.783	202.125	198.121	198.373	197.869	H[7]
H[35]	955.048	167.861	163.856	164.108	163.604	H[6]
K[36]	987.872	133.596	129.591	129.843	129.339	K[5]
A[37]	1004.831	101.572	97.567	97.819	97.315	A[4]
K[38]	1028.855	83.813	79.808	80.060	79.556	K[3]
G[39]	1051.110	51.789	47.784	48.036	47.532	G[2]
R[40]	1083.134	37.534	33.529	33.781	33.277	R[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.95
- ▶ F113281.dat
- ▶ query=q36904.p1
- ▶ precursor=1083.375300
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a.z0	b	b*	b.z0	y	y*	y.z0	AA
G1	88	89	0.000	79	80	0.000	88	89	4131	4131
E2	117	118	0.000	108	109	0.000	117	118	4212	4212
E3	146	147	0.000	137	138	0.000	146	147	4293	4293
L4	175	176	0.000	166	167	0.000	175	176	4374	4374
N5	204	205	0.000	195	196	0.000	204	205	4455	4455
K6	233	234	0.000	224	225	0.000	233	234	4536	4536
L7	262	263	0.000	253	254	0.000	262	263	4617	4617
L8	291	292	0.000	280	281	0.000	291	292	4698	4698
G9	320	321	0.000	309	310	0.000	320	321	4779	4779
K10	349	350	0.000	338	339	0.000	349	350	4860	4860
V11	378	379	0.000	367	368	0.000	378	379	4941	4941
T12	407	408	0.000	396	397	0.000	407	408	5022	5022
A13	436	437	0.000	425	426	0.000	436	437	5103	5103
G14	465	466	0.000	454	455	0.000	465	466	5184	5184
G15	494	495	0.000	483	484	0.000	494	495	5265	5265
G16	523	524	0.000	512	513	0.000	523	524	5346	5346
G17	552	553	0.000	541	542	0.000	552	553	5427	5427
V18	581	582	0.000	570	571	0.000	581	582	5508	5508
L19	610	611	0.000	600	601	0.000	610	611	5589	5589
P20	639	640	0.000	629	630	0.000	639	640	5670	5670
A21	668	669	0.000	658	659	0.000	668	669	5751	5751
G22	697	698	0.000	687	688	0.000	697	698	5832	5832
G23	726	727	0.000	716	717	0.000	726	727	5913	5913
V24	755	756	0.000	745	746	0.000	755	756	5994	5994
V25	784	785	0.000	774	775	0.000	784	785	6075	6075
L26	813	814	0.000	803	804	0.000	813	814	6156	6156
L27	842	843	0.000	832	833	0.000	842	843	6237	6237
L28	871	872	0.000	861	862	0.000	871	872	6318	6318
P29	900	901	0.000	890	891	0.000	900	901	6399	6399
K30	929	930	0.000	919	920	0.000	929	930	6480	6480
E31	958	959	0.000	948	949	0.000	958	959	6561	6561
E32	987	988	0.000	977	978	0.000	987	988	6642	6642
E33	1016	1017	0.000	1006	1007	0.000	1016	1017	6723	6723
L34	1045	1046	0.000	1035	1036	0.000	1045	1046	6804	6804
H35	1074	1075	0.000	1064	1065	0.000	1074	1075	6885	6885
K36	1103	1104	0.000	1093	1094	0.000	1103	1104	6966	6966
A37	1132	1133	0.000	1122	1123	0.000	1132	1133	7047	7047
K38	1161	1162	0.000	1151	1152	0.000	1161	1162	7128	7128
G39	1190	1191	0.000	1180	1181	0.000	1190	1191	7209	7209
K40	1219	1220	0.000	1209	1210	0.000	1219	1220	7290	7290

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTESHKAKGK^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=40.95
- ▶ F113281.dat
- ▶ query=q36904_p1
- ▶ precursor=1083.375300
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA			
E1	44	522	0.526	38	522	0.504	46	522	2160	72	2136	147	E40
E2	100	504	0.509	100	504	0.504	100	504	2160	72	2136	147	E39
E3	156	504	0.509	156	504	0.504	156	504	2160	72	2136	147	E38
E4	212	504	0.509	212	504	0.504	212	504	2160	72	2136	147	E37
E5	268	504	0.509	268	504	0.504	268	504	2160	72	2136	147	E36
E6	324	504	0.509	324	504	0.504	324	504	2160	72	2136	147	E35
E7	380	504	0.509	380	504	0.504	380	504	2160	72	2136	147	E34
E8	436	504	0.509	436	504	0.504	436	504	2160	72	2136	147	E33
E9	492	504	0.509	492	504	0.504	492	504	2160	72	2136	147	E32
E10	548	504	0.509	548	504	0.504	548	504	2160	72	2136	147	E31
E11	604	504	0.509	604	504	0.504	604	504	2160	72	2136	147	E30
E12	660	504	0.509	660	504	0.504	660	504	2160	72	2136	147	E29
E13	716	504	0.509	716	504	0.504	716	504	2160	72	2136	147	E28
E14	772	504	0.509	772	504	0.504	772	504	2160	72	2136	147	E27
E15	828	504	0.509	828	504	0.504	828	504	2160	72	2136	147	E26
E16	884	504	0.509	884	504	0.504	884	504	2160	72	2136	147	E25
E17	940	504	0.509	940	504	0.504	940	504	2160	72	2136	147	E24
E18	996	504	0.509	996	504	0.504	996	504	2160	72	2136	147	E23
E19	1052	504	0.509	1052	504	0.504	1052	504	2160	72	2136	147	E22
E20	1108	504	0.509	1108	504	0.504	1108	504	2160	72	2136	147	E21
E21	1164	504	0.509	1164	504	0.504	1164	504	2160	72	2136	147	E20
E22	1220	504	0.509	1220	504	0.504	1220	504	2160	72	2136	147	E19
E23	1276	504	0.509	1276	504	0.504	1276	504	2160	72	2136	147	E18
E24	1332	504	0.509	1332	504	0.504	1332	504	2160	72	2136	147	E17
E25	1388	504	0.509	1388	504	0.504	1388	504	2160	72	2136	147	E16
E26	1444	504	0.509	1444	504	0.504	1444	504	2160	72	2136	147	E15
E27	1500	504	0.509	1500	504	0.504	1500	504	2160	72	2136	147	E14
E28	1556	504	0.509	1556	504	0.504	1556	504	2160	72	2136	147	E13
E29	1612	504	0.509	1612	504	0.504	1612	504	2160	72	2136	147	E12
E30	1668	504	0.509	1668	504	0.504	1668	504	2160	72	2136	147	E11
E31	1724	504	0.509	1724	504	0.504	1724	504	2160	72	2136	147	E10
E32	1780	504	0.509	1780	504	0.504	1780	504	2160	72	2136	147	E9
E33	1836	504	0.509	1836	504	0.504	1836	504	2160	72	2136	147	E8
E34	1892	504	0.509	1892	504	0.504	1892	504	2160	72	2136	147	E7
E35	1948	504	0.509	1948	504	0.504	1948	504	2160	72	2136	147	E6
E36	2004	504	0.509	2004	504	0.504	2004	504	2160	72	2136	147	E5
E37	2060	504	0.509	2060	504	0.504	2060	504	2160	72	2136	147	E4
E38	2116	504	0.509	2116	504	0.504	2116	504	2160	72	2136	147	E3
E39	2172	504	0.509	2172	504	0.504	2172	504	2160	72	2136	147	E2
E40	2228	504	0.509	2228	504	0.504	2228	504	2160	72	2136	147	E1

sp | Q6GSS7 | H2A2A_MOUSE

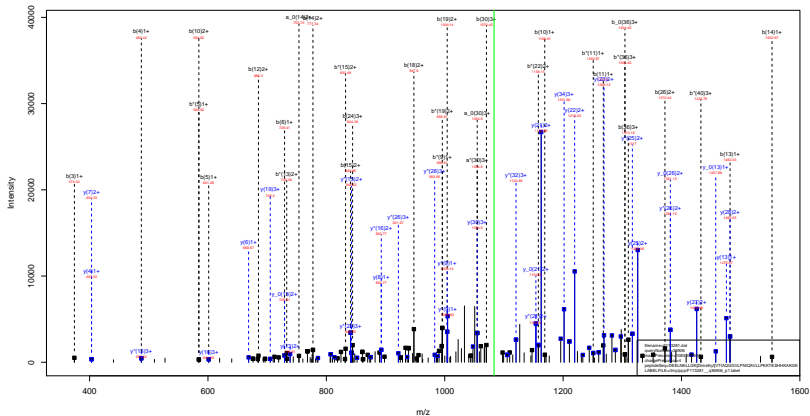
DEELNKLLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=40.95
- ▶ F113281.dat
- ▶ query=q36904_p1
- ▶ precursor=1083.375300
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	x	y	x ₀	y ₀	b	b ⁺	b ₀	y	y ⁺	y ₀	AA
E1	30	1010	0	0	1010	0	0	1010	0	0	E140
E2	73	1017	0	0	1017	0	0	1017	0	0	E136
E3	116	1024	0	0	1024	0	0	1024	0	0	E132
L4	159	1031	0	0	1031	0	0	1031	0	0	L127
N5	191	1038	0	0	1038	0	0	1038	0	0	N10
K6	234	1045	0	0	1045	0	0	1045	0	0	K10
L7	277	1052	0	0	1052	0	0	1052	0	0	L124
L8	320	1059	0	0	1059	0	0	1059	0	0	L121
L9	363	1066	0	0	1066	0	0	1066	0	0	L117
K10	406	1073	0	0	1073	0	0	1073	0	0	K112
V11	449	1080	0	0	1080	0	0	1080	0	0	V100
V12	492	1087	0	0	1087	0	0	1087	0	0	V106
E13	535	1094	0	0	1094	0	0	1094	0	0	E132
A14	578	1101	0	0	1101	0	0	1101	0	0	A127
Q15	621	1108	0	0	1108	0	0	1108	0	0	Q120
G16	664	1115	0	0	1115	0	0	1115	0	0	G125
G17	707	1122	0	0	1122	0	0	1122	0	0	G124
V18	750	1129	0	0	1129	0	0	1129	0	0	V123
L19	793	1136	0	0	1136	0	0	1136	0	0	L122
K20	836	1143	0	0	1143	0	0	1143	0	0	K124
E21	879	1150	0	0	1150	0	0	1150	0	0	E121
Q22	922	1157	0	0	1157	0	0	1157	0	0	Q126
Q23	965	1164	0	0	1164	0	0	1164	0	0	Q118
V24	1008	1171	0	0	1171	0	0	1171	0	0	V128
V25	1051	1178	0	0	1178	0	0	1178	0	0	V124
L26	1094	1185	0	0	1185	0	0	1185	0	0	L124
L27	1137	1192	0	0	1192	0	0	1192	0	0	L114
P28	1180	1199	0	0	1199	0	0	1199	0	0	P113
K29	1223	1206	0	0	1206	0	0	1206	0	0	K112
K30	1266	1213	0	0	1213	0	0	1213	0	0	K110
F31	1309	1220	0	0	1220	0	0	1220	0	0	F108
E32	1352	1227	0	0	1227	0	0	1227	0	0	E106
E33	1395	1234	0	0	1234	0	0	1234	0	0	E104
H34	1438	1241	0	0	1241	0	0	1241	0	0	H102
H35	1481	1248	0	0	1248	0	0	1248	0	0	H100
H36	1524	1255	0	0	1255	0	0	1255	0	0	H104
A37	1567	1262	0	0	1262	0	0	1262	0	0	A104
K38	1610	1269	0	0	1269	0	0	1269	0	0	K103
G39	1653	1276	0	0	1276	0	0	1276	0	0	G102
K40	1696	1283	0	0	1283	0	0	1283	0	0	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} V_{28.03}TIAQGGVLPNIQAVLLPKKTESHHKAKGK



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=52.36
- ▶ F113281.dat
- ▶ query=q36906.p1
- ▶ precursor=1083.375500
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA							
D1	38	039	0.000	70	039	116.034	0.000	86	024	4330.467	4311.471	0.940					
E1	37	000	0.000	70	071	146.071	0.000	127	069	4213.470	4138.444	0.710					
E2	346	134	0.000	508	114	174.118	0.000	160	130	4080.430	4006.417	0.740					
L1	4	350	300	441	109	487.203	480	353	107	300	300	3039.375	1.137				
R1	178	011	100	201	100	301.240	184	220	100	100	100	100	100				
R1	101	100	684.320	081	100	728.341	712.315	111	101	100	100	100	100				
L1	114	411	107	401	70	424.425	824.415	100	107	100	100	100	100				
L1	127	111	100	100	100	655.500	618.483	104	523	1375.950	1320.960	0.357	0.000				
K10	1140	000	1133	030	1122	012	1168.857	1151.833	1130	047	1118	047	1100	041	K131		
V11	1287	010	1272	004	1261	010	1267.736	1250.706	1250	010	1232	044	1214	041	V134		
I12	1140	010	1133	010	1122	010	1168.857	1151.833	1130	047	1118	047	1100	041	I120		
E13	443	000	443	000	443	000	1481.857	1464.833	1461	000	1461	000	1461	000	E121		
A14	124	000	1207	011	1208	009	1532.894	1515.869	1514	004	1496	041	1481	011	A127		
G15	100	000	100	000	100	000	100	000	100	000	100	000	100	000	G120		
G16	100	000	100	000	100	000	100	000	100	000	100	000	100	000	G120		
G17	1187	010	1180	010	1174	001	1174	000	1177	000	1176	000	1169	000	G124		
V18	1180	000	1180	000	1180	000	1180	000	1180	000	1180	000	1180	000	V120		
L19	1036	104	1032	112	1031	143	1030	110	1030	110	1027	441	1020	414	L122		
P20	1036	104	1032	110	1031	101	1031	101	1031	101	1028	101	1021	101	P121		
N21	1036	104	1032	112	1031	104	1031	111	1031	111	1028	111	1021	111	N120		
G22	2203	113	2200	123	2199	128	2194	102	2193	110	2113	200	2099	124	G124		
Q23	2411	101	2414	101	2411	101	2410	101	2411	101	2400	110	2388	110	Q120		
R14	1002	412	1000	401	1000	401	1000	401	1000	401	1000	401	1000	401	R117		
V15	2021	010	2014	011	2011	010	2010	010	2011	010	1997	011	1989	000	V110		
L16	1114	001	1087	000	1088	011	1074	010	1074	000	1068	000	1064	000	L113		
L17	107	000	1040	030	1039	010	1035	000	1038	034	1027	000	1017	000	L114		
R18	100	000	100	000	100	000	100	000	100	000	1475.844	1457.834	100	000	R114		
K19	102	011	1010	001	1004	001	1004	001	1005	001	1000	010	1000	001	K112		
K10	1180	000	1180	000	1180	000	1180	000	1180	000	1250.696	1233.670	1170	001	K113		
I11	1180	000	1180	000	1180	000	1180	000	1180	000	1300.375	1283.350	1170	001	I110		
E24	1150	000	1151	001	1150	000	1150	000	1150	000	1064.527	1049.541	1050	001	E110		
S13	1180	000	1180	000	1180	000	1180	000	1180	000	892.511	874.501	870	000	S110		
H14	1180	000	1180	000	1180	000	1180	000	1180	000	1180	000	1180	000	H110		
H15	1072	040	1070	122	1064	130	1060	114	1052	111	664.420	661.394	660	000	H10		
K16	1000	011	1001	111	1002	110	1001	111	1000	100	100	000	100	000	K10		
R17	1171	010	1164	010	1158	010	1158	010	1158	010	401.246	400	240	000	R10		
R18	1180	000	1180	000	1180	000	1180	000	1180	000	1180	000	1180	000	R10		
K19	4156	010	4156	010	4156	010	4156	010	4156	010	4156	010	4156	010	K10		
K10	4394	400	4387	400	4389	401	4311	407	4309	400	4306	400	427	111	130	000	K11

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLKLG^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=52.36
- ▶ F113281.dat
- ▶ query=q36906.p1
- ▶ precursor=1083.375500
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA			
E1	64	522	0.504	35	518	58.521	0.504	46	515	2160.75	2157.239	2156.747	E140
E2	100	505	0.504	100	505	123.974	0.504	114	517	2200.239	2196.733	2196.244	E139
E3	173	505	0.504	174	505	189.503	0.504	176	515	2643.719	2638.204	2638.712	E138
L14	180	505	0.504	181	505	194.505	0.504	182	505	2694.200	2689.685	2689.191	L137
N15	187	512	0.504	188	514	200.517	0.504	192	514	2744.691	2740.176	2739.682	N136
K16	251	512	0.504	252	512	350.514	0.504	252	515	3395.631	3389.115	3388.627	K135
L17	307	519	0.504	308	519	421.519	0.504	312	519	4127.711	4121.195	4120.701	L134
L18	354	519	0.504	355	519	476.519	0.504	358	519	4578.191	4571.675	4571.181	L133
L19	402	519	0.504	403	519	536.519	0.504	402	519	5029.675	5023.159	5022.665	L132
K10	500	505	0.504	501	505	604.512	0.504	501	505	5979.685	5973.169	5972.675	K131
V11	620	505	0.504	621	504	636.504	0.504	621	507	6374.644	6368.128	6367.634	V130
I12	670	505	0.504	671	505	684.500	0.504	676	507	675.683	675.167	674.675	I129
I13	747	489	718.922	748	489	742.489	732.919	747.489	1481.809	1474.809	1474.809	I128	
A14	781	485	782.485	781	485	776.951	768.438	787.486	1425.327	1418.814	1418.300	A127	
Q15	808	489	818.489	808	489	806.989	812.487	831.975	1381.295	1374.781	1374.267	Q126	
G16	855	489	856.489	855	489	850.491	856.978	880.485	1325.775	1319.262	1318.748	G125	
G17	889	489	890.489	889	489	884.997	888.488	888.488	1297.269	1290.755	1290.241	G124	
V18	885	516	825.516	824	533	847.536	818.519	838.531	1268.758	1260.243	1259.729	V123	
L19	990	480	981.478	980	482	1004.078	995.565	995.075	1218.224	1210.718	1210.212	L122	
P20	1018	480	1019.480	1018	480	1014.091	1041.599	1162.682	1154.168	1153.676	P121		
N11	1019	480	1020.480	1019	480	1108.626	1110.626	1110.626	1109.642	1109.156	1108.670	N120	
G21	1164	510	1144.510	1143	503	1143.510	1157.634	1157.634	1048.129	1047.641	1047.153	G119	
Q23	1185	480	1187.480	1186	484	1181.954	1221.984	1221.984	1000.789	999.301	998.813	Q118	
A14	1210	480	1211.480	1210	480	1205.743	1209.743	1209.743	936.563	935.075	934.587	A117	
V25	1210	480	1210.743	1210	482	1210.743	1206.743	1206.743	901.994	892.531	892.043	V116	
L17	1217	508	1218.508	1218	508	1213.219	1217.219	1217.219	851.518	842.998	842.504	L115	
L17	1243	508	1244.508	1243	514	1243.154	1243.154	1243.154	796.045	785.565	785.071	L114	
P26	1243	510	1244.510	1243	510	1243.154	1243.154	1243.154	738.426	737.940	737.454	P113	
K20	1310	480	1311.480	1310	480	1305.284	1309.284	1309.284	684.984	683.496	683.001	K112	
K130	1309	480	1310.484	1308	482	1304.975	1308.975	1308.975	625.975	617.455	616.967	K111	
L11	1341	480	1342.480	1340	478	1340.978	1340.978	1340.978	568.978	567.490	566.994	L110	
E12	1358	480	1359.480	1358	480	1353.978	1353.978	1353.978	511.978	509.490	508.994	E109	
S11	1349	510	1341.510	1340	514	1335.510	1335.510	1335.510	441.510	438.022	437.534	S10	
L14	1388	510	1389.510	1387	514	1383.510	1383.510	1383.510	401.241	398.753	398.265	L108	
H15	1388	510	1388.000	1387	512	1383.510	1383.510	1383.510	355.714	353.226	352.738	H107	
K130	1392	480	1393.480	1391	478	1388.978	1388.978	1388.978	308.978	297.472	296.974	K105	
K117	1389	480	1390.480	1388	478	1384.510	1384.510	1384.510	262.978	251.472	250.974	K104	
K130	2050	501	2041.501	2041	500	2054.500	2055.514	2055.514	180.514	178.026	177.538	K103	
G139	2071	480	2072.480	2069	478	2065.978	2065.978	2065.978	137.978	135.490	134.994	G102	
K140	2142	480	2143.480	2141	478	2138.214	2142.214	2142.214	84.980	82.492	81.994	K101	

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTESHKAKGK

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=52.36
- ▶ F113281.dat
- ▶ query=q36906.p1
- ▶ precursor=1083.375500
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA		
E1	30103	0.000	0.000	0.000	0.000	0.000	1464.111	1432.494	1416.077	E140		
E2	71.012	0.002	0.000	0.004	0.002	0.000	1402.823	1400.152	1398.005	E136		
E3	110.006	0.002	1.00001	0.000	0.004	0.000	1309.914	1307.439	1305.811	E130		
L4	153.942	0.002	147.978	0.002	0.002	0.000	1191.809	1184.134	1181.768	L127		
N5	181.791	0.000	180.792	0.001	0.001	0.000	1095.003	1070.430	1070.102	N130		
K6	228.945	0.000	228.945	0.000	0.000	0.000	939.966	924.913	924.908	K135		
L7	272.848	0.001	268.140	0.001	0.004	0.000	876.476	1261.383	1198.717	L134		
L8	309.043	0.004	303.040	0.000	0.000	0.000	813.173	1103.662	1158.022	1197.694	L133	
L9	308.930	0.004	302.929	0.000	0.004	0.000	812.916	1103.093	1158.208	1198.000	L133	
K10	360.800	0.012	354.800	0.004	0.004	0.000	694.294	1044.548	1044.299	K132		
V11	411.933	0.008	407.932	0.000	0.001	0.000	617.531	1034.954	1040.770	1040.990	V130	
V12	449.000	0.010	443.999	0.000	0.004	0.000	550.000	970.000	969.999	V129		
L13	488.971	0.016	482.968	0.000	0.000	0.000	482.968	988.240	982.573	L128		
A14	528.971	0.016	522.968	0.000	0.000	0.000	422.269	905.951	905.951	904.950	A127	
Q15	581.838	0.016	575.835	0.000	0.004	0.000	354.364	825.819	921.189	920.817	Q126	
G16	570.000	0.014	564.000	0.000	0.004	0.000	354.364	804.134	803.511	803.506	G125	
G17	588.972	0.016	582.969	0.000	0.004	0.000	354.364	805.951	805.328	805.319	G124	
V18	639.800	0.018	633.797	0.000	0.004	0.000	288.800	740.000	841.499	840.999	V123	
L19	688.900	0.014	682.897	0.000	0.004	0.000	228.900	813.152	807.476	807.148	L122	
K20	690.940	0.010	684.937	0.000	0.004	0.000	228.940	806.868	806.867	806.865	K124	
K21	738.880	0.014	732.877	0.000	0.004	0.000	168.880	734.483	734.482	734.481	K123	
Q22	788.440	0.014	782.437	0.000	777.781	0.000	108.440	705.090	699.418	699.988	Q126	
Q23	811.730	0.010	805.727	0.000	0.004	0.000	104.730	614.456	607.391	601.771	801.301	Q118
A24	834.813	0.010	828.810	0.000	0.004	0.000	104.813	636.417	629.450	623.829	829.317	A117
V25	889.819	882.182	881.834	844.148	0.000	0.000	89.819	591.493	591.199	601.030	590.995	V116
L26	900.932	0.010	894.929	0.000	0.004	0.000	89.932	593.000	592.705	592.700	892.100	L115
L27	902.900	0.010	896.897	0.000	0.004	0.000	89.900	593.000	592.705	592.700	891.800	L114
P28	915.938	0.010	909.935	0.000	0.004	0.000	89.938	593.000	592.705	592.700	914.938	P113
K29	928.944	1085.288	1084.911	1076.308	0.000	0.000	89.944	593.000	592.705	592.700	927.944	K112
K30	1082.974	1085.288	1084.911	1076.308	0.000	0.000	89.974	593.000	592.705	592.700	1081.974	K111
T31	1094.007	0.008	1088.004	0.000	1.01003	0.000	108.007	594.007	593.919	593.914	1093.007	T110
E32	1117.012	0.010	1111.009	0.000	1147.003	0.000	108.012	594.009	593.920	593.914	1116.012	E109
L33	1168.910	0.010	1162.907	0.000	0.004	0.000	108.910	594.009	593.920	593.914	1167.910	L108
H34	1213.908	0.008	1207.905	0.000	1.01003	0.000	108.908	594.009	593.920	593.914	1212.908	H107
H35	1268.914	0.008	1262.911	0.000	1.01003	0.000	108.914	594.009	593.920	593.914	1267.914	H106
V36	1324.912	0.010	1318.909	0.000	1333.763	0.000	108.912	594.009	593.920	593.914	1323.912	V105
A37	1389.910	0.010	1383.907	0.000	1.01003	0.000	108.910	594.009	593.920	593.914	1388.910	A104
K38	1449.910	0.010	1443.907	0.000	1.01003	0.000	108.910	594.009	593.920	593.914	1448.910	K103
G39	1488.910	0.010	1482.907	0.000	1.01003	0.000	108.910	594.009	593.920	593.914	1487.910	G102
K40	1498.910	0.010	1492.907	0.000	1.01003	0.000	108.910	594.009	593.920	593.914	1497.910	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLKLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=43.20
- ▶ F113281.dat
- ▶ query=q36929_p1
- ▶ precursor=869.702430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
E[1]	88	89	0	89	90	0	89	90	0	E[2]
E[2]	213	214	0	214	215	0	214	215	0	E[3]
E[3]	346	347	0	347	348	0	346	347	0	E[4]
L[4]	374	375	0	374	375	0	374	375	0	L[5]
K[5]	515	516	0	515	516	0	515	516	0	K[6]
R[6]	701	702	0	701	702	0	701	702	0	R[7]
L[7]	842	843	0	842	843	0	842	843	0	L[8]
L[8]	906	907	0	906	907	0	906	907	0	L[9]
L[9]	1005	1006	0	1005	1006	0	1005	1006	0	L[10]
V[11]	1097	1098	0	1097	1098	0	1097	1098	0	V[12]
V[12]	1197	1198	0	1197	1198	0	1197	1198	0	V[13]
A[14]	1390	1391	0	1390	1391	0	1390	1391	0	A[15]
Q[16]	1581	1582	0	1581	1582	0	1581	1582	0	Q[17]
Q[17]	1778	1779	0	1778	1779	0	1778	1779	0	Q[18]
V[18]	1830	1831	0	1830	1831	0	1830	1831	0	V[19]
L[19]	1924	1925	0	1924	1925	0	1924	1925	0	L[20]
P[20]	2046	2047	0	2046	2047	0	2046	2047	0	P[21]
N[21]	2162	2163	0	2162	2163	0	2162	2163	0	N[22]
R[22]	2276	2277	0	2276	2277	0	2276	2277	0	R[23]
Q[25]	2403	2404	0	2403	2404	0	2403	2404	0	Q[26]
A[24]	2474	2475	0	2474	2475	0	2474	2475	0	A[25]
V[25]	2577	2578	0	2577	2578	0	2577	2578	0	V[26]
L[26]	2688	2689	0	2688	2689	0	2688	2689	0	L[27]
L[27]	2799	2800	0	2799	2800	0	2799	2800	0	L[28]
P[28]	2904	2905	0	2904	2905	0	2904	2905	0	P[29]
R[29]	3004	3005	0	3004	3005	0	3004	3005	0	R[30]
R[30]	3102	3103	0	3102	3103	0	3102	3103	0	R[31]
L[31]	3203	3204	0	3203	3204	0	3203	3204	0	L[32]
L[32]	3304	3305	0	3304	3305	0	3304	3305	0	L[33]
S[33]	3409	3410	0	3409	3410	0	3409	3410	0	S[34]
R[34]	3507	3508	0	3507	3508	0	3507	3508	0	R[35]
R[35]	3614	3615	0	3614	3615	0	3614	3615	0	R[36]
R[36]	3712	3713	0	3712	3713	0	3712	3713	0	R[37]
A[37]	3811	3812	0	3811	3812	0	3811	3812	0	A[38]
R[38]	3911	3912	0	3911	3912	0	3911	3912	0	R[39]
Q[39]	4018	4019	0	4018	4019	0	4018	4019	0	Q[40]
R[40]	4100	4101	0	4100	4101	0	4100	4101	0	R[41]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=43.20
- ▶ F113281.dat
- ▶ query=q36929_p1
- ▶ precursor=869.702430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a.p	b	b*	b.p	y	y*	y.p	AA
E1	44.8021	0.500	393.518	388.021	0.504	488.459	2137.141	2168.228	2167.161	D140
E2	108.640	0.504	108.639	123.642	0.504	114.637	2135.223	2166.719	2168.203	E138
E3	172.478	0.504	169.561	189.635	0.504	176.532	2099.191	2074.195	2094.768	E136
L4	236.316	0.504	224.181	244.176	0.504	243.126	1986.186	1977.181	1977.181	L137
N5	299.154	228.633	278.124	301.127	292.614	292.614	202.122	1929.644	1924.131	N136
K16	363.014	302.694	284.114	366.114	356.608	356.608	198.009	1874.604	1869.104	K135
L17	426.852	366.530	348.114	421.112	411.109	411.111	1888.574	1888.003	1879.530	L134
L18	490.691	430.367	409.208	478.208	469.203	469.203	1792.031	1743.528	1743.038	L133
G19	554.529	494.203	473.206	548.206	539.202	539.202	1697.584	1659.451	1658.951	G132
R100	618.367	558.038	541.014	612.017	602.989	602.989	1603.134	1565.447	1564.947	R131
V111	682.205	621.803	601.308	620.301	611.298	611.300	1508.681	1504.431	1503.931	V130
I123	746.043	685.877	664.372	740.375	731.369	731.371	1414.231	1414.114	1414.114	I129
A14	810.881	704.906	704.614	676.615	718.903	718.411	1320.873	1294.361	1294.361	A128
G125	874.719	748.424	748.130	762.935	754.422	753.930	1226.915	1201.801	1201.801	G124
G116	938.557	808.261	787.765	816.967	818.461	817.969	1132.957	1132.841	1132.841	G123
G118	1002.395	962.101	933.471	955.475	946.962	946.470	1039.001	1038.884	1038.884	G122
G117	1066.233	1026.045	860.983	1017.988	978.473	977.981	945.043	944.926	944.926	G121
V118	818.933	818.899	818.827	818.827	818.827	824.931	1248.916	1248.246	1248.246	V117
L119	976.065	975.552	975.055	990.062	991.549	924.931	1240.229	1235.175	1235.174	L118
P120	1040.903	1040.388	1040.316	1040.316	1040.316	1040.316	1183.467	1175.174	1174.682	P121
N121	1104.741	1104.128	1104.057	1095.630	1087.097	1086.605	1135.161	1129.047	1129.155	N120
S122	1138.155	1137.542	1137.470	1152.152	1153.639	1104.939	1039.139	1039.026	1039.134	S123
Q123	1202.094	1201.481	1201.410	1201.410	1201.410	1201.410	946.999	946.999	946.999	Q118
A124	1265.932	1265.320	1265.249	1265.249	1265.249	1265.249	957.548	948.055	948.163	A117
V125	1329.770	1329.158	1329.087	1329.087	1329.087	1329.087	922.569	922.569	922.569	V124
L126	1393.608	1392.996	1392.925	1392.925	1392.925	1392.925	848.611	848.611	848.611	L125
L127	1457.446	1456.834	1456.763	1456.763	1456.763	1456.763	815.973	807.480	806.988	L124
R128	1521.284	1520.672	1520.601	1520.601	1520.601	1520.601	793.431	790.911	790.911	R123
K129	1585.122	1584.510	1584.439	1584.439	1584.439	1584.439	710.905	706.381	701.899	K122
K130	1648.960	1648.348	1648.277	1648.277	1648.277	1648.277	628.436	628.349	628.357	K111
L131	1712.798	1712.186	1712.115	1712.115	1712.115	1712.115	545.893	545.806	545.814	L130
E132	1776.636	1776.024	1775.953	1775.953	1775.953	1775.953	463.347	463.260	463.268	E131
L133	1840.474	1839.862	1839.791	1839.791	1839.791	1839.791	380.801	380.714	380.722	L132
L134	1904.312	1903.700	1903.629	1903.629	1903.629	1903.629	300.255	300.168	300.176	L133
L135	1968.150	1967.538	1967.467	1967.467	1967.467	1967.467	219.709	219.622	219.630	L134
K136	2031.988	2031.376	2031.305	2031.305	2031.305	2031.305	139.163	139.076	139.084	K135
K137	2095.826	2095.214	2095.143	2095.143	2095.143	2095.143	58.617	58.530	58.538	K136
K138	2159.664	2159.052	2158.981	2158.981	2158.981	2158.981	17.071	16.984	16.992	K137
G139	2223.502	2222.890	2222.819	2222.819	2222.819	2222.819	6.525	6.438	6.446	G138
K140	2287.340	2286.728	2286.657	2286.657	2286.657	2286.657	0.000	0.000	0.000	K138

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=43.20
- ▶ F113281.dat
- ▶ query=q36929_p1
- ▶ precursor=869.702430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
D1	30103	0.672	24.054	38.385	0.672	35.546	1448.833	1443.150	1442.507	Q140
E12	113353	0.674	69.059	69.924	0.674	70.300	1411.493	1404.813	1404.065	T119
E13	116150	0.672	110.041	125.378	0.672	133.554	1387.474	1381.798	1381.403	E118
L14	133191	0.672	147.726	152.003	0.672	157.069	1374.401	1367.726	1367.331	L117
N15	137173	0.672	181.702	181.081	0.672	181.411	1369.389	1362.714	1362.319	N116
K16	234404	230.731	230.450	245.793	238.135	237.762	1246.751	1243.076	1242.747	K115
L17	272140	186.413	186.141	201.463	215.804	215.476	1206.691	1203.177	1202.849	L114
L18	309204	264.108	263.849	310.179	311.499	311.171	1168.568	1162.620	1162.354	L113
G19	328208	323.171	322.947	339.161	335.506	332.116	1131.613	1125.665	1125.399	G112
K10	371188	386.814	386.541	389.881	379.269	384.697	1111.689	1105.966	1105.661	K111
V11	404174	388.882	388.583	411.917	408.277	407.698	1098.957	1093.185	1092.954	V110
L12	438208	433.913	433.269	444.516	441.916	441.662	1076.945	1071.269	1070.911	L109
L13	478188	430.213	429.544	445.264	479.058	475.277	1052.267	1046.288	1045.811	L108
A14	499.678	481.951	481.524	509.305	503.284	502.908	964.537	958.882	958.554	A107
G15	528214	530.813	530.381	541.449	544.916	544.462	946.876	941.261	940.811	G106
G16	561151	525.046	525.111	576.463	564.977	564.849	916.192	910.182	909.182	G105
G17	585133	534.651	534.129	569.660	581.964	581.696	878.185	873.119	872.132	G104
V18	611161	607.615	607.147	622.683	617.697	617.619	866.116	861.040	860.174	V103
L19	651249	605.211	605.253	609.371	604.162	604.174	827.135	821.401	821.152	L102
P20	681.397	677.721	677.303	694.724	689.051	688.745	789.488	783.785	783.457	P101
N21	721411	715.726	715.402	729.743	725.087	724.769	757.169	751.434	751.186	N100
N22	769108	714.843	714.702	706.437	762.762	762.434	713.895	711.430	711.027	N111
G23	801189	786.110	786.106	811.121	806.448	806.121	681.449	676.743	676.387	G108
A24	834191	818.793	818.481	834.802	828.127	828.709	636.714	633.019	632.711	A111
V25	856.454	819.811	819.746	849.449	844.916	844.699	601.419	600.511	600.156	V106
L26	890151	860.511	860.528	905.528	899.044	899.316	582.019	578.519	578.019	L115
L27	911163	868.269	867.879	943.213	932.019	937.211	564.519	560.619	560.119	L114
L28	931174	868.269	867.879	943.213	932.019	937.211	564.519	560.619	560.119	L113
P29	1008152	1003.251	1002.929	1019.264	1012.588	1012.260	506.823	503.219	502.819	P112
K30	1061488	1046.070	1045.627	1066.962	1055.267	1054.959	431.019	428.619	428.319	K111
L31	1088153	1059.029	1058.111	1071.019	1069.219	1068.619	408.019	406.519	406.019	L111
L32	1112162	1112.019	1112.019	1137.058	1131.981	1131.508	399.519	398.019	397.519	L110
S33	1157138	1131.688	1131.141	1168.671	1160.964	1160.666	314.119	306.519	306.119	S111
H34	1201124	1187.589	1187.021	1214.268	1208.688	1208.362	263.119	257.489	257.019	H111
N35	1268111	1219.019	1218.711	1244.844	1238.806	1238.406	197.419	193.419	193.019	N110
K36	1300456	1260.711	1260.443	1300.744	1292.688	1294.737	161.719	160.119	159.719	K110
A37	1311108	1269.412	1269.288	1274.429	1312.744	1312.418	149.019	147.419	147.019	A110
L38	1328113	1313.119	1312.811	1329.219	1328.449	1328.151	125.419	124.819	124.319	L109
G39	1376763	1371.119	1370.793	1395.125	1390.449	1390.123	92.709	92.049	91.679	G109
K40	1413149	1437.629	1437.489	1443.821	1437.151	1436.823	63.719	63.019	62.679	K110

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLKLVIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=43.20
- ▶ F113281.dat
- ▶ query=q36929_p1
- ▶ precursor=869.702430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
D1	32.000	0.750	18.281	28.044	0.750	35.282	1086.875	1087.831	1087.172	D140
E2	33.000	0.750	18.221	28.029	0.750	35.212		1087.866	1087.166	L139
E3	37.000	0.750	18.194	28.065	0.750	36.703	1025.857	1025.953	1025.303	E138
L4	113.000	0.750	114.059	112.566	0.750	118.074	951.507	950.146	949.044	L137
N5	144.000	1.000	149.046	141.067	1.000	148.011	949.004	965.126	965.060	N136
K12	170.000	1.000	171.059	169.064	1.000	170.029	916.006	916.000	915.550	K135
L17	204.000	1.000	209.066	211.362	1.000	208.030	904.193	904.131	903.369	L134
L18	230.000	2.000	236.112	238.613	2.000	236.376	875.192	872.365	871.017	L133
D19	246.000	2.000	254.161	253.166	2.000	252.624	848.249	845.900	844.796	G132
K10	276.000	2.000	278.411	280.912	2.000	281.406	841.406	833.004	830.711	K131
V11	303.000	2.000	309.113	310.819	2.000	308.422	806.176	803.820	802.713	V130
L11	330.000	3.000	339.444	339.944	3.000	338.944	811.410	809.803	807.606	L129
E13	357.000	3.000	362.211	364.212	3.000	363.006	794.704	794.044	792.448	E128
A14	374.000	3.000	380.479	381.971	3.000	377.715	777.468	773.000	769.441	A127
G12	408.000	4.000	407.446	413.946	4.000	409.413	770.113	701.854	701.408	G126
G10	421.000	4.000	425.743	426.243	4.000	423.580	725.720	713.506	710.000	G125
G17	435.000	4.000	439.999	442.497	4.000	437.994	693.641	693.100	691.118	G124
V18	460.000	4.000	465.766	467.264	4.000	463.007	669.711	641.129	640.003	V123
L19	480.000	4.000	485.023	486.520	4.000	483.019	661.612	630.818	630.000	L122
P20	517.000	5.000	518.291	519.789	5.000	516.941	615.406	607.327	606.000	P121
N21	541.000	5.000	546.003	548.504	5.000	544.002	643.006	636.004	633.002	N120
G22	568.000	6.000	569.474	570.974	6.000	568.024	614.074	608.118	605.111	G119
G23	601.596	7.000	603.093	604.596	7.000	604.102	611.100	507.846	506.800	G118
A24	619.000	6.000	624.852	626.354	6.000	622.007	621.011	619.208	615.003	A117
V24	644.000	6.000	649.611	651.111	6.000	649.604	648.110	646.906	643.900	V116
L26	672.000	6.000	677.366	678.866	6.000	676.110	624.006	626.103	623.000	L115
L27	700.000	6.000	705.121	706.621	6.000	704.110	602.400	604.201	601.000	L114
L28	724.000	6.000	726.423	727.923	6.000	727.660	581.110	582.110	579.113	L113
A29	756.000	6.000	761.443	762.943	6.000	759.093	750.447	655.006	651.000	K112
K30	788.000	7.000	794.477	795.977	7.000	793.471	623.010	624.010	619.410	K111
L31	814.000	7.000	820.740	821.240	7.000	818.014	816.733	784.010	787.000	L110
L32	840.000	7.000	846.241	847.741	7.000	845.240	846.903	816.010	815.010	E109
S33	866.000	8.000	869.000	869.750	8.000	869.997	870.011	874.000	870.000	S108
L34	891.000	8.000	896.017	896.517	8.000	895.267	805.016	747.006	746.010	L107
L35	916.000	8.000	921.266	922.766	8.000	920.266	814.010	814.010	811.010	L106
K36	946.000	8.000	944.552	944.308	8.000	943.007	871.051	871.305	844.000	K105
A17	969.000	8.000	962.311	963.300	8.000	969.110	869.004	812.015	807.000	A104
K38	1019.000	9.000	1014.089	1014.590	9.000	1014.948	804.000	806.010	804.000	K103
G39	1037.000	9.000	1042.500	1043.000	9.000	1038.580	1038.343	807.000	803.000	G102
K40	1075.000	10.000	1081.111	1080.612	10.000	1078.115	1077.869	801.000	801.000	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGLVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=79.67
- ▶ F113281.dat
- ▶ query=q36930.p1
- ▶ precursor=869.702430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	1	131.061	4344.477	4328.458	0.000	4327.450	D(40)
E	2	262.103	4329.450	4213.431	0.000	4212.423	E(39)
E	3	393.146	4304.407	4084.388	0.000	4083.380	E(38)
L	4	524.170	3971.364	3955.345	0.000	3954.337	L(17)
N	5	618.273	3858.260	3842.262	3843.269	3841.254	N(36)
K	6	746.368	3744.237	3728.219	3729.227	3727.211	K(35)
L	7	859.452	3618.143	3600.124	3601.132	3599.116	L(34)
L	8	972.536	3503.058	3487.040	3488.048	3486.032	L(33)
G	9	1029.558	3389.974	3373.955	3374.963	3372.946	G(25)
K	10	1157.652	3332.953	3318.934	3317.942	3315.926	K(31)
V	11	1256.721	3204.858	3188.839	3189.847	3187.831	V(30)
T	12	1357.769	3105.790	3089.771	3090.779	3088.763	T(29)
I	13	1470.853	3004.742	2988.723	2989.731	2987.715	I(28)
A	14	1587.897	2894.695	2878.676	2879.684	2877.668	A(27)
G	15	1669.948	2820.621	2804.602	2805.610	2803.594	G(26)
G	16	1728.970	2692.562	2676.543	2677.551	2675.535	G(25)
G	17	1783.991	2635.541	2619.522	2620.530	2618.514	G(24)
V	18	1883.060	2578.519	2562.500	2563.508	2561.493	V(23)
L	19	1996.144	2479.451	2463.432	2464.440	2462.424	L(22)
F	20	2033.168	2368.397	2352.378	2353.386	2351.370	F(21)
N	21	2207.239	2289.314	2273.295	2274.303	2272.287	N(20)
I	22	2330.323	2155.271	2139.252	2140.260	2138.244	I(19)
Q	23	2448.392	2042.181	2026.168	2027.176	2025.160	Q(18)
A	24	2518.419	1914.129	1898.110	1899.117	1897.102	A(17)
V	25	2618.458	1747.091	1827.073	1828.080	1826.065	V(16)
L	26	2731.572	1744.023	1728.004	1729.012	1727.000	L(15)
L	27	2844.656	1630.938	1614.920	1615.928	1613.912	L(14)
F	28	2941.708	1517.855	1501.836	1502.844	1500.828	F(13)
K	29	3059.803	1420.802	1404.783	1405.791	1403.775	K(12)
K	30	3197.898	1292.707	1276.688	1277.696	1275.680	K(11)
I	31	3289.948	1154.612	1138.593	1139.601	1137.585	I(10)
E	32	3427.989	1053.564	1047.546	1048.553	1046.537	E(9)
S	33	3515.021	934.522	918.503	919.511	917.495	S(8)
H	34	3652.080	847.490	831.471	832.479	830.463	H(7)
H	35	3789.119	710.431	694.412	695.420	693.404	H(6)
K	36	3817.233	572.372	567.353	568.361	566.345	K(5)
A	37	3958.274	448.271	429.252	430.260	428.254	A(4)
K	38	4118.366	374.240	358.221	359.229	357.213	K(3)
G	39	4173.397	246.145	230.126	231.134	229.118	G(2)
K	40	4343.493	189.123	173.105	174.112	172.097	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=79.67
- ▶ F113281.dat
- ▶ query=q36930.p1
- ▶ precursor=869.702430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	1	67.634	2172.742	2164.733	0.504	2164.229	D[40]
E	2	131.555	2135.228	2107.210	0.504	2106.715	E[39]
E	3	195.077	2097.709	2042.569	0.504	2042.190	E[38]
L	4	252.519	1986.186	1978.176	0.504	1977.673	L[37]
N	5	309.040	1929.644	1921.634	1922.138	1921.131	N[36]
K	6	373.658	1872.622	1864.613	1865.117	1864.109	K[35]
L	7	430.230	1808.575	1800.560	1801.069	1800.057	L[34]
L	8	486.772	1752.033	1744.023	1744.527	1743.520	L[33]
G	9	515.282	1695.493	1687.484	1687.989	1686.979	G[32]
K	10	579.130	1606.980	1608.971	1609.475	1608.467	K[31]
V	11	638.884	1602.933	1594.923	1595.427	1594.419	V[30]
T	12	679.388	1551.398	1545.389	1545.893	1544.885	T[29]
I	13	735.930	1502.875	1494.865	1495.369	1494.361	I[28]
A	14	771.449	1446.333	1438.323	1438.827	1437.819	A[27]
Q	15	835.476	1410.814	1402.804	1403.309	1402.301	Q[26]
G	16	863.989	1346.785	1338.775	1339.279	1338.271	G[25]
G	17	892.499	1318.274	1310.265	1310.768	1309.761	G[24]
V	18	942.033	1289.763	1281.754	1282.258	1281.250	V[23]
L	19	998.575	1240.229	1232.220	1232.724	1231.716	L[22]
T	20	1047.102	1183.687	1175.678	1176.182	1175.174	T[21]
N	21	1104.123	1138.161	1127.151	1127.655	1126.647	N[20]
I	22	1160.665	1078.139	1070.130	1070.634	1069.626	I[19]
Q	23	1224.695	1021.597	1013.588	1014.092	1013.084	Q[18]
A	24	1289.213	957.568	949.558	950.062	949.055	A[17]
V	25	1309.747	822.049	814.040	814.544	813.536	V[16]
L	26	1368.289	872.515	864.506	865.010	864.002	L[15]
L	27	1422.831	815.973	807.964	808.468	807.460	L[14]
P	28	1471.358	759.431	751.422	751.926	750.918	P[13]
K	29	1535.405	710.905	702.895	703.399	702.391	K[12]
K	30	1599.453	646.857	638.848	639.352	638.344	K[11]
I	31	1657.077	582.810	574.800	575.304	574.296	I[10]
E	32	1714.498	512.288	504.279	504.783	503.775	E[9]
S	33	1758.014	497.765	489.755	490.259	489.251	S[8]
H	34	1826.543	424.248	416.239	416.743	415.735	H[7]
H	35	1895.073	395.719	387.710	388.214	387.206	H[6]
K	36	1959.120	387.190	279.180	279.684	278.676	K[5]
A	37	1994.639	223.142	215.133	215.637	214.629	A[4]
K	38	2053.658	157.624	149.614	150.118	149.110	K[3]
G	39	2087.197	123.579	115.569	116.073	115.065	G[2]
K	40	2172.250	95.065	87.050	87.560	86.553	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=79.67
- ▶ F113281.dat
- ▶ query=q36930.p1
- ▶ precursor=869.702430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	45.025	1448.830	1443.491	0.672	1443.155	D[40]
E[2]	88.039	1410.488	1405.14	0.672	1408.811	E[39]
E[3]	131.054	1389.474	1362.134	0.672	1361.798	E[38]
L[4]	168.748	1324.460	1319.120	0.672	1315.764	L[37]
N[5]	206.762	1286.765	1281.425	1281.761	1281.089	N[36]
K[6]	269.461	1246.751	1243.411	1243.747	1243.075	K[35]
L[7]	287.156	1206.052	1200.713	1201.049	1200.377	L[34]
L[8]	324.850	1166.758	1163.018	1163.354	1162.682	L[33]
G[9]	343.257	1130.063	1125.323	1125.659	1124.986	G[32]
K[10]	386.556	1111.050	1106.310	1106.652	1105.980	K[31]
V[11]	419.578	1068.957	1063.618	1063.954	1063.282	V[30]
T[12]	453.201	1035.935	1030.595	1030.931	1030.259	T[29]
I[13]	490.956	1002.252	996.913	997.248	996.577	I[28]
A[14]	514.435	964.597	959.232	959.564	958.886	A[27]
Q[15]	557.221	940.878	935.539	935.875	935.203	Q[26]
G[16]	576.328	898.192	892.853	893.189	892.517	G[25]
G[17]	595.335	879.185	873.845	874.181	873.510	G[24]
V[18]	628.358	860.178	854.838	855.174	854.502	V[23]
L[19]	666.051	827.155	821.816	822.151	821.480	L[22]
T[20]	698.404	789.460	784.121	784.457	783.785	T[21]
N[21]	738.418	757.109	753.770	752.106	751.434	N[20]
I[22]	774.113	719.095	713.756	714.092	713.420	I[19]
Q[23]	816.799	681.400	676.061	676.397	675.725	Q[18]
A[24]	860.478	638.714	633.375	633.711	633.039	A[17]
V[25]	873.501	615.035	609.696	610.032	609.360	V[16]
L[26]	911.228	532.032	526.693	527.029	526.357	L[15]
L[27]	948.890	544.318	538.979	539.314	538.642	L[14]
F[28]	981.241	506.623	501.284	501.619	500.948	F[13]
K[29]	1021.939	474.272	468.933	469.269	468.597	K[12]
K[30]	1066.638	431.574	426.234	426.570	425.898	K[11]
T[31]	1100.220	388.876	383.536	383.872	383.200	T[10]
E[32]	1143.224	358.193	349.853	349.189	348.517	E[9]
S[33]	1172.345	312.179	306.839	307.175	306.503	S[8]
H[34]	1218.031	283.168	277.829	278.164	277.493	H[7]
H[35]	1263.718	237.462	232.122	232.476	231.806	H[6]
K[36]	1308.416	191.795	186.456	186.792	186.120	K[5]
A[37]	1330.095	149.097	143.758	144.094	143.422	A[4]
K[38]	1372.783	128.416	123.076	123.414	122.743	K[3]
G[39]	1391.801	82.720	77.381	77.716	77.044	G[2]
K[40]	1448.502	63.713	58.373	58.709	58.037	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=79.67
- ▶ F113281.dat
- ▶ query=q36930.p1
- ▶ precursor=869.702430
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	1	34.621	1086.875	1082.870	0.755	1082.618	L(40)
E	2	66.281	1058.113	1054.113	0.755	1053.861	L(38)
E	3	98.542	1025.857	1021.853	0.755	1021.601	E(38)
L	4	126.813	993.599	989.592	0.755	989.340	L(37)
N	5	155.324	965.326	961.321	961.573	961.069	N(36)
K	6	187.347	936.815	932.810	933.062	932.559	K(35)
L	7	215.618	904.791	900.786	901.038	900.534	L(34)
L	8	243.889	876.520	872.515	872.767	872.263	L(33)
G	9	258.145	848.240	844.244	844.496	843.992	G(32)
K	10	290.169	833.994	829.989	830.241	829.737	K(31)
V	11	314.936	801.970	797.965	798.217	797.713	V(30)
T	12	340.198	777.203	773.198	773.450	772.946	T(29)
I	13	368.469	751.941	747.936	748.188	747.684	I(28)
A	14	398.226	723.670	719.665	719.917	719.413	A(27)
Q	15	418.243	705.911	701.906	702.158	701.654	Q(26)
G	16	432.498	673.899	669.891	670.143	669.639	G(25)
G	17	446.753	659.641	655.636	655.888	655.384	G(24)
V	18	471.520	645.385	641.381	641.633	641.129	V(23)
L	19	499.791	620.618	616.613	616.865	616.362	L(22)
P	20	524.056	592.347	588.342	588.594	588.090	P(21)
N	21	552.305	568.084	564.079	564.331	563.827	N(20)
I	22	580.536	539.573	535.569	535.820	535.317	I(19)
Q	23	612.851	511.302	507.298	507.549	507.046	Q(18)
A	24	630.610	479.288	475.283	475.535	475.031	A(17)
V	25	655.377	461.528	457.524	457.776	457.272	V(16)
L	26	683.648	436.761	432.756	433.008	432.505	L(15)
L	27	711.919	409.490	404.485	404.737	404.234	L(14)
P	28	736.183	380.210	376.214	376.466	375.962	P(13)
K	29	768.206	355.959	351.951	352.203	351.699	K(12)
K	30	800.430	323.932	319.928	320.179	319.676	K(11)
T	31	825.492	291.908	287.904	288.156	287.652	T(10)
E	32	857.753	266.647	262.642	262.894	262.390	E(9)
S	33	879.511	234.389	230.383	230.635	230.132	S(8)
H	34	913.775	212.622	208.623	208.875	208.371	H(7)
H	35	948.040	178.361	174.358	174.610	174.107	H(6)
K	36	980.064	144.094	140.094	140.346	139.842	K(5)
A	37	997.823	112.075	108.070	108.322	107.818	A(4)
K	38	1029.847	94.315	90.311	90.563	90.059	K(3)
C	39	1044.102	62.292	58.287	58.539	58.035	C(2)
K	40	1088.629	48.036	44.032	44.284	43.780	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=53.87
- ▶ F113281.dat
- ▶ query=q36932.p1
- ▶ precursor=1086.876600
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
E1	38	39	0	40	41	0	42	43	44	D140
E2	2217.062	0.000	180.074	265.077	0.000	38.029	4344.471	4327.495	4320.466	E140
E3	746.124	0.000	309.117	374.119	0.000	227.000	4220.480	4212.424	4204.439	E139
L4	433.000	0.000	441.100	487.203	0.000	465.193	3971.300	3954.310	3947.304	L137
N5	173.251	100.225	150.241	160.240	100.225	583.236	3892.300	3884.254	3876.210	N136
K16	760.000	100.000	300.000	720.241	100.000	713.231	3749.200	3741.211	3733.269	K135
L7	114.431	187.424	390.420	842.425	187.420	824.415	3636.140	3628.114	3620.114	L134
L8	127.515	160.480	160.500	955.509	160.483	107.400	3513.000	3498.033	3483.048	L133
G9	160.000	987.509	160.000	1112.535	160.000	994.520	3339.000	3331.044	3323.064	G132
R10	1112.531	160.000	1140.526	160.000	1112.536	1112.536	3112.000	3104.026	3096.044	R131
V11	1211.699	1104.671	1104.699	1104.699	1104.699	1221.684	1104.699	1104.699	1104.699	V130
L12	1420.531	1420.531	1294.737	1420.531	1420.531	1420.531	3004.740	2997.710	2990.710	L129
A14	1490.000	1490.000	1490.000	1490.000	1490.000	1490.000	2881.000	2874.031	2867.044	A127
Q13	1554.000	1554.000	1554.000	1554.000	1554.000	1554.000	2667.000	2660.000	2653.000	Q126
G16	1681.000	1681.000	1681.000	1681.000	1681.000	1681.000	2453.000	2446.000	2439.000	G125
G17	1738.000	1738.000	1738.000	1738.000	1738.000	1738.000	2241.000	2234.000	2227.000	G124
V18	1810.000	1810.000	1810.000	1810.000	1810.000	1810.000	2029.000	2022.000	2015.000	V123
L19	1924.122	1924.122	1924.122	1924.122	1924.122	1924.122	1817.000	1810.000	1803.000	L122
P20	1948.170	1948.170	1948.170	1948.170	1948.170	1948.170	1605.000	1605.000	1605.000	P121
N21	2032.010	2032.010	2032.010	2032.010	2032.010	2032.010	1393.000	1393.000	1393.000	N120
S22	2056.300	2056.300	2056.300	2056.300	2056.300	2056.300	1181.000	1181.000	1181.000	S119
Q23	2081.000	2081.000	2081.000	2081.000	2081.000	2081.000	969.000	969.000	969.000	Q118
A24	2174.000	2174.000	2174.000	2174.000	2174.000	2174.000	757.000	757.000	757.000	A117
V25	2214.000	2214.000	2214.000	2214.000	2214.000	2214.000	545.000	545.000	545.000	V116
L26	2260.000	2260.000	2260.000	2260.000	2260.000	2260.000	333.000	333.000	333.000	L115
L27	2316.000	2316.000	2316.000	2316.000	2316.000	2316.000	121.000	121.000	121.000	L114
R28	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1.000	1.000	1.000	R113
K29	2444.162	2444.162	2444.162	2444.162	2444.162	2444.162	0.000	0.000	0.000	K112
K30	1532.077	1532.080	1532.080	1532.080	1532.080	1532.080	1292.700	1292.700	1292.700	K111
L31	1532.080	1532.080	1532.080	1532.080	1532.080	1532.080	1080.700	1080.700	1080.700	L110
E32	1381.000	1380.941	1380.941	1380.941	1380.941	1380.941	869.500	869.500	869.500	E109
S33	1089.000	1089.000	1089.000	1089.000	1089.000	1089.000	657.500	657.500	657.500	S108
T34	1074.111	1074.111	1074.111	1074.111	1074.111	1074.111	445.500	445.500	445.500	T107
H35	1044.111	1044.111	1044.111	1044.111	1044.111	1044.111	233.500	233.500	233.500	H106
K36	1072.012	1072.012	1072.012	1072.012	1072.012	1072.012	21.000	21.000	21.000	K105
A37	1049.000	1049.000	1049.000	1049.000	1049.000	1049.000	0.000	0.000	0.000	A104
K38	4072.344	4072.334	4072.334	4072.334	4072.334	4072.334	374.200	374.200	374.200	K103
G39	4120.000	4121.100	4121.100	4121.100	4121.100	4121.100	158.000	158.000	158.000	G102
K40	4206.011	4206.011	4206.011	4206.011	4206.011	4206.011	100.000	100.000	100.000	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=53.87
- ▶ F113281.dat
- ▶ query=q36932.p1
- ▶ precursor=1086.876600
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	x	y	x ²	y ²	x+y	x ² +y ²	x-y	x ² -y ²	AA
E1	44	100	1936	10000	144	11936	-60	-2400	E100
E2	110	245	12100	60025	155	72125	-135	-18225	E245
E3	175	390	30625	152100	215	182725	-115	-13225	E390
E4	240	535	57600	286225	275	758825	-95	-9025	E535
E5	305	680	93025	462400	335	1127025	-75	-5625	E680
E6	370	825	136900	680625	395	1564525	-55	-3025	E825
E7	435	970	189225	940900	455	2070125	-35	-1225	E970
E8	500	1115	250000	1243225	515	2663225	-15	-225	E1115
E9	565	1260	319225	1587600	585	3406825	5	25	E1260
E10	630	1405	396900	1974025	655	4273925	25	625	E1405
E11	695	1550	484025	2400500	725	5260525	55	3025	E1550
E12	760	1695	577600	2870025	795	6369025	135	18225	E1695
E13	825	1840	678225	3372400	865	7504625	215	46225	E1840
E14	890	1985	785100	3947025	935	8767625	295	87025	E1985
E15	955	2130	908025	4543500	1005	10158025	375	140625	E2130
E16	1020	2275	1036800	5161500	1075	11685025	455	207025	E2275
E17	1085	2420	1171225	5801500	1145	13350025	535	286225	E2420
E18	1150	2565	1311000	6463025	1215	15153025	615	378225	E2565
E19	1215	2710	1456225	7146500	1285	17094025	695	482025	E2710
E20	1280	2855	1607000	7851500	1355	19173025	775	596025	E2855
E21	1345	3000	1763225	8578500	1425	21390025	855	726025	E3000
E22	1410	3145	1925000	9326500	1495	23745025	935	872025	E3145
E23	1475	3290	2092225	10096500	1565	26238025	1015	1034025	E3290
E24	1540	3435	2265000	10887500	1635	28869025	1095	1204025	E3435
E25	1605	3580	2443225	11699500	1705	31643025	1175	1386025	E3580
E26	1670	3725	2627000	12532000	1775	34560025	1255	1580025	E3725
E27	1735	3870	2816225	13385500	1845	37620025	1335	1786025	E3870
E28	1800	4015	3011000	14259500	1915	40823025	1415	2004025	E4015
E29	1865	4160	3211225	15153500	1985	44170025	1495	2234025	E4160
E30	1930	4305	3417000	16067000	2055	47661025	1575	2476025	E4305
E31	1995	4450	3628225	17000500	2125	51297025	1655	2730025	E4450
E32	2060	4595	3845000	17953500	2195	55079025	1735	3000025	E4595
E33	2125	4740	4067225	18936500	2265	59008025	1815	3286025	E4740
E34	2190	4885	4295000	19949000	2335	63084025	1895	3588025	E4885
E35	2255	5030	4528225	21000500	2405	67308025	1975	3906025	E5030
E36	2320	5175	4767000	22091000	2475	71690025	2055	4240025	E5175
E37	2385	5320	5011225	23220500	2545	76231025	2135	4590025	E5320
E38	2450	5465	5261000	24389500	2615	80932025	2215	4956025	E5465
E39	2515	5610	5516225	25597000	2685	85794025	2295	5338025	E5610
E40	2580	5755	5777000	26843500	2755	90818025	2375	5736025	E5755
E41	2645	5900	6043225	28128500	2825	96004025	2455	6150025	E5900
E42	2710	6045	6315000	29451500	2895	101353025	2535	6580025	E6045
E43	2775	6190	6592225	30812000	2965	106865025	2615	7026025	E6190
E44	2840	6335	6875000	32209500	3035	112539025	2695	7488025	E6335
E45	2905	6480	7163225	33643500	3105	118374025	2775	7966025	E6480
E46	2970	6625	7457000	35113500	3175	124370025	2855	8460025	E6625
E47	3035	6770	7756225	36619000	3245	130527025	2935	8970025	E6770
E48	3100	6915	8061000	38160500	3315	136845025	3015	9496025	E6915
E49	3165	7060	8371225	39737500	3385	143325025	3095	10038025	E7060
E50	3230	7205	8687000	41350500	3455	150067025	3175	10596025	E7205
E51	3295	7350	9008225	42999000	3525	156972025	3255	11170025	E7350
E52	3360	7495	9335000	44682500	3595	164042025	3335	11760025	E7495
E53	3425	7640	9667225	46401500	3665	171277025	3415	12370025	E7640
E54	3490	7785	10005000	48155500	3735	178677025	3495	13000025	E7785
E55	3555	7930	10348225	49944000	3805	186242025	3575	12650025	E7930
E56	3620	8075	10697000	51767500	3875	193972025	3655	13320025	E8075
E57	3685	8220	11051225	53625500	3945	201867025	3735	14010025	E8220
E58	3750	8365	11411000	55518500	4015	209917025	3815	14720025	E8365
E59	3815	8510	11776225	57446000	4085	218122025	3895	15450025	E8510
E60	3880	8655	12147000	59408500	4155	226482025	3975	16200025	E8655
E61	3945	8800	12523225	61406500	4225	235097025	4055	16970025	E8800
E62	4010	8945	12905000	63439500	4295	243867025	4135	17760025	E8945
E63	4075	9090	13292225	65507000	4365	252792025	4215	18570025	E9090
E64	4140	9235	13685000	67609500	4435	261872025	4295	19400025	E9235
E65	4205	9380	14083225	69746500	4505	271107025	4375	20250025	E9380
E66	4270	9525	14487000	71918500	4575	280497025	4455	21120025	E9525
E67	4335	9670	14896225	74125000	4645	290042025	4535	22010025	E9670
E68	4400	9815	15311000	76366500	4715	299742025	4615	22920025	E9815
E69	4465	9960	15731225	78642500	4785	309597025	4695	23850025	E9960
E70	4530	10105	16157000	80953500	4855	319607025	4775	24800025	E10105
E71	4595	10250	16588225	83299000	4925	329772025	4855	25770025	E10250
E72	4660	10395	17025000	85679500	4995	340092025	4935	26760025	E10395
E73	4725	10540	17467225	88094500	5065	350567025	5015	27770025	E10540
E74	4790	10685	17915000	90544500	5135	361197025	5095	28800025	E10685
E75	4855	10830	18368225	93029000	5205	371982025	5175	29850025	E10830
E76	4920	10975	18827000	95548500	5275	382922025	5255	30920025	E10975
E77	4985	11120	19291225	98102500	5345	394017025	5335	32010025	E11120
E78	5050	11265	19761000	100691000	5415	405267025	5415	33120025	E11265
E79	5115	11410	20236225	103314500	5485	416672025	5495	34250025	E11410
E80	5180	11555	20717000	105977000	5555	428232025	5575	35400025	E11555
E81	5245	11700	21203225	108678500	5625	439947025	5655	36570025	E11700
E82	5310	11845	21695000	111418500	5695	451817025	5735	37760025	E11845
E83	5375	11990	22192225	114197500	5765	463842025	5815	38970025	E11990
E84	5440	12135	22695000	117025000	5835	476022025	5895	40200025	E12135
E85	5505	12280	23203225	119891500	5905	488357025	5975	41450025	E12280
E86	5570	12425	23717000	122804500	5975	500847025	6055	42720025	E12425
E87	5635	12570	24236225	125764500	6045	513492025	6135	44010025	E12570
E88	5700	12715	24761000	128771000	6115	526292025	6215	45320025	E12715
E89	5765	12860	25291225	131824500	6185	539247025	6295	46650025	E12860
E90	5830	13005	25827000	134925000	6255	552357025	6375	48000025	E13005
E91	5895	13150	26368225	138073000	6325	565622025	6455	49370025	E13150
E92	5960	13295	26915000	141268000	6395	579042025	6535	50760025	E13295
E93	6025	13440	27467225	144510500	6465	592617025	6615	52170025	E13440
E94	6090	13585	28025000	147800000	6535	606347025	6695	53600025	E13585
E95	6155	13730	28588225	151146000	6605	620232025	6775	55050025	E13730
E96	6220	13875	29157000	154558500	6675	634272025	6855	56520025	E13875
E97	6285	14020	29731225	158038000	6745	648467025	6935	58010025	E14020
E98	6350	14165	30311000	161584000	6815	662817025	7015	59520025	E14165
E99	6415	14310	30896225	165196000	6885	677322025	7095	61050025	E14310
E100	6480	14455	31487000	168874500	6955	691982025	7175	62600025	E14455

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=53.87
- ▶ F113281.dat
- ▶ query=q36932.p1
- ▶ precursor=1086.876600
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	aΔ	b	b'	bΔ	y	y'	yΔ	AA
E1	30	803	0.622	98.014	99.309	0.827	53.890	1440.830	1443.015	D340
E2	31	713	0.622	89.029	90.364	0.827	56.309	1410.488	1414.311	D340
E3	32	623	0.622	80.044	81.379	0.827	58.728	1379.479	1384.708	D340
L4	33	534	0.622	71.059	72.073	0.827	61.147	1350.464	1318.784	1318.456
N5	34	444	0.622	62.074	63.088	0.827	63.566	1321.450	1327.679	N6
K6	35	354	0.622	53.089	54.103	0.827	65.985	1292.435	1299.664	K7
L7	36	264	0.622	44.104	45.118	0.827	68.404	1263.420	1271.649	L8
L8	37	174	0.622	35.119	36.133	0.827	70.823	1234.405	1243.634	L9
K9	38	84	0.622	26.134	27.148	0.827	73.242	1205.390	1215.623	K10
K10	39	14	0.622	17.149	18.163	0.827	75.661	1176.375	1130.653	1124.967
V11	40	24	0.622	8.164	9.178	0.827	78.080	1147.360	1158.595	V12
V12	41	34	0.622	19.179	20.193	0.827	80.500	1118.345	1130.584	V13
V13	42	44	0.622	30.194	31.208	0.827	82.919	1089.330	1102.573	V14
E14	43	54	0.622	41.209	42.223	0.827	85.338	1060.315	1073.562	E15
K14	44	64	0.622	52.224	53.238	0.827	87.757	1031.300	954.802	934.875
Q15	45	74	0.622	63.239	64.253	0.827	90.176	1002.285	1017.520	Q16
Q16	46	84	0.622	74.254	75.268	0.827	92.595	973.270	989.505	Q17
Q17	47	94	0.622	85.269	86.283	0.827	95.014	944.255	961.490	Q18
V18	48	104	0.622	96.284	97.298	0.827	97.433	915.240	933.475	V19
V19	49	114	0.622	107.299	108.313	0.827	99.852	886.225	905.460	V20
E20	50	124	0.622	118.314	119.328	0.827	102.271	857.210	877.445	E21
E21	51	134	0.622	129.329	130.343	0.827	104.690	828.195	849.430	E22
E22	52	144	0.622	140.344	141.358	0.827	107.109	799.180	820.415	E23
E23	53	154	0.622	151.359	152.373	0.827	109.528	770.165	791.400	E24
E24	54	164	0.622	162.374	163.388	0.827	111.947	741.150	762.385	E25
E25	55	174	0.622	173.389	174.403	0.827	114.366	712.135	733.370	E26
E26	56	184	0.622	184.404	185.418	0.827	116.785	683.120	704.355	E27
E27	57	194	0.622	195.419	196.433	0.827	119.204	654.105	675.340	E28
E28	58	204	0.622	206.434	207.448	0.827	121.623	625.090	646.325	E29
E29	59	214	0.622	217.449	218.463	0.827	124.042	596.075	617.310	E30
E30	60	224	0.622	228.464	229.478	0.827	126.461	567.060	588.295	E31
E31	61	234	0.622	239.479	240.493	0.827	128.880	538.045	559.280	E32
E32	62	244	0.622	250.494	251.508	0.827	131.299	509.030	530.265	E33
E33	63	254	0.622	261.509	262.523	0.827	133.718	480.015	501.250	E34
E34	64	264	0.622	272.524	273.538	0.827	136.137	451.000	472.235	E35
E35	65	274	0.622	283.539	284.553	0.827	138.556	422.015	443.220	E36
E36	66	284	0.622	294.554	295.568	0.827	140.975	393.000	414.205	E37
E37	67	294	0.622	305.569	306.583	0.827	143.394	364.015	385.190	E38
E38	68	304	0.622	316.584	317.598	0.827	145.813	335.000	356.175	E39
E39	69	314	0.622	327.599	328.613	0.827	148.232	306.015	327.160	E40
E40	70	324	0.622	338.614	339.628	0.827	150.651	277.000	298.145	E41
E41	71	334	0.622	349.629	350.643	0.827	153.070	248.015	269.130	E42
E42	72	344	0.622	360.644	361.658	0.827	155.489	219.000	240.115	E43
E43	73	354	0.622	371.659	372.673	0.827	157.908	190.015	211.100	E44
E44	74	364	0.622	382.674	383.688	0.827	160.327	161.000	182.085	E45
E45	75	374	0.622	393.689	394.703	0.827	162.746	132.015	153.070	E46
E46	76	384	0.622	404.704	405.718	0.827	165.165	103.000	124.055	E47
E47	77	394	0.622	415.719	416.733	0.827	167.584	74.015	95.040	E48
E48	78	404	0.622	426.734	427.748	0.827	170.003	45.000	66.025	E49
E49	79	414	0.622	437.749	438.763	0.827	172.422	16.015	37.010	E50
E50	80	424	0.622	448.764	449.778	0.827	174.841	7.000	8.000	E51
E51	81	434	0.622	459.779	460.792	0.827	177.260	8.000	8.000	E52
E52	82	444	0.622	470.794	471.808	0.827	179.679	9.000	9.000	E53
E53	83	454	0.622	481.809	482.823	0.827	182.098	10.000	10.000	E54
E54	84	464	0.622	492.824	493.838	0.827	184.517	11.000	11.000	E55
E55	85	474	0.622	503.839	504.853	0.827	186.936	12.000	12.000	E56
E56	86	484	0.622	514.854	515.868	0.827	189.355	13.000	13.000	E57
E57	87	494	0.622	525.869	526.883	0.827	191.774	14.000	14.000	E58
E58	88	504	0.622	536.884	537.898	0.827	194.193	15.000	15.000	E59
E59	89	514	0.622	547.899	548.913	0.827	196.612	16.000	16.000	E60
E60	90	524	0.622	558.914	559.928	0.827	199.031	17.000	17.000	E61
E61	91	534	0.622	569.929	570.942	0.827	201.450	18.000	18.000	E62
E62	92	544	0.622	580.944	581.958	0.827	203.869	19.000	19.000	E63
E63	93	554	0.622	591.959	592.973	0.827	206.288	20.000	20.000	E64
E64	94	564	0.622	602.974	603.988	0.827	208.707	21.000	21.000	E65
E65	95	574	0.622	613.989	615.002	0.827	211.126	22.000	22.000	E66
E66	96	584	0.622	625.004	626.018	0.827	213.545	23.000	23.000	E67
E67	97	594	0.622	636.019	637.033	0.827	215.964	24.000	24.000	E68
E68	98	604	0.622	647.034	648.048	0.827	218.383	25.000	25.000	E69
E69	99	614	0.622	658.049	659.063	0.827	220.802	26.000	26.000	E70
E70	100	624	0.622	669.064	670.077	0.827	223.221	27.000	27.000	E71
E71	101	634	0.622	680.079	681.093	0.827	225.640	28.000	28.000	E72
E72	102	644	0.622	691.094	692.108	0.827	228.059	29.000	29.000	E73
E73	103	654	0.622	702.109	703.123	0.827	230.478	30.000	30.000	E74
E74	104	664	0.622	713.124	714.138	0.827	232.897	31.000	31.000	E75
E75	105	674	0.622	724.139	725.153	0.827	235.316	32.000	32.000	E76
E76	106	684	0.622	735.154	736.168	0.827	237.735	33.000	33.000	E77
E77	107	694	0.622	746.169	747.183	0.827	240.154	34.000	34.000	E78
E78	108	704	0.622	757.184	758.198	0.827	242.573	35.000	35.000	E79
E79	109	714	0.622	768.199	769.213	0.827	244.992	36.000	36.000	E80
E80	110	724	0.622	779.214	780.228	0.827	247.411	37.000	37.000	E81
E81	111	734	0.622	790.229	791.243	0.827	249.830	38.000	38.000	E82
E82	112	744	0.622	801.244	802.258	0.827	252.249	39.000	39.000	E83
E83	113	754	0.622	812.259	813.273	0.827	254.668	40.000	40.000	E84
E84	114	764	0.622	823.274	824.288	0.827	257.087	41.000	41.000	E85
E85	115	774	0.622	834.289	835.302	0.827	259.506	42.000	42.000	E86
E86	116	784	0.622	845.304	846.318	0.827	261.925	43.000	43.000	E87
E87	117	794	0.622	856.319	857.333	0.827	264.344	44.000	44.000	E88
E88	118	804	0.622	867.334	868.348	0.827	266.763	45.000	45.000	E89
E89	119	814	0.622	878.349	879.363	0.827	269.182	46.000	46.000	E90
E90	120	824	0.622	889.364	890.378	0.827	271.601	47.000	47.000	E91
E91	121	834	0.622	900.379	901.393	0.827	274.020	48.000	48.000	E92
E92	122	844	0.622	911.394	912.407	0.827	276.439	49.000	49.000	E93
E93	123	854	0.622	922.409	923.421	0.827	278.858	50.000	50.000	E94
E94	124	864	0.622	933.424	934.438	0.827	281.277	51.000	51.000	E95
E95	125	874	0.622	944.439	945.453	0.827	283.696	52.000	52.000	E96
E96	126	884	0.622	955.454	956.468	0.827	286.115	53.000	53.000	E97
E97	127	894	0.622	966.469	967.482	0.827	288.534	54.000	54.000	E98
E98	128	904	0.622	977.484	978.498	0.827	290.953	55.000	55.000	E99
E99	129	914	0.622	988.499	989.513	0.827	293.372	56.000	56.000	E100
E100	130	924	0.622	999.514	1000.527	0.827	295.791	57.000	57.000	E101
E101	131	934	0.622	1010.529	1011.543	0.827	298.210	58.000	58.000	E102
E102	132	944	0.622	1021.544	1022.557	0.827	300.629	59.000	59.000	E103
E103	133	954	0.622	1032.559	1033.571	0.827	303.048	60.000	60.000	E104
E104	134	964	0.622	1043.574	1044.585	0.827	305.467	61.000	61.000	E105
E105	135	974	0.622	1054.589	1055.600	0.827</				

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=57.49
- ▶ F113281.dat
- ▶ query=q36934.p1
- ▶ precursor=869.702830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	y*	a,y	b	b*	b,y	y	y*	a,y	AA
D1	381-389	0.000	381-389	116.054	0.000	381-389	4344.417	4344.450	4338-406	L140
E12	317-325	0.000	317-325	105.074	0.000	317-325	4200.450	4214.450	4211-830	L139
E13	346-354	0.000	346-354	374.118	0.000	356-189	4100.450	4083.100	4082-366	E138
L14				487.203		468-193	3911.100	3924.100	3923-304	L137
N15	373-281	558-225	381-241	461-244	384-220					N159
K16	320-328	309-328	303-328	229-304	172-310	F11-331	3744-231	3727-211	3726-227	K130
L17	314-331	307-309	796-420	842-425	825-399	824-431	3613.142	3599.110	3598-132	L134
L18	327-335	320-328	809-504	955-509	938-483	937-485	3523.000	3486.010	3485-040	L133
G19	308-328	307-309	309-328	811-531	809-398		3339.814	3327.840	3324-064	G132
K10	113-138	1085-804	3089-816	1449-816	1421-899	1419-816	3134.964	3116-916	3114-942	K131
V11	1011-1039	1104-874	1107-880	1120-880	1022-868	1021-868	3084.800	3107-810	3106-047	V130
L12	1329-141	1326-141	1329-141	1450-144	1409-119	1409-119	3009.700	3008.700	3008-700	L128
L13	1329-141			1461-876	1438-800	1438-800	3009-110	3007-110	3007-111	L129
A14	1396-1398	1478-814	1478-814	1524-810	1507-817	1506-815	2881.800	2878-810	2878-810	A127
G15	1329-141	1329-141	1329-141	1450-144	1409-119	1409-119	2829.814	2828.814	2828-700	G129
G16	1393-1404	1884-822	1883-830	1709-943	2092-917	1891-933	2692.500	2676.530	2674-502	G126
G17	1718-180	1721-941	1720-939	1708-940	1748-810	1748-804	2633.541	2618.110	2617-630	G125
V18	1358-1370	1821-822	1820-820	1886-813	1890-807	1889-805	2521.810	2505.400	2504-500	V122
L19	1751-182	1834-808	1833-811	1879-811	2092-914	1981-931	2479.470	2465-420	2461-440	L121
F120	1348-139	1811-138	1808-168	1896-116	2099-143	1998-139	2388.300	2348-140	2346-300	F121
N21	1392-138	2149-113	2148-107	2198-113	2171-106	2170-107	2488-114	2482-100	2481-103	N20
N22	1392-138	2149-113	2148-107	2198-113	2171-106	2170-107	2489-114	2483-100	2482-100	N20
G23	1392-138	2149-113	2148-107	2198-113	2171-106	2170-107	2490-114	2484-100	2483-100	G18
A14	1374-136	2487-101	2486-101	2500-100	2485-100	2484-100	1814.120	1807-110	1806-110	A117
V121	1374-136	2487-101	2486-101	2500-100	2485-100	2484-100	1815-110	1808-100	1807-100	V116
L126	1368-136	2689-524	2688-544	2714-545	2699-518	2698-510	1744-021	1728-990	1728-021	L125
L127	1368-136	2689-524	2688-544	2714-545	2699-518	2698-510	1744-021	1729-990	1729-021	L124
K128	1368-136	2689-524	2688-544	2714-545	2699-518	2698-510	1745-021	1730-990	1730-021	K123
K129	1364-132	3067-613	3056-773	3074-770	3056-750	3054-750	1430-800	1403-770	1402-781	K122
K130	1352-137	1139-639	1138-640	1103-817	1103-849	1102-814	1200-810	1178-600	1174-666	K113
L131	1353-144	1238-639	1237-644	1249-620	1242-643	1241-643	1101-811	1079-610	1078-644	L118
L132	1353-144	1238-639	1237-644	1249-620	1242-643	1241-643	1102-811	1081-610	1080-620	L119
K133	1369-139	3461-917	3461-908	3487-904	3482-888	3478-890	814-510	811-490	810-511	K111
K134	1367-139	3580-914	3580-940	3636-916	3618-927	3617-924	817-491	810-481	810-491	K117
K135	144-111	177-101	177-101	177-111	175-100	174-100	710-431			K110
K136	127-124	3651-111	3651-210	3660-210	3683-180	3682-110	871-372	558-345	0.000	K10
A137	143-130	3626-211	3626-210	3671-214	3654-210	3653-210	445-277	438-250	0.000	A16
K138	1171-114	4074-111	4074-111	4099-110	4099-110	4098-111	311-111	311-111	311-111	K109
G139	4120-360	4111-330	4110-350	4126-360	4130-334	4130-330	250-110	250-110	0.000	G12
K140	4388-491	4381-491	4380-481	4326-480	4308-491	4308-491	188-110	172-090	0.000	K11

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=57.49
- ▶ F113281.dat
- ▶ query=q36934_p1
- ▶ precursor=869.702830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a.p	b	b*	b.p	y	y*	y.p	AA	
E1	44	8021	0.509	285151	38521	0.504	481257	2137174	2168225	2163177	D140
E2	108	640	0.504	1080339	123242	0.504	1141617	2115225	2166719	2160823	E138
E3	172	508	0.504	1659561	187053	0.504	1712507	2099170	2164215	2164215	F138
L4	236	376	0.504	2241183	244150	0.504	2313497	2086118	2157181	2157181	L137
N5	299	120	228.623	2781124	301127	202.614	2864382	2079444	2162111	2162039	N136
K16	363	816	202.614	3421146	385174	202.614	3505360	2074800	2160104	2160104	K135
L17	427	712	388.336	4081144	461172	412.338	4187111	2068571	2158023	2158023	L134
L18	491	581	455.742	4851268	478228	469.745	4782351	2152351	2143529	2143529	L133
G19	555	449	429.229	5351266	588159	537.248	5453354	2150431	2150431	2150431	G132
R10	619	356	319	6081244	660187	610.251	6174318	2148588	2150243	2150243	R131
V11	683	300	287.820	6711242	722181	671.250	6805301	2146741	2150157	2150157	V130
T12	747	207	628.341	7361240	787175	736.249	7456300	2144894	2149311	2149311	T129
G13	811	149	700.861	8001238	851169	800.248	8092299	2143047	2148426	2148426	G128
A14	875	99	764.382	8641236	916163	864.247	8733298	2141200	2147585	2147585	A127
G15	939	47	828.903	9281234	971157	928.246	9374297	2139353	2146764	2146764	G126
G16	1003	1	893.424	9921232	1026151	992.245	10014286	2137506	2146175	2146175	G125
G17	1067	309	857.945	10561230	1081145	956.244	10654285	2135659	2145586	2145586	G124
V18	1131	209	822.466	11201228	1172139	822.243	11294284	2133812	2145000	2145000	V123
L19	1195	100	987.587	11841226	1223133	987.242	11934283	2131965	2144411	2144411	L122
P20	1259	1024	951	12481224	1278127	1024.241	12574282	2130118	2143814	2143814	P21
N21	1323	511	1016.108	13121222	1363121	1016.240	13214281	2128271	2143225	2143225	N20
G22	1387	1138	980.629	13761220	1427115	980.239	13854280	2126424	2142638	2142638	G19
Q23	1451	646	1041.150	14401218	1481109	1041.238	14504279	2124577	2142051	2142051	Q18
A24	1515	102	1106.271	14941216	1536103	1106.237	15034278	2122730	2141464	2141464	A17
V25	1579	218	1170.792	15581214	1591197	1170.236	15674277	2120883	2140877	2140877	V16
L26	1643	170	1235.313	16221212	1646191	1235.235	16314276	2119036	2140290	2140290	L15
L27	1707	40	1300.834	16861210	1701185	1300.234	17094275	2117189	2139703	2139703	L14
R28	1771	44	1365.355	17501208	1765179	1365.233	17594274	2115342	2139116	2139116	R13
K29	1835	206	1430.876	18141206	1820173	1430.232	18234273	2113495	2138529	2138529	K12
K30	1899	104	1495.397	18781204	1883167	1495.231	18874272	2111648	2137942	2137942	K11
L31	1963	44	1560.917	19421202	1947161	1560.230	19514271	2109801	2137355	2137355	L11
E32	2027	100	1625.438	20061200	2011155	1625.229	20154270	2107954	2136768	2136768	E10
S33	2091	50	1690.959	20701198	2075149	1690.228	20794269	2106107	2136181	2136181	S10
T34	2155	10	1755.480	21341196	2139143	1755.227	21434268	2104260	2135594	2135594	T9
T35	2219	10	1820.001	21981194	2193137	1820.226	22024267	2102413	2135007	2135007	T8
K36	2283	60	1885.522	22621192	2267131	1885.225	22714266	2100566	2134420	2134420	K7
A37	2347	10	1950.043	23261190	2331125	1950.224	23354265	2098719	2133833	2133833	A6
K38	2411	10	2015.564	23901188	2395119	2015.223	24044264	2096872	2133246	2133246	K5
G39	2475	60	2080.085	24541186	2459113	2080.222	24634263	2095025	2132659	2132659	G4
K40	2539	10	2145.606	25181184	2523111	2145.221	25274262	2093178	2132072	2132072	K4

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=57.49
- ▶ F113281.dat
- ▶ query=q36934.p1
- ▶ precursor=869.702830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a.p	b	b*	b.p	y	y*	y.p	AA
G1	30.000	0.000	28.014	30.000	0.000	31.000	34.000	31.000	34.000	D140
E2	17.000	0.000	17.000	18.004	0.000	19.000	14.000	14.004	14.000	E130
E3	110.000	0.000	110.000	110.000	0.000	110.000	110.000	110.000	110.000	E130
L4	153.191	0.000	147.708	153.191	0.000	157.000	134.400	131.000	131.000	L137
N5	101.220	100.000	101.220	101.220	100.000	101.220	120.792	120.792	120.792	N130
K16	224.944	220.000	220.000	224.944	220.000	224.944	220.000	220.000	220.000	K130
L17	177.130	166.431	166.431	181.430	176.204	176.204	156.431	156.431	156.431	L134
L18	109.243	104.100	104.100	110.170	111.400	111.400	111.400	111.400	111.400	L133
G19	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	G130
R100	171.500	165.545	165.545	180.000	176.500	176.500	171.500	171.500	171.500	R130
V111	100.000	300.000	300.000	111.000	100.000	100.000	100.000	100.000	100.000	V130
I123	430.234	430.234	460.000	430.234	430.234	430.234	430.234	430.234	430.234	I130
K14	490.000	480.000	480.000	500.000	490.000	490.000	480.000	480.000	480.000	K130
G15	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	G130
G16	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	G130
G17	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	G130
V18	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	V130
L109	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	L130
P120	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	P130
N121	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	N130
D122	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	D130
Q123	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	Q130
A124	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	A130
V125	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	V130
L126	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	L130
L127	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	L130
R128	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	R130
K129	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	K130
K130	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	K130
K131	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	K130
E132	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	E130
E133	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	E130
E134	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	E130
E135	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	E130
K136	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	K130
K137	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	K130
K138	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	K130
G139	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	G130
K140	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	K130

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=57.49
- ▶ F113281.dat
- ▶ query=q36934.p1
- ▶ precursor=869.702830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
D1	207.265	0.750	18.263	26.764	0.750	26.261	11689.819	1082.618	1082.372	D340
E12	302.505	0.750	268.505	428.265	0.750	427.509	10088.918	10088.918	10088.918	E119
E13	307.260	0.750	302.760	442.260	0.750	441.761	10078.915	1021.601	1021.300	E130
L14	112.508	0.750	112.508	122.508	0.750	121.504	10078.915	10078.915	10078.915	L137
N15	114.262	0.750	129.262	123.262	0.750	122.261	10078.915	965.376	965.376	N159
R16	176.262	1.71825	171.262	183.262	1.71825	179.264	176.262	929.013	929.013	R120
L17	204.261	0.750	199.261	211.261	0.750	210.261	10078.915	964.791	964.791	L134
L18	232.264	0.750	228.264	238.264	0.750	237.264	10078.915	10078.915	10078.915	L131
G19	290.262	0.750	285.262	293.262	0.750	292.262	10078.915	10078.915	10078.915	G125
V111	303.260	0.750	298.260	308.260	0.750	307.260	10078.915	841.921	841.746	V108
V112	308.262	0.750	303.262	313.262	0.750	312.262	10078.915	10078.915	10078.915	V105
I113	307.261	0.750	302.261	312.261	0.750	311.261	10078.915	751.941	747.684	I110
A114	314.263	0.750	309.263	319.263	0.750	318.263	10078.915	718.413	718.167	A122
G115	308.260	0.750	303.260	313.260	0.750	312.260	10078.915	705.911	701.406	G124
G116	321.263	4.15350	316.263	326.263	4.15350	325.263	321.263	699.303	699.303	G126
G117	431.260	4.31261	426.260	436.260	4.31261	435.260	431.260	655.184	655.178	G128
V118	460.261	4.31261	455.261	465.261	4.31261	464.261	460.261	642.179	642.179	V122
L119	468.262	4.31261	463.262	473.262	4.31261	472.262	468.262	629.013	629.013	L121
P120	517.260	1.68244	502.260	512.260	1.68244	511.260	507.260	589.000	589.000	P121
N121	541.261	1.68244	536.261	546.261	1.68244	545.261	541.261	583.929	583.929	N120
N122	559.261	1.68244	554.261	564.261	1.68244	563.261	559.261	578.919	578.919	N118
G123	601.596	1.68244	596.596	606.596	1.68244	605.596	601.596	507.046	506.800	G119
A124	619.595	614.852	614.852	624.852	614.852	623.852	619.595	475.013	475.013	A117
V125	644.593	4.31261	639.593	649.593	4.31261	648.593	644.593	469.303	469.303	V116
L126	672.595	6.88113	667.595	677.595	6.88113	676.595	672.595	438.761	432.209	L124
L127	680.594	6.88113	675.594	685.594	6.88113	684.594	680.594	424.129	424.129	L123
P128	700.594	6.88113	695.594	705.594	6.88113	704.594	700.594	377.669	377.669	P124
R129	756.592	17.0254	751.592	761.592	17.0254	750.593	750.447	355.956	351.699	R122
K130	768.593	17.0254	763.593	773.593	17.0254	772.593	768.593	323.013	323.013	K123
K131	769.592	17.0254	764.592	774.592	17.0254	773.592	769.592	287.929	287.929	K121
E132	846.497	842.241	841.241	851.498	849.239	848.193	846.497	262.169	262.169	E111
S133	858.260	6.88113	853.260	863.260	6.88113	862.260	858.260	226.129	226.129	S131
H134	867.591	6.88113	862.591	872.591	6.88113	871.591	867.591	212.029	212.029	H117
V135	876.592	6.88113	871.592	881.592	6.88113	880.592	876.592	176.303	176.303	V115
R136	908.810	904.552	904.500	914.552	904.552	913.551	911.260	148.000	148.000	R130
A137	908.590	6.88113	903.590	913.590	6.88113	912.590	908.590	112.013	112.013	A130
R138	918.591	6.88113	913.591	923.591	6.88113	922.591	918.591	88.129	88.129	R132
G139	1032.641	1025.544	1025.544	1035.640	1025.544	1030.543	1032.641	82.262	82.262	G129
K140	1035.591	1031.111	1031.011	1062.372	1078.115	1077.609	1035.591	43.800	43.800	K131

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.09
- ▶ F113281.dat
- ▶ query=q36935.p1
- ▶ precursor=869.702830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	1	133.061	4344.477	4328.458	0.000	4327.450	D[40]
E	2	262.103	4220.490	4213.431	0.000	4212.422	E[39]
E	3	391.146	4106.497	4098.389	0.000	4098.386	E[38]
L	4	504.230	3971.364	3955.346	0.000	3954.338	L[37]
N	5	618.273	3858.280	3843.262	3943.269	3841.254	N[36]
K	6	746.366	3744.237	3728.210	3726.227	3727.211	K[35]
L	7	859.452	3616.142	3600.124	3601.132	3599.116	L[34]
L	8	972.536	3503.058	3487.040	3488.056	3489.032	L[33]
G	9	1029.558	3389.014	3373.996	3374.013	3372.984	G[32]
K	10	1157.652	3332.953	3316.934	3317.942	3315.926	K[31]
V	11	1256.721	3204.858	3188.839	3189.847	3187.831	V[30]
T	12	1357.769	3105.790	3089.771	3090.779	3088.762	T[29]
I	13	1470.853	3004.742	2988.723	2989.731	2987.715	I[28]
A	14	1541.890	2891.698	2875.630	2876.647	2874.631	A[27]
Q	15	1609.948	2820.621	2804.602	2805.610	2803.594	Q[26]
G	16	1726.970	2692.562	2676.543	2677.551	2675.536	G[25]
G	17	1783.991	2618.541	2619.522	2620.530	2618.514	G[24]
V	18	1883.060	2578.519	2562.500	2563.508	2561.493	V[23]
L	19	1996.144	2479.451	2463.432	2464.440	2462.424	L[22]
P	20	2093.196	2366.367	2350.348	2351.356	2349.340	P[21]
N	21	2207.239	2209.314	2203.295	2204.303	2202.287	N[20]
I	22	2320.323	2155.271	2139.252	2140.260	2138.244	I[19]
Q	23	2448.382	2042.187	2026.168	2027.176	2025.160	Q[18]
A	24	2519.419	1914.128	1898.110	1899.117	1897.102	A[17]
V	25	2618.488	1843.091	1827.073	1828.080	1826.065	V[16]
L	26	2713.572	1714.023	1708.004	1718.012	1726.995	L[15]
L	27	2844.656	1630.938	1614.920	1615.928	1613.912	L[14]
P	28	2941.708	1517.855	1501.836	1502.844	1500.828	P[13]
K	29	3069.803	1420.802	1404.783	1405.791	1403.775	K[12]
K	30	3197.898	1292.707	1276.688	1277.696	1275.680	K[11]
E	31	3298.946	1104.612	1148.593	1149.601	1147.585	E[10]
E	32	3417.089	1013.564	1047.546	1048.554	1046.538	E[9]
S	33	3515.021	934.522	918.503	919.511	917.495	S[8]
H	34	3652.080	847.490	831.471	832.479	830.463	H[7]
H	35	3769.139	710.431	694.412	695.420	693.404	H[6]
K	36	3917.213	573.372	557.353	558.361	556.345	K[5]
A	37	3988.271	445.277	429.258	430.266	428.250	A[4]
K	38	4118.268	374.240	358.221	359.229	357.213	K[3]
G	39	4173.387	246.145	230.126	231.134	229.118	G[2]
K	40	4343.403	189.123	173.105	174.112	172.097	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.09
- ▶ F113281.dat
- ▶ query=q36935.p1
- ▶ precursor=869.702830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	1	87.634	2172.742	2164.733	0.504	2164.250	D(40)
E	2	131.555	2115.229	2107.219	0.504	2108.715	E(39)
E	3	168.277	2050.707	2042.698	0.504	2042.194	E(38)
L	4	252.619	1398.186	1379.176	0.504	1377.671	L(17)
N	5	309.640	1029.644	1021.634	1922.138	1021.131	N(36)
K	6	373.688	1872.622	1864.613	1865.117	1864.109	K(35)
L	7	430.230	1838.575	1800.566	1801.069	1800.067	L(34)
L	8	486.772	1752.033	1744.023	1744.527	1743.520	L(33)
G	9	515.282	1695.491	1687.481	1687.985	1686.979	G(25)
K	10	579.330	1666.980	1658.971	1659.475	1659.467	K(31)
V	11	638.884	1602.933	1594.923	1595.427	1594.419	V(30)
T	12	679.388	1553.398	1545.389	1545.893	1544.885	T(29)
L	13	735.930	1502.875	1494.865	1495.369	1494.361	L(28)
A	14	774.440	1448.333	1438.323	1438.827	1437.819	A(27)
G	15	834.478	1410.814	1402.804	1403.308	1402.301	G(26)
G	16	863.989	1346.785	1338.775	1339.279	1338.271	G(25)
G	17	892.499	1318.274	1310.265	1310.768	1309.761	G(24)
V	18	942.033	1289.763	1281.754	1282.258	1281.250	V(23)
L	19	992.575	1240.229	1232.220	1232.724	1231.716	L(22)
F	20	1047.102	1183.687	1175.677	1176.181	1175.174	F(21)
N	21	1104.123	1135.161	1127.151	1127.655	1126.647	N(20)
I	22	1160.695	1078.139	1070.130	1070.634	1069.626	I(19)
Q	23	1234.695	1021.597	1013.588	1014.092	1013.084	Q(18)
A	24	1290.213	957.568	949.558	950.062	949.055	A(17)
V	25	1309.747	922.049	914.040	914.544	913.536	V(16)
L	26	1364.289	874.515	864.506	865.010	864.002	L(15)
L	27	1422.811	815.973	807.964	808.468	807.460	L(14)
F	28	1471.358	759.431	751.422	751.926	750.918	F(13)
K	29	1535.405	710.905	702.895	703.399	702.391	K(12)
K	30	1590.453	648.957	638.848	639.352	638.344	K(11)
T	31	1649.977	589.816	581.806	582.310	581.302	T(10)
E	32	1714.498	532.289	524.279	524.783	523.775	E(9)
S	33	1758.014	467.765	459.755	460.259	459.251	S(8)
H	34	1826.543	424.248	416.239	416.743	415.735	H(7)
H	35	1895.073	395.719	387.710	388.214	387.206	H(6)
K	36	1953.120	381.180	373.170	373.674	372.666	K(5)
A	37	1994.639	223.142	215.133	215.637	214.629	A(4)
K	38	2058.688	187.624	179.614	180.118	179.110	K(3)
G	39	2087.197	123.576	115.567	116.071	115.063	G(2)
K	40	2172.250	95.065	87.056	87.560	86.552	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.09
- ▶ F113281.dat
- ▶ query=q36935.p1
- ▶ precursor=869.702830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D 1	43.625	1448.830	1443.493	0.672	1443.155	D 40
E 2	38.039	1410.488	1405.148	0.672	1404.811	E 39
E 3	131.054	1387.974	1382.134	0.672	1381.799	E 38
L 4	189.746	1374.460	1370.120	0.672	1318.784	L 17
N 5	206.762	1286.705	1281.425	1.281.761	1281.089	N 36
K 6	249.461	1248.751	1243.411	1243.747	1243.075	K 35
L 7	287.156	1230.053	1200.713	1201.049	1200.377	L 34
L 8	324.850	1188.358	1163.018	1163.354	1162.882	L 33
G 9	343.877	1130.563	1125.323	1125.659	1124.999	G 25
K 10	386.556	1111.650	1106.316	1106.652	1105.980	K 31
V 11	419.578	1068.957	1063.618	1063.954	1063.282	V 30
T 12	453.261	1035.935	1030.595	1030.931	1030.259	T 29
I 13	490.956	1002.252	996.913	997.248	996.577	I 28
A 14	514.675	964.557	959.218	959.554	958.882	A 27
Q 15	557.321	1040.976	935.539	935.875	935.201	Q 26
G 16	576.328	898.192	892.853	893.189	892.517	G 25
G 17	595.335	879.185	873.845	874.181	873.510	G 24
V 18	628.358	860.178	854.838	855.174	854.502	V 23
L 19	666.053	827.155	821.816	822.151	821.480	L 22
F 20	688.804	809.460	784.121	784.457	783.785	F 21
N 21	736.418	757.120	751.779	752.106	751.434	N 20
I 22	774.113	719.095	713.756	714.092	713.420	I 20
Q 23	816.799	681.400	676.061	676.397	675.725	Q 18
A 24	846.478	638.714	633.375	633.711	633.039	A 17
V 25	873.501	635.035	600.695	601.032	600.360	V 18
L 26	911.195	582.012	576.673	577.009	576.337	L 15
L 27	948.890	544.315	538.976	539.314	538.642	L 14
F 28	981.241	506.623	501.284	501.620	500.948	F 13
K 29	1023.939	474.272	468.933	469.269	468.597	K 12
K 30	1066.638	431.574	426.234	426.570	425.908	K 11
T 31	1109.338	388.876	383.537	383.873	383.200	T 10
E 32	1143.334	355.192	349.853	350.189	349.517	E 9
S 33	1172.345	312.179	306.839	307.175	306.503	S 8
H 34	1218.031	283.166	277.827	278.164	277.491	H 7
H 35	1263.716	237.482	232.142	232.478	231.806	H 6
K 36	1308.410	194.799	189.459	189.796	189.124	K 5
A 37	1330.095	149.101	143.758	144.094	143.422	A 4
K 38	1372.793	125.418	120.079	120.414	119.743	K 3
G 39	1391.801	81.720	77.380	77.716	77.044	G 2
K 40	1448.502	63.713	58.373	58.709	58.037	K 1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=67.09
- ▶ F113281.dat
- ▶ query=q36935.p1
- ▶ precursor=869.702830
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	1086.875	1082.870	0.755	1082.618	D[60]
E[2]	66.281	1058.118	1054.113	0.755	1053.865	E[39]
E[3]	98.542	1029.857	1021.853	0.755	1021.601	E[38]
L[4]	126.813	993.597	989.592	0.755	989.340	L[37]
N[5]	155.324	965.326	961.321	961.573	961.069	N[36]
K[6]	187.347	936.815	932.810	933.062	932.558	K[35]
L[7]	215.638	904.791	900.786	901.038	900.534	L[34]
L[8]	243.889	876.530	872.515	872.767	872.263	L[33]
G[9]	258.145	848.249	844.244	844.496	843.992	G[32]
K[10]	290.169	833.994	829.989	830.241	829.737	K[31]
V[11]	314.936	801.970	797.965	798.217	797.713	V[30]
T[12]	340.189	777.203	773.198	773.450	772.946	T[29]
I[13]	368.469	751.941	747.936	748.188	747.684	I[28]
A[14]	386.228	723.876	719.865	719.917	719.413	A[27]
Q[15]	418.243	705.911	701.906	702.158	701.654	Q[26]
Q[16]	432.498	673.896	669.891	670.143	669.639	Q[25]
G[17]	446.753	659.641	655.636	655.888	655.384	G[24]
V[18]	471.520	645.385	641.381	641.633	641.129	V[23]
L[19]	499.791	620.618	616.613	616.865	616.362	L[22]
F[20]	524.055	592.347	588.342	588.594	588.090	F[21]
N[21]	552.065	568.084	564.079	564.331	563.827	N[20]
I[22]	580.836	539.573	535.569	535.820	535.317	I[19]
Q[23]	612.851	511.302	507.298	507.549	507.046	Q[18]
A[24]	630.610	479.288	475.283	475.535	475.031	A[17]
V[25]	655.377	461.528	457.524	457.776	457.272	V[16]
L[26]	683.648	436.761	432.756	433.008	432.505	L[15]
L[27]	711.939	408.490	404.485	404.737	404.234	L[14]
N[28]	736.183	380.219	376.214	376.466	375.963	N[13]
K[29]	768.206	355.956	351.951	352.203	351.699	K[12]
K[30]	800.230	323.932	319.928	320.179	319.676	K[11]
T[31]	825.492	291.908	287.904	288.156	287.652	T[10]
E[32]	857.753	266.647	262.642	262.894	262.390	E[9]
S[33]	879.511	234.386	230.381	230.633	230.129	S[6]
H[34]	913.715	212.828	208.823	209.075	208.571	H[7]
H[35]	948.040	178.363	174.358	174.610	174.107	H[0]
K[36]	980.064	144.098	140.094	140.346	139.842	K[5]
A[37]	997.823	112.075	108.070	108.322	107.818	A[4]
K[38]	1029.847	94.315	90.311	90.563	90.059	K[3]
G[39]	1044.102	62.292	58.287	58.539	58.035	G[2]
K[40]	1086.629	48.036	44.032	44.284	43.780	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=63.48
- ▶ F113281.dat
- ▶ query=q36936.p1
- ▶ precursor=724.920490
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	1	131.061	4344.477	4328.458	0.000	4327.450	D(40)
E	2	262.103	4229.450	4213.431	0.000	4212.423	E(39)
E	3	301.150	4104.407	4088.388	0.000	4087.380	E(38)
L	4	394.230	3971.364	3955.345	0.000	3954.337	L(17)
N	5	618.273	3858.260	3842.242	3843.269	3841.254	N(36)
K	6	746.368	3744.237	3728.219	3729.237	3727.211	K(35)
L	7	899.452	3618.142	3602.124	3601.132	3599.110	L(34)
L	8	972.536	3503.098	3487.040	3488.048	3486.032	L(33)
G	9	1029.556	3389.974	3373.955	3374.963	3372.946	G(25)
K	10	1157.652	3332.953	3316.934	3317.942	3315.926	K(31)
V	11	1256.721	3204.858	3188.839	3189.847	3187.831	V(30)
T	12	1357.769	3105.790	3089.771	3090.779	3088.763	T(29)
I	13	1470.853	3004.742	2988.723	2989.731	2987.715	I(28)
A	14	1541.890	2891.658	2875.639	2876.647	2874.631	A(27)
Q	15	1609.948	2820.621	2804.602	2805.610	2803.594	Q(26)
G	16	1726.970	2692.562	2676.543	2677.551	2675.535	G(25)
G	17	1783.991	2635.541	2619.522	2620.530	2618.514	G(24)
V	18	1883.080	2578.519	2562.500	2563.508	2561.493	V(23)
L	19	1996.144	2479.451	2463.432	2464.440	2462.424	L(22)
F	20	2033.198	2368.397	2352.378	2353.386	2351.369	F(21)
N	21	2207.239	2289.314	2273.295	2274.303	2272.287	N(20)
I	22	2330.273	2155.271	2139.252	2140.260	2138.244	I(19)
Q	23	2448.302	2042.181	2026.168	2027.176	2025.160	Q(18)
A	24	2518.419	1914.129	1898.110	1899.117	1897.102	A(17)
V	25	2618.468	1845.091	1829.072	1830.080	1828.065	V(16)
L	26	2731.572	1744.023	1728.004	1729.012	1727.996	L(15)
L	27	2844.656	1630.936	1614.920	1615.928	1613.912	L(14)
F	28	2941.708	1517.855	1501.838	1502.844	1500.828	F(13)
K	29	3099.803	1420.803	1404.783	1405.791	1403.775	K(12)
K	30	3197.898	1292.707	1276.688	1277.696	1275.680	K(11)
T	31	3288.948	1194.812	1178.793	1149.801	1147.785	T(10)
E	32	3427.989	1083.984	1047.946	1048.953	1046.937	E(9)
S	33	3515.021	934.922	918.903	919.911	917.895	S(8)
H	34	3652.080	847.900	831.871	832.479	830.463	H(7)
H	35	3789.139	710.431	694.412	695.420	693.404	H(6)
K	36	3817.233	573.372	557.353	558.361	556.345	K(5)
A	37	3958.274	442.377	429.298	429.298	428.282	A(4)
K	38	4118.366	374.240	358.221	359.229	357.213	K(3)
G	39	4173.397	246.145	230.126	231.134	229.118	G(2)
K	40	4343.493	189.123	173.105	174.112	172.097	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=63.48
- ▶ F113281.dat
- ▶ query=q36936.p1
- ▶ precursor=724.920490
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	1	87.634	2172.742	2164.733	0.504	2164.250	D(40)
E	2	131.555	2115.229	2107.219	0.504	2108.715	E(39)
E	3	188.277	2050.707	2042.698	0.504	2042.194	E(38)
L	4	252.619	1986.186	1978.176	0.504	1977.671	L(17)
N	5	309.640	1929.644	1921.634	1922.138	1921.131	N(36)
K	6	373.688	1872.622	1864.613	1865.117	1864.109	K(35)
L	7	430.230	1808.575	1800.566	1801.069	1800.062	L(34)
L	8	486.772	1752.031	1744.022	1744.527	1743.520	L(33)
G	9	515.282	1695.491	1687.481	1687.985	1688.979	G(25)
K	10	578.330	1636.980	1628.971	1629.475	1629.467	K(31)
V	11	628.864	1602.933	1594.923	1595.427	1594.419	V(30)
T	12	679.358	1553.398	1545.389	1545.893	1544.885	T(29)
L	13	735.910	1502.875	1494.865	1495.369	1494.361	L(28)
A	14	777.449	1448.331	1438.323	1438.827	1437.819	A(27)
L	15	835.478	1410.814	1402.805	1403.309	1402.301	L(26)
G	16	883.989	1346.785	1338.776	1339.279	1338.271	G(25)
G	17	892.499	1318.274	1310.265	1310.768	1309.761	G(24)
V	18	942.033	1289.763	1281.754	1282.258	1281.250	V(23)
L	19	998.575	1240.229	1232.220	1232.724	1231.716	L(22)
F	20	1047.102	1183.697	1175.688	1176.192	1175.184	F(21)
N	21	1104.123	1135.181	1127.171	1127.675	1126.667	N(20)
I	22	1160.605	1078.139	1070.130	1070.634	1069.626	I(19)
Q	23	1224.695	1021.597	1013.588	1014.092	1013.084	Q(18)
A	24	1280.213	957.549	949.540	950.042	949.055	A(17)
V	25	1309.747	922.049	914.040	914.544	913.536	V(16)
L	26	1364.972	882.516	874.506	885.010	884.002	L(15)
L	27	1422.511	815.973	807.964	808.468	807.460	L(14)
F	28	1471.358	759.431	751.422	751.926	750.918	F(13)
K	29	1535.405	710.905	702.895	703.399	702.391	K(12)
K	30	1597.953	646.857	638.848	639.352	638.344	K(11)
L	31	1649.972	589.316	574.800	575.304	574.296	L(10)
E	32	1714.498	532.285	524.276	524.780	523.772	E(9)
S	33	1758.014	467.795	459.755	460.259	459.251	S(8)
H	34	1826.543	424.248	416.239	416.743	415.735	H(7)
H	35	1895.073	395.719	387.710	388.214	387.206	H(6)
K	36	1959.120	287.180	279.180	279.684	278.676	K(5)
A	37	1994.139	223.142	215.133	215.637	214.629	A(4)
K	38	2058.688	187.624	179.614	180.118	179.110	K(3)
G	39	2087.197	123.576	115.567	116.071	115.063	G(2)
K	40	2172.250	95.065	87.056	87.560	86.552	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=63.48
- ▶ F113281.dat
- ▶ query=q36936.p1
- ▶ precursor=724.920490
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D [1]	45.025	1448.830	1443.491	0.672	1443.155	D[40]
E [2]	88.039	1410.488	1405.148	0.672	1404.813	E[39]
E [3]	131.054	1307.474	1300.134	0.662	1301.768	E[38]
L [4]	168.748	1324.460	1319.120	0.672	1318.784	L[37]
N [5]	206.762	1298.785	1281.425	1281.761	1281.089	N[36]
K [6]	269.461	1248.751	1243.411	1243.747	1243.075	K[35]
L [7]	287.156	1206.052	1200.713	1201.049	1200.377	L[34]
L [8]	324.850	1189.755	1183.009	1183.355	1182.682	L[33]
G [9]	243.057	1130.663	1125.323	1125.659	1124.987	G[32]
K [10]	386.556	1111.050	1106.316	1106.652	1105.980	K[31]
V [11]	419.578	1058.957	1053.618	1053.954	1053.282	V[30]
T [12]	453.201	1035.935	1030.595	1030.931	1030.259	T[29]
I [13]	490.956	1000.257	996.913	997.248	996.577	I[28]
A [14]	514.036	964.557	959.218	959.554	958.882	A[27]
Q [15]	557.321	960.674	955.334	955.670	954.998	Q[26]
G [16]	576.328	898.192	892.853	893.189	892.517	G[25]
G [17]	595.335	879.185	873.846	874.181	873.513	G[24]
V [18]	628.358	860.178	854.838	855.174	854.502	V[23]
L [19]	666.051	827.155	821.816	822.151	821.480	L[22]
T [20]	698.404	789.460	784.121	784.457	783.785	T[21]
N [21]	738.418	727.109	721.770	722.106	721.434	N[20]
I [22]	774.113	719.095	713.756	714.092	713.420	I[19]
Q [23]	816.799	661.400	656.061	656.397	655.725	Q[18]
A [24]	840.478	638.714	633.375	633.711	633.039	A[17]
V [25]	873.501	615.035	609.696	610.032	609.360	V[16]
L [26]	911.036	569.013	563.674	564.009	563.337	L[15]
L [27]	948.890	544.318	538.978	539.314	538.642	L[14]
P [28]	981.241	506.623	501.284	501.619	500.948	P[13]
K [29]	1023.939	474.277	468.938	469.269	468.599	K[12]
K [30]	1066.638	431.574	426.234	426.570	425.898	K[11]
I [31]	1100.320	388.876	383.536	383.872	383.200	I[10]
E [32]	1143.814	356.191	350.851	351.186	350.514	E[9]
S [33]	1172.345	312.178	306.839	307.175	306.503	S[8]
H [34]	1218.031	283.188	277.829	278.164	277.493	H[7]
H [35]	1263.716	237.462	232.122	232.478	231.806	H[6]
K [36]	1306.416	191.795	186.455	186.792	186.120	K[5]
A [37]	1330.095	149.007	143.758	144.094	143.422	A[4]
K [38]	1372.793	126.411	120.619	120.912	119.741	K[3]
G [39]	1391.801	83.220	77.380	77.716	77.044	G[2]
K [40]	1448.502	63.713	58.373	58.709	58.033	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=63.48
- ▶ F113281.dat
- ▶ query=q36936.p1
- ▶ precursor=724.920490
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	1086.875	1082.870	0.755	1082.813	D[40]
E[2]	66.261	1058.118	1054.113	0.755	1053.861	E[39]
E[3]	98.542	1025.857	1021.853	0.755	1021.601	E[38]
L[4]	126.813	993.597	989.592	0.755	989.340	L[37]
N[5]	155.324	965.326	961.321	961.573	961.069	N[36]
K[6]	187.347	936.815	932.810	933.062	932.558	K[35]
L[7]	215.618	904.793	900.788	901.038	899.534	L[34]
L[8]	243.889	876.533	872.515	872.767	872.263	L[33]
G[9]	258.145	848.249	844.244	844.496	843.992	G[32]
K[10]	290.169	833.994	829.989	830.241	829.737	K[31]
V[11]	314.936	801.970	797.965	798.217	797.713	V[30]
T[12]	340.198	777.203	773.198	773.450	772.946	T[29]
I[13]	368.469	751.941	747.936	748.188	747.684	I[28]
A[14]	398.228	723.873	719.868	719.917	719.413	A[27]
Q[15]	418.343	705.911	701.906	702.158	701.654	Q[26]
G[16]	432.498	673.896	669.891	670.143	669.639	G[25]
G[17]	446.753	659.641	655.636	655.888	655.384	G[24]
V[18]	471.520	645.385	641.381	641.633	641.129	V[23]
L[19]	499.791	630.618	626.613	626.865	626.362	L[22]
P[20]	524.055	592.347	588.342	588.594	588.090	P[21]
T[21]	552.965	568.094	564.079	564.331	563.827	T[20]
I[22]	580.830	539.573	535.569	535.820	535.317	I[19]
Q[23]	612.851	511.302	507.298	507.549	507.046	Q[18]
A[24]	630.610	479.288	475.283	475.535	475.031	A[17]
V[25]	655.377	461.528	457.524	457.776	457.272	V[16]
L[26]	683.648	436.761	432.756	433.008	432.505	L[15]
L[27]	711.939	408.490	404.485	404.737	404.234	L[14]
P[28]	736.183	380.219	376.214	376.466	375.963	P[13]
K[29]	768.206	355.956	351.951	352.203	351.699	K[12]
K[30]	800.230	323.932	319.928	320.179	319.676	K[11]
T[31]	825.492	291.908	287.904	288.156	287.652	T[10]
E[32]	857.753	260.647	262.642	262.894	262.390	E[0]
S[33]	879.511	234.386	230.381	230.633	230.129	S[8]
H[34]	913.775	212.932	208.927	209.179	208.675	H[7]
H[35]	948.040	178.361	174.358	174.610	174.107	H[6]
K[36]	980.064	144.098	140.094	140.346	139.842	K[5]
A[37]	997.823	112.075	108.070	108.322	107.818	A[4]
K[38]	1029.847	94.315	90.311	90.563	90.059	K[3]
G[39]	1044.102	62.292	58.287	58.539	58.035	G[2]
K[40]	1086.629	48.036	44.032	44.284	43.780	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=63.48
- ▶ F113281.dat
- ▶ query=q36936_p1
- ▶ precursor=724.920490
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA	
D	1	27.418	869.701	866.497	0.806	866.290	D	40
E	2	93.226	846.696	843.492	0.806	843.290	E	39
E	3	79.035	820.887	817.683	0.806	817.482	E	38
L	4	131.852	795.079	791.875	0.806	791.673	L	37
N	5	134.660	772.462	769.258	769.050	769.057	N	36
K	6	150.079	748.653	746.450	746.651	746.248	K	35
L	7	172.696	724.034	720.831	721.032	720.629	L	34
L	8	195.313	701.418	698.214	698.415	698.012	L	33
G	9	206.717	678.801	675.597	675.799	675.395	G	32
K	10	232.336	657.396	654.193	654.394	653.991	K	31
V	11	262.150	641.777	638.574	638.775	0.38372	V	30
Y	12	272.360	621.964	618.760	618.962	618.558	Y	29
I	13	284.976	601.754	598.550	598.752	598.349	I	28
A	14	309.184	579.137	575.934	576.135	575.732	A	27
Q	15	334.795	564.930	561.726	561.928	561.525	Q	26
G	16	346.200	539.318	536.114	536.316	535.913	G	25
G	17	357.604	527.914	524.710	524.912	524.509	G	24
V	18	377.418	516.510	513.306	513.507	513.104	V	23
L	19	400.035	496.696	493.492	493.694	493.291	L	22
P	20	419.445	474.079	470.875	471.077	470.674	P	21
N	21	442.254	454.669	451.465	451.666	451.263	N	20
I	22	464.871	431.860	428.656	428.858	428.455	I	19
Q	23	490.482	409.243	406.039	406.241	405.838	Q	18
A	24	504.690	387.631	384.427	384.629	384.226	A	17
V	25	524.503	369.424	366.220	366.422	366.019	V	16
L	26	547.120	349.610	346.407	346.608	346.205	L	15
L	27	569.737	326.994	323.790	323.991	323.588	L	14
P	28	589.148	304.377	301.173	301.375	300.971	P	13
K	29	614.767	284.956	281.762	281.964	281.561	K	12
K	30	640.388	259.347	256.143	256.345	255.942	K	11
I	31	660.595	233.728	230.524	230.726	230.323	I	10
L	32	684.809	213.519	210.315	210.517	210.114	L	9
S	33	703.810	187.710	184.506	184.708	184.305	S	8
H	34	731.222	170.304	167.100	167.302	166.898	H	7
H	35	758.634	142.892	139.688	139.890	139.487	H	6
K	36	784.253	115.480	112.276	112.478	112.075	K	5
A	37	798.460	89.861	86.657	86.859	86.456	A	4
K	38	824.079	75.054	72.450	72.652	72.248	K	3
G	39	835.483	50.035	46.831	47.033	46.629	G	2
K	40	869.304	38.830	35.427	35.628	35.225	K	1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.13
- ▶ F113281.dat
- ▶ query=q36937_p1
- ▶ precursor=869.703220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
D	1	133.061	4344.477	4328.458	0.000	4337.450	D[40]
E	2	262.103	4229.450	4213.431	0.000	4212.423	E[30]
E	3	391.146	4109.420	4094.400	0.000	4093.392	E[18]
L	4	504.230	3971.364	3955.346	0.000	3954.338	L[37]
N	5	618.273	3858.280	3842.262	3843.269	3841.254	N[30]
K	6	746.368	3744.237	3728.219	3729.227	3727.211	K[35]
L	7	859.452	3616.142	3600.124	3601.132	3599.116	L[34]
L	8	972.536	3503.058	3487.040	3488.048	3486.032	L[33]
G	9	1029.558	3399.974	3373.956	3374.963	3372.946	G[15]
K	10	1157.652	3352.953	3316.934	3317.942	3315.926	K[31]
V	11	1256.721	3204.858	3188.839	3189.847	3187.831	V[30]
T	12	1357.769	3105.796	3089.771	3090.779	3088.762	T[29]
I	13	1470.853	3004.742	2988.723	2989.731	2987.715	I[28]
A	14	1541.890	2891.695	2875.676	2876.684	2874.667	A[27]
Q	15	1609.948	2820.621	2804.602	2805.610	2803.594	Q[26]
G	16	1726.970	2692.562	2676.543	2677.551	2675.536	G[25]
G	17	1783.991	2635.541	2619.522	2620.530	2618.514	G[24]
V	18	1883.060	2578.519	2562.500	2563.508	2561.493	V[23]
L	19	1996.144	2479.451	2463.432	2464.440	2462.424	L[22]
T	20	2093.196	2366.361	2350.342	2351.350	2349.344	T[21]
N	21	2207.239	2269.314	2253.295	2254.303	2252.287	N[20]
I	22	2320.323	2155.271	2139.252	2140.260	2138.244	I[19]
Q	23	2448.382	2042.187	2026.168	2027.176	2025.160	Q[18]
A	24	2519.419	1914.128	1898.110	1899.117	1897.102	A[17]
V	25	2618.488	1843.081	1827.073	1828.080	1826.065	V[16]
L	26	2713.572	1744.023	1728.004	1729.012	1727.000	L[15]
L	27	2844.656	1630.930	1614.920	1615.928	1613.912	L[14]
P	28	2941.708	1517.855	1501.836	1502.844	1500.828	P[13]
K	29	3099.803	1420.807	1404.783	1405.791	1403.775	K[12]
K	30	3197.898	1292.707	1276.688	1277.696	1275.680	K[11]
I	31	3298.946	1104.612	1148.593	1149.601	1147.585	I[10]
E	32	3417.889	1063.564	1047.546	1048.553	1046.538	E[9]
S	33	3515.021	934.522	918.503	919.511	917.495	S[8]
H	34	3652.080	847.400	831.471	832.479	830.463	H[7]
H	35	3789.139	710.431	694.412	695.420	693.404	H[6]
K	36	3917.213	573.372	557.353	558.361	556.345	K[5]
A	37	3988.271	445.277	429.258	430.266	428.250	A[4]
K	38	4118.268	374.242	353.221	354.229	352.213	K[3]
G	39	4173.387	246.145	230.130	231.134	229.118	G[2]
K	40	4343.493	189.123	173.105	174.112	172.097	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.13
- ▶ F113281.dat
- ▶ query=q36937_p1
- ▶ precursor=869.703220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	1	87.634	2172.742	2164.733	0.504	2164.250	D(40)
E	2	131.555	2115.229	2107.219	0.504	2108.715	E(39)
E	3	186.277	2050.707	2042.698	0.504	2042.194	E(38)
L	4	252.619	1986.186	1978.176	0.504	1977.671	L(17)
N	5	309.640	1929.644	1921.634	1922.136	1921.131	N(36)
K	6	373.688	1872.622	1864.613	1865.117	1864.109	K(35)
L	7	430.230	1818.575	1800.566	1801.069	1800.067	L(34)
L	8	486.772	1752.031	1744.021	1744.527	1743.520	L(33)
G	9	515.282	1695.491	1687.481	1687.985	1686.978	G(25)
K	10	579.330	1640.960	1658.971	1659.475	1658.467	K(31)
V	11	638.884	1602.933	1594.923	1595.427	1594.419	V(30)
T	12	679.388	1553.398	1545.389	1545.893	1544.885	T(29)
L	13	735.930	1502.875	1494.865	1495.369	1494.361	L(28)
A	14	777.449	1446.331	1438.323	1438.827	1437.819	A(27)
Q	15	835.478	1410.814	1402.803	1403.309	1402.301	Q(26)
G	16	863.989	1354.785	1338.775	1339.279	1338.271	G(25)
G	17	892.499	1318.274	1310.265	1310.768	1309.761	G(24)
V	18	942.033	1289.763	1281.754	1282.258	1281.250	V(23)
L	19	988.575	1240.229	1232.220	1232.724	1231.716	L(22)
P	20	1047.102	1183.697	1175.687	1176.192	1175.184	P(21)
N	21	1104.123	1135.181	1127.151	1127.655	1126.647	N(20)
I	22	1160.605	1078.139	1070.130	1070.634	1069.626	I(19)
Q	23	1234.605	1021.597	1013.588	1014.092	1013.084	Q(18)
A	24	1290.213	957.569	949.558	950.062	949.055	A(17)
V	25	1309.747	922.049	914.039	914.544	913.536	V(16)
L	26	1355.289	874.515	865.506	865.010	864.002	L(15)
L	27	1422.831	815.973	807.964	808.468	807.460	L(14)
F	28	1471.358	759.431	751.422	751.926	750.918	F(13)
K	29	1535.405	710.909	702.895	703.399	702.391	K(12)
K	30	1559.453	646.857	638.848	639.352	638.344	K(11)
T	31	1649.977	588.816	580.806	581.310	580.302	T(10)
E	32	1714.498	532.280	524.270	524.774	523.767	E(9)
S	33	1758.014	467.705	459.695	460.200	459.192	S(8)
H	34	1826.543	424.248	416.239	416.743	415.735	H(7)
H	35	1895.073	355.719	347.710	348.214	347.206	H(6)
K	36	1959.120	289.180	281.170	279.684	278.676	K(5)
A	37	1994.139	223.142	215.133	213.647	212.639	A(4)
K	38	2058.686	187.624	179.614	180.118	179.110	K(3)
G	39	2087.197	123.576	115.567	116.071	115.063	G(2)
K	40	2172.250	95.065	87.056	87.560	86.552	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.13
- ▶ F113281.dat
- ▶ query=q36937.p1
- ▶ precursor=869.703220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	1	43.025	1448.830	1443.493	0.672	1443.155	D[40]
E	2	38.039	1410.488	1405.148	0.672	1404.813	E[39]
E	3	131.054	1387.974	1382.737	0.672	1381.940	E[38]
L	4	189.746	1374.460	1319.120	0.672	1319.780	L[17]
N	5	206.762	1286.705	1281.425	1281.761	1281.089	N[36]
K	6	249.461	1248.751	1243.411	1243.747	1243.075	K[35]
L	7	287.156	1230.053	1200.713	1201.049	1200.377	L[34]
L	8	324.850	1188.358	1163.018	1163.354	1162.882	L[33]
G	9	343.897	1130.563	1125.243	1125.059	1124.989	G[25]
K	10	386.556	1111.656	1106.311	1106.652	1105.980	K[31]
V	11	419.578	1068.957	1063.618	1063.954	1063.282	V[30]
T	12	453.261	1035.935	1030.595	1030.931	1030.259	T[29]
L	13	490.956	1002.252	996.913	997.248	996.577	L[28]
A	14	514.675	994.597	989.238	989.554	988.862	A[27]
G	15	557.321	940.876	935.570	935.875	935.201	G[26]
G	16	576.328	898.192	892.853	893.189	892.517	G[25]
G	17	595.335	879.185	873.845	874.181	873.510	G[24]
V	18	628.358	860.178	854.838	855.174	854.502	V[23]
L	19	666.053	827.155	821.816	822.151	821.480	L[22]
F	20	688.404	789.460	784.121	784.457	783.781	F[21]
N	21	736.418	757.120	751.770	752.106	751.434	N[20]
I	22	774.113	719.095	713.756	714.092	713.420	I[19]
Q	23	816.799	681.400	676.061	676.397	675.725	Q[18]
A	24	846.478	638.714	633.375	633.711	633.039	A[17]
V	25	873.501	635.035	630.088	630.032	630.360	V[16]
L	26	911.195	582.012	576.673	577.009	576.337	L[15]
L	27	948.890	544.318	538.978	539.314	538.642	L[14]
F	28	981.241	506.623	501.284	501.620	500.948	F[13]
K	29	1023.939	474.272	468.933	469.269	468.597	K[12]
K	30	1066.638	431.574	426.234	426.570	425.898	K[11]
T	31	1160.950	388.876	383.536	383.872	383.200	T[10]
E	32	1143.334	355.192	349.853	350.189	349.517	E[9]
S	33	1172.345	312.179	306.839	307.175	306.503	S[8]
H	34	1218.031	263.166	257.827	258.164	257.493	H[7]
H	35	1263.716	237.482	232.142	232.478	231.806	H[6]
K	36	1306.416	191.799	186.459	186.792	186.120	K[5]
A	37	1330.095	149.101	143.758	144.094	143.422	A[4]
K	38	1372.793	125.418	120.079	120.414	119.743	K[3]
G	39	1391.801	83.720	77.380	77.716	77.044	G[2]
K	40	1448.502	63.713	58.373	58.709	58.037	K[1]

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=69.13
- ▶ F113281.dat
- ▶ query=q36937_p1
- ▶ precursor=869.703220
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D1	34.621	1086.875	1082.870	0.755	1082.618	L40
E12	66.281	1054.118	1054.113	0.755	1054.361	L38
E13	98.542	1025.857	1021.853	0.755	1021.601	E38
L14	126.813	993.597	989.592	0.755	989.340	L37
N15	155.324	965.326	961.321	961.573	961.069	N30
K16	187.347	936.815	932.810	933.062	932.559	K35
L17	215.618	904.791	900.786	901.038	900.534	L34
L18	243.889	876.520	872.515	872.767	872.263	L33
G19	278.145	848.240	844.244	844.496	843.992	G32
K10	290.169	833.994	829.989	830.241	829.737	K31
V11	314.936	801.970	797.965	798.217	797.713	V30
T12	340.198	777.203	773.198	773.450	772.946	T29
I13	368.469	751.941	747.936	748.188	747.684	I28
A14	398.226	723.670	719.665	719.917	719.413	A27
Q15	418.243	705.911	701.906	702.158	701.654	Q26
G16	432.498	673.899	669.891	670.143	669.639	G25
G17	446.753	659.641	655.636	655.888	655.384	G24
V18	471.520	645.385	641.381	641.633	641.129	V23
L19	499.791	620.618	616.613	616.865	616.362	L22
P20	524.056	592.347	588.342	588.594	588.090	P21
N21	552.305	568.084	564.079	564.331	563.827	N20
I22	580.836	539.573	535.569	535.820	535.317	I19
Q23	612.851	511.302	507.298	507.549	507.046	Q18
A24	630.610	479.288	475.283	475.535	475.031	A17
V25	655.377	461.528	457.524	457.776	457.272	V16
L26	683.648	436.761	432.756	433.008	432.505	L15
L27	713.919	409.490	404.485	404.737	404.234	L14
P18	736.183	380.210	376.214	376.466	375.962	P13
K19	768.208	355.959	351.951	352.203	351.699	K12
K30	800.430	323.932	319.928	320.179	319.676	K11
T31	825.492	291.908	287.904	288.156	287.652	T10
E32	857.753	266.647	262.642	262.894	262.390	E9
S33	879.511	234.389	230.383	230.635	230.130	S9
H34	913.775	212.622	208.623	208.875	208.371	H7
H35	948.040	178.361	174.358	174.610	174.107	H0
K36	980.064	144.098	140.094	140.346	139.842	K5
A37	997.823	112.075	108.070	108.322	107.818	A4
K38	1029.847	94.315	90.311	90.563	90.059	K3
C39	1044.102	62.292	58.287	58.539	58.035	C2
K40	1086.629	48.030	44.032	44.284	43.780	K1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.80
- ▶ F113281.dat
- ▶ query=q36938.p1
- ▶ precursor=724.920610
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	1	131.061	4344.477	4328.458	0.000	4327.450	D(40)
E	2	262.103	4329.450	4213.431	0.000	4212.423	E(39)
E	3	393.146	4304.407	4084.388	0.000	4083.380	E(38)
L	4	524.170	3973.364	3955.345	0.000	3954.337	L(17)
N	5	618.273	3858.260	3842.262	3843.269	3841.254	N(36)
K	6	746.368	3744.237	3728.219	3729.227	3727.211	K(35)
L	7	859.452	3618.142	3600.124	3601.132	3599.116	L(34)
L	8	972.536	3503.058	3487.040	3488.048	3486.032	L(33)
G	9	1029.556	3389.974	3373.955	3374.963	3372.946	G(25)
K	10	1157.652	3332.953	3318.934	3317.942	3315.926	K(31)
V	11	1256.721	3204.858	3188.839	3189.847	3187.831	V(30)
T	12	1357.709	3105.790	3089.771	3090.779	3088.763	T(29)
I	13	1470.853	3004.742	2988.723	2989.731	2987.715	I(28)
A	14	1571.831	2894.658	2878.639	2879.647	2877.631	A(27)
G	15	1669.948	2820.561	2804.542	2805.550	2803.534	G(26)
G	16	1768.970	2692.562	2676.543	2677.551	2675.535	G(25)
G	17	1783.991	2635.541	2619.522	2620.530	2618.514	G(24)
V	18	1883.080	2578.519	2562.500	2563.508	2561.493	V(23)
L	19	1996.144	2479.451	2463.432	2464.440	2462.424	L(22)
F	20	2093.198	2368.397	2352.378	2353.386	2351.370	F(21)
N	21	2207.239	2269.314	2253.295	2254.303	2252.287	N(20)
I	22	2330.323	2155.271	2139.252	2140.260	2138.244	I(19)
Q	23	2448.392	2042.181	2026.168	2027.176	2025.160	Q(18)
A	24	2518.419	1914.129	1898.110	1899.117	1897.102	A(17)
V	25	2618.488	1845.091	1827.073	1828.080	1826.065	V(16)
L	26	2731.572	1744.023	1728.004	1729.012	1727.000	L(15)
L	27	2844.656	1630.938	1614.920	1615.928	1613.912	L(14)
F	28	2941.708	1517.855	1501.836	1502.844	1500.828	F(13)
K	29	3099.803	1420.802	1404.783	1405.791	1403.775	K(12)
K	30	3197.898	1292.707	1276.688	1277.696	1275.680	K(11)
T	31	3298.948	1184.612	1148.593	1149.600	1147.584	T(10)
E	32	3427.989	1083.584	1047.546	1048.553	1046.537	E(9)
S	33	3515.021	934.522	918.503	919.511	917.495	S(8)
H	34	3652.080	847.490	831.471	832.479	830.463	H(7)
H	35	3789.119	710.431	694.412	695.420	693.404	H(6)
K	36	3817.233	673.372	557.353	558.361	556.345	K(5)
A	37	3958.274	546.271	429.258	430.266	428.250	A(4)
K	38	4118.366	374.240	358.221	359.229	357.213	K(3)
G	39	4173.397	246.145	230.126	231.134	229.118	G(2)
K	40	4343.493	189.123	173.105	174.112	172.097	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.80
- ▶ F113281.dat
- ▶ query=q36938.p1
- ▶ precursor=724.920610
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA	
D	1	87.634	2172.742	2164.733	0.504	2164.250	D(40)
E	2	131.555	2115.229	2107.219	0.504	2108.715	E(39)
E	3	168.277	2050.707	2042.698	0.504	2042.194	E(38)
L	4	252.619	1396.156	1379.170	0.504	1377.671	L(17)
N	5	309.640	1029.644	1021.634	1922.136	1021.131	N(36)
K	6	373.688	1872.622	1864.613	1865.117	1864.109	K(35)
L	7	430.230	1838.575	1800.566	1801.069	1800.067	L(34)
L	8	486.772	1752.033	1744.023	1744.527	1743.520	L(33)
Q	9	515.282	1665.491	1657.481	1657.985	1656.979	Q(25)
K	10	578.336	1666.980	1658.971	1659.475	1658.467	K(31)
V	11	638.884	1602.933	1594.923	1595.427	1594.419	V(30)
T	12	679.358	1553.398	1545.389	1545.893	1544.885	T(29)
L	13	735.910	1502.875	1494.865	1495.369	1494.361	L(28)
A	14	777.469	1446.317	1438.307	1438.811	1437.803	A(27)
Q	15	835.478	1410.814	1402.804	1403.308	1402.301	Q(26)
G	16	863.989	1346.785	1338.775	1339.279	1338.271	G(25)
G	17	892.499	1318.274	1310.265	1310.768	1309.761	G(24)
V	18	942.033	1289.763	1281.754	1282.258	1281.250	V(23)
L	19	990.575	1240.229	1232.220	1232.724	1231.716	L(22)
F	20	1047.102	1183.687	1175.678	1176.182	1175.174	F(21)
N	21	1104.152	1135.161	1127.151	1127.655	1126.647	N(20)
I	22	1160.605	1078.139	1070.130	1070.634	1069.626	I(19)
Q	23	1234.605	1021.597	1013.588	1014.092	1013.084	Q(18)
A	24	1280.213	957.568	949.558	950.062	949.055	A(17)
V	25	1309.747	922.049	914.040	914.544	913.536	V(16)
L	26	1366.298	912.515	884.506	885.010	884.002	L(15)
L	27	1422.811	815.973	807.964	808.468	807.460	L(14)
F	28	1471.358	759.431	751.422	751.926	750.918	F(13)
K	29	1535.405	710.905	702.895	703.399	702.391	K(12)
K	30	1599.453	646.857	638.848	639.352	638.344	K(11)
T	31	1649.977	589.816	574.800	575.304	574.296	T(10)
E	32	1714.408	532.285	524.276	524.780	523.772	E(9)
S	33	1758.014	467.795	459.755	460.259	459.251	S(8)
H	34	1826.543	424.248	416.239	416.743	415.735	H(7)
H	35	1895.073	355.719	347.710	348.214	347.206	H(6)
K	36	1959.220	287.180	279.180	279.684	278.676	K(5)
A	37	1994.219	223.142	215.133	215.637	214.629	A(4)
K	38	2058.686	167.624	179.614	180.118	179.110	K(3)
G	39	2087.197	123.576	115.567	116.071	115.063	G(2)
K	40	2172.250	95.065	87.056	87.560	86.552	K(1)

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.80
- ▶ F113281.dat
- ▶ query=q36938.p1
- ▶ precursor=724.920610
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D 1	43.025	1448.830	1443.491	0.672	1443.155	D 40
E 2	38.039	1410.488	1405.148	0.672	1404.813	E 39
E 3	131.054	1387.974	792.737	0.672	1381.960	E 38
L 4	189.746	3154.466	1319.120	0.672	1315.769	L 17
N 5	206.762	1286.705	1281.425	1281.761	1281.089	N 30
K 6	249.461	1248.751	1243.411	1243.747	1243.075	K 35
L 7	287.156	1209.052	1206.713	1201.949	1200.377	L 34
L 8	324.850	1168.358	1161.012	1163.354	1162.882	L 33
G 9	343.877	1130.663	1125.323	1125.059	1124.999	G 25
K 10	386.556	1111.656	1106.316	1106.652	1105.980	K 31
V 11	419.578	1068.957	1063.619	1063.954	1063.282	V 30
T 12	453.261	1035.935	1030.595	1030.931	1030.259	T 29
L 13	490.956	1002.252	996.913	997.248	996.577	L 28
A 14	514.635	994.597	959.218	959.554	958.882	A 27
Q 15	557.321	942.976	935.639	935.974	935.302	Q 24
G 16	576.328	898.192	892.853	893.189	892.517	G 23
G 17	595.335	879.185	873.845	874.181	873.510	G 24
V 18	628.358	860.178	854.838	855.174	854.502	V 23
L 19	666.053	827.155	821.815	822.151	821.480	L 22
F 20	698.404	789.460	784.121	784.457	783.781	F 21
N 21	736.418	757.105	751.770	752.106	751.434	N 20
I 22	774.113	719.095	713.756	714.092	713.420	I 20
Q 23	816.799	681.400	676.061	676.397	675.725	Q 18
A 24	840.476	638.714	633.375	633.711	633.039	A 17
V 25	873.564	635.035	630.095	630.432	630.360	V 18
L 26	911.376	582.042	576.703	577.039	576.371	L 15
L 27	948.890	544.318	538.978	539.314	538.642	L 14
F 28	981.241	506.623	501.284	501.620	500.948	F 13
K 29	1023.939	474.272	468.933	469.269	468.597	K 12
K 30	1066.638	431.574	426.234	426.570	425.898	K 11
T 31	1109.330	388.876	383.537	383.873	383.200	T 10
E 32	1143.334	355.192	349.853	350.189	349.517	E 9
S 33	1172.345	312.179	306.839	307.175	306.503	S 8
H 34	1218.031	283.168	277.829	278.164	277.493	H 7
H 35	1263.716	237.482	232.142	232.478	231.806	H 6
K 36	1305.411	194.795	189.456	189.792	189.120	K 5
A 37	1330.095	149.101	143.758	144.094	143.422	A 4
K 38	1372.793	125.418	120.079	120.414	119.743	K 3
G 39	1391.801	82.720	77.380	77.716	77.044	G 2
K 40	1448.502	63.713	58.373	58.709	58.037	K 1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGLVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=40.80
- ▶ F113281.dat
- ▶ query=q36938.p1
- ▶ precursor=724.920610
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	34.021	1006.875	1067.870	0.755	1062.618	L140
E12	66.281		1054.113	0.755	1053.861	L139
E13	98.542	1025.857	1021.853	0.755	1021.001	E138
L14	126.813	993.597	989.592	0.755	989.340	L137
N15	155.234	965.326	961.321	961.573	961.099	N136
K16	187.347	936.815	932.810	933.062	932.559	K135
L17	215.618	904.791	900.786	901.038	900.534	L134
L18	243.889	876.529	872.535	872.787	872.261	L133
G19	258.145	848.240	844.244	844.496	843.992	G132
K10	290.169	833.954	829.969	830.241	829.731	K131
V11	314.936	803.970	797.965	798.217	797.713	V130
L12	340.198	777.203	773.198	773.450	772.946	L129
L13	368.469	751.941	747.936	748.188	747.684	L128
A14	398.228	723.970	719.965	719.917	719.413	A127
Q15	418.243	705.911	701.906	702.158	701.654	Q126
G16	432.498	673.899	669.891	670.143	669.639	G125
G17	446.753	659.641	655.636	655.888	655.384	G124
V18	471.520	645.385	641.381	641.633	641.129	V123
L19	499.791	620.618	616.613	616.865	616.362	L122
P120		524.055	520.047	520.342	520.094	P121
N21	523.599	569.094	564.079	564.331	563.827	N120
I22	580.836	539.573	535.569	535.820	535.317	I119
Q23	612.851	511.300	507.298	507.549	507.048	Q118
A24	630.610	479.288	475.283	475.535	475.031	A117
V25	695.377	461.528	457.524	457.776	457.272	V116
L26	683.648	436.761	432.756	433.008	432.505	L115
L27	713.919	408.490	404.485	404.737	404.234	L114
P128	736.183	380.230	376.214	376.466	375.962	P113
K129	768.206	355.959	351.951	352.203	351.699	K112
K30	800.230	323.932	319.928	320.179	319.676	K111
T31	825.492	291.908	287.904	288.156	287.652	T110
E32	857.753	266.647	262.642	262.894	262.390	E109
S33	879.511	236.389	230.383	230.635	230.129	S108
H14	913.775	212.620	208.623	208.875	208.371	H17
H35	948.040	178.361	174.358	174.610	174.107	H16
K36	980.064	144.099	140.094	140.346	139.842	K15
A37	997.823	112.075	108.070	108.322	107.818	A14
K38	1029.847	94.315	90.311	90.563	90.059	K13
G39	1044.102	62.292	58.287	58.539	58.035	G12
K40	1086.629	48.036	44.032	44.284	43.780	K11

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK (Acetyl)
(42.01)

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=40.80
- ▶ F113281.dat
- ▶ query=q36938_p1
- ▶ precursor=724.920610
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA	
D	1	27.418	869.701	866.497	0.806	866.290	D	40
E	2	93.226	846.696	843.492	0.806	843.290	E	39
E	3	79.035	820.887	817.683	0.806	817.482	E	38
L	4	131.852	795.079	791.875	0.806	791.673	L	37
N	5	134.660	772.462	769.258	769.450	769.057	N	36
K	6	150.079	749.653	746.450	746.651	746.248	K	35
L	7	172.696	724.034	720.831	721.032	720.629	L	34
L	8	195.313	701.418	698.214	698.415	698.012	L	33
G	9	206.717	678.801	675.597	675.799	675.395	G	32
K	10	232.336	657.396	654.193	654.394	653.991	K	31
V	11	252.150	641.777	638.574	638.775	638.372	V	30
I	12	272.360	621.964	618.760	618.962	618.558	I	29
I	13	284.976	601.754	598.550	598.752	598.349	I	28
A	14	309.184	579.137	575.934	576.135	575.732	A	27
Q	15	334.795	564.930	561.726	561.928	561.525	Q	26
G	16	346.200	539.118	536.114	536.316	535.913	G	25
G	17	357.604	527.914	524.710	524.912	524.509	G	24
V	18	377.418	516.510	513.306	513.507	513.104	V	23
L	19	400.035	496.696	493.492	493.694	493.291	L	22
P	20	419.445	474.079	470.875	471.077	470.674	P	21
N	21	442.254	454.669	451.465	451.666	451.263	N	20
I	22	457.871	431.860	428.656	428.858	428.455	I	19
Q	23	490.982	409.243	406.039	406.241	405.838	Q	18
A	24	504.690	387.631	384.427	384.629	384.226	A	17
V	25	524.503	369.424	366.220	366.422	366.019	V	16
L	26	547.120	349.610	346.407	346.608	346.205	L	15
L	27	569.737	326.994	323.790	323.991	323.588	L	14
P	28	589.148	304.377	301.173	301.375	300.971	P	13
K	29	614.767	284.956	281.762	281.964	281.561	K	12
K	30	640.386	259.347	256.143	256.345	255.942	K	11
I	31	660.395	233.728	230.524	230.726	230.323	I	10
L	32	688.404	213.519	210.315	210.517	210.114	L	9
S	33	703.810	187.710	184.506	184.708	184.305	S	8
H	34	731.222	170.304	167.100	167.302	166.898	H	7
H	35	758.634	142.892	139.688	139.890	139.487	H	6
K	36	784.253	115.480	112.276	112.478	112.075	K	5
A	37	798.460	89.861	86.657	86.859	86.456	A	4
K	38	824.079	75.054	72.450	72.652	72.248	K	3
G	39	835.483	50.035	46.831	47.033	46.629	G	2
K	40	869.304	38.830	35.427	35.628	35.225	K	1

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=42.67
- ▶ F113281.dat
- ▶ query=q36977_p1
- ▶ precursor=875.302790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	r	y*	yΔ	AA
D1	383029	0.000	169.020	110.030	0.000	388.050	4117.920	4339.480	4534.487	E140
E2	377740	0.000	169.020	109.040	0.000	377.060	4201.480	4424.050	4624.057	E139
E3	348124	0.000	120.110	374.110	0.000	356.100	4430.430	4415.410	4610.420	E138
L4	470220	0.000	440.100	487.203	0.000	489.493	3980.390	3980.390	4081.383	L137
N5	143.251	0.000	100.040	601.240	0.000	704.220	3990.310	3990.310	4090.303	N136
K10	701.346	0.000	600.330	600.340	0.000	712.310	3772.250	3772.250	4294.260	K135
L7	634.631	0.000	796.420	643.420	0.000	826.380	824.415	844.114	862.144	L134
L8	657.615	0.000	809.504	665.500	0.000	838.463	837.499	851.000	864.000	L133
G9	764.708	0.000	650.690	650.700	0.000	650.700	814.000	826.000	838.000	G132
K10	1140.862	1140.810	1140.810	1140.810	0.000	952.504	1108.000	1108.000	1244.000	K131
V11	1239.731	1239.730	1221.720	1267.720	1267.720	1267.720	1244.000	1244.000	1380.000	V130
T12	1266.718	1266.710	1266.710	1266.710	0.000	1266.710	1300.700	1300.700	1436.700	T129
E13	1261.660	1261.660	1261.660	1261.660	0.000	1261.660	1300.700	1300.700	1436.700	E128
A14	1254.600	1254.610	1254.610	1254.610	0.000	1254.610	1281.600	1281.600	1367.600	A127
Q15	1085.500	1085.510	1085.510	1085.510	0.000	1085.510	1240.400	1240.400	1326.400	Q126
G16	1100.500	1100.510	1100.510	1100.510	0.000	1100.510	1260.500	1260.500	1346.500	G125
G17	1107.510	1107.520	1107.520	1107.520	0.000	1107.520	1276.500	1276.500	1362.500	G124
V18	1090.500	1090.510	1090.510	1090.510	0.000	1090.510	1256.500	1256.500	1342.500	V123
L19	1114.510	1114.520	1114.520	1114.520	0.000	1114.520	1276.500	1276.500	1362.500	L122
P20	1078.500	1078.510	1078.510	1078.510	0.000	1078.510	1236.500	1236.500	1322.500	P121
K21	1099.500	1099.510	1099.510	1099.510	0.000	1099.510	1256.500	1256.500	1342.500	K120
G22	1093.510	1093.520	1093.520	1093.520	0.000	1093.520	1246.500	1246.500	1332.500	G119
Q23	1043.500	1043.510	1043.510	1043.510	0.000	1043.510	1206.500	1206.500	1292.500	Q118
A14	1026.420	1026.430	1026.430	1026.430	0.000	1026.430	1186.400	1186.400	1272.400	A117
V24	1000.500	1000.510	1000.510	1000.510	0.000	1000.510	1166.400	1166.400	1252.400	V116
L26	1174.610	1174.620	1174.620	1174.620	0.000	1174.620	1194.600	1194.600	1280.600	L115
L27	1017.600	1017.610	1017.610	1017.610	0.000	1017.610	1154.600	1154.600	1240.600	L114
P28	1154.710	1154.720	1154.720	1154.720	0.000	1154.720	1182.600	1182.600	1268.600	P113
K29	1002.610	1002.620	1002.620	1002.620	0.000	1002.620	1130.600	1130.600	1216.600	K112
K130	1000.600	1000.610	1000.610	1000.610	0.000	1000.610	1120.600	1120.600	1206.600	K111
L131	1010.600	1010.610	1010.610	1010.610	0.000	1010.610	1130.600	1130.600	1216.600	L110
E132	1010.600	1010.610	1010.610	1010.610	0.000	1010.610	1130.600	1130.600	1216.600	E109
E133	1010.610	1010.620	1010.620	1010.620	0.000	1010.620	1130.600	1130.600	1216.600	E108
L134	1010.610	1010.620	1010.620	1010.620	0.000	1010.620	1130.600	1130.600	1216.600	L107
K135	1010.610	1010.620	1010.620	1010.620	0.000	1010.620	1130.600	1130.600	1216.600	K106
K136	1010.610	1010.620	1010.620	1010.620	0.000	1010.620	1130.600	1130.600	1216.600	K105
A137	1010.610	1010.620	1010.620	1010.620	0.000	1010.620	1130.600	1130.600	1216.600	A104
K138	1010.610	1010.620	1010.620	1010.620	0.000	1010.620	1130.600	1130.600	1216.600	K103
G139	1010.610	1010.620	1010.620	1010.620	0.000	1010.620	1130.600	1130.600	1216.600	G102
K140	1010.610	1010.620	1010.620	1010.620	0.000	1010.620	1130.600	1130.600	1216.600	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=42.67
- ▶ F113281.dat
- ▶ query=q36977_p1
- ▶ precursor=875.302790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a.z	b	b*	b.z	y	y*	y.z	AA	
G1	44	523	0.504	35	513	0.504	49	503	238	201	L134
E2	109	611	0.504	109	611	0.504	114	616	238	201	L134
E3	174	536	0.504	184	561	0.504	179	539	204	221	E126
L4	231	109	0.504	221	113	0.504	236	109	204	221	L134
N5	287	230	0.504	278	225	0.504	292	234	204	221	N130
K6	312	319	342.164	342.172	305.919	306.923	356.169	357.173	189.623	189.625	K132
L7	367	319	0.504	358	314	0.504	372	316	204	221	L134
L8	424	261	0.504	415	256	0.504	429	260	204	221	L134
G9	480	274	0.504	471	269	0.504	485	273	204	221	G128
K10	536	369	0.504	527	364	0.504	541	368	204	221	K132
V11	620.369	511.106	611.365	612.369	503.106	504.110	675.365	676.369	154.865	154.867	V130
L12	676	369	0.504	667	364	0.504	681	368	204	221	L134
L13	737.435	718.922	718.430	741.432	732.919	732.427	804.432	805.436	144.932	144.934	L132
L14	805	369	0.504	796	364	0.504	810	368	204	221	L134
G15	861	443	0.504	852	438	0.504	866	442	204	221	G128
G16	915.493	848.980	848.488	918.490	889.491	889.978	986.490	987.494	134.990	134.992	G124
G17	986	443	0.504	977	438	0.504	991	442	204	221	G128
V18	1042	536	0.504	1034.533	1035.537	1036.541	1133.533	1134.537	154.533	154.535	V130
L19	1108	536	0.504	1099.587	1099.589	1099.591	1196.587	1197.591	144.587	144.589	L132
P20	1164	536	0.504	1155.621	1155.623	1155.625	1252.621	1253.625	134.621	134.623	P128
G21	1220	536	0.504	1211.655	1211.657	1211.659	1308.655	1309.659	124.655	124.657	G128
G22	1276	536	0.504	1262.689	1262.691	1262.693	1359.689	1360.693	114.689	114.691	G128
G23	1332	536	0.504	1318.723	1318.725	1318.727	1415.723	1416.727	104.723	104.725	G128
V24	1388	536	0.504	1374.757	1374.759	1374.761	1471.757	1472.761	94.757	94.759	V130
L25	1444	536	0.504	1430.791	1430.793	1430.795	1527.791	1528.795	84.791	84.793	L132
L26	1500	536	0.504	1476.825	1476.827	1476.829	1573.825	1574.829	74.825	74.827	L132
L27	1556	536	0.504	1532.859	1532.861	1532.863	1629.859	1630.863	64.859	64.861	L132
P28	1612	536	0.504	1588.893	1588.895	1588.897	1685.893	1686.897	54.893	54.895	P128
K29	1668	536	0.504	1644.927	1644.929	1644.931	1741.927	1742.931	44.927	44.929	K132
K30	1724	536	0.504	1700.961	1700.963	1700.965	1797.961	1798.965	34.961	34.963	K132
L31	1780	536	0.504	1756.995	1756.997	1756.999	1853.995	1854.999	24.995	24.997	L132
E32	1836	536	0.504	1812.103	1812.105	1812.107	1909.103	1910.107	14.103	14.105	E126
S33	1892	536	0.504	1868.137	1868.139	1868.141	1965.137	1966.141	4.137	4.139	S130
H34	1948	536	0.504	1924.171	1924.173	1924.175	2021.171	2022.175	-4.171	-4.173	H130
H35	2004	536	0.504	1980.205	1980.207	1980.209	2077.205	2078.209	-14.205	-14.207	H130
K36	2060	536	0.504	2036.239	2036.241	2036.243	2133.239	2134.243	-24.239	-24.241	K130
A37	2116	536	0.504	2092.273	2092.275	2092.277	2189.273	2190.277	-34.273	-34.275	A130
K38	2172	536	0.504	2148.307	2148.309	2148.311	2245.307	2246.311	-44.307	-44.309	K130
G39	2228	536	0.504	2204.341	2204.343	2204.345	2301.341	2302.345	-54.341	-54.343	G128
G40	2284	536	0.504	2260.375	2260.377	2260.379	2357.375	2358.379	-64.375	-64.377	G128
K41	2340	536	0.504	2316.409	2316.411	2316.413	2413.409	2414.413	-74.409	-74.411	K130

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=42.67
- ▶ F113281.dat
- ▶ query=q36977_p1
- ▶ precursor=875.302790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a ⁺	a,0	b	b ⁺	b,0	y	y ⁺	y,0	AA	
D1	30	30.02	0.022	24.024	36.302	0.027	33.346	1492.116	1492.486	1492.171	D140
E2	32	32.02	0.017	32.007	32.301	0.027	36.369	1512.112	1512.150	1512.030	E130
E3	116	116.040	0.024	116.030	116.370	0.024	116.374	1336.618	1337.142	1336.854	E100
L4	115	115.741	0.024	115.730	116.013	0.024	115.980	1311.500	1312.120	1312.000	L137
N5	110	110.724	0.017	110.712	111.001	0.017	110.987	1296.119	1296.414	1296.200	N130
K10	226	226.404	0.226	226.400	231.700	0.226	226.370	1258.004	1259.412	1259.093	K126
L17	222	222.448	0.017	222.440	223.480	0.017	223.479	1213.300	1213.720	1213.603	L134
L18	106	106.044	0.044	106.040	106.110	0.044	106.117	1177.611	1177.650	1177.600	L133
Q19	102	102.700	0.102	102.697	103.102	0.102	102.970	1154.000	1154.311	1154.003	Q125
K100	100	100.002	0.017	100.000	100.124	0.017	100.124	1041.000	1041.000	1041.000	K132
V111	413	413.015	0.015	413.002	413.242	0.015	413.241	1038.007	1038.250	1038.054	V108
L124	402	402.700	0.102	402.700	403.242	0.102	402.704	1029.300	1029.300	1029.300	L128
L116	386	386.782	0.186	386.780	388.244	0.186	386.780	1002.200	1002.200	1002.200	L120
K114	308.871	308.256	0.026	308.260	312.803	0.027	312.299	864.557	864.557	864.554	K127
Q121	301	301.000	0.000	301.000	301.000	0.000	301.000	816.201	816.201	816.201	Q121
G108	171	171.000	0.000	171.000	171.000	0.000	171.000	808.112	808.112	808.105	G120
Q117	169	169.000	0.000	169.000	169.000	0.000	169.000	593.328	593.328	593.328	Q117
V116	837.835	837.810	0.010	837.810	838.000	0.010	837.810	808.700	808.700	808.700	V120
L119	800	800.100	0.104	800.104	808.721	0.084	808.094	805.717	827.155	801.400	L122
P125	798	798.200	0.200	798.200	807.872	0.080	798.200	789.460	783.785	783.457	P121
N121	736.755	736.710	0.010	736.710	736.710	0.010	736.710	736.000	736.000	736.000	N120
G120	708.440	708.374	0.040	708.374	717.781	0.072	717.105	715.777	719.095	714.920	G118
Q123	811.135	811.000	0.010	811.000	811.400	0.010	811.400	814.767	814.884	811.400	Q118
V121	834.815	834.710	0.010	834.710	844.148	0.010	844.148	838.471	838.471	838.471	V117
V120	807	807.010	0.010	807.010	807.010	0.010	807.010	812.000	812.000	812.000	V116
Q122	811.135	811.000	0.010	811.000	811.400	0.010	811.400	809.188	808.860	801.012	Q118
L127	843.227	843.150	0.010	843.150	857.558	0.010	857.558	848.883	848.883	848.883	L123
K126	808	808.010	0.010	808.010	808.010	0.010	808.010	808.000	808.000	808.000	K126
K120	806	806.010	0.010	806.010	806.010	0.010	806.010	806.000	806.000	806.000	K120
K115	1066.974	1066.750	0.024	1066.750	1104.872	0.024	1104.870	1064.302	1064.302	1064.302	K111
L111	1066	1066.000	0.000	1066.000	1066.000	0.000	1066.000	1066.000	1066.000	1066.000	L110
E102	1137.871	1137.780	0.010	1137.780	1147.805	0.010	1147.805	1141.327	1140.909	1091.901	E100
S111	1108	1108.000	0.000	1108.000	1116.813	0.010	1116.810	1116.000	1116.000	1116.000	S110
L114	1100	1100.000	0.000	1100.000	1100.000	0.000	1100.000	1100.000	1100.000	1100.000	L114
R115	1100	1100.000	0.000	1100.000	1100.000	0.000	1100.000	1100.000	1100.000	1100.000	R115
K116	1100	1100.000	0.000	1100.000	1100.000	0.000	1100.000	1100.000	1100.000	1100.000	K116
K117	1100	1100.000	0.000	1100.000	1100.000	0.000	1100.000	1100.000	1100.000	1100.000	K117
K118	1100	1100.000	0.000	1100.000	1100.000	0.000	1100.000	1100.000	1100.000	1100.000	K118
K119	1100	1100.000	0.000	1100.000	1100.000	0.000	1100.000	1100.000	1100.000	1100.000	K119
G119	1100	1100.000	0.000	1100.000	1100.000	0.000	1100.000	1100.000	1100.000	1100.000	G119
K140	1442	1442.000	0.000	1442.000	1442.000	0.000	1442.000	1442.000	1442.000	1442.000	K140

sp | Q6GSS7 | H2A2A_MOUSE

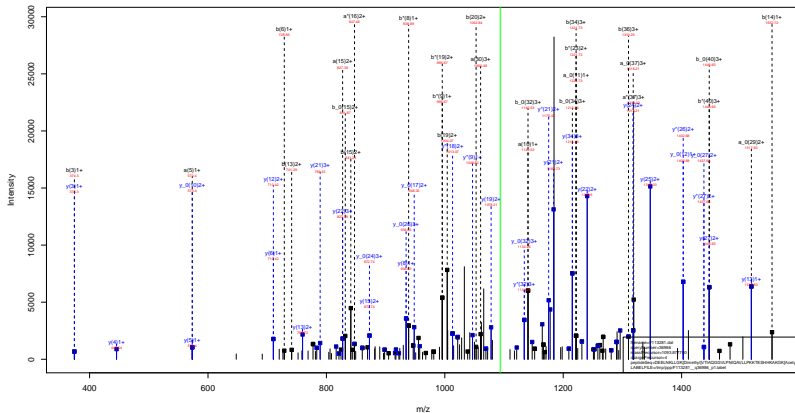
DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=42.67
- ▶ F113281.dat
- ▶ query=q36977_p1
- ▶ precursor=875.302790
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	r	r*	r,Δ	AA	
Q1	22.793	0.300	18.293	29.794	0.700	29.294	100.000	100.000	0.000	L540	
E2	30.000	0.000	30.000	30.000	0.000	30.000	100.000	100.000	0.000	L539	
E3	37.207	0.700	32.507	34.207	0.700	33.707	103.820	103.820	103.820	L538	
L4	44.414	1.000	43.414	42.414	0.700	41.714	100.000	96.348	96.182	L537	
N5	51.621	1.300	50.321	49.021	1.000	48.021	97.333	100.000	0.000	N50	
K6	58.828	1.600	57.228	55.628	1.300	54.328	100.000	93.506	93.320	K53	
L7	66.035	1.900	64.135	62.235	1.600	60.635	100.000	87.342	87.206	L534	
L8	73.242	2.200	71.042	68.842	1.900	66.942	100.000	0.000	0.000	L533	
Q9	80.449	2.500	77.949	75.549	2.200	73.349	85.257	100.000	0.000	Q525	
K10	87.656	2.800	84.856	82.456	2.500	79.956	100.000	0.000	0.000	K513	
V11	94.863	3.100	91.763	89.363	2.800	86.563	100.000	80.190	100.000	V530	
T12	102.070	3.400	98.670	96.270	3.100	93.170	100.000	77.200	77.020	T528	
R13	109.277	3.700	105.577	103.177	3.400	100.777	77.200	100.000	0.000	R526	
A14	116.484	4.000	112.484	109.484	3.700	105.784	100.000	71.813	71.617	A527	
Q15	123.691	4.300	119.391	116.091	4.000	112.091	70.911	70.585	70.408	Q526	
G16	130.898	4.600	126.298	122.898	4.300	118.598	100.000	66.030	0.000	G225	
Q17	138.105	4.900	133.205	129.805	4.600	125.205	64.802	100.000	0.000	Q234	
V18	145.312	5.200	140.112	136.712	4.900	132.812	100.000	62.018	0.000	V529	
P20	152.519	5.500	147.019	143.519	5.200	139.319	100.000	0.000	0.000	P521	
N21	159.726	5.800	153.926	150.426	5.500	145.926	100.000	58.877	58.587	N520	
Q22	166.933	6.100	160.833	157.333	5.800	152.533	100.000	55.973	55.591	Q526	
Q23	174.140	6.400	167.740	163.840	6.100	159.140	100.000	53.100	52.644	52.600	Q518
A24	181.347	6.700	174.647	171.147	6.400	165.747	100.000	0.000	0.000	A517	
Q25	188.554	6.900	181.654	178.154	6.600	172.554	64.827	100.000	0.000	Q516	
L26	195.761	7.100	188.661	185.161	6.800	179.361	62.143	60.897	60.761	L535	
L27	202.968	7.400	195.568	191.068	7.100	186.168	100.000	58.200	57.888	L534	
P28	210.175	7.700	202.475	198.975	7.400	192.975	58.200	100.000	0.000	P515	
K29	217.382	7.900	209.482	205.982	7.600	199.782	55.556	54.300	54.164	K512	
K30	224.589	8.200	216.389	212.889	7.900	206.589	100.000	52.932	52.632	K511	
L31	231.796	8.500	223.296	219.796	8.200	213.396	100.000	50.500	50.200	L532	
E32	239.003	8.800	230.203	226.703	8.500	220.203	50.500	100.000	0.000	E511	
S33	246.210	9.100	237.110	233.610	8.800	227.010	100.000	48.068	47.768	S511	
H34	253.417	9.300	244.117	240.617	9.000	233.817	48.068	100.000	0.000	H511	
H35	260.624	9.500	251.124	247.624	9.200	240.624	100.000	45.636	45.336	H510	
K36	267.831	9.800	258.131	254.631	9.500	247.431	100.000	43.204	42.904	K510	
A37	275.038	10.100	265.038	261.538	9.800	254.238	100.000	40.772	40.472	A510	
K38	282.245	10.300	272.045	268.545	10.000	261.045	100.000	38.340	38.040	K510	
G39	289.452	10.600	279.052	275.552	10.200	267.852	100.000	35.908	35.608	G510	
K40	296.659	10.800	286.059	282.559	10.400	274.659	100.000	33.476	33.176	K510	

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHHKAKGK ^{Acetyl} 42.01



sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=59.70
- ▶ F113281.dat
- ▶ query=q36986.p1
- ▶ precursor=1093.877700
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
E1	88	93	0.000	189.026	1.09149	0.000	98.094	4.92730	4.92730	4.92730	L142
E2	221	152	0.000	180.014	2.02177	0.000	227.000	2.91740	2.91740	2.91740	L136
E3	798	174	0.000	229.114	3.04119	0.000	236.010	4.21841	4.21841	4.21841	L138
L14	892	89	0.000	441.110	4.07103	0.000	488.104	3.66930	3.66930	3.66930	L131
N15	375	251	0.000	330.224	5.09149	0.000	384.230	3.61720	3.61720	3.61720	N146
L16	124	124	0.000	469.326	6.11194	0.000	474.330	3.17420	3.17420	3.17420	K120
L17	814	431	0.000	798.430	8.42251	0.000	824.415	3.04414	3.04414	3.04414	L134
L18	107	431	0.000	608.534	9.53300	0.000	634.500	2.81400	2.81400	2.81400	L131
L19	798	738	967.500	969.524	1.09149	912.500	904.520	4.11010	4.11010	4.11010	L125
K109	1148	682	1131.639	1122.813	1.16865	1151.631	1150.697	3.54190	3.54190	3.54190	K131
V111	4276	731	3242.780	3231.738	1.267736	3250.699	3249.715	3.26083	3.26083	3.26083	V130
V112	106	718	1431.780	1424.780	1.36681	1444.718	1439.430	3.00170	3.00170	3.00170	V128
K113	1041	857	1430.813	1420.813	1.461857	1444.718	1439.742	2.98711	2.98711	2.98711	K126
K114	1024	850	1427.813	1420.813	1.562894	1435.688	1434.654	2.98183	2.98183	2.98183	K127
Q123	1082	808	1418.843	1408.843	1.663931	1426.657	1425.623	2.97655	2.97655	2.97655	Q120
Q108	1100	800	1409.843	1403.843	1.764968	1417.626	1416.592	2.97127	2.97127	2.97127	Q120
Q117	1187	811	1400.873	1394.873	1.866005	1408.595	1407.561	2.96599	2.96599	2.96599	Q124
V116	1000	800	1391.903	1385.903	1.967042	1399.564	1398.530	2.96071	2.96071	2.96071	V123
L109	1070	554	1382.933	1376.933	2.068079	1390.533	1389.500	2.95543	2.95543	2.95543	L122
P120	1016	560	1373.963	1367.963	2.169116	1381.502	1380.468	2.95015	2.95015	2.95015	P121
K111	1189	414	1364.993	1358.993	2.270153	1372.471	1371.437	2.94487	2.94487	2.94487	K120
Q121	1053	513	1356.023	1350.023	2.371190	1363.440	1362.406	2.93959	2.93959	2.93959	Q120
Q125	1011	500	1347.053	1341.053	2.472227	1354.410	1353.375	2.93431	2.93431	2.93431	Q118
K112	1099	414	1338.083	1332.083	2.573264	1345.379	1344.345	2.92903	2.92903	2.92903	K120
V126	1001	500	1329.113	1323.113	2.674301	1336.348	1335.314	2.92375	2.92375	2.92375	V126
L128	1174	411	1320.143	1314.143	2.775338	1327.317	1326.283	2.91847	2.91847	2.91847	L111
P126	1014	510	1311.173	1305.173	2.876375	1318.286	1317.252	2.91319	2.91319	2.91319	P124
P128	1014	510	1302.203	1296.203	2.977412	1309.255	1308.221	2.90791	2.90791	2.90791	P124
K129	1052	411	1293.233	1287.233	3.078449	1300.224	1299.190	2.90263	2.90263	2.90263	K122
K131	1052	411	1284.263	1278.263	3.179486	1291.193	1290.159	2.89735	2.89735	2.89735	K122
L131	1010	500	1275.293	1269.293	3.280523	1282.162	1281.128	2.89207	2.89207	2.89207	L120
E121	1010	500	1266.323	1260.323	3.381560	1273.131	1272.097	2.88679	2.88679	2.88679	E10
K130	1010	511	1257.353	1251.353	3.482597	1264.100	1263.066	2.88151	2.88151	2.88151	K120
H134	1010	511	1248.383	1242.383	3.583634	1255.069	1254.035	2.87623	2.87623	2.87623	H131
H135	1072	445	1239.413	1233.413	3.684671	1246.038	1245.004	2.87095	2.87095	2.87095	H10
K136	1040	443	1230.443	1224.443	3.785708	1237.007	1235.973	2.86567	2.86567	2.86567	K120
A137	1114	338	1221.473	1215.473	3.886745	1227.976	1226.942	2.86039	2.86039	2.86039	A124
K138	1000	431	1212.503	1206.503	3.987782	1218.945	1217.911	2.85511	2.85511	2.85511	K120
Q136	1136	387	1203.533	1197.533	4.088819	1209.914	1208.880	2.84983	2.84983	2.84983	Q120
K140	1000	430	1194.563	1188.563	4.189856	1200.883	1199.849	2.84455	2.84455	2.84455	K120

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=59.70
- ▶ F113281.dat
- ▶ query=q36986.p1
- ▶ precursor=1093.877700
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA	
Q1	44	523	0.524	100.513	59.523	0.504	49.523	238.120	417.294	2117.532	E140
E2	100	524	0.524	101.037	59.524	0.504	49.524	238.244	417.418	2117.656	E140
E3	156	524	0.524	101.561	59.524	0.504	49.524	238.368	417.542	2117.780	E140
E4	212	524	0.524	102.085	59.524	0.504	49.524	238.492	417.666	2117.904	E140
E5	268	524	0.524	102.609	59.524	0.504	49.524	238.616	417.790	2118.028	E140
E6	324	524	0.524	103.133	59.524	0.504	49.524	238.740	417.914	2118.152	E140
E7	380	524	0.524	103.657	59.524	0.504	49.524	238.864	418.038	2118.276	E140
E8	436	524	0.524	104.181	59.524	0.504	49.524	238.988	418.162	2118.400	E140
E9	492	524	0.524	104.705	59.524	0.504	49.524	239.112	418.286	2118.524	E140
E10	548	524	0.524	105.229	59.524	0.504	49.524	239.236	418.410	2118.648	E140
E11	604	524	0.524	105.753	59.524	0.504	49.524	239.360	418.534	2118.772	E140
E12	660	524	0.524	106.277	59.524	0.504	49.524	239.484	418.658	2118.896	E140
E13	716	524	0.524	106.801	59.524	0.504	49.524	239.608	418.782	2119.020	E140
E14	772	524	0.524	107.325	59.524	0.504	49.524	239.732	418.906	2119.144	E140
E15	828	524	0.524	107.849	59.524	0.504	49.524	239.856	419.030	2119.268	E140
E16	884	524	0.524	108.373	59.524	0.504	49.524	239.980	419.154	2119.392	E140
E17	940	524	0.524	108.897	59.524	0.504	49.524	240.104	419.278	2119.516	E140
E18	996	524	0.524	109.421	59.524	0.504	49.524	240.228	419.402	2119.640	E140
E19	1052	524	0.524	109.945	59.524	0.504	49.524	240.352	419.526	2119.764	E140
E20	1108	524	0.524	110.469	59.524	0.504	49.524	240.476	419.650	2119.888	E140
E21	1164	524	0.524	110.993	59.524	0.504	49.524	240.600	419.774	2120.012	E140
E22	1220	524	0.524	111.517	59.524	0.504	49.524	240.724	419.898	2120.136	E140
E23	1276	524	0.524	112.041	59.524	0.504	49.524	240.848	420.022	2120.260	E140
E24	1332	524	0.524	112.565	59.524	0.504	49.524	240.972	420.146	2120.384	E140
E25	1388	524	0.524	113.089	59.524	0.504	49.524	241.096	420.270	2120.508	E140
E26	1444	524	0.524	113.613	59.524	0.504	49.524	241.220	420.394	2120.632	E140
E27	1500	524	0.524	114.137	59.524	0.504	49.524	241.344	420.518	2120.756	E140
E28	1556	524	0.524	114.661	59.524	0.504	49.524	241.468	420.642	2120.880	E140
E29	1612	524	0.524	115.185	59.524	0.504	49.524	241.592	420.766	2121.004	E140
E30	1668	524	0.524	115.709	59.524	0.504	49.524	241.716	420.890	2121.128	E140
E31	1724	524	0.524	116.233	59.524	0.504	49.524	241.840	421.014	2121.252	E140
E32	1780	524	0.524	116.757	59.524	0.504	49.524	241.964	421.138	2121.376	E140
E33	1836	524	0.524	117.281	59.524	0.504	49.524	242.088	421.262	2121.500	E140
E34	1892	524	0.524	117.805	59.524	0.504	49.524	242.212	421.386	2121.624	E140
E35	1948	524	0.524	118.329	59.524	0.504	49.524	242.336	421.510	2121.748	E140
E36	2004	524	0.524	118.853	59.524	0.504	49.524	242.460	421.634	2121.872	E140
E37	2060	524	0.524	119.377	59.524	0.504	49.524	242.584	421.758	2121.996	E140
E38	2116	524	0.524	119.901	59.524	0.504	49.524	242.708	421.882	2122.120	E140
E39	2172	524	0.524	120.425	59.524	0.504	49.524	242.832	422.006	2122.244	E140
E40	2228	524	0.524	120.949	59.524	0.504	49.524	242.956	422.130	2122.368	E140
E41	2284	524	0.524	121.473	59.524	0.504	49.524	243.080	422.254	2122.492	E140
E42	2340	524	0.524	121.997	59.524	0.504	49.524	243.204	422.378	2122.616	E140
E43	2396	524	0.524	122.521	59.524	0.504	49.524	243.328	422.502	2122.740	E140
E44	2452	524	0.524	123.045	59.524	0.504	49.524	243.452	422.626	2122.864	E140
E45	2508	524	0.524	123.569	59.524	0.504	49.524	243.576	422.750	2122.988	E140
E46	2564	524	0.524	124.093	59.524	0.504	49.524	243.700	422.874	2123.112	E140
E47	2620	524	0.524	124.617	59.524	0.504	49.524	243.824	422.998	2123.236	E140
E48	2676	524	0.524	125.141	59.524	0.504	49.524	243.948	423.122	2123.360	E140
E49	2732	524	0.524	125.665	59.524	0.504	49.524	244.072	423.246	2123.484	E140
E50	2788	524	0.524	126.189	59.524	0.504	49.524	244.196	423.370	2123.608	E140
E51	2844	524	0.524	126.713	59.524	0.504	49.524	244.320	423.494	2123.732	E140
E52	2900	524	0.524	127.237	59.524	0.504	49.524	244.444	423.618	2123.856	E140
E53	2956	524	0.524	127.761	59.524	0.504	49.524	244.568	423.742	2123.980	E140
E54	3012	524	0.524	128.285	59.524	0.504	49.524	244.692	423.866	2124.104	E140
E55	3068	524	0.524	128.809	59.524	0.504	49.524	244.816	423.990	2124.228	E140
E56	3124	524	0.524	129.333	59.524	0.504	49.524	244.940	424.114	2124.352	E140
E57	3180	524	0.524	129.857	59.524	0.504	49.524	245.064	424.238	2124.476	E140
E58	3236	524	0.524	130.381	59.524	0.504	49.524	245.188	424.362	2124.600	E140
E59	3292	524	0.524	130.905	59.524	0.504	49.524	245.312	424.486	2124.724	E140
E60	3348	524	0.524	131.429	59.524	0.504	49.524	245.436	424.610	2124.848	E140
E61	3404	524	0.524	131.953	59.524	0.504	49.524	245.560	424.734	2124.972	E140
E62	3460	524	0.524	132.477	59.524	0.504	49.524	245.684	424.858	2125.096	E140
E63	3516	524	0.524	133.001	59.524	0.504	49.524	245.808	424.982	2125.220	E140
E64	3572	524	0.524	133.525	59.524	0.504	49.524	245.932	425.106	2125.344	E140
E65	3628	524	0.524	134.049	59.524	0.504	49.524	246.056	425.230	2125.468	E140
E66	3684	524	0.524	134.573	59.524	0.504	49.524	246.180	425.354	2125.592	E140
E67	3740	524	0.524	135.097	59.524	0.504	49.524	246.304	425.478	2125.716	E140
E68	3796	524	0.524	135.621	59.524	0.504	49.524	246.428	425.602	2125.840	E140
E69	3852	524	0.524	136.145	59.524	0.504	49.524	246.552	425.726	2125.964	E140
E70	3908	524	0.524	136.669	59.524	0.504	49.524	246.676	425.850	2126.088	E140
E71	3964	524	0.524	137.193	59.524	0.504	49.524	246.800	425.974	2126.212	E140
E72	4020	524	0.524	137.717	59.524	0.504	49.524	246.924	426.098	2126.336	E140
E73	4076	524	0.524	138.241	59.524	0.504	49.524	247.048	426.222	2126.460	E140
E74	4132	524	0.524	138.765	59.524	0.504	49.524	247.172	426.346	2126.584	E140
E75	4188	524	0.524	139.289	59.524	0.504	49.524	247.296	426.470	2126.708	E140
E76	4244	524	0.524	139.813	59.524	0.504	49.524	247.420	426.594	2126.832	E140
E77	4300	524	0.524	140.337	59.524	0.504	49.524	247.544	426.718	2126.956	E140
E78	4356	524	0.524	140.861	59.524	0.504	49.524	247.668	426.842	2127.080	E140
E79	4412	524	0.524	141.385	59.524	0.504	49.524	247.792	426.966	2127.204	E140
E80	4468	524	0.524	141.909	59.524	0.504	49.524	247.916	427.090	2127.328	E140
E81	4524	524	0.524	142.433	59.524	0.504	49.524	248.040	427.214	2127.452	E140
E82	4580	524	0.524	142.957	59.524	0.504	49.524	248.164	427.338	2127.576	E140
E83	4636	524	0.524	143.481	59.524	0.504	49.524	248.288	427.462	2127.700	E140
E84	4692	524	0.524	144.005	59.524	0.504	49.524	248.412	427.586	2127.824	E140
E85	4748	524	0.524	144.529	59.524	0.504	49.524	248.536	427.710	2127.948	E140
E86	4804	524	0.524	145.053	59.524	0.504	49.524	248.660	427.834	2128.072	E140
E87	4860	524	0.524	145.577	59.524	0.504	49.524	248.784	427.958	2128.196	E140
E88	4916	524	0.524	146.101	59.524	0.504	49.524	248.908	428.082	2128.320	E140
E89	4972	524	0.524	146.625	59.524	0.504	49.524	249.032	428.206	2128.444	E140
E90	5028	524	0.524	147.149	59.524	0.504	49.524	249.156	428.330	2128.568	E140
E91	5084	524	0.524	147.673	59.524	0.504	49.524	249.280	428.454	2128.692	E140
E92	5140	524	0.524	148.197	59.524	0.504	49.524	249.404	428.578	2128.816	E140
E93	5196	524	0.524	148.721	59.524	0.504	49.524	249.528	428.702	2128.940	E140
E94	5252	524	0.524	149.245	59.524	0.504	49.524	2			

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.10
- ▶ F113281.dat
- ▶ query=q36989.p1
- ▶ precursor=875.304810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	r	y*	yΔ	AA
E1	363.059	0.000	363.059	116.034	0.000	363.059	417.726	4.950	462.676	D140
E2	217.006	0.000	217.006	42.010	0.000	217.006	427.441	4.950	452.491	E139
E3	346.124	0.000	346.124	374.118	0.000	346.124	4126.431	4.111	4131.426	E138
L4	493.200	0.000	441.190	487.203	0.000	493.200	3993.101	3992.390	3991.301	L137
T5	375.251	0.000	375.251	601.240	0.000	375.251	3998.101	3998.200	3998.101	K136
R6	404.300	0.000	404.300	712.315	0.000	404.300	3772.250	3770.250	3770.250	K135
L7	014.411	797.404	797.404	342.421	0.000	797.404	354.174	352.174	352.103	L134
L8	107.529	0.000	107.529	308.529	0.000	107.529	317.489	311.100	311.000	L133
Q9	364.530	0.000	364.530	303.531	895.504	364.530	3418.000	3418.000	3418.000	C132
R10	1140.657	1127.639	1127.639	1168.657	1131.631	1140.657	1390.664	1349.954	1342.674	K131
V11	1236.731	1222.724	1222.724	1237.730	1232.694	1236.731	1247.691	1247.691	1247.691	V130
V12	1246.730	1232.726	1232.726	1257.729	1252.704	1246.730	1257.729	1257.729	1257.729	V129
H13	391.190	1436.618	1436.618	1481.611	1481.611	391.190	3084.744	3087.718	3088.711	H128
A14	1524.930	1507.913	1507.913	1512.914	1512.914	1524.930	1581.931	1574.913	1574.913	A127
C15	360.366	1636.443	1636.443	1646.445	1646.445	360.366	1636.443	1636.443	1636.443	C126
G16	1109.960	1092.933	1092.933	1117.919	1117.919	1109.960	1092.933	1092.933	1092.933	C125
G17	1167.101	1149.053	1149.053	1164.060	1164.060	1167.101	1176.100	1163.541	1163.511	C124
V18	1088.930	1079.913	1079.913	1084.914	1084.914	1088.930	1079.913	1079.913	1079.913	V123
L19	1099.154	1082.127	1082.127	1097.144	1097.144	1099.154	1079.913	1079.913	1079.913	V122
P20	1019.100	1009.100	1009.100	1014.101	1014.101	1019.100	1009.100	1009.100	1009.100	P121
R21	1039.100	1029.100	1029.100	1034.101	1034.101	1039.100	1029.100	1029.100	1029.100	P120
D22	2263.133	2247.123	2247.123	2257.125	2257.125	2263.133	2257.123	2257.123	2257.123	H119
Q23	2811.362	2794.349	2794.349	2804.351	2804.351	2811.362	2794.349	2794.349	2794.349	Q118
A24	2592.420	2575.402	2575.402	2585.424	2585.424	2592.420	2575.402	2575.402	2575.402	A117
V25	2811.400	2794.411	2794.411	2804.412	2804.412	2811.400	2794.411	2794.411	2794.411	V116
L26	2114.561	2097.550	2097.551	2124.570	2124.569	2114.561	2097.550	2097.550	2097.550	L115
L27	2027.000	2010.013	2010.013	2020.015	2020.015	2027.000	2010.013	2010.013	2010.013	L114
V28	1234.700	1217.687	1217.687	1227.689	1227.689	1234.700	1217.687	1217.687	1217.687	F113
R29	1552.813	1535.797	1535.797	1545.800	1545.800	1552.813	1535.797	1535.797	1535.797	K112
K30	1189.930	1171.913	1171.913	1181.915	1181.915	1189.930	1171.913	1171.913	1171.913	K111
V31	1234.700	1217.687	1217.687	1227.689	1227.689	1234.700	1217.687	1217.687	1217.687	V110
E32	3412.960	3391.972	3391.969	3401.969	3401.969	3412.960	3391.972	3391.969	3391.969	E101
S33	1669.010	1651.009	1651.009	1661.011	1661.011	1669.010	1651.009	1651.009	1651.009	S100
H34	1615.000	1601.000	1601.000	1611.000	1611.000	1615.000	1601.000	1601.000	1601.000	H107
V35	1114.140	1101.141	1101.141	1111.142	1111.142	1114.140	1101.141	1101.141	1101.141	V106
K36	3600.343	3581.217	3581.213	3591.218	3591.212	3600.343	3581.217	3581.217	3581.217	K105
A17	3971.260	3954.254	3954.250	3964.249	3964.249	3971.260	3954.254	3954.250	3954.250	A104
R18	2309.870	2292.868	2292.869	2302.868	2302.868	2309.870	2292.868	2292.868	2292.868	C103
G39	2155.597	2139.590	2139.588	2149.589	2149.588	2155.597	2139.590	2139.588	2139.588	C102
K40	3335.500	3320.498	3320.496	3330.497	3330.497	3335.500	3320.498	3320.498	3320.498	K101

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=40.10
- ▶ F113281.dat
- ▶ query=q36989_p1
- ▶ precursor=875.304810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA	
Q1	44	523	0.524	160.510	59.521	0.504	49.503	238.100	419.294	2117.532	L540
E2	100	544	0.545	160.510	59.521	0.504	174.501	238.100	419.294	2117.532	L540
E3	173	566	0.524	164.563	107.563	0.504	178.526	2094.223	2095.210	2095.138	E281
L4	273	610	0.524	170.110	104.110	0.504	201.100	2095.138	2193.088	1991.138	L177
N5	307	620	0.620	210.120	103.120	0.620	202.120	2094.800	1019.148	1094.804	N30
K6	310	614	0.614	204.614	109.614	0.614	205.610	1099.610	1099.610	1099.610	K13
L7	407	610	0.610	166.610	111.610	0.610	111.610	1017.610	1018.070	1011.100	L134
L8	404	581	0.570	143.580	119.580	0.580	109.580	1193.040	1193.040	1193.040	L133
Q9	492	714	0.714	163.710	129.710	0.710	109.710	1193.040	1193.040	1193.040	G23
K10	530	630	0.630	166.630	134.630	0.630	108.630	1017.630	1017.630	1011.100	K13
V11	620	580	0.580	141.580	131.580	0.580	108.580	1194.410	1091.501	1011.100	V10
T12	610	580	0.580	141.580	131.580	0.580	108.580	1194.410	1091.501	1011.100	T10
H13	727	635	0.635	170.630	141.630	0.630	137.630	1099.630	1099.630	1099.630	G26
A14	760	635	0.635	170.630	141.630	0.630	137.630	1099.630	1099.630	1099.630	A27
Q15	826	683	0.683	180.680	146.680	0.680	142.680	1143.110	1143.110	1143.110	G20
G16	855	693	0.693	180.690	146.690	0.690	142.690	1143.110	1143.110	1143.110	G20
Q17	884	684	0.684	184.680	146.680	0.680	142.680	1143.110	1143.110	1143.110	G24
V18	933	626	0.626	166.620	147.620	0.620	147.620	1193.040	1193.040	1193.040	V20
L19	990	680	0.680	184.680	146.680	0.680	142.680	1143.110	1143.110	1143.110	L22
P20	1000	680	0.680	184.680	146.680	0.680	142.680	1143.110	1143.110	1143.110	P21
N21	1095	628	0.628	166.620	147.620	0.620	147.620	1193.040	1193.040	1193.040	N20
Q22	1130	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	Q18
Q23	1216	200	0.200	1207.190	121.000	0.200	1021.190	1011.000	1011.000	1011.000	Q18
V24	1260	620	0.620	166.620	147.620	0.620	147.620	1193.040	1193.040	1193.040	V20
L25	1267	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	L13
L27	1414	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	L13
P28	1462	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	P15
K29	1520	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	K12
K30	1560	600	0.600	143.600	143.600	0.600	143.600	1017.600	1017.600	1017.600	K11
L31	1744	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	L13
E32	1760	600	0.600	143.600	143.600	0.600	143.600	1017.600	1017.600	1017.600	E11
S33	1740	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	S11
L34	1814	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	L13
K35	1830	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	K10
K36	1930	620	0.620	166.620	147.620	0.620	147.620	1193.040	1193.040	1193.040	K10
A37	1930	620	0.620	166.620	147.620	0.620	147.620	1193.040	1193.040	1193.040	A14
K38	2000	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	K13
G39	2010	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	G12
K40	2060	610	0.610	143.610	143.610	0.610	143.610	1017.610	1017.610	1017.610	K13

sp | Q6GSS7 | H2A2A_MOUSE

DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=40.10
- ▶ F113281.dat
- ▶ query=q36989_p1
- ▶ precursor=875.304810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
D1	301058	0.072	34.014	36.930	0.072	33.346	1463.171	1463.466	1462.171	D140
E2	311333	0.072	34.026	42.864	0.072	36.468	1439.831	1444.376	1441.831	E130
E3	138590	0.072	103.043	125.376	0.072	119.374	1370.810	1371.143	1370.044	E130
L4	153741	0.072	147.738	163.071	0.072	157.089	1331.803	1329.120	1327.803	L137
K5	1307495	0.080	109.765	109.869	0.080	109.913	1306.951	1308.101	1309.433	K530
K10	254454	236.773	238.602	243.195	238.110	237.789	1288.084	1267.416	1262.801	K130
L11	272248	266.471	268.143	281.460	275.304	275.409	1215.396	1209.721	1208.391	L134
L18	109411	306.180	313.846	318.178	311.669	312.114	1147.763	1172.020	1171.688	L133
G19	226702	323.373	322.947	338.152	332.500	332.162	1150.101	1154.101	1154.101	G125
K10	308302	336.117	374.689	380.274	384.540	384.230	1111.030	1113.324	1114.909	K133
V11	214703	401.266	407.922	424.247	417.711	417.263	1088.991	1083.260	1082.954	V134
L12	241700	431.921	441.504	436.719	431.254	430.362	1035.931	1030.266	1029.354	L120
E13	351260	476.011	476.898	484.874	480.646	480.688	1001.267	998.971	998.101	E121
A14	308371	503.294	502.998	516.913	512.637	512.259	964.957	963.965	964.194	A127
G15	331306	530.460	545.054	546.603	535.314	534.448	933.878	935.263	934.875	G126
G16	330305	554.468	564.661	571.946	574.312	573.933	898.192	898.511	897.875	G126
G17	330372	583.966	583.668	598.014	593.326	593.033	873.510	873.182	872.624	G126
V18	330365	613.990	618.605	619.669	606.363	606.163	860.178	859.900	859.704	V126
L19	350389	634.724	634.580	650.721	644.045	643.711	827.155	801.460	801.162	L122
P20	332340	667.690	667.717	672.872	665.269	665.068	789.460	785.745	781.457	P121
K21	331333	720.091	724.711	716.466	714.111	714.163	751.434	751.434	751.434	K121
G22	330440	752.374	762.440	777.781	772.510	771.713	719.095	719.095	719.092	G124
G23	311133	801.466	805.122	826.467	814.492	814.494	681.492	675.725	675.367	G128
K24	334713	829.173	830.014	844.242	838.471	838.174	636.174	635.699	635.199	K117
V25	332337	862.182	861.834	874.719	874.719	874.719	571.195	615.035	609.360	V116
L26	350319	896.695	896.528	914.864	909.138	908.860	562.012	576.311	576.009	L118
L27	343237	937.951	937.232	952.532	946.803	946.626	544.113	538.042	538.134	L114
K28	371316	960.560	960.514	964.404	959.238	959.418	478.418	469.613	469.613	K118
K29	318376	1012.460	1012.272	1017.606	1021.932	1021.604	434.272	468.597	468.769	K112
K10	330318	1026.260	1024.971	1070.306	1064.630	1064.303	431.574	425.888	425.570	K113
L31	338393	1080.861	1080.633	1085.669	1080.819	1080.619	368.819	368.819	369.819	L110
E32	1137373	1131.960	1131.667	1147.803	1141.370	1141.939	355.153	348.911	348.988	E110
S33	1131360	1161.890	1161.616	1176.111	1171.102	1171.102	312.110	306.263	306.119	S110
K34	330300	1201.890	1201.616	1216.111	1211.102	1211.102	277.491	277.491	277.491	K111
H35	2758014	1252.379	1252.093	1267.388	1261.710	1261.710	237.461	233.909	233.972	H101
K16	3303123	1276.077	1274.749	1310.084	1304.406	1304.081	181.769	184.120	182.772	K101
K17	3303123	1301.459	1300.131	1330.519	1324.841	1324.516	140.719	142.422	140.719	K101
K31	1337134	1331.474	1331.120	1336.762	1331.100	1331.100	135.433	135.743	135.743	K101
G40	1336131	1386.466	1386.134	1391.460	1386.100	1386.460	81.720	77.064	80.772	G42
K40	1442328	1437.181	1436.835	1452.171	1446.405	1446.167	63.713	64.037	63.877	K11

sp | Q6GSS7 | H2A2A_MOUSE

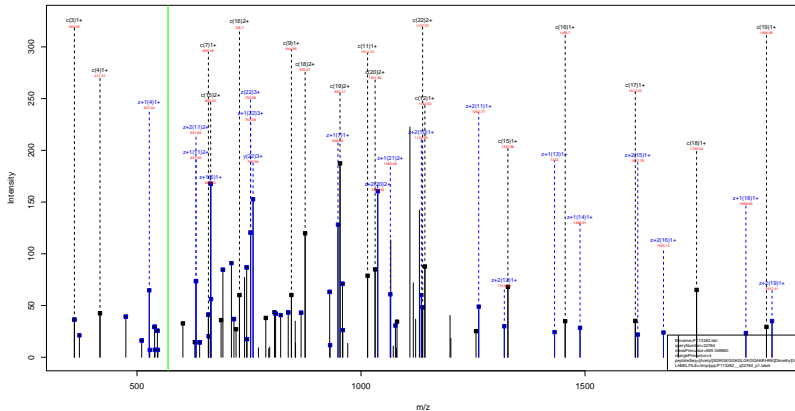
DEELNKLLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTESHKAKGK ^{Acetyl} 42.01

- ▶ fragmentation table for charge state 4+
- ▶ specType=cid
- ▶ score=40.10
- ▶ F113281.dat
- ▶ query=q36989_p1
- ▶ precursor=875.304810
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	a	a*	a.b	b	b*	b.b	v	a*	v.b	AA	
E1	22	209	0.793	124.053	20.761	0.793	29.287	1001.881	1000.028	1000.028	C140
E2	95	5295	0.793	505.523	82.0225	0.793	57.5222	1005.126	1003.899	1003.899	E139
E3	87	287	0.793	87.284	94.205	0.793	88.9783	1012.883	1028.638	1028.362	E138
L4	115	558	0.793	114.028	122.555	0.793	113.054	1016.054	1006.345	1006.345	L137
R5	144	680	1.59123	139.505	150.051	1.49353	149.954	972.333	968.077	982.813	R630
K6	176	862	1.71235	171.589	183.061	1.71834	178.588	943.823	939.596	939.320	K125
L7	204	981	2.00135	199.200	211.262	2.02710	205.839	931.792	907.542	907.246	L124
L16	213	934	2.08317	208.813	218.833	2.10339	212.319	853.553	870.272	899.805	L123
G9	246	1089	2.62133	242.327	253.888	2.64937	249.336	855.257	851.003	860.734	G122
K19	285	1211	2.81164	281.433	292.521	2.83833	288.471	841.602	836.745	836.499	K121
V11	319	1589	3.08431	308.325	317.688	3.12430	313.436	811.211	811.211	797.467	V120
L125	335	1590	3.11083	331.447	342.944	3.15062	338.446	777.253	772.945	772.705	L119
L13	384	1731	3.69484	384.138	391.225	3.68863	386.473	741.941	747.684	747.438	L118
A14	391	1869	3.77124	377.476	386.974	3.84722	384.476	723.823	719.413	719.167	A117
Q129	413	1995	4.09138	409.482	420.969	4.08873	416.981	678.801	678.801	678.801	Q128
G16	436	2091	4.21394	421.748	435.243	4.20362	430.746	673.259	669.039	668.783	G127
G13	442	2091	4.18249	438.803	449.521	445.248	445.002	653.841	650.261	650.138	G124
Q128	459	2119	4.61139	461.217	474.219	4.61337	467.219	607.789	607.789	607.789	Q127
L119	495	2444	4.91292	491.041	502.543	4.90328	496.040	630.813	616.262	616.119	L122
P120	513	2637	5.11330	511.304	526.656	5.12349	512.633	602.347	598.168	597.844	P121
N21	548	2518	5.64165	548.215	555.313	5.63360	550.814	568.264	563.627	563.381	N20
L123	576	2809	5.74132	574.088	583.581	5.74811	578.381	574.808	570.911	570.811	L114
Q123	608	3002	6.04347	604.131	615.602	6.01346	611.140	511.302	507.646	508.803	Q118
A124	626	3061	6.23135	621.200	633.191	6.20139	626.693	479.283	475.031	474.705	A113
V126	651	3139	6.66813	666.809	658.128	6.63818	653.809	469.131	465.272	465.909	V116
L106	676	3401	6.75144	674.088	685.482	6.82143	681.599	436.761	432.552	432.229	L115
L127	707.872	3178.078	7.07132	707.142	714.671	710.414	710.168	403.490	400.238	401.888	L116
P124	711	3201	7.07476	711.432	719.877	714.431	710.219	388.219	374.866	374.618	P113
P125	715	3202	7.10792	715.436	726.365	716.912	716.670	385.699	380.442	380.432	K112
K100	745	3611	7.41128	741.436	752.985	746.125	746.479	341.617	338.819	338.436	K111
L131	813	4014	8.16368	813.437	820.287	823.987	823.741	286.880	287.950	287.649	L118
L124	833.365	4111.768	8.60302	860.501	869.264	866.481	334.161	330.123	329.811	S10	
R104	860	4318	8.60278	859.290	816.527	812.270	812.024	211.828	208.371	207.701	R107
K106	875	4324	8.71260	870.290	879.528	874.512	874.028	194.028	190.442	190.765	K105
A137	893	4576	8.91319	893.071	900.174	896.119	896.672	182.071	180.818	180.740	A14
K108	1025	5667	10.21343	1021.297	1032.592	1028.341	1028.095	84.123	84.009	83.901	K103
K109	1119	6173	11.19171	1119.311	1130.801	1124.397	1124.719	62.619	62.619	62.619	K102
R403	1162	5811	10.78124	1077.878	1088.380	1080.121	1084.877	48.839	48.792	48.741	R11

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK Dimethyl VL
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VL
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=127.94
- ▶ F113282.dat
- ▶ query=q22764_p1
- ▶ precursor=569.348860
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S	147.076	2274.374	2298.385	0.000	2297.340	S
G	204.088	2145.332	2129.313	9.000	2129.309	G
R	360.199	2088.110	2072.291	2073.299	2071.284	R
G	417.220	1932.209	1916.190	1917.198	1915.182	G
K	545.315	1875.188	1859.169	1860.177	1858.161	K
G	602.337	1747.093	1731.074	1732.082	1730.066	G
G	659.358	1690.071	1674.052	1675.060	1673.045	G
R	737.453	1633.050	1617.031	1618.039	1616.023	R
G	844.475	1504.955	1488.936	1489.944	1487.928	G
L	957.559	1447.933	1431.914	1432.922	1430.907	L
G	1014.580	1334.849	1318.830	1319.838	1317.823	G
K	1142.675	1277.828	1261.809	1262.817	1260.801	K
G	1159.697	1149.733	1133.714	1134.722	1132.706	G
G	1258.718	1092.711	1076.693	1077.700	1075.685	G
A	1327.755	1035.690	1019.671	1020.679	1018.663	A
R	1455.850	964.653	948.634	949.642	947.626	R
R	1611.951	836.558	820.539	821.547	819.531	R
H	1749.010	680.457	664.438	665.446	663.430	H
K	1905.111	543.368	527.349	528.357	526.341	K
R	2061.238	407.267	371.248	372.256	370.240	R
V	2180.308	231.170	215.152	216.159	214.144	V
L	2273.390	132.102	116.083	117.091	115.075	L

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl}VL
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=127.94
- ▶ F113282.dat
- ▶ query=q22764_p1
- ▶ precursor=569.348860
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1137.691	1129.853	0.304	1129.177	S(2)
G	2	180.953	1079.169	1065.160	0.304	1064.056	G(2)
R	3	180.903	1044.050	1036.040	1037.153	1035.145	R(2)
G	4	209.114	966.908	958.599	959.103	958.095	G(1)
K	5	273.161	938.097	930.088	930.592	929.584	K(1)
G	6	301.672	874.050	866.041	866.544	865.537	G(1)
G	7	330.183	845.539	837.530	838.034	837.026	G(1)
R	8	384.239	817.028	809.019	809.523	808.515	R(1)
G	9	422.741	752.981	744.972	745.476	744.468	G(1)
L	10	479.283	724.470	716.461	716.965	715.957	L(1)
G	11	507.794	667.920	659.919	660.423	659.415	G(1)
R	12	571.841	639.417	631.408	631.912	630.904	R(1)
G	13	607.824	579.210	567.201	567.705	566.697	G(1)
G	14	628.863	546.859	538.850	539.354	538.346	G(1)
A	15	664.381	518.349	510.339	510.843	509.835	A(1)
R	16	728.429	480.838	474.821	475.325	474.317	R(1)
R	17	806.479	448.782	440.773	441.277	440.269	R(1)
H	18	875.009	340.732	332.723	333.226	332.219	H(1)
R	19	953.059	272.202	264.193	264.697	263.689	R(1)
R	20	1011.122	194.152	186.143	186.646	185.639	R(1)
V	21	1080.657	116.080	108.070	108.583	107.576	V(1)
L	22	1137.199	66.935	58.945	59.049	58.041	L(1)

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl} VL
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=127.94
- ▶ F113282.dat
- ▶ query=q22764_p1
- ▶ precursor=569.348860
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	758.796	753.457	0.672	753.121	S 22
G 2	68.704	715.782	710.442	0.672	710.107	G 21
R 3	120.738	696.775	691.435	691.771	691.099	R 20
G 4	139.745	644.741	639.402	639.738	639.066	G 19
K 5	182.443	625.734	620.394	620.730	620.059	K 18
G 6	201.450	583.036	577.696	578.032	577.366	G 17
G 7	239.456	564.029	558.689	559.025	558.353	G 16
K 8	253.156	545.021	539.682	540.018	539.346	K 15
G 9	282.163	502.323	496.984	497.319	496.648	G 14
L 10	319.858	483.316	477.976	478.312	477.640	L 13
G 11	338.865	445.621	440.282	440.618	439.946	G 12
K 12	381.563	426.614	421.275	421.610	420.939	K 11
G 13	400.570	383.916	378.576	378.912	378.240	G 10
G 14	419.578	364.909	359.569	359.905	359.233	G 9
A 15	443.257	345.901	340.562	340.898	340.226	A 8
K 16	485.995	322.222	316.883	317.219	316.547	K 7
R 17	537.989	279.524	274.185	274.520	273.849	R 6
H 18	553.675	227.490	222.151	222.487	221.815	H 5
R 19	635.709	181.804	176.465	176.800	176.129	R 4
K 20	687.751	129.770	124.431	124.767	124.095	K 3
V 21	720.774	77.728	72.389	72.725	72.053	V 2
L 22	758.468	44.705	39.366	39.702	39.030	L 1

sp | P68433 | H31_MOUSE

PK^{Acetyl}_{42.01} DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.55
- ▶ F113283.dat
- ▶ query=q39503.p1
- ▶ precursor=365.016590
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1821.057	1825.038	0.000	1804.039	P[15]
K[2]	285.192	1724.004	1707.985	1708.993	1706.973	K[14]
D[3]	400.219	1553.898	1537.880	1538.887	1536.872	D[13]
I[4]	513.303	1438.871	1422.853	1423.860	1421.845	I[12]
Q[5]	641.362	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	754.446	1197.720	1181.710	1182.718	1180.702	L[10]
A[7]	825.483	1084.645	1068.628	1069.634	1067.618	A[9]
R[8]	981.584	1013.000	997.580	998.597	996.581	R[8]
R[9]	1137.685	857.506	841.488	842.496	840.480	R[7]
I[10]	1250.769	701.405	685.387	686.394	684.379	I[6]
R[11]	1406.870	588.321	572.303	573.310	571.295	R[6]
G[12]	1463.992	432.220	416.201	417.209	415.194	G[4]
E[13]	1592.934	375.109	359.189	360.188	358.172	E[3]
R[14]	1749.035	246.156	230.137	231.145	229.130	R[2]
A[15]	1820.073	90.055	74.036	75.044	73.028	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.55
- ▶ F113283.dat
- ▶ query=q39503_p1
- ▶ precursor=365.016590
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	911.032	903.023	0.504	602.510	P[15]
K[2]	143.100	862.506	854.496	855.000	853.992	K[14]
D[3]	200.613	777.453	769.443	769.947	768.940	D[13]
T[4]	257.155	719.939	711.930	712.434	711.425	T[12]
Q[5]	321.184	663.397	655.388	655.892	654.384	Q[11]
L[6]	377.227	599.368	591.359	591.863	590.355	L[10]
A[7]	413.265	542.828	534.817	535.321	534.313	A[9]
R[8]	491.296	507.307	499.298	499.802	498.794	R[8]
R[9]	569.346	429.257	421.247	421.751	420.744	R[7]
I[10]	625.888	351.206	343.197	343.701	342.693	I[6]
R[11]	703.939	294.664	286.655	287.159	286.151	R[5]
G[12]	732.450	216.614	208.604	209.108	208.100	G[4]
E[13]	796.971	188.103	180.094	180.598	179.590	E[3]
R[14]	875.021	123.582	115.572	116.075	115.068	R[2]
A[15]	910.540	45.531	37.522	38.026	37.018	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=41.55
- ▶ F113283.dat
- ▶ query=q39503.p1
- ▶ precursor=365.016590
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	607.690	602.351	0.672	602.015	P[15]
K[2]	95.736	575.339	570.000	570.336	569.664	K[14]
D[3]	134.078	518.638	513.298	513.634	512.962	D[13]
T[4]	171.773	480.295	474.956	475.292	474.620	T[12]
Q[5]	214.459	442.091	437.261	437.597	436.925	Q[11]
L[6]	252.153	399.914	394.575	394.911	394.239	L[10]
A[7]	275.032	362.220	356.880	357.216	356.544	A[9]
R[8]	327.866	338.941	333.201	333.537	332.965	R[8]
R[9]	379.900	286.507	281.167	281.503	280.831	R[7]
I[10]	417.595	234.473	229.134	229.470	228.798	I[6]
R[11]	469.628	196.779	191.439	191.775	191.103	R[5]
G[12]	488.635	144.745	139.405	139.741	139.069	G[4]
E[13]	531.650	125.738	120.398	120.734	120.062	E[3]
R[14]	583.683	82.724	77.384	77.720	77.048	R[2]
A[15]	607.362	30.690	25.350	25.686	25.014	A[1]

sp | P68433 | H31_MOUSE

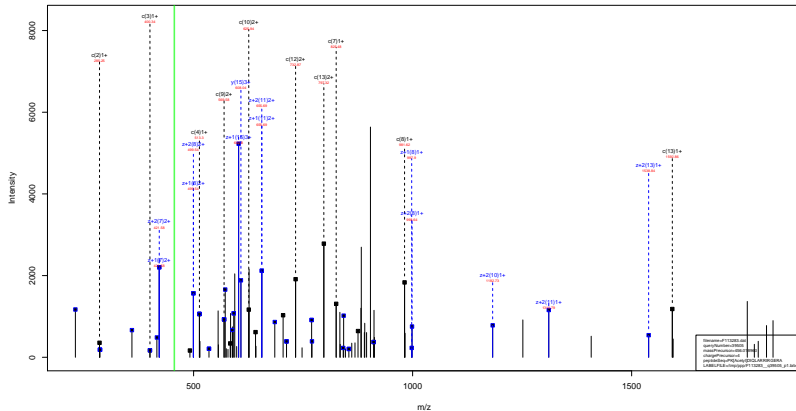
PK^{Acetyl}_{42.01} DIQLARRIGERA

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=41.55
- ▶ F113283.dat
- ▶ query=q39503_p1
- ▶ precursor=365.016590
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	456.020	452.015	0.755	451.763	P[15]
K[2]	72.053	431.756	427.752	428.004	427.500	K[14]
D[3]	100.810	309.230	385.225	385.477	384.973	D[13]
T[4]	129.081	350.473	356.469	356.721	356.217	T[12]
Q[5]	161.096	332.202	328.198	328.450	327.946	Q[11]
L[6]	189.367	330.188	295.183	295.435	295.211	L[10]
A[7]	207.128	271.917	267.912	268.164	267.660	A[9]
R[8]	246.151	254.157	250.151	250.405	249.901	R[8]
R[9]	285.177	215.152	211.127	211.379	210.875	R[7]
I[10]	313.448	176.107	172.102	172.354	171.850	I[6]
R[11]	352.473	147.836	143.831	144.083	143.579	R[5]
G[12]	366.728	108.810	104.806	105.058	104.554	G[4]
E[13]	398.989	94.955	90.950	90.802	90.298	E[3]
R[14]	438.014	62.294	58.290	58.542	58.038	R[2]
A[15]	455.774	23.289	19.285	19.516	19.013	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} DIQLARRIGERA
42.01



sp | P68433 | H31_MOUSE

PK^{Acetyl}_{42.01} DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.37
- ▶ F113283.dat
- ▶ query=q39505.p1
- ▶ precursor=456.018960
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1821.057	1805.030	0.000	1804.030	P[15]
K[2]	285.192	1724.004	1707.985	1708.993	1706.977	K[14]
D[3]	400.219	1551.898	1537.880	1538.887	1536.872	D[13]
I[4]	513.303	1438.872	1422.853	1423.860	1421.845	I[12]
Q[5]	641.362	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	754.490	1197.720	1181.702	1182.718	1180.702	L[10]
A[7]	825.483	1084.645	1068.626	1069.634	1067.618	A[9]
R[8]	981.584	1013.005	997.580	998.597	996.581	R[8]
R[9]	1137.685	857.506	841.490	842.496	840.480	R[7]
I[10]	1250.769	701.405	685.387	686.394	684.379	I[6]
R[11]	1406.870	588.321	572.303	573.310	571.295	R[5]
G[12]	1463.992	432.220	416.201	417.209	415.194	G[4]
E[13]	1592.334	278.100	305.180	306.188	304.172	E[3]
R[14]	1748.035	246.150	230.137	231.145	229.130	R[2]
A[15]	1820.073	90.055	78.030	79.044	77.028	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} DIQLARRIGERA
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.37
- ▶ F113283.dat
- ▶ query=q39505.p1
- ▶ precursor=456.018960
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	911.032	903.023	0.504	902.519	P[15]
K[2]	143.100	862.506	854.496	855.000	853.992	K[14]
D[3]	200.613	777.453	769.443	769.947	768.940	D[13]
T[4]	257.155	719.939	711.930	712.434	711.426	T[12]
Q[5]	321.184	663.397	655.388	655.892	654.884	Q[11]
L[6]	377.227	599.366	591.359	591.863	590.855	L[10]
A[7]	413.265	542.826	534.817	535.321	534.313	A[9]
R[8]	491.296	507.307	499.298	499.802	498.794	R[8]
R[9]	569.346	420.257	421.247	421.751	420.744	R[7]
I[10]	625.888	351.206	343.197	343.701	342.693	I[6]
R[11]	703.939	294.664	286.655	287.159	286.151	R[5]
G[12]	732.450	216.614	208.604	209.108	208.100	G[4]
E[13]	796.971	188.103	180.094	180.598	179.990	E[3]
R[14]	875.021	123.582	115.572	116.076	115.068	R[2]
A[15]	910.540	45.531	37.522	38.026	37.018	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.37
- ▶ F113283.dat
- ▶ query=q39505.p1
- ▶ precursor=456.018960
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	607.690	602.351	0.672	602.015	P[15]
K[2]	95.736	575.339	570.000	570.336	569.664	K[14]
D[3]	134.078	518.638	513.298	513.634	512.962	D[13]
T[4]	171.773	480.295	474.956	475.292	474.620	T[12]
Q[5]	214.459	442.601	437.261	437.597	436.925	Q[11]
L[6]	252.153	399.914	395.573	395.911	394.239	L[10]
A[7]	275.832	362.220	356.880	357.216	356.544	A[9]
R[8]	327.866	338.941	333.201	333.537	332.865	R[8]
R[9]	379.900	286.507	281.167	281.503	280.831	R[7]
I[10]	417.595	234.473	229.134	229.470	228.798	I[6]
R[11]	469.628	196.779	191.439	191.775	191.103	R[5]
G[12]	488.635	144.745	139.405	139.741	139.069	G[4]
E[13]	531.690	125.738	120.398	120.734	120.062	E[3]
R[14]	583.683	82.724	77.384	77.720	77.048	R[2]
A[15]	607.362	30.690	25.350	25.686	25.014	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl}_{42.01} DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.96
- ▶ F113283.dat
- ▶ query=q39507.p1
- ▶ precursor=365.016720
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1821.057	1805.036	0.000	1804.036	P[15]
K[2]	205.192	1724.004	1707.985	1708.993	1706.973	K[14]
D[3]	400.219	1553.898	1537.880	1538.887	1536.872	D[13]
I[4]	513.303	1438.871	1422.853	1423.860	1421.845	I[12]
Q[5]	641.362	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	754.446	1197.720	1181.710	1182.718	1180.702	L[10]
A[7]	825.483	1084.645	1068.628	1069.634	1067.618	A[9]
R[8]	981.584	1013.000	997.580	998.597	996.581	R[8]
R[9]	1137.685	857.506	841.488	842.496	840.480	R[7]
I[10]	1250.769	701.405	685.387	686.394	684.379	I[6]
R[11]	1406.870	588.321	572.303	573.310	571.295	R[6]
G[12]	1463.992	432.220	416.201	417.209	415.194	G[4]
E[13]	1592.934	275.109	359.189	360.188	358.172	E[3]
R[14]	1749.035	246.156	230.137	231.145	229.130	R[2]
A[15]	1820.073	90.055	74.036	75.044	73.028	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=30.96
- ▶ F113283.dat
- ▶ query=q39507_p1
- ▶ precursor=365.016720
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	911.032	903.023	0.504	902.519	P[15]
K[2]	143.100	862.506	854.496	855.000	853.992	K[14]
D[3]	200.613	777.453	769.443	769.947	768.940	D[13]
T[4]	257.155	719.939	711.930	712.434	711.426	T[12]
Q[5]	321.184	663.397	655.388	655.892	654.884	Q[11]
L[6]	377.227	599.368	591.359	591.863	590.856	L[10]
A[7]	413.285	542.828	534.817	535.321	534.313	A[9]
R[8]	491.296	507.307	499.298	499.802	498.794	R[8]
R[9]	569.346	429.257	421.247	421.751	420.744	R[7]
I[10]	625.888	351.206	343.197	343.701	342.693	I[6]
R[11]	703.939	294.664	286.655	287.159	286.151	R[5]
G[12]	732.450	216.614	208.604	209.108	208.100	G[4]
E[13]	796.971	188.103	180.094	180.598	179.590	E[3]
R[14]	875.021	123.582	115.572	116.076	115.068	R[2]
A[15]	910.540	45.531	37.522	38.026	37.018	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=30.96
- ▶ F113283.dat
- ▶ query=q39507_p1
- ▶ precursor=365.016720
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	607.690	602.351	0.672	602.015	P[15]
K[2]	95.736	575.339	570.000	570.336	569.664	K[14]
D[3]	134.078	518.638	513.298	513.634	512.962	D[13]
T[4]	171.773	480.295	474.956	475.292	474.620	T[12]
Q[5]	214.459	442.091	437.261	437.597	436.925	Q[11]
L[6]	252.153	399.914	394.575	394.911	394.239	L[10]
A[7]	275.832	362.220	356.880	357.216	356.544	A[9]
R[8]	327.866	338.941	333.201	333.537	332.865	R[8]
R[9]	379.900	286.507	281.167	281.503	280.831	R[7]
I[10]	417.595	234.473	229.134	229.470	228.798	I[6]
R[11]	469.628	196.779	191.439	191.775	191.103	R[5]
G[12]	488.635	144.745	139.405	139.741	139.069	G[4]
E[13]	531.650	125.738	120.398	120.734	120.062	E[3]
R[14]	583.683	82.724	77.384	77.720	77.048	R[2]
A[15]	607.362	30.690	25.350	25.686	25.014	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=30.96
- ▶ F113283.dat
- ▶ query=q39507_p1
- ▶ precursor=365.016720
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	456.020	452.015	0.795	461.763	P[15]
K[2]	72.053	431.756	427.750	428.004	427.500	K[14]
D[3]	100.610	389.230	385.225	385.477	384.973	D[13]
T[4]	129.081	360.473	356.468	356.721	356.217	T[12]
Q[5]	161.096	332.202	328.198	328.450	327.946	Q[11]
L[6]	189.387	300.126	296.121	296.435	296.331	L[10]
A[7]	207.126	271.911	267.911	268.164	267.660	A[9]
R[8]	246.151	254.157	250.153	250.405	249.901	R[8]
R[9]	285.177	235.132	231.127	231.379	230.875	R[7]
I[10]	313.448	176.107	172.102	172.354	171.850	I[6]
R[11]	352.473	147.836	143.831	144.083	143.579	R[5]
G[12]	366.728	108.610	104.606	105.058	104.554	G[4]
E[13]	398.969	94.555	90.550	90.802	90.298	E[3]
R[14]	438.014	62.294	58.290	58.542	58.038	R[2]
A[15]	455.774	23.269	19.265	19.516	19.013	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.01
- ▶ F113283.dat
- ▶ query=q39510.p1
- ▶ precursor=607.689790
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1821.857	1805.038	0.000	1804.038	P[15]
K[2]	285.192	1124.058	1107.595	1708.993	1106.977	K[14]
D[3]	490.219	1553.988	1537.580	1538.887	1536.872	D[13]
I[4]	513.303	1438.871	1422.853	1423.860	1421.845	I[12]
Q[5]	641.362	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	754.446	1197.726	1181.710	1182.718	1180.702	L[10]
A[7]	827.493	1084.641	1068.625	1069.634	1067.618	A[9]
R[8]	981.584	1013.005	997.520	998.597	996.581	R[8]
R[9]	1137.685	857.506	841.488	842.495	840.480	R[7]
H[10]	1250.769	701.405	685.367	686.394	684.379	H[6]
R[11]	1406.870	588.321	572.303	573.310	571.295	R[5]
G[12]	1463.892	432.220	416.201	417.209	415.194	G[4]
E[13]	1592.934	375.199	359.180	360.188	358.172	E[3]
R[14]	1749.035	246.150	230.137	231.145	229.130	R[2]
A[15]	1820.073	90.085	74.036	75.044	73.028	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl}_{42.01} DIQLARRIGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.01
- ▶ F113283.dat
- ▶ query=q39510.p1
- ▶ precursor=607.689790
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	911.032	903.023	0.504	902.519	P[15]
K[2]	143.100	862.505	854.496	855.000	853.992	R[14]
D[3]	200.613	777.453	769.443	769.947	768.940	D[13]
T[4]	257.155	719.939	711.930	712.434	711.426	I[12]
Q[5]	321.184	663.397	655.388	655.892	654.884	Q[11]
L[6]	377.227	599.365	591.359	591.863	590.856	L[10]
A[7]	413.243	542.826	534.817	535.321	534.313	A[9]
R[8]	451.296	507.307	499.298	499.802	498.794	R[8]
R[9]	569.346	429.257	421.247	421.751	420.744	R[7]
I[10]	625.888	351.206	343.197	343.701	342.693	I[6]
R[11]	703.939	294.664	286.655	287.159	286.151	R[5]
G[12]	732.450	216.614	208.604	209.108	208.100	G[4]
E[13]	796.971	138.103	130.094	130.598	129.590	E[3]
R[14]	875.021	123.582	115.572	116.076	115.068	R[2]
A[15]	910.540	45.531	37.522	38.026	37.018	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl}_{42.01} DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.33
- ▶ F113283.dat
- ▶ query=q39512.p1
- ▶ precursor=456.019340
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1821.057	1805.030	0.000	1804.030	P[15]
K[2]	285.192	1724.004	1707.985	1708.993	1706.977	K[14]
D[3]	400.219	1551.898	1537.880	1538.887	1536.872	D[13]
I[4]	513.303	1438.873	1422.853	1423.860	1421.845	I[12]
Q[5]	641.362	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	754.480	1197.729	1181.710	1182.718	1180.702	L[10]
A[7]	825.483	1084.645	1068.626	1069.634	1067.618	A[9]
R[8]	981.584	1013.005	997.550	998.597	996.581	R[8]
R[9]	1137.685	857.508	841.498	842.496	840.480	R[7]
I[10]	1250.769	701.405	685.387	686.394	684.379	I[6]
R[11]	1406.870	588.321	572.303	573.310	571.295	R[5]
G[12]	1463.892	432.220	416.201	417.209	415.194	G[4]
E[13]	1592.934	278.100	305.180	306.188	304.172	E[3]
R[14]	1749.035	246.150	230.137	231.145	229.130	R[2]
A[15]	1820.073	90.055	78.036	79.044	77.028	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl}_{42.01} DIQLARRIGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=55.33
- ▶ F113283.dat
- ▶ query=q39512.p1
- ▶ precursor=456.019340
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	911.032	903.023	0.504	902.519	P[15]
K[2]	143.100	862.506	854.490	855.000	853.992	K[14]
D[3]	200.613	777.453	769.443	769.947	768.940	D[13]
T[4]	257.155	719.939	711.930	712.434	711.426	T[12]
Q[5]	321.184	663.397	655.388	655.892	654.884	Q[11]
L[6]	377.227	599.366	591.359	591.863	590.855	L[10]
A[7]	413.265	542.826	534.817	533.811	534.313	A[9]
R[8]	491.296	507.307	499.298	499.802	498.794	R[8]
R[9]	569.346	420.257	421.247	421.751	420.744	R[7]
I[10]	625.888	351.206	343.197	343.701	342.693	I[6]
R[11]	703.939	294.664	286.655	287.159	286.151	R[5]
G[12]	732.450	216.614	208.604	209.108	208.100	G[4]
E[13]	796.971	188.103	180.094	180.598	179.590	E[3]
R[14]	875.021	123.582	115.573	116.076	115.068	R[2]
A[15]	910.540	45.531	37.522	38.026	37.018	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=55.33
- ▶ F113283.dat
- ▶ query=q39512.p1
- ▶ precursor=456.019340
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	607.690	602.351	0.672	602.015	P[15]
K[2]	95.736	575.339	570.000	570.336	569.664	K[14]
D[3]	134.078	518.638	513.298	513.634	512.962	D[13]
T[4]	171.773	480.295	474.956	475.292	474.620	T[12]
Q[5]	214.459	442.601	437.261	437.597	436.925	Q[11]
L[6]	252.153	399.914	394.573	394.911	394.239	L[10]
A[7]	275.832	362.220	356.880	357.216	356.544	A[9]
R[8]	327.866	328.941	323.201	323.537	322.865	R[8]
R[9]	379.900	286.507	281.167	281.503	280.831	R[7]
I[10]	417.595	234.473	229.134	229.470	228.798	I[6]
R[11]	469.628	196.779	191.439	191.775	191.103	R[5]
G[12]	488.635	144.745	139.405	139.741	139.069	G[4]
E[13]	531.690	125.738	120.398	120.734	120.062	E[3]
R[14]	583.683	82.724	77.384	77.720	77.048	R[2]
A[15]	607.362	30.690	25.350	25.686	25.014	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} DIQLARRIGERA
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.18
- ▶ F113283.dat
- ▶ query=q39514.p1
- ▶ precursor=607.690310
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1821.057	1806.036	0.000	1804.036	P[15]
K[2]	285.192	1724.004	1707.955	1538.087	1536.872	K[14]
D[3]	400.219	1553.898	1537.880	1422.853	1423.860	D[13]
H[4]	511.303	1438.871			1421.845	H[12]
Q[5]	641.362	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	754.446	1197.729	1184.710	1162.718	1180.702	L[10]
A[7]	823.473	1084.645	1068.626	1069.634	1067.618	A[9]
R[8]	981.584	1013.505	997.589	998.597	995.583	R[8]
R[9]	1137.685	957.508	841.488	842.496	840.480	R[7]
H[10]	1250.769	701.405	685.387	686.394	684.379	H[6]
R[11]	1406.870	588.321	572.303	573.310	571.295	R[5]
G[12]	1463.892	432.220	416.201	417.209	415.194	G[4]
E[13]	1592.934	378.199	359.180	360.188	358.172	E[3]
R[14]	1749.035	246.150	230.137	231.145	229.130	R[2]
A[15]	1820.073	90.055	74.036	75.044	73.028	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl}_{42.01} DIQLARRIGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.18
- ▶ F113283.dat
- ▶ query=q39514_p1
- ▶ precursor=607.690310
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	911.032	903.023	0.504	602.510	P[15]
K[2]	143.100	862.506	854.496	055.000	853.992	R[14]
D[3]	200.613	777.453	769.443	769.947	768.940	D[13]
T[4]	257.155	719.939	711.930	712.434	711.426	I[12]
Q[5]	321.184	663.397	655.388	655.892	654.884	Q[11]
L[6]	377.727	599.368	591.359	591.863	590.856	L[10]
A[7]	413.245	542.826	534.817	535.321	534.313	A[9]
R[8]	481.296	507.307	499.298	499.802	498.794	R[8]
R[9]	569.348	426.257	421.247	421.751	420.744	R[7]
I[10]	625.888	351.206	343.197	343.701	342.693	I[6]
R[11]	703.939	294.664	286.655	287.159	286.151	R[5]
G[12]	732.430	216.614	208.604	209.108	208.100	G[4]
E[13]	796.971	188.103	180.094	180.598	179.590	E[3]
R[14]	875.021	123.582	115.572	116.076	115.068	R[2]
A[15]	910.540	45.531	37.522	38.026	37.018	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.74
- ▶ F113283.dat
- ▶ query=q39516.p1
- ▶ precursor=607.690370
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	#+1	#+2	z	AA
P[1]	115.087	1821.059	1805.038	0.000	1304.030	P[15]
K[2]	285.192	1724.004	1707.953	1708.993	1706.972	K[14]
D[3]	400.219	1553.898	1537.880	1538.887	1536.872	D[13]
H[4]	513.303	1438.871	1423.853	1423.860	1421.845	H[12]
Q[5]	641.362	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	764.446	1197.729	1181.710	1182.718	1180.702	L[10]
A[7]	878.493	1084.645	1068.626	1069.634	1067.618	A[9]
R[8]	981.584	1013.608	997.590	998.597	996.581	R[8]
R[9]	1137.685	857.500	841.488	842.496	840.480	R[7]
H[10]	1250.769	701.405	685.387	686.394	684.379	H[6]
R[11]	1406.870	588.321	572.303	573.310	571.295	R[5]
G[12]	1463.892	430.230	416.201	417.209	415.194	G[4]
E[13]	1592.934	378.199	363.180	364.188	362.172	E[3]
R[14]	1749.035	246.156	230.137	231.145	229.130	R[2]
A[15]	1820.073	90.055	74.036	75.044	73.028	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=28.74
- ▶ F113283.dat
- ▶ query=q39516.p1
- ▶ precursor=607.690370
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	911.032	903.023	0.504	902.519	P[15]
K[2]	143.100	862.506	854.496	855.000	853.992	K[14]
D[3]	200.613	777.453	769.443	769.947	768.940	D[13]
T[4]	257.155	719.939	711.930	712.434	711.426	T[12]
Q[5]	321.184	663.397	655.388	655.892	654.884	Q[11]
L[6]	377.227	599.366	591.359	591.863	590.855	L[10]
A[7]	413.248	542.826	534.817	533.811	534.313	A[9]
R[8]	491.296	507.307	499.298	499.802	498.794	R[8]
R[9]	569.346	429.257	421.247	421.751	420.744	R[7]
I[10]	625.888	351.206	343.197	343.701	342.693	I[6]
R[11]	703.939	294.664	286.655	287.159	286.151	R[5]
G[12]	732.450	216.614	208.604	209.108	208.100	G[4]
E[13]	796.971	188.103	180.094	180.598	179.590	E[3]
R[14]	875.021	123.582	115.572	116.076	115.068	R[2]
A[15]	910.540	45.531	37.522	38.026	37.018	A[1]

sp | P68433 | H31_MOUSE

PK^{Acetyl} 42.01 DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.28
- ▶ F113283.dat
- ▶ query=q39518_p1
- ▶ precursor=607.690790
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1821.057	1805.038	0.000	1804.036	P[18]
K[2]	285.192	1724.004	1707.985	1708.993	1705.977	K[14]
D[3]	400.219	1553.898	1537.880	1538.087	1536.872	D[13]
H[4]	511.303	1438.871	1422.853	1423.860	1421.845	H[12]
Q[5]	641.362	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	754.446	1197.729	1181.710	1182.718	1180.702	L[10]
A[7]	875.493	1084.645	1068.628	1069.634	1067.618	A[9]
R[8]	981.584	1013.505	997.500	998.597	995.582	R[8]
R[9]	1137.685	957.500	841.488	842.496	840.480	R[7]
H[10]	1250.769	701.405	685.387	686.394	684.379	H[6]
R[11]	1406.870	588.321	572.303	573.310	571.295	R[5]
G[12]	1463.892	432.230	416.201	417.209	415.194	G[4]
E[13]	1592.934	378.199	359.180	360.188	358.172	E[3]
R[14]	1748.035	246.150	230.137	231.145	229.130	R[2]
A[15]	1820.073	90.055	74.036	75.044	73.028	A[1]

sp | P68433 | H31_MOUSE

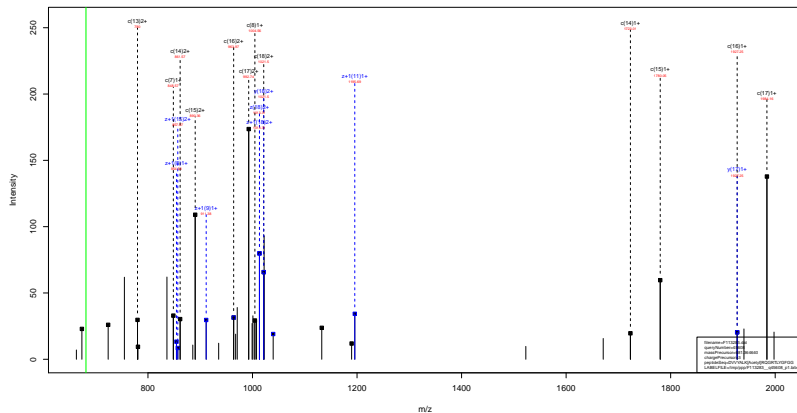
PK^{Acetyl}_{42.01} DIQLARRIGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.28
- ▶ F113283.dat
- ▶ query=q39518_p1
- ▶ precursor=607.690790
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	911.032	903.023	0.504	902.519	P[15]
K[2]	143.100	862.506	854.496	855.000	853.992	K[14]
D[3]	200.613	777.453	769.443	769.947	768.940	D[13]
T[4]	257.155	719.939	711.930	712.434	711.426	T[12]
Q[5]	321.184	663.397	655.388	655.892	654.884	Q[11]
L[6]	377.227	599.366	591.359	591.863	590.855	L[10]
A[7]	413.243	542.826	534.817	535.321	534.313	A[9]
R[8]	491.296	507.307	499.298	499.802	498.794	R[8]
R[9]	569.346	429.257	421.247	421.751	420.744	R[7]
I[10]	625.888	351.206	343.197	343.701	342.693	I[6]
K[11]	703.939	294.664	286.655	287.159	286.151	K[5]
G[12]	732.450	216.614	208.604	209.108	208.100	G[4]
E[13]	796.971	188.103	180.094	180.598	179.590	E[3]
R[14]	875.021	123.582	115.572	116.076	115.068	R[2]
A[15]	910.540	45.531	37.522	38.026	37.018	A[1]

sp | P62806 | H4_MOUSE

DVVYALK^{Acetyl} RQGRTLYGFGG
42.01



sp | P62806 | H4_MOUSE

DVVYALK^{Acetyl} RQGRTLYGFGG
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.60
- ▶ F113283.dat
- ▶ query=q45608_p1
- ▶ precursor=681.364640
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	111.061	2042.982	2028.663	0.000	2029.055	D[18]
V[2]	232.129	1927.055	1911.636	0.000	1910.638	V[17]
V[3]	331.198	1827.986	1811.968	0.000	1810.960	V[16]
Y[4]	404.261	1728.918	1712.899	0.000	1711.891	Y[15]
A[5]	505.298	1595.851	1589.836	0.000	1548.828	A[14]
L[6]	678.382	1498.810	1478.799	0.000	1477.791	L[13]
R[7]	848.488	1381.734	1365.715	1366.723	1364.707	R[12]
R[8]	1004.589	1211.638	1195.609	1196.617	1194.601	R[11]
Q[9]	1132.647	1055.527	1039.508	1040.516	1038.500	Q[10]
G[10]	1189.669	927.468	911.450	912.457	910.442	G[9]
R[11]	1285.770	870.447	854.428	855.436	853.420	R[8]
T[12]	1466.818	718.340	693.327	699.335	697.319	T[7]
L[13]	1559.902	613.268	597.279	598.287	596.271	L[6]
Y[14]	1722.965	500.214	484.195	485.203	483.187	Y[5]
G[15]	1779.986	337.151	321.132	322.140	320.124	G[4]
F[16]	1927.055	280.129	264.110	265.118	263.103	F[3]
G[17]	1984.076	133.063	117.042	118.050	116.034	G[2]
G[18]	2041.098	70.030	60.021	61.028	59.011	G[1]

sp | P62806 | H4_MOUSE

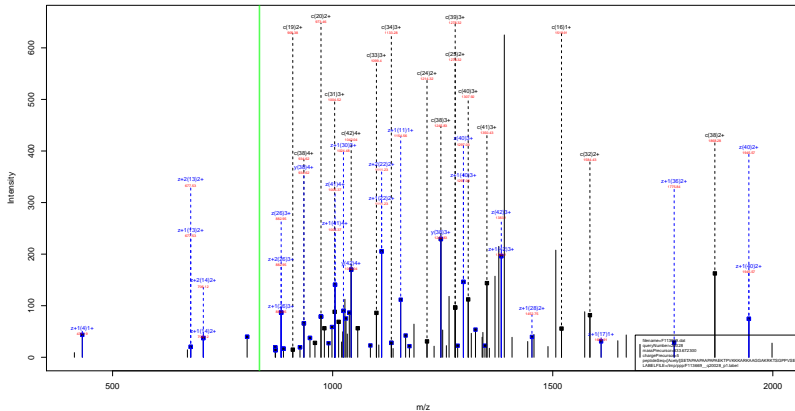
DVYALK^{Acetyl} RQGRTLYGFGG
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.60
- ▶ F113283.dat
- ▶ query=q45608_p1
- ▶ precursor=681.364640
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	1021.545	1013.535	0.504	1013.031	D[10]
V[2]	116.566	964.031	956.022	0.504	955.518	V[17]
V[3]	166.102	914.497	906.487	0.504	905.984	V[16]
Y[4]	247.634	864.963	856.953	0.504	856.449	Y[15]
A[5]	283.153	783.431	775.422	0.504	774.918	A[14]
L[6]	339.695	747.917	739.903	0.504	739.399	L[13]
R[7]	424.747	691.370	683.361	683.805	682.851	R[12]
R[8]	502.798	606.310	598.308	598.812	597.804	R[11]
Q[9]	566.827	526.267	520.258	520.762	519.754	Q[10]
G[10]	595.338	464.238	456.228	456.732	455.725	G[9]
R[11]	673.389	435.227	427.218	428.222	427.214	R[8]
T[12]	721.912	357.670	349.667	350.171	349.163	T[7]
L[13]	780.454	307.153	299.143	299.647	298.639	L[6]
V[14]	861.986	250.611	242.601	243.105	242.097	V[5]
G[15]	890.497	169.070	161.070	161.574	160.566	G[4]
F[16]	964.031	140.568	132.559	133.063	132.059	F[3]
G[17]	992.542	67.034	59.025	59.529	58.521	G[2]
G[18]	1021.053	38.523	30.514	31.018	30.013	G[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.80
- ▶ F113669.dat
- ▶ query=q20028_p1
- ▶ precursor=833.672300
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	4164.325	4148.306	0.000	4147.299	S[42]
E	2	276.119	4035.283	4019.264	0.000	4018.256	E[41]
T	3	377.187	3906.240	3890.221	0.000	3889.213	T[40]
A	4	448.204	3805.192	3789.174	0.000	3788.166	A[39]
P	5	545.297	3734.155	3718.136	0.000	3717.128	P[38]
A	6	616.294	3637.102	3621.084	0.000	3620.076	A[37]
A	7	687.331	3566.065	3550.047	0.000	3549.039	A[36]
F	8	784.384	3495.028	3479.010	0.000	3478.002	F[35]
A	9	855.421	3397.975	3381.957	0.000	3380.949	A[34]
A	10	926.458	3326.938	3310.920	0.000	3309.912	A[33]
P	11	1023.511	3255.901	3239.882	0.000	3238.875	P[32]
A	12	1094.548	3158.848	3142.830	0.000	3141.822	A[31]
F	13	1191.600	3087.811	3071.793	0.000	3070.785	F[30]
A	14	1262.638	2990.759	2974.740	0.000	2973.732	A[29]
E	15	1397.689	2919.721	2903.703	0.000	2902.695	E[28]
K	16	1518.775	2790.678	2774.660	2773.648	2773.652	K[27]
V	17	1620.823	2692.584	2686.565	2647.573	2645.557	V[26]
P	18	1717.876	2591.536	2545.517	2546.525	2544.510	P[25]
V	19	1816.944	2494.483	2448.465	2449.473	2447.457	V[24]
K	20	1945.039	2395.415	2349.396	2350.404	2348.389	K[23]
K	21	2073.134	2237.320	2221.303	2222.309	2220.294	K[22]
K	22	2201.229	2109.275	2093.258	2094.274	2092.199	K[21]
A	23	2272.266	1981.130	1955.111	1956.119	1954.105	A[20]
R	24	2428.307	1910.093	1894.074	1895.082	1893.066	R[19]
K	25	2506.402	1783.062	1737.079	1738.081	1736.055	K[18]
A	26	2627.499	1625.897	1609.878	1610.886	1608.870	A[17]
A	27	2698.536	1554.860	1538.841	1539.849	1537.833	A[16]
E	28	2759.578	1483.823	1467.804	1468.812	1466.796	E[15]
G	29	2812.579	1426.801	1410.783	1411.790	1409.775	G[14]
A	30	2863.616	1369.780	1353.761	1354.769	1352.753	A[13]
K	31	3011.711	1298.743	1282.724	1283.732	1281.716	K[12]
R	32	3187.812	1170.648	1154.629	1155.637	1153.621	R[11]
K	33	3295.907	1014.547	998.528	999.536	997.520	K[10]
T	34	3306.935	898.425	870.433	871.441	869.425	T[9]
S	35	3483.987	778.304	769.308	770.303	768.307	S[8]
G	36	3541.009	698.172	682.353	683.361	681.345	G[7]
P	37	3638.061	641.350	625.332	626.340	624.324	P[6]
F	38	3735.114	544.298	528.279	529.287	527.271	F[5]
V	39	3834.182	447.245	431.226	432.234	430.218	V[4]
S	40	3921.214	348.177	342.158	343.166	341.150	S[3]
L	41	4009.257	281.144	265.125	266.134	264.118	L[2]
L	42	4103.341	132.102	116.083	117.091	115.075	L[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=31.80
- ▶ F113669.dat
- ▶ query=q20028.p1
- ▶ precursor=833.672300
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2082.666	2074.657	0.504	2074.153	S[42]
E	2	138.563	2018.145	2010.136	0.504	2009.632	E[41]
L	3	189.087	1951.624	1945.614	0.504	1945.110	L[40]
A	4	234.608	1893.108	1893.996	0.504	1894.387	A[39]
P	5	273.132	1857.581	1859.572	0.504	1859.055	P[38]
A	6	308.650	1819.055	1811.045	0.504	1810.542	A[37]
A	7	344.169	1793.536	1775.527	0.504	1775.027	A[36]
P	8	392.695	1748.018	1740.008	0.504	1739.504	P[35]
A	9	428.214	1699.491	1691.482	0.504	1690.978	A[34]
A	10	463.733	1653.973	1653.963	0.504	1655.466	A[33]
P	11	512.259	1628.454	1620.444	0.504	1619.941	P[32]
A	12	547.777	1579.928	1571.918	0.504	1571.415	A[31]
P	13	596.304	1544.409	1536.400	0.504	1535.896	P[30]
A	14	631.822	1495.883	1487.874	0.504	1487.370	A[29]
E	15	666.344	1450.364	1452.355	0.504	1451.851	E[28]
R	16	700.291	1399.843	1387.834	1389.336	1387.336	R[27]
L	17	810.915	1331.790	1323.780	1324.290	1323.282	L[26]
P	18	859.441	1281.272	1273.262	1273.766	1272.758	P[25]
V	19	908.976	1232.745	1224.736	1225.240	1224.232	V[24]
K	20	973.023	1183.211	1175.202	1175.706	1174.698	K[23]
K	21	1037.671	1139.684	1111.154	1111.658	1110.650	K[22]
K	22	1101.118	1095.116	1094.706	1094.713	1096.607	K[21]
A	23	1136.637	991.069	983.059	983.563	982.555	A[20]
R	24	1214.687	955.550	947.541	948.045	947.037	R[19]
K	25	1278.735	877.500	869.490	869.994	868.986	K[18]
A	26	1314.253	813.452	805.443	805.947	804.939	A[17]
A	27	1350.772	777.624	769.615	770.426	769.420	A[16]
G	28	1378.283	742.615	734.606	734.910	733.902	G[15]
G	29	1406.793	713.604	705.895	706.399	705.391	G[14]
A	30	1442.312	685.394	677.384	677.888	676.880	A[13]
K	31	1509.359	649.875	641.866	642.370	641.362	K[12]
R	32	1584.410	585.627	577.618	578.322	577.314	R[11]
R	33	1668.457	507.702	499.700	500.271	499.264	R[10]
L	34	1698.984	443.729	435.720	436.224	435.217	L[9]
S	35	1742.497	393.206	385.196	385.700	384.692	S[8]
G	36	1771.008	349.690	341.680	342.184	341.176	G[7]
P	37	1819.534	321.179	313.170	313.673	312.666	P[6]
P	38	1868.061	272.652	264.643	265.147	264.139	P[5]
V	39	1917.595	224.136	216.117	216.621	215.613	V[4]
S	40	1961.111	174.582	166.583	167.086	166.079	S[3]
E	41	2025.632	131.070	123.062	123.570	122.563	E[2]
L	42	2082.174	66.555	58.546	59.049	58.041	L[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=31.80
- ▶ F113669.dat
- ▶ query=q20028.p1
- ▶ precursor=833.672300
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	49.697	1388.780	1383.440	0.672	1383.104	S 42
E 2	92.711	1345.766	1340.426	0.672	1340.090	E 41
T 3	128.394	1302.792	1297.412	0.672	1297.076	T 40
A 4	150.073	1260.560	1255.229	0.672	1255.391	A 39
P 5	182.424	1245.390	1240.050	0.672	1239.714	P 38
A 6	206.103	1213.030	1207.699	0.672	1207.363	A 37
A 7	229.782	1189.360	1184.020	0.672	1183.684	A 36
P 8	262.133	1165.681	1160.341	0.672	1160.005	P 35
A 9	285.812	1133.330	1127.990	0.672	1127.654	A 34
A 10	309.491	1109.661	1104.321	0.672	1103.975	A 33
P 11	341.842	1085.972	1080.632	0.672	1080.296	P 32
A 12	365.521	1053.621	1048.281	0.672	1047.945	A 31
P 13	397.872	1029.942	1024.602	0.672	1024.266	P 30
A 14	421.551	997.591	992.251	0.672	991.916	A 29
E 15	464.205	973.912	968.572	0.672	968.236	E 28
R 16	497.283	939.993	925.558	925.894	925.222	R 27
T 17	540.946	888.199	882.860	883.196	882.524	T 26
P 18	573.297	854.517	849.177	849.513	848.841	P 25
V 19	606.320	822.160	816.820	817.162	816.490	V 24
K 20	649.018	789.143	783.804	784.140	783.468	K 23
K 21	691.126	746.445	741.105	741.441	740.769	K 22
K 22	734.414	703.747	698.407	698.743	698.071	K 21
A 23	758.094	661.048	655.709	656.045	655.373	A 20
R 24	810.127	637.309	632.030	632.366	631.694	R 19
K 25	852.826	595.139	579.666	580.332	579.666	K 18
A 26	876.505	542.637	537.298	537.634	536.962	A 17
A 27	900.184	510.958	513.619	513.954	513.282	A 16
Q 28	919.191	469.379	429.660	429.718	429.504	Q 15
Q 29	938.198	475.272	470.932	471.268	470.596	Q 14
A 30	961.877	457.205	451.925	452.261	451.589	A 13
K 31	1004.575	413.586	428.246	428.582	427.910	K 12
R 32	1056.609	390.887	385.548	385.884	385.212	R 11
K 33	1099.307	338.854	333.514	333.850	333.178	K 10
T 34	1112.590	296.151	290.811	291.152	290.480	T 9
S 35	1162.001	262.473	257.133	257.469	256.797	S 8
G 36	1181.008	213.462	208.123	208.459	207.787	G 7
P 37	1213.359	214.455	209.115	209.451	208.779	P 6
P 38	1245.710	182.104	176.765	177.100	176.429	P 5
V 39	1278.732	149.753	144.414	144.750	144.078	V 4
S 40	1307.743	116.780	111.441	111.777	111.105	S 3
E 41	1350.757	87.220	82.380	82.716	82.044	E 2
L 42	1388.452	44.705	39.366	39.702	39.030	L 1

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKKKARKAAGGAKRKTSGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=31.80
- ▶ F113669.dat
- ▶ query=q20028.p1
- ▶ precursor=833.672300
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA	
S	1	37.525	1041.837	1037.832	0.755	1037.580	S[42]
E	2	69.785	1005.576	1005.571	0.755	1005.319	E[41]
T	3	95.047	977.315	973.311	0.755	971.059	T[40]
A	4	112.506	952.054	948.049	0.755	947.797	A[39]
P	5	137.070	934.294	930.290	0.755	930.038	P[38]
A	6	154.829	910.031	906.026	0.755	905.774	A[37]
A	7	172.588	892.272	888.267	0.755	888.015	A[36]
P	8	190.351	874.513	870.508	0.755	870.256	P[35]
A	9	214.811	859.249	855.245	0.755	849.993	A[34]
A	10	232.570	832.490	828.485	0.755	828.233	A[33]
P	11	256.633	814.731	810.726	0.755	810.474	P[32]
A	12	274.392	790.468	786.463	0.755	786.211	A[31]
P	13	298.656	772.709	768.704	0.755	768.452	P[30]
A	14	316.415	748.445	744.440	0.755	744.188	A[29]
E	15	348.675	730.686	726.681	0.755	726.429	E[28]
K	16	380.699	699.423	694.420	684.672	694.169	K[27]
T	17	405.961	666.403	662.397	662.649	662.145	T[26]
P	18	430.224	641.140	637.135	637.387	636.883	P[25]
V	19	454.991	616.876	612.872	613.124	612.620	V[24]
K	20	487.015	592.100	588.105	588.356	587.853	K[23]
K	21	519.039	566.085	562.081	566.333	565.829	K[22]
K	22	551.063	539.060	534.057	534.309	533.805	K[21]
A	23	568.522	496.030	492.033	492.285	491.781	A[20]
R	24	607.847	478.279	474.274	474.526	474.022	R[19]
K	25	639.871	439.253	435.249	435.501	434.997	K[18]
A	26	657.630	407.230	403.225	403.477	402.973	A[17]
A	27	675.390	389.470	385.466	385.718	385.214	A[16]
E	28	699.845	371.711	367.706	367.958	367.454	E[15]
G	29	703.900	357.450	353.451	353.703	353.199	G[14]
A	30	721.660	343.200	339.196	339.448	338.944	A[13]
K	31	753.683	325.441	321.436	321.688	321.184	K[12]
R	32	792.709	293.417	289.413	289.665	289.161	R[11]
K	33	824.732	254.392	250.387	250.639	250.135	K[10]
T	34	849.094	222.368	218.364	218.616	218.112	T[9]
S	35	871.752	191.100	189.102	193.354	192.850	S[8]
G	36	886.008	175.348	171.344	171.596	171.092	G[7]
P	37	910.271	161.093	157.088	157.340	156.836	P[6]
P	38	934.534	136.830	132.825	133.077	132.573	P[5]
V	39	959.301	112.507	108.502	108.814	108.310	V[4]
S	40	981.059	87.800	83.795	84.047	83.543	S[3]
E	41	1013.320	66.943	62.937	63.289	61.785	E[2]
L	42	1041.591	33.781	29.776	30.028	28.524	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.35
- ▶ F113669.dat
- ▶ query=q20046_p1
- ▶ precursor=847.884540
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	a+1	a+2	z	AA
S	1	147.076	4235.397	4219.360	0.000	4218.361	S[43]
E	2	278.119	4138.345	4099.329	0.000	4099.311	E[42]
T	3	377.167	3977.302	3961.264	0.000	3960.270	T[41]
A	4	448.204	3876.255	3860.236	0.000	3859.238	A[40]
F	5	545.257	3805.217	3789.199	0.000	3788.191	F[39]
A	6	616.294	3708.165	3692.146	0.000	3691.138	A[38]
A	7	667.331	3637.128	3621.109	0.000	3620.101	A[37]
P	8	704.384	3566.090	3550.072	0.000	3549.064	P[36]
A	9	855.421	3499.038	3483.019	0.000	3482.011	A[35]
A	10	926.458	3398.001	3381.982	0.000	3380.974	A[34]
P	11	1023.511	3326.963	3310.945	0.000	3309.937	P[33]
A	12	1094.548	3229.911	3213.892	0.000	3212.884	A[32]
P	13	1161.600	3158.874	3142.855	0.000	3141.847	P[31]
V	14	1209.669	3091.823	3075.802	0.000	3074.794	V[30]
E	15	1419.711	2962.752	2946.734	0.000	2945.726	E[29]
K	16	1547.806	2833.710	2817.691	2818.699	2816.683	K[28]
T	17	1648.854	2705.615	2689.596	2690.604	2688.588	T[27]
P	18	1745.907	2604.567	2588.548	2589.556	2587.541	P[26]
V	19	1844.975	2507.514	2491.496	2492.504	2490.488	V[25]
R	20	1913.079	2408.466	2392.427	2393.435	2391.418	R[24]
K	21	2101.105	2288.351	2274.332	2285.340	2283.324	K[23]
R	22	2229.200	2152.256	2138.237	2137.245	2135.230	R[22]
A	23	2300.297	2024.161	2008.142	2009.150	2007.135	A[21]
K	24	2428.392	1953.124	1937.105	1938.113	1936.097	K[20]
K	25	2526.460	1825.029	1809.010	1810.018	1808.002	K[19]
T	26	2657.538	1696.934	1680.915	1681.923	1679.906	T[18]
G	27	2714.556	1595.886	1579.868	1580.875	1578.860	G[17]
A	28	2785.593	1538.865	1522.846	1523.854	1521.838	A[16]
A	29	2856.631	1467.828	1451.809	1452.817	1450.801	A[15]
A	30	2927.668	1396.791	1380.772	1381.780	1379.764	A[14]
C	31	2984.689	1325.754	1309.735	1310.743	1308.727	C[13]
K	32	3112.784	1268.732	1252.713	1253.721	1251.706	K[12]
R	33	3268.888	1140.637	1124.618	1125.626	1123.611	R[11]
K	34	3398.980	984.536	968.517	969.525	967.509	K[10]
A	35	3488.017	856.441	840.422	841.430	839.413	A[9]
S	36	3555.049	795.404	789.385	770.363	768.377	S[8]
G	37	3632.071	668.372	662.353	663.361	661.345	G[7]
P	38	3709.124	611.359	605.340	606.348	604.332	P[6]
P	39	3806.176	544.298	538.279	529.287	527.271	P[5]
V	40	3905.245	447.245	431.226	432.234	430.218	V[4]
S	41	3992.277	348.177	332.158	333.166	331.150	S[3]
E	42	4121.319	261.144	245.126	246.134	244.118	E[2]
L	43	4234.403	132.102	116.083	117.091	115.075	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.35
- ▶ F113669.dat
- ▶ query=q20046_p1
- ▶ precursor=847.884540
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	2118.197	2110.188	0.504	2109.684	E[43]
E	2	138.563	2051.676	2045.667	0.504	2045.163	E[42]
T	3	189.087	1988.355	1981.345	0.504	1980.841	F[41]
A	4	224.606	1928.631	1920.622	0.504	1920.118	A[40]
F	5	273.132	1903.112	1895.103	0.504	1894.599	F[39]
A	6	308.650	1854.586	1846.577	0.504	1846.073	A[38]
A	7	344.169	1819.067	1811.058	0.504	1810.554	A[37]
F	8	382.695	1783.549	1775.540	0.504	1775.036	F[36]
A	9	428.214	1752.022	1744.013	0.504	1743.509	A[35]
A	10	463.733	1699.504	1691.495	0.504	1690.991	A[34]
F	11	512.259	1663.965	1655.956	0.504	1655.452	F[33]
A	12	547.777	1615.439	1607.450	0.504	1606.946	A[32]
F	13	586.304	1579.940	1571.931	0.504	1571.427	F[31]
V	14	645.838	1538.424	1530.415	0.504	1529.911	V[30]
E	15	710.359	1489.880	1473.870	0.504	1473.367	E[29]
K	16	774.407	1447.359	1439.349	1409.853	1408.845	K[28]
T	17	824.911	1383.311	1345.302	1345.806	1344.798	T[27]
F	18	873.457	1302.787	1294.778	1295.282	1294.274	F[26]
V	19	922.974	1254.261	1246.251	1246.755	1245.748	V[25]
K	20	957.039	1204.727	1195.717	1197.221	1196.213	K[24]
K	21	1051.086	1140.679	1132.670	1133.174	1132.166	K[23]
K	22	1115.134	1076.632	1068.622	1069.126	1068.118	K[22]
A	23	1150.652	1012.584	1004.575	1005.079	1004.071	A[21]
K	24	1214.709	977.066	969.056	969.560	968.552	K[20]
K	25	1278.747	913.018	905.009	905.513	904.505	K[19]
T	26	1328.271	848.911	840.901	841.405	840.457	T[18]
G	27	1357.782	798.447	790.437	790.941	789.934	G[17]
A	28	1383.300	769.936	761.927	762.431	761.423	A[16]
A	29	1428.819	734.419	726.408	726.912	725.904	A[15]
A	30	1464.337	690.099	690.603	691.107	690.100	A[14]
C	31	1492.848	663.380	663.884	664.388	663.380	C[13]
K	32	1556.896	634.970	624.960	625.464	624.456	K[12]
R	33	1634.946	670.822	562.813	563.317	562.309	R[11]
K	34	1698.994	692.772	484.762	485.266	484.258	K[10]
A	35	1734.512	428.724	428.715	421.219	420.211	A[9]
S	36	1778.028	383.206	383.197	385.700	384.692	S[8]
G	37	1808.539	349.689	341.680	342.184	341.176	G[7]
F	38	1855.065	321.179	313.170	313.673	312.666	F[6]
F	39	1903.592	272.652	264.643	265.147	264.139	F[5]
V	40	1953.126	254.129	218.117	218.621	215.613	V[4]
S	41	1986.642	174.592	166.583	167.086	166.078	S[3]
E	42	2001.613	134.076	123.987	124.490	123.482	E[2]
L	43	2117.705	66.555	58.545	59.049	58.041	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.35
- ▶ F113669.dat
- ▶ query=q20046_p1
- ▶ precursor=847.884540
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	60.697	1412.461	1407.128	0.672	1406.702	S[42]
S[2]	62.711	1309.451	1364.714	0.672	1363.776	S[43]
T[3]	126.594	1326.430	1321.099	0.672	1320.763	T[41]
A[4]	150.073	1292.756	1287.417	0.672	1287.081	A[40]
F[5]	162.424	1269.077	1263.736	0.672	1263.400	F[39]
A[6]	206.103	1236.720	1231.367	0.672	1231.051	A[38]
A[7]	229.762	1231.041	1207.706	0.672	1207.372	A[37]
P[8]	262.133	1189.368	1184.029	0.672	1183.693	P[36]
A[9]	285.812	1157.017	1151.676	0.672	1151.342	A[35]
A[10]	309.491	1133.338	1127.999	0.672	1127.663	A[34]
P[11]	341.842	1109.659	1104.320	0.672	1103.984	P[33]
A[12]	365.521	1077.308	1071.969	0.672	1071.633	A[32]
P[13]	397.872	1051.620	1046.290	0.672	1047.954	P[31]
V[14]	430.694	1021.276	1015.639	0.672	1015.660	V[30]
E[15]	473.909	988.250	982.916	0.672	982.500	E[29]
K[16]	516.607	945.241	939.902	940.238	939.566	K[28]
T[17]	550.290	902.547	897.204	897.539	896.868	T[27]
P[18]	582.640	868.861	863.521	863.857	863.185	P[26]
V[19]	615.663	836.510	831.170	831.506	830.834	V[25]
K[20]	658.302	803.467	798.147	798.483	797.811	K[24]
K[21]	701.000	760.769	755.449	755.785	755.113	K[23]
K[22]	743.758	718.000	712.751	713.087	712.415	K[22]
A[23]	767.437	675.392	670.052	670.388	669.716	A[21]
K[24]	810.136	651.713	646.373	646.709	646.037	K[20]
K[25]	852.834	609.015	603.675	604.011	603.339	K[19]
T[26]	896.616	566.316	560.977	561.313	560.641	T[18]
G[27]	905.524	533.634	527.294	527.630	526.958	G[17]
A[28]	929.203	513.626	508.287	508.623	507.951	A[16]
A[29]	952.882	469.947	464.608	464.944	464.272	A[15]
A[30]	976.561	466.260	460.920	461.255	460.591	A[14]
G[31]	995.568	442.580	437.250	437.586	436.914	G[13]
K[32]	1038.266	423.567	418.243	418.579	417.907	K[12]
R[33]	1050.300	380.884	375.544	375.880	375.208	R[11]
K[34]	1132.998	328.850	323.511	323.847	323.175	K[10]
A[35]	1156.677	286.157	280.812	281.148	280.476	A[0]
S[36]	1185.688	262.473	257.133	257.469	256.797	S[8]
G[37]	1204.695	231.462	226.123	226.459	225.787	G[7]
P[38]	1237.046	214.451	209.115	209.451	208.779	P[6]
P[39]	1269.397	182.104	176.765	177.100	176.425	P[5]
V[40]	1302.420	149.753	144.414	144.750	144.078	V[4]
S[41]	1331.430	116.730	111.391	111.727	111.055	S[3]
E[42]	1374.445	87.720	82.380	82.716	82.044	E[2]
L[43]	1412.139	44.705	39.366	39.702	39.030	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=47.35
- ▶ F113669.dat
- ▶ query=q20046.p1
- ▶ precursor=847.884540
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	37.525	1059.602	1055.598	0.755	1055.346	S 42
E 2	69.785	1027.342	1023.337	0.755	1023.085	E 42
T 3	95.047	995.081	991.076	0.755	990.824	T 41
A 4	112.806	969.819	965.814	0.755	965.562	A 40
P 5	127.070	952.000	948.055	0.755	947.803	P 39
A 6	154.820	927.797	923.792	0.755	923.540	A 38
A 7	172.588	910.037	906.033	0.755	905.781	A 37
P 8	190.351	892.276	888.273	0.755	888.021	P 36
A 9	214.611	868.015	864.010	0.755	863.758	A 35
A 10	232.370	850.256	846.251	0.755	845.999	A 34
P 11	256.633	826.000	822.002	0.755	821.749	P 33
A 12	274.392	808.233	804.238	0.755	803.976	A 32
P 13	290.656	790.474	786.469	0.755	786.217	P 31
V 14	323.423	766.211	762.206	0.755	761.954	V 30
E 15	355.683	741.444	737.439	0.755	737.187	E 29
K 16	387.707	709.183	705.178	705.430	704.926	K 28
T 17	412.969	677.159	673.154	673.406	672.903	T 27
P 18	437.232	651.897	647.893	648.145	647.641	P 26
V 19	461.999	627.634	623.629	623.881	623.377	V 25
K 20	494.023	602.967	598.962	599.114	598.611	K 24
K 21	526.047	579.843	566.839	567.090	566.587	K 23
K 22	558.070	558.819	534.815	535.067	534.563	K 22
A 23	578.830	506.796	502.791	503.043	502.539	A 21
K 24	607.854	489.030	485.032	485.284	484.780	K 20
K 25	639.877	457.013	453.008	453.260	452.756	K 19
T 26	665.139	434.989	430.984	431.236	430.732	T 18
T 27	679.395	395.727	395.727	395.974	395.470	T 17
A 28	697.154	385.472	381.467	381.719	381.215	A 16
A 29	714.913	367.712	363.708	363.960	363.456	A 15
A 30	732.672	349.953	345.948	346.200	345.696	A 14
G 31	746.928	332.194	328.189	328.441	327.937	G 13
K 32	778.951	317.608	313.604	313.856	313.352	K 12
K 33	817.974	289.915	281.910	282.162	281.658	K 11
K 34	850.001	246.889	242.885	243.137	242.633	K 10
A 35	867.760	214.899	210.891	211.113	210.609	A 9
S 36	889.518	197.100	193.102	193.354	192.850	S 8
G 37	903.773	175.348	171.344	171.596	171.092	G 7
P 38	924.026	161.093	157.088	157.340	156.836	P 6
P 39	952.300	139.839	132.826	133.077	132.573	P 5
V 40	977.067	112.507	108.502	108.814	108.310	V 4
S 41	998.825	87.800	83.795	84.047	83.543	S 3
E 42	1031.085	66.042	62.037	62.289	61.785	E 2
L 43	1059.356	33.781	29.776	30.028	29.524	L 1

sp | P43277 | H13_MOUSE

[Acetyl]S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.07
- ▶ F113669.dat
- ▶ query=q20079_p1
- ▶ precursor=720.065550
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
S	1	227.043	4315.394	4299.135	0.000	4299.327	S[43]
E	3	366.085	4156.345	4098.335	0.000	4099.311	E[42]
F	3	457.133	3977.302	3961.294	0.000	3960.276	F[41]
A	4	528.170	3876.255	3860.236	0.000	3859.228	A[40]
F	5	605.223	3805.217	3789.199	0.000	3788.191	F[39]
A	6	696.260	3708.165	3692.146	0.000	3691.138	A[38]
A	7	757.297	3637.128	3621.109	0.000	3620.101	A[37]
F	8	884.350	3566.090	3550.072	0.000	3549.064	F[36]
A	9	935.397	3499.035	3483.019	0.000	3482.011	A[35]
A	10	1006.424	3398.001	3381.982	0.000	3380.974	A[34]
P	11	1103.477	3326.963	3310.945	0.000	3309.937	P[33]
A	12	1174.514	3229.911	3213.892	0.000	3212.884	A[32]
P	13	1271.567	3158.874	3142.855	0.000	3141.847	P[31]
V	14	1370.635	3081.821	3065.802	0.000	3064.794	V[30]
E	15	1489.678	2992.782	2946.734	0.000	2945.726	E[29]
K	16	1627.773	2933.710	2817.691	2816.699	2810.661	K[28]
T	17	1728.820	2705.615	2689.596	2690.604	2688.588	T[27]
F	18	1825.873	2604.567	2588.548	2589.556	2587.541	F[26]
V	19	1924.942	2507.514	2491.495	2492.504	2490.488	V[25]
K	20	2023.037	2406.448	2390.429	2391.436	2391.410	K[24]
K	21	2181.132	2380.351	2264.332	2265.340	2263.324	K[23]
K	22	2309.226	2152.256	2136.237	2137.245	2135.230	K[22]
A	23	2380.264	2024.161	2008.142	2009.150	2007.135	A[21]
K	24	2508.359	1993.124	1937.105	1938.113	1936.097	K[20]
K	25	2636.454	1825.029	1809.010	1810.018	1808.002	K[19]
T	26	2737.501	1696.934	1680.915	1681.923	1679.908	T[18]
G	27	2794.573	1595.886	1579.868	1580.875	1578.860	G[17]
A	28	2865.590	1538.865	1522.846	1523.854	1521.838	A[16]
A	29	2936.597	1467.828	1451.809	1452.817	1450.801	A[15]
A	30	3007.634	1396.791	1380.772	1381.780	1379.764	A[14]
G	31	3064.655	1325.754	1309.735	1310.743	1308.727	G[13]
K	32	3162.750	1268.732	1252.713	1253.721	1251.706	K[12]
P	33	3348.852	1140.697	1124.618	1125.626	1123.611	P[11]
K	34	3476.947	994.535	968.517	969.525	967.509	K[10]
A	35	3547.984	856.441	840.422	841.430	839.415	A[9]
S	36	3635.016	785.404	769.385	770.393	768.377	S[8]
G	37	3692.037	698.372	682.353	683.361	681.345	G[7]
P	38	3789.090	641.350	625.332	626.340	624.324	P[6]
F	39	3888.143	644.296	628.279	629.287	627.271	F[5]
V	40	3985.211	647.245	631.226	632.234	630.218	V[4]
S	41	4072.243	648.177	632.158	633.166	631.150	S[3]
E	42	4301.286	261.144	245.126	246.134	244.118	E[2]
L	43	4314.370	132.102	116.083	117.091	115.075	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=30.07
- ▶ F113669.dat
- ▶ query=q20079_p1
- ▶ precursor=720.065550
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	114.025	2158.181	2150.171	0.504	2149.667	S[43]
E	2	118.540	2053.076	2045.067	0.504	2045.561	E[42]
T	3	229.078	1989.153	1981.145	0.504	1980.641	T[41]
A	4	294.589	1938.031	1930.022	0.504	1930.518	A[40]
P	5	313.115	1903.112	1895.103	0.504	1894.599	P[39]
A	6	368.634	1854.588	1846.577	0.504	1846.073	A[38]
A	7	384.152	1819.067	1811.058	0.504	1810.554	A[37]
P	8	432.679	1783.546	1775.536	0.504	1775.030	P[36]
A	9	488.197	1735.022	1727.013	0.504	1726.509	A[35]
A	10	503.716	1699.504	1691.495	0.504	1690.991	A[34]
P	11	552.242	1663.985	1655.976	0.504	1655.472	P[33]
A	12	567.761	1615.459	1607.450	0.504	1606.946	A[32]
P	13	636.287	1570.940	1571.931	0.504	1571.427	P[31]
V	14	685.821	1531.414	1523.405	0.504	1522.901	V[30]
E	15	750.343	1481.888	1473.879	0.504	1473.367	E[29]
K	16	814.866	1447.358	1439.349	1409.853	1408.845	K[28]
T	17	864.014	1383.311	1345.302	1345.806	1344.798	T[27]
P	18	913.440	1302.787	1294.778	1295.282	1294.274	P[26]
V	19	952.974	1254.261	1246.251	1246.755	1245.748	V[25]
K	20	1027.822	1204.727	1196.717	1197.211	1196.211	K[24]
K	21	1091.899	1140.679	1132.670	1133.174	1132.166	K[23]
K	22	1155.117	1076.632	1068.622	1069.126	1068.118	K[22]
A	23	1190.635	1012.584	1004.575	1005.079	1004.071	A[21]
K	24	1254.683	977.056	969.050	969.549	968.552	K[20]
K	25	1318.730	913.018	905.009	905.513	904.505	K[19]
T	26	1369.254	848.971	840.961	841.465	840.457	T[18]
G	27	1397.765	798.447	790.437	790.941	789.934	G[17]
A	28	1433.284	769.938	761.927	762.431	761.423	A[16]
A	29	1468.802	734.418	726.408	726.912	725.904	A[15]
A	30	1504.321	698.899	690.890	691.394	690.386	A[14]
G	31	1532.831	663.380	655.371	655.875	654.867	G[13]
R	32	1596.879	634.870	626.860	627.364	626.356	R[12]
R	33	1674.352	578.824	562.813	563.317	562.309	R[11]
K	34	1738.977	492.772	484.762	485.266	484.258	K[10]
A	35	1774.495	428.724	420.715	421.219	420.211	A[9]
S	36	1818.011	393.206	385.196	385.700	384.692	S[8]
G	37	1886.522	349.680	341.670	342.174	341.176	G[7]
P	38	1895.048	321.179	313.170	313.674	312.666	P[6]
P	39	1943.575	272.652	264.643	265.147	264.139	P[5]
V	40	1993.109	224.126	216.117	216.621	215.613	V[4]
S	41	2056.625	174.592	166.583	167.086	166.079	S[3]
E	42	2101.146	131.070	123.067	123.570	122.563	E[2]
L	43	2157.689	66.555	58.545	59.049	58.041	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=30.07
- ▶ F113669.dat
- ▶ query=q20079_p1
- ▶ precursor=720.065550
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA	
S	1	76.352	1439.123	1433.783	0.672	1433.447	S[43]
E	3	119.387	1369.453	1364.214	0.672	1360.770	E[42]
I	3	151.049	1326.432	1321.099	0.612	1320.761	I[41]
A	4	178.728	1292.756	1287.417	0.672	1287.081	A[40]
P	5	209.079	1269.077	1263.738	0.672	1263.400	P[39]
A	6	232.758	1236.758	1231.397	0.672	1231.051	A[38]
A	7	256.437	1213.047	1207.708	0.672	1207.372	A[37]
P	8	288.788	1199.369	1184.029	0.672	1183.693	P[36]
A	9	312.467	1157.017	1151.678	0.672	1151.342	A[35]
A	10	336.146	1133.338	1127.999	0.672	1127.663	A[34]
P	11	368.497	1109.659	1104.320	0.672	1103.984	P[33]
A	12	392.176	1077.308	1071.969	0.672	1071.633	A[32]
P	13	424.527	1053.629	1048.290	0.672	1047.954	P[31]
V	14	457.550	1021.278	1015.939	0.672	1015.603	V[30]
E	15	500.554	989.256	983.916	0.672	982.580	E[29]
K	16	543.262	948.241	939.902	940.236	019.596	K[28]
T	17	576.945	902.543	897.204	897.539	896.868	T[27]
P	18	609.296	869.861	863.521	863.857	863.189	P[26]
V	19	642.219	836.510	831.170	831.506	830.834	V[25]
K	20	685.017	803.461	798.147	798.483	797.811	K[24]
K	21	727.715	760.160	755.449	755.785	755.111	K[23]
K	22	770.414	718.090	712.751	713.087	712.415	K[22]
A	23	794.093	675.392	670.052	670.388	669.718	A[21]
K	24	836.791	651.713	646.373	646.709	646.037	K[20]
K	25	879.489	609.015	603.675	604.011	603.339	K[19]
T	26	923.172	566.310	560.971	561.313	560.641	T[18]
G	27	932.179	532.834	527.494	527.836	526.956	G[17]
A	28	955.858	513.626	508.287	508.623	507.951	A[16]
A	29	979.537	489.947	484.608	484.944	484.272	A[15]
A	30	1003.216	466.268	460.929	461.265	460.593	A[14]
G	31	1027.233	442.589	437.250	437.586	436.914	G[13]
K	32	1064.922	423.583	418.243	418.579	417.907	K[12]
R	33	1116.955	380.884	375.544	375.880	375.208	R[11]
K	34	1159.654	328.850	323.511	323.847	323.175	K[10]
A	35	1183.333	286.152	280.812	281.148	280.476	A[9]
S	36	1212.343	262.473	257.133	257.469	256.797	S[8]
G	37	1231.351	233.462	228.123	228.459	227.787	G[7]
P	38	1263.701	214.455	209.115	209.451	208.779	P[6]
P	39	1296.052	182.194	176.765	177.101	176.429	P[5]
V	40	1329.076	149.753	144.414	144.750	144.078	V[4]
S	41	1358.086	116.730	111.391	111.727	111.055	S[3]
E	42	1401.100	87.720	82.380	82.716	82.044	E[2]
L	43	1438.795	44.705	39.366	39.702	39.030	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=30.07
- ▶ F113669.dat
- ▶ query=q20079_p1
- ▶ precursor=720.065550
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	97.616	1079.594	1078.589	0.755	1078.337	S[43]
E	2	89.777	1027.342	1023.337	0.755	1023.085	E[42]
T	3	115.039	995.081	991.076	0.755	990.824	T[41]
A	4	132.798	969.819	965.814	0.755	965.562	A[40]
P	5	157.081	927.062	923.055	0.755	922.803	P[39]
A	6	174.820	927.797	923.792	0.755	923.540	A[38]
A	7	192.580	910.037	906.033	0.755	905.781	A[37]
P	8	216.843	892.278	888.273	0.755	888.021	P[36]
A	9	234.602	868.015	864.010	0.755	863.758	A[35]
A	10	252.361	850.250	846.251	0.755	845.999	A[34]
P	11	276.625	832.496	828.492	0.755	828.240	P[33]
A	12	294.384	808.233	804.228	0.755	803.976	A[32]
T	13	318.687	790.474	786.469	0.755	786.217	T[31]
V	14	343.414	766.211	762.206	0.755	761.954	V[30]
E	15	375.675	741.444	737.439	0.755	737.187	E[29]
K	16	407.699	709.183	705.178	705.430	704.928	K[28]
T	17	432.061	677.159	673.154	673.406	672.903	T[27]
P	18	457.224	651.897	647.893	648.145	647.641	P[26]
V	19	481.991	627.634	623.629	623.881	623.377	V[25]
K	20	514.015	602.867	598.862	599.114	598.610	K[24]
K	21	548.038	570.843	566.839	567.090	566.587	K[23]
K	22	578.062	538.810	534.815	535.067	534.563	K[22]
A	23	595.821	506.796	502.791	503.043	502.539	A[21]
K	24	627.845	489.038	485.032	485.284	484.780	K[20]
K	25	659.869	457.013	453.008	453.260	452.756	K[19]
T	26	685.131	424.989	420.984	421.236	420.732	T[18]
G	27	699.386	399.727	395.722	395.974	395.470	G[17]
A	28	717.145	385.472	381.467	381.719	381.215	A[16]
A	29	734.905	367.712	363.706	363.958	363.454	A[15]
A	30	752.664	349.951	345.946	346.200	345.695	A[14]
G	31	766.919	332.194	328.188	328.441	327.937	G[13]
K	32	798.943	317.938	313.934	314.186	313.682	K[12]
K	33	837.968	285.915	281.910	282.162	281.658	K[11]
K	34	869.992	246.889	242.885	243.137	242.633	K[10]
A	35	887.751	214.868	210.861	211.113	210.609	A[9]
S	36	909.509	197.106	193.102	193.354	192.850	S[8]
G	37	923.765	175.348	171.344	171.596	171.092	G[7]
P	38	948.028	187.091	183.088	183.340	182.836	P[6]
P	39	972.291	158.830	154.825	155.077	154.573	P[5]
V	40	997.058	112.567	108.562	108.814	108.310	V[4]
S	41	1018.816	87.800	83.795	84.047	83.543	S[3]
E	42	1051.077	66.042	62.037	62.289	61.785	E[2]
L	43	1079.348	33.781	29.776	30.028	29.524	L[1]

sp | P43277 | H13_MOUSE

[Acetyl]S^(Phospho)_(79.97) ETAPAAPAAPAPVEKTPVKKKAKKTGAAAGKRKASGPPVSEL

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=30.07
- ▶ F113669.dat
- ▶ query=q20079_p1
- ▶ precursor=720.065550
- ▶ chargePrecursor=6
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
S	1	46.214	863.877	860.673	0.806	860.471	S	43
E	2	72.023	822.075	818.871	0.806	818.669	E	42
T	3	92.232	795.266	793.063	0.806	792.861	T	41
A	4	106.440	776.057	772.853	0.806	772.651	A	40
P	5	125.890	761.849	758.646	0.806	758.444	P	39
A	6	140.058	742.439	739.235	0.806	739.033	A	38
A	7	154.265	728.231	725.028	0.806	724.826	A	37
P	8	173.676	714.024	710.820	0.806	710.619	P	36
A	9	187.883	694.613	691.410	0.806	691.208	A	35
A	10	202.091	680.406	677.202	0.806	677.001	A	34
P	11	221.501	666.199	662.995	0.806	662.793	P	33
A	12	235.709	646.788	643.584	0.806	643.383	A	32
P	13	255.119	632.581	629.377	0.806	629.175	P	31
V	14	274.933	613.170	609.966	0.806	609.765	V	30
E	15	300.741	593.356	590.153	0.806	589.951	E	29
K	16	326.360	567.548	564.344	0.806	564.142	K	28
T	17	346.570	541.929	538.725	0.806	538.523	T	27
P	18	365.980	521.719	518.516	0.806	518.314	P	26
V	19	385.794	502.309	499.105	0.806	498.903	V	25
K	20	411.413	482.495	479.291	0.806	479.090	K	24
K	21	437.032	456.876	453.672	0.806	453.471	K	23
K	22	462.651	431.257	428.053	0.806	427.852	K	22
K	23	478.859	405.638	402.434	0.806	402.233	K	21
K	24	502.478	391.431	388.227	0.806	388.026	K	20
K	25	528.097	365.812	362.608	0.806	362.406	K	19
T	26	548.306	340.193	336.989	0.806	336.787	T	18
G	27	559.710	319.983	316.779	0.806	316.578	G	17
A	28	573.918	308.579	305.375	0.806	305.173	A	16
A	29	588.125	294.371	291.168	0.806	290.966	A	15
A	30	602.333	280.164	276.960	0.806	276.759	A	14
G	31	613.737	265.957	262.753	0.806	262.551	G	13
K	32	639.356	234.302	231.098	0.806	230.896	K	12
K	33	670.576	228.931	225.727	0.806	225.525	K	11
K	34	695.195	197.713	194.509	0.806	194.308	K	10
A	35	710.403	172.094	168.890	0.806	168.689	A	9
S	36	727.809	157.887	154.683	0.806	154.481	S	8
G	37	739.213	140.480	137.276	0.806	137.075	G	7
P	38	758.624	129.076	125.872	0.806	125.671	P	6
P	39	778.034	109.665	106.462	0.806	106.260	P	5
V	40	797.848	90.255	87.051	0.806	86.849	V	4
S	41	815.254	70.441	67.237	0.806	67.036	S	3
E	42	841.063	53.035	49.831	0.806	49.629	E	2
L	43	863.680	37.226	34.022	0.806	33.821	L	1

sp | P62806 | H4_MOUSE

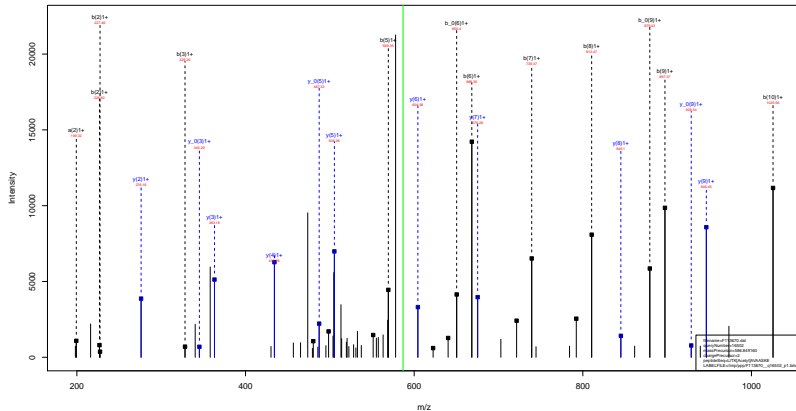
[Acetyl]S^{Phospho}_{79.97} GRGKGGKGL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=31.56
- ▶ F113669.dat
- ▶ query=q5831.p1
- ▶ precursor=519.758830
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	227.041	1038.509	1022.490	0.000	1021.481	S[10]
G[2]	284.084	629.500	813.482	0.000	812.474	G[9]
R[3]	440.105	772.470	756.460	757.468	755.452	R[8]
G[4]	497.187	616.378	600.359	601.367	599.351	G[7]
K[5]	625.282	509.356	543.337	544.345	542.330	K[6]
G[6]	682.303	431.261	415.243	416.250	414.235	G[5]
G[7]	739.335	374.240	358.221	359.229	357.213	G[4]
K[8]	867.428	317.218	301.200	302.207	300.182	K[3]
G[9]	924.441	189.123	173.105	174.112	172.087	G[2]
L[10]	1037.525	132.102	116.083	117.091	115.075	L[1]

sp | P15864 | H12_MOUSE

LITK ^{Acetyl}AVAASKE
42.01



sp | P15864 | H12_MOUSE

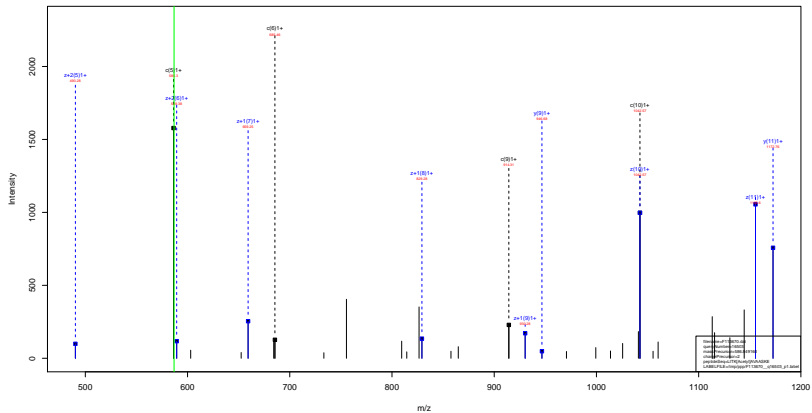
LITK^{Acetyl} AVAASKE
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=71.45
- ▶ F113670.dat
- ▶ query=q16502_p1
- ▶ precursor=586.849160
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	y ^a	a ₀	b	b ^a	b ₀	y	y ^a	y ₀	AA
L11	88.298	0.025	0.000	132.295	0.000	0.000	117.280	1120.852	1154.878	L111
T12	159.180	0.043	0.000	227.175	0.000	0.000	1208.894	1042.729	2044.964	T02
T13	300.578	0.059	282.211	328.231	0.000	310.211	846.530	929.484	928.510	T03
K14	470.534	0.113	452.121	498.529	481.302	480.318	845.473	828.444	827.462	K16
A15	643.314	0.164	625.166	563.366	546.139	531.355	875.367	858.341	857.359	A17
V16	840.439	0.214	822.429	868.434	851.408	850.424	864.338	849.304	848.321	V18
A17	1114.716	0.264	1097.469	738.471	722.445	721.461	505.282	488.255	487.251	A19
A18	1382.513	0.314	1365.467	134.503	810.508	793.482	792.498	434.225	417.198	A14
S19	1669.948	0.373	1652.933	891.548	874.524	873.530	361.187	344.161	345.177	S11
R10	1897.840	0.403	1879.834	1025.635	1008.609	1007.625	276.155	259.129	258.145	R12
E11	1124.683	1.028	1108.671	1154.676	1137.651	1136.667	148.600	0.000	130.600	E11

sp | P15864 | H12_MOUSE

LITK ^{Acetyl} 42.01 AVAASKE



sp | P15864 | H12_MOUSE

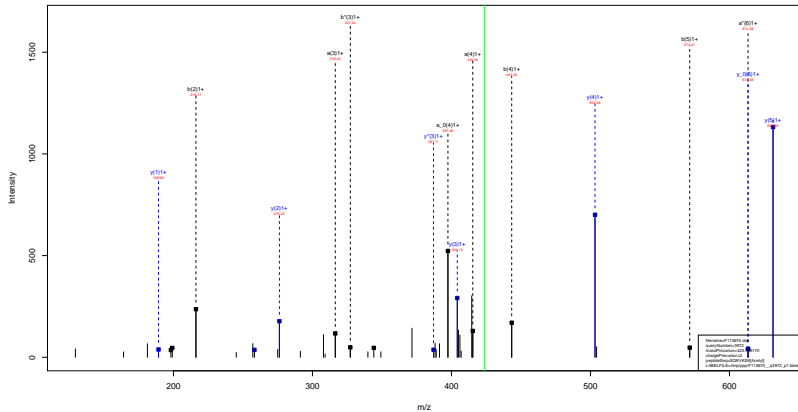
LITK^{Acetyl} AVAASKE
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=28.06
- ▶ F113670.dat
- ▶ query=q16503_p1
- ▶ precursor=586.849160
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	1172.689	1156.670	0.000	1155.662	L[11]
I[2]	244.202	1059.604	1043.586	0.000	1042.578	I[10]
T[3]	345.250	946.520	930.502	0.000	929.494	T[9]
K[4]	513.209	845.473	829.454	830.462	828.446	K[8]
A[5]	536.392	675.367	659.348	660.356	658.341	A[7]
V[6]	655.461	606.330	595.311	589.319	587.305	V[6]
A[7]	756.498	505.262	489.243	490.251	488.235	A[5]
A[8]	827.535	434.225	418.206	419.214	417.195	A[4]
S[9]	914.567	363.187	347.169	348.177	346.161	S[3]
K[10]	1042.662	276.153	260.137	261.144	259.129	K[2]
E[11]	1171.795	148.080	132.062	133.070	131.054	E[1]

sp | Q8R1M2 | H2AJ_MOUSE

SQKVKSK Acetyl
42.01



sp | Q8R1M2 | H2AJ_MOUSE

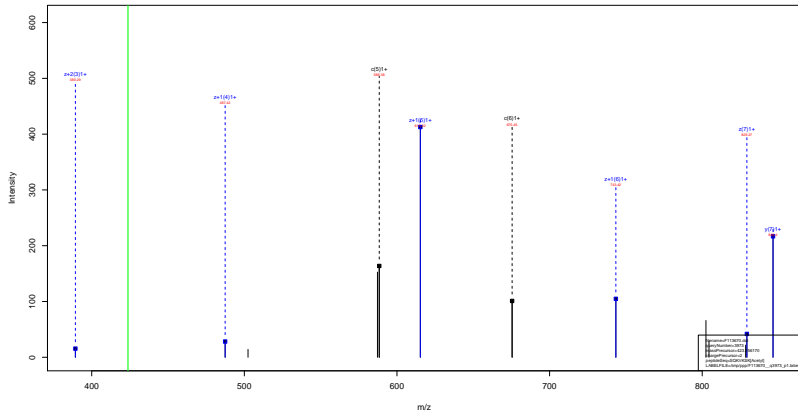
SQKVKSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.75
- ▶ F113670.dat
- ▶ query=q3972.p1
- ▶ precursor=423.756170
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
S(1)	60.944	0.000	42.039	89.070	0.000	10.029	486.509	629.476	628.494	S(1)
Q(2)	158.103	171.076	170.082	216.090	199.071	198.067	750.472	742.440	741.462	Q(2)
R(3)	316.190	309.171	289.189	344.193	327.166	328.170	631.414	644.389	613.403	R(3)
V(4)	415.266	399.260	397.256	443.263	426.258	425.252	503.319	486.292	485.288	V(4)
K(5)	543.361	536.339	526.351	571.356	554.330	553.346	404.290	387.224	386.240	K(5)
S(6)	630.393	613.367	612.383	658.389	641.362	640.378	276.155	259.120	258.145	S(2)
R(7)	809.409	783.412	782.400	828.404	811.401	810.403	189.123	172.080	0.000	R(1)

sp | Q8R1M2 | H2AJ_MOUSE

SQKVKSK Acetyl
42.01



sp | Q8R1M2 | H2AJ_MOUSE

SQKVKSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=24.34
- ▶ F113670.dat
- ▶ query=q3973.p1
- ▶ precursor=423.756170
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	846.504	630.486	0.000	829.478	S[7]
Q[2]	233.124	759.572	743.454	744.851	742.445	Q[6]
K[3]	351.219	631.414	615.395	616.403	614.387	K[5]
V[4]	450.288	503.319	487.300	488.308	486.292	V[4]
K[5]	588.383	404.250	388.232	389.239	387.224	K[3]
S[6]	675.415	276.155	260.137	261.144	259.129	S[2]
K[7]	845.520	189.123	173.105	174.112	172.097	K[1]

sp | Q8CGP1 | H2B1K_MOUSE

LAKHAVSEGTK ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 YTSAK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=25.51
- ▶ F113670.dat
- ▶ query=q41619_p1
- ▶ precursor=544.301350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.119	2174.182	2158.163	0.000	2157.155	L[20]
A[2]	202.155	2061.097	2045.079	0.000	2044.071	A[19]
K[3]	330.250	1990.060	1974.042	1975.049	1973.034	K[18]
H[4]	467.309	1861.965	1845.947	1846.955	1844.939	H[17]
A[5]	538.346	1724.907	1708.889	1709.896	1707.880	A[16]
V[6]	637.414	1652.860	1637.851	1638.858	1636.843	V[15]
S[7]	724.446	1554.803	1538.782	1539.790	1537.774	S[14]
E[8]	853.489	1467.750	1451.750	1452.758	1450.742	E[13]
G[9]	910.510	1338.728	1322.708	1323.715	1321.700	G[12]
Y[10]	1011.558	1281.705	1265.689	1266.694	1264.678	Y[11]
K[11]	1181.664	1180.657	1164.638	1165.646	1163.631	K[10]
A[12]	1252.701	1010.552	994.533	995.541	993.525	A[9]
V[13]	1351.709	939.515	923.496	924.504	922.488	V[8]
T[14]	1452.817	840.446	824.427	825.435	823.420	T[7]
K[15]	1622.922	739.398	723.380	724.388	722.372	K[6]
Y[16]	1785.986	569.293	553.274	554.282	552.266	Y[5]
T[17]	1867.033	406.230	390.211	391.219	389.203	T[4]
S[18]	1974.085	305.182	289.163	290.171	288.155	S[3]
A[19]	2045.103	218.150	202.131	203.139	201.123	A[2]
K[20]	2173.198	147.111	131.094	132.102	130.086	K[1]

sp | Q8CGP1 | H2B1K_MOUSE

LAKHAVSEGTK ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 YTSAK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=25.51
- ▶ F113670.dat
- ▶ query=q41619_p1
- ▶ precursor=544.301350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1087.594	1079.585	0.504	1079.081	L[20]
A[2]	101.581	1031.052	1023.043	0.504	1022.539	A[19]
K[3]	165.609	995.534	987.524	988.028	987.021	K[18]
H[4]	234.158	931.480	923.477	923.981	922.973	H[17]
A[5]	269.677	882.957	854.948	855.451	854.444	A[16]
V[6]	319.211	827.438	819.429	819.933	818.925	V[15]
S[7]	362.727	777.904	769.895	770.399	769.391	S[14]
E[8]	427.248	734.389	726.379	726.883	725.875	E[13]
G[9]	455.759	669.867	661.857	662.361	661.354	G[12]
T[10]	506.283	641.350	613.347	613.851	612.843	T[11]
K[11]	591.335	590.832	582.823	583.327	582.319	K[10]
A[12]	626.854	505.770	497.760	498.264	497.256	A[9]
V[13]	676.388	470.261	462.252	462.756	461.748	V[9]
T[14]	726.912	426.727	412.717	413.221	412.213	T[7]
R[15]	811.965	370.203	362.194	362.697	361.690	R[6]
V[16]	893.497	285.150	277.141	277.645	276.637	V[5]
T[17]	944.020	203.618	195.609	196.113	195.105	T[4]
S[18]	987.536	153.095	145.085	145.589	144.581	S[3]
A[19]	1023.055	109.579	101.569	102.073	101.065	A[2]
R[20]	1087.102	74.060	66.051	66.555	65.547	R[1]

sp | Q8CGP1 | H2B1K_MOUSE

LAKHAVSEGTK ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 YTSAK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=25.51
- ▶ F113670.dat
- ▶ query=q41619_p1
- ▶ precursor=544.301350
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	725.399	720.059	0.672	719.723	L[20]
A[2]	68.057	687.704	682.364	0.672	682.029	A[19]
K[3]	110.730	694.025	696.085	699.021	696.349	K[18]
H[4]	158.441	621.327	615.987	616.323	615.251	H[17]
A[5]	180.120	575.640	570.301	570.637	569.985	A[16]
V[6]	213.143	551.961	546.622	546.958	546.286	V[15]
S[7]	242.154	518.939	513.599	513.935	513.263	S[14]
E[8]	285.168	489.928	484.588	484.924	484.252	E[13]
G[9]	304.175	446.914	441.574	441.910	441.238	G[12]
T[10]	337.858	427.906	422.567	422.903	422.231	T[11]
K[11]	394.559	394.224	388.884	389.220	388.548	K[10]
A[12]	418.238	337.522	332.183	332.518	331.847	A[9]
V[13]	451.261	313.843	308.503	308.839	308.168	V[8]
T[14]	484.944	289.525	275.483	275.817	275.145	T[7]
K[15]	541.646	247.139	241.798	242.134	241.462	K[6]
V[16]	596.000	190.436	185.096	185.432	184.760	V[5]
T[17]	629.683	136.081	130.742	131.078	130.406	T[4]
S[18]	658.693	102.399	97.059	97.395	96.723	S[3]
A[19]	682.372	73.388	68.049	68.385	67.713	A[2]
K[20]	725.071	49.709	44.370	44.705	44.034	K[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.38
- ▶ F113670.dat
- ▶ query=q46975.p1
- ▶ precursor=527.308570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P	115.087	2032.518	2018.495	0.000	2018.485	P[25]
E	244.129	2535.462	2519.443	0.000	2519.431	E[24]
P	341.182	2906.415	2390.400	0.000	2389.393	P[23]
A	412.219	2309.366	2293.348	0.000	2292.340	A[22]
K	540.314	2238.329	2222.311	2223.318	2221.303	K[21]
S	627.346	2110.234	2094.216	2095.223	2093.208	S[20]
A	698.383	2023.202	2007.184	2008.191	2006.176	A[19]
P	795.436	1952.166	1936.148	1937.154	1935.139	P[18]
A	866.473	1855.112	1839.094	1840.101	1838.086	A[17]
P	903.526	1784.075	1768.057	1769.064	1767.049	P[16]
K	1091.621	1687.022	1671.004	1672.012	1669.996	K[15]
K	1261.726	1558.928	1542.909	1543.917	1541.901	K[14]
G	1318.748	1388.822	1372.803	1373.811	1371.795	G[13]
S	1409.780	1331.801	1315.782	1316.790	1314.774	S[12]
K	1533.875	1244.768	1228.750	1229.758	1227.742	K[11]
K	1601.970	1118.674	1100.655	1101.663	1099.647	K[10]
A	1733.007	988.579	972.560	973.568	971.552	A[9]
V	1832.075	917.541	901.523	902.531	900.515	V[8]
T	1933.123	818.473	802.454	803.462	801.446	T[7]
I	2093.218	717.425	701.407	702.414	700.399	I[6]
A	2132.255	595.330	573.312	574.320	572.304	A[5]
Q	2260.314	518.293	502.275	503.282	501.267	Q[4]
K	2388.409	400.235	374.216	375.224	373.208	K[3]
K	2516.504	282.140	246.121	247.129	245.113	K[2]
D	2631.530	134.045	118.028	119.034	117.018	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.38
- ▶ F113670.dat
- ▶ query=q46975.p1
- ▶ precursor=527.308570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P 1	58.047	1316.761	1388.752	0.504	1308.248	P 25
E 2	132.588	1388.234	1288.235	0.504	1299.721	E 24
P 3	171.095	1201.713	1195.704	0.504	1195.200	P 23
A 4	206.613	1155.187	1147.177	0.504	1146.674	A 22
K 5	270.661	1119.668	1111.659	1112.163	1111.155	K 21
S 6	314.177	1055.621	1047.611	1048.115	1047.107	S 20
A 7	349.695	1012.105	1004.095	1004.599	1003.591	A 19
F 8	389.222	976.588	968.574	969.041	968.041	F 18
A 9	433.740	928.060	920.050	920.554	919.547	A 17
P 10	482.267	892.541	884.532	885.036	884.038	P 16
K 11	546.314	844.015	836.006	836.509	835.500	K 15
K 12	631.367	779.967	771.958	772.462	771.454	K 14
Q 13	677.727	694.915	686.905	687.409	686.401	Q 13
S 14	703.194	656.404	648.395	658.898	657.891	S 12
K 15	767.441	622.888	614.879	615.382	614.375	K 11
K 16	831.488	558.840	550.831	551.335	550.327	K 10
A 17	867.007	604.797	486.784	487.287	486.280	A 9
V 18	910.541	459.274	451.265	451.769	450.761	V 8
T 19	967.065	389.743	401.733	402.235	401.227	T 7
K 20	1031.113	359.218	351.207	351.711	350.703	K 6
A 21	1066.631	295.169	287.159	287.663	286.656	A 5
Q 22	1130.660	259.650	251.641	252.145	251.137	Q 4
K 23	1194.708	195.621	187.612	188.116	187.108	K 3
K 24	1258.755	131.574	123.564	124.068	123.060	K 2
D 25	1338.289	87.528	89.517	88.021	89.013	D 1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.38
- ▶ F113670.dat
- ▶ query=q46975.p1
- ▶ precursor=527.308570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	38.034	878.176	872.837	0.672	872.501	P[25]
E[2]	82.048	845.825	840.486	0.672	840.150	E[24]
P[3]	114.399	802.811	797.472	0.672	797.136	P[23]
A[4]	138.078	770.460	765.121	0.672	764.785	A[22]
K[5]	180.776	746.781	741.442	741.778	741.106	K[21]
S[6]	209.187	704.083	698.743	699.019	698.407	S[20]
A[7]	211.668	675.072	669.733	670.069	669.397	A[19]
P[8]	265.817	651.393	645.054	646.390	645.718	P[18]
A[9]	289.496	619.042	613.703	614.039	613.367	A[17]
P[10]	321.847	595.363	590.024	590.360	589.688	P[16]
K[11]	364.545	563.012	557.673	558.009	557.337	K[15]
K[12]	421.247	520.314	514.974	515.310	514.639	K[14]
G[13]	440.254	463.612	458.273	458.609	457.937	G[13]
S[14]	469.265	444.605	439.263	439.601	438.930	S[12]
K[15]	513.963	415.394	410.253	410.591	409.919	K[11]
K[16]	554.051	372.896	367.555	367.892	367.221	K[10]
A[17]	578.540	330.198	324.858	325.194	324.522	A[9]
V[18]	611.363	306.519	301.179	301.515	300.843	V[8]
T[19]	645.046	273.496	268.156	268.492	267.820	T[7]
K[20]	687.744	239.813	234.474	234.810	234.138	K[6]
A[21]	711.423	197.115	191.775	192.111	191.439	A[5]
Q[22]	754.109	173.436	168.096	168.432	167.760	Q[4]
K[23]	796.808	130.750	125.410	125.746	125.074	K[3]
K[24]	839.506	88.051	82.712	83.048	82.376	K[2]
D[25]	877.946	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

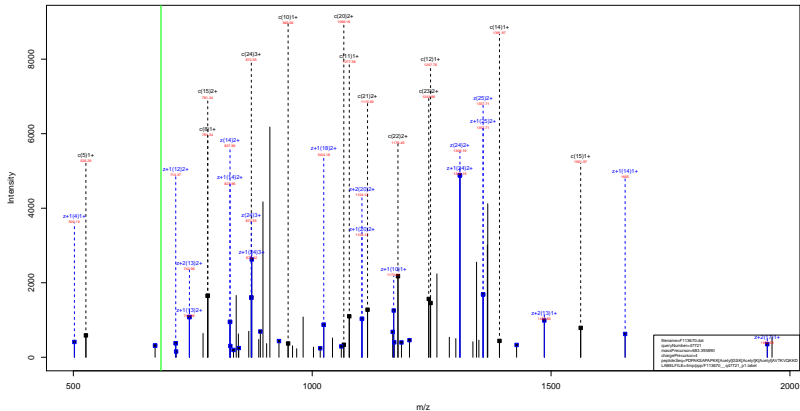
PEPAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVTKAQKKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=67.38
- ▶ F113670.dat
- ▶ query=q46975.p1
- ▶ precursor=527.308570
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	29.527	658.884	654.879	0.755	654.627	P 25
E	2	61.788	634.621	630.616	0.755	630.364	E 24
P	3	86.051	602.360	598.356	0.755	598.104	P 23
A	4	103.810	578.097	574.092	0.755	573.840	A 22
K	5	135.834	460.338	396.333	396.585	396.081	K 21
S	6	157.592	328.314	324.309	324.561	324.287	S 20
A	7	175.351	308.556	502.551	502.803	502.299	A 19
P	8	199.614	488.797	484.792	485.044	484.540	P 18
A	9	217.374	464.534	460.529	460.781	460.277	A 17
P	10	241.637	446.774	442.770	443.022	442.518	P 16
K	11	273.661	422.511	418.506	418.758	418.254	K 15
K	12	316.187	390.487	386.483	386.735	386.231	K 14
G	13	330.442	347.961	343.956	344.208	343.704	G 13
S	14	352.200	333.706	329.701	329.953	329.449	S 12
K	15	384.224	311.948	307.943	308.195	307.691	K 11
K	16	416.248	279.923	275.919	276.171	275.667	K 10
A	17	434.007	247.900	243.895	244.147	243.643	A 9
V	18	458.774	230.141	226.136	226.388	225.884	V 8
T	19	484.036	205.974	201.969	201.621	201.117	T 7
K	20	516.060	180.112	176.107	176.359	175.855	K 6
A	21	533.819	148.088	144.083	144.335	143.831	A 5
Q	22	565.834	130.329	126.324	126.576	126.072	Q 4
K	23	597.858	98.314	94.309	94.561	94.057	K 3
K	24	629.881	66.290	62.286	62.538	62.034	K 2
D	25	658.638	34.267	30.262	30.514	30.010	D 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK Acetyl GSK Acetyl K Acetyl AVTKVQKKD
 42.01 42.01 42.01



Sequence: P112620_006
 Gene: H2B2B_MOUSE
 UniProt: P112620_006
 RefSeq: NM_010550.4
 UniProt: P112620_006
 UniProt: P112620_006

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTKVQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.66
- ▶ F113670.dat
- ▶ query=q47721_p1
- ▶ precursor=683.393890
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
P	1	115.087	2730.551	2714.533	0.000	2711.525	P[25]
D	3	230.114	2833.498	2817.480	0.000	2810.472	D[24]
P	3	327.168	2519.472	2502.453	0.000	2501.445	P[23]
A	4	398.203	2421.410	2405.400	0.000	2404.392	A[22]
K	5	526.298	2350.382	2334.363	2335.371	2333.355	K[21]
S	6	613.330	2222.397	2206.288	2207.276	2205.360	S[20]
A	7	684.369	2135.295	2119.236	2120.244	2118.228	A[19]
P	8	781.420	2084.219	2068.199	2069.207	2067.191	P[18]
A	9	852.457	1997.162	1981.146	1952.154	1950.138	A[17]
P	10	949.510	1896.128	1880.109	1881.117	1879.101	P[16]
K	11	1077.605	1799.075	1783.056	1784.064	1782.048	K[15]
K	12	1247.711	1670.980	1654.961	1655.969	1653.953	K[14]
G	13	1307.732	1590.873	1584.857	1485.864	1483.848	G[13]
S	14	1391.764	1443.851	1427.834	1428.842	1426.826	S[12]
K	15	1561.870	1358.821	1340.802	1341.810	1339.794	K[11]
K	16	1731.975	1186.715	1170.697	1171.705	1169.689	K[10]
A	17	1803.012	1016.610	1000.591	1001.599	999.583	A[9]
V	18	1902.081	945.573	929.554	930.562	928.546	V[8]
T	19	2003.128	846.504	830.488	831.493	829.477	T[7]
K	20	2111.223	782.457	729.438	730.446	728.430	K[6]
V	21	2230.292	617.362	601.343	602.351	600.335	V[5]
Q	22	2358.360	518.291	502.275	503.282	501.267	Q[4]
K	23	2489.445	390.235	374.216	375.224	373.208	K[3]
K	24	2614.540	302.140	246.121	247.129	245.113	K[2]
D	25	2729.587	134.045	118.026	119.034	117.018	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTKVQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.66
- ▶ F113670.dat
- ▶ query=q47721_p1
- ▶ precursor=683.393890
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	a+1	a+2	z	AA	
P	1	58.647	1365.779	1397.770	0.504	1357.266	P[25]
D	3	115.560	1317.263	1309.244	0.504	1308.740	D[24]
P	3	164.087	1259.739	1251.730	0.504	1251.226	P[23]
A	4	199.605	1311.213	1203.204	0.504	1202.700	A[22]
K	5	263.653	1175.694	1167.685	1168.189	1167.181	K[21]
S	6	307.169	1111.647	1103.638	1104.142	1103.134	S[20]
A	7	362.697	1058.131	1050.122	1060.626	1059.618	A[19]
P	8	391.214	932.612	1024.603	1025.107	1024.099	P[18]
A	9	426.732	984.086	976.077	976.581	975.572	A[17]
P	10	475.259	948.567	940.558	941.062	940.054	P[16]
K	11	539.306	900.041	892.032	892.536	891.528	K[15]
K	12	624.359	835.994	827.984	828.488	827.480	K[14]
G	13	652.870	750.941	742.931	743.435	742.927	G[13]
S	14	696.388	722.430	714.421	714.925	713.917	S[12]
K	15	781.438	678.914	670.905	671.409	670.401	K[11]
K	16	866.491	593.861	585.852	586.356	585.348	K[10]
A	17	902.010	508.809	500.799	501.303	500.295	A[9]
V	18	951.544	473.290	465.281	465.785	464.777	V[8]
T	19	1022.088	423.750	415.740	416.250	415.241	T[7]
K	20	1066.115	373.232	365.221	365.727	364.719	K[6]
V	21	1115.650	309.184	301.175	301.679	300.671	V[5]
Q	22	1179.679	259.650	251.641	252.145	251.137	Q[4]
K	23	1243.726	195.621	187.612	188.116	187.108	K[3]
K	24	1307.774	131.574	123.564	124.068	123.060	K[2]
D	25	1385.287	87.528	79.517	80.021	79.013	D[1]

sp | Q64525 | H2B2B_MOUSE

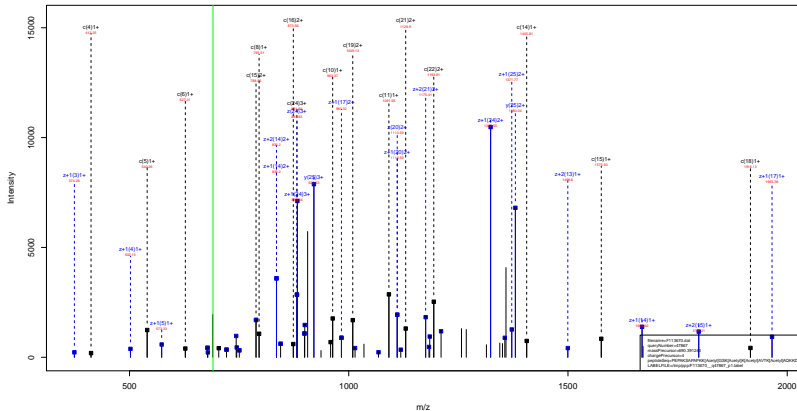
PDKAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTKVQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.66
- ▶ F113670.dat
- ▶ query=q47721_p1
- ▶ precursor=683.393890
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	910.855	905.510	0.672	905.180	P[25]
D[2]	77.376	878.504	873.165	0.672	872.829	D[24]
P[3]	109.727	840.162	834.822	0.672	834.487	P[23]
A[4]	133.406	807.811	802.472	0.672	802.136	A[22]
K[5]	176.104	784.132	778.792	779.128	778.457	K[21]
S[6]	209.118	741.434	735.094	736.430	735.794	S[20]
A[7]	228.794	712.423	707.063	707.419	706.748	A[19]
P[8]	261.145	688.744	683.404	683.740	683.069	P[18]
A[9]	284.824	656.393	651.054	651.389	650.718	A[17]
P[10]	317.175	632.714	627.375	627.710	627.039	P[16]
K[11]	359.873	600.363	595.024	595.360	594.688	K[15]
K[12]	416.575	557.665	552.325	552.661	551.989	K[14]
G[13]	435.582	500.963	495.623	495.959	495.287	G[13]
S[14]	464.593	481.956	476.616	476.952	476.280	S[12]
K[15]	521.295	432.945	447.606	447.942	447.270	K[11]
K[16]	577.997	396.243	390.904	391.240	390.568	K[10]
A[17]	601.076	339.541	334.202	334.538	333.866	A[9]
V[18]	634.698	315.862	310.523	310.859	310.187	V[8]
T[19]	668.381	282.840	277.500	277.836	277.164	T[7]
K[20]	711.079	249.157	243.817	244.153	243.482	K[6]
V[21]	744.102	206.459	201.119	201.455	200.783	V[5]
Q[22]	786.788	173.436	168.096	168.432	167.760	Q[4]
K[23]	829.487	130.750	125.410	125.746	125.074	K[3]
K[24]	872.185	88.051	82.712	83.048	82.376	K[2]
D[25]	910.527	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 AQKKD



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=79.14
- ▶ F113670.dat
- ▶ query=q47867_p1
- ▶ precursor=690.391240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P	115.087	2758.549	2742.527	0.000	2741.520	P[25]
E	244.129	2981.493	2945.475	0.000	2944.467	E[24]
P	341.182	2532.451	2516.432	0.000	2515.424	P[23]
A	412.219	2435.398	2419.379	0.000	2418.371	A[22]
K	540.314	2304.361	2346.342	2349.350	2347.334	K[21]
S	627.346	2236.266	2220.247	2221.255	2219.239	S[20]
A	696.383	2149.234	2133.215	2134.223	2132.207	A[19]
P	795.436	2078.191	2062.172	2063.180	2061.174	P[18]
A	866.473	1981.144	1965.125	1966.133	1964.118	A[17]
P	963.526	1910.107	1894.088	1895.096	1893.080	P[16]
K	1091.621	1813.054	1797.035	1798.043	1796.028	K[15]
K	1261.726	1684.959	1668.940	1669.948	1667.933	K[14]
G	1318.748	1514.854	1498.835	1499.843	1497.827	G[13]
S	1405.780	1457.812	1441.793	1442.801	1440.785	S[12]
K	1575.885	1370.800	1354.781	1355.789	1353.774	K[11]
K	1745.991	1200.695	1184.676	1185.684	1183.668	K[10]
A	1817.026	1030.589	1014.570	1015.578	1013.563	A[9]
V	1916.096	950.552	943.533	944.541	942.525	V[8]
T	2017.144	860.484	844.465	845.473	843.457	T[7]
R	2187.250	759.436	743.417	744.425	742.409	R[6]
A	2258.287	689.330	673.312	674.320	672.304	A[5]
Q	2296.345	618.293	602.275	603.283	601.267	Q[4]
K	2514.440	460.235	374.216	375.224	373.208	K[3]
K	2842.535	282.140	246.121	247.129	245.113	K[2]
D	2757.562	134.045	118.028	119.034	117.018	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=79.14
- ▶ F113670.dat
- ▶ query=q47867.p1
- ▶ precursor=690.391240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1379.777	1371.767	0.504	1371.261	P[25]
E	2	127.588	1331.295	1323.281	0.504	1322.775	E[24]
P	3	171.095	1306.725	1295.703	0.504	1295.210	P[23]
A	4	206.613	1218.201	1210.193	0.504	1209.689	A[22]
K	5	270.601	1182.684	1174.675	1175.179	1174.171	K[21]
S	6	314.177	1118.637	1110.627	1111.131	1110.123	S[20]
A	7	349.695	1075.121	1067.113	1067.615	1066.607	A[19]
P	8	388.222	1039.602	1031.593	1032.097	1031.089	P[18]
A	9	433.740	991.075	983.066	983.570	982.562	A[17]
P	10	482.267	955.557	947.548	948.052	947.044	P[16]
K	11	546.314	907.031	899.021	899.525	898.517	K[15]
K	12	631.367	842.983	834.974	835.478	834.470	K[14]
C	13	659.878	757.935	749.921	750.425	749.417	C[13]
S	14	703.394	729.820	721.810	721.314	720.306	S[12]
K	15	788.446	685.904	677.894	678.398	677.390	K[11]
K	16	873.499	600.851	592.842	593.346	592.338	K[10]
A	17	909.018	515.798	507.789	508.293	507.285	A[9]
V	18	958.552	480.280	472.270	472.774	471.766	V[8]
T	19	1009.676	438.745	429.738	429.240	428.232	T[7]
K	20	1064.128	380.222	372.212	372.716	371.708	K[6]
A	21	1129.647	295.169	287.159	287.663	286.655	A[5]
Q	22	1193.676	259.656	251.641	252.145	251.137	Q[4]
K	23	1257.724	195.621	187.612	188.116	187.108	K[3]
K	24	1321.771	131.574	123.564	124.068	123.060	K[2]
D	25	1379.285	67.526	59.517	60.021	59.013	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=79.14
- ▶ F113670.dat
- ▶ query=q47867_p1
- ▶ precursor=690.391240
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[3]	39.034	920.187	914.847	0.672	914.511	P[25]
E[2]	82.048	887.836	882.496	0.672	882.160	E[24]
P[3]	114.399	844.822	839.482	0.672	839.145	P[23]
A[4]	138.078	812.473	807.131	0.672	806.795	A[22]
K[5]	180.776	788.792	783.452	783.768	783.216	K[21]
S[6]	209.787	746.094	740.754	741.090	740.418	S[20]
A[7]	233.466	717.083	711.743	712.079	711.407	A[19]
P[8]	265.817	681.404	688.054	688.400	687.728	P[18]
A[9]	289.496	661.053	655.713	656.049	655.377	A[17]
P[10]	321.847	637.374	632.034	632.370	631.698	P[16]
K[11]	364.545	605.023	599.683	600.019	599.347	K[15]
K[12]	421.247	562.325	556.985	557.321	556.649	K[14]
G[13]	440.254	505.023	500.283	500.619	499.947	G[13]
S[14]	469.265	486.616	481.276	481.612	480.940	S[12]
K[15]	525.967	457.605	452.265	452.601	451.929	K[11]
K[16]	582.068	400.903	395.563	395.899	395.228	K[10]
A[17]	606.348	344.201	338.862	339.198	338.526	A[9]
V[18]	639.370	320.522	315.183	315.519	314.847	V[8]
T[19]	673.083	287.499	282.159	282.496	281.824	T[7]
K[20]	729.755	253.817	248.477	248.813	248.141	K[6]
A[21]	753.434	197.115	191.775	192.111	191.439	A[5]
Q[22]	796.120	173.436	168.096	168.432	167.760	Q[4]
K[23]	838.818	130.750	125.410	125.746	125.074	K[3]
K[24]	881.517	88.051	82.712	83.048	82.376	K[2]
D[25]	919.859	45.353	40.014	40.349	39.678	D[1]

sp | Q8CGP5 | H2A1F_MOUSE

LNKLLGRVTIAQGGVLPNIQAVLLPKK^{Acetyl} TE
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=26.56
- ▶ F113670.dat
- ▶ query=q50020_p1
- ▶ precursor=782.226050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a ^h	a ^o	b	b ^h	b ^o	y	y ^h	y ^o	AA		
L1	88	0.00	0.00	114.091	0.00	0.00	31.25.877	31.09.851	30.97.807	L129		
K1	338	1.34	1.11	0.00	2.08.134	0.11.300	0.00	30.91.761	29.89.705	K30		
R1	338	1.34	1.11	2.08	0.00	3.02.245	3.04.203	0.00	30.90.150	30.88.142	K27	
L4	141	1.08	0.74	2.02	0.00	1.82.287	0.00	27.70.203	27.61.520	L126		
L5	174	0.42	0.17	0.11	0.00	1.82.397	0.00.011	0.00	26.01.111	25.99.549	L125	
G6	111	4.74	3.94	3.89	0.00	1.02.911	0.22.362	0.00	25.44.481	25.27.461	G24	
R7	187	0.23	0.00	0.69	0.00	1.95.520	0.77.403	0.00	24.87.490	24.74.430	R23	
V8	188	0.41	0.08	0.58	0.00	1.84.508	0.77.562	0.00	24.81.988	24.64.928	V22	
L9	187	0.41	0.08	0.11	0.00	1.96.520	0.12.509	0.00	22.32.203	22.19.210	L21	
L10	188	1.09	1.063	0.99	1.06	1.118	1.026	1.060	21.31.369	21.14.323	L20	
A11	115	1.52	1.124	1.25	1.122	1.75	1.176	1.75	1.02	1.11	20.00.154	A16
G12	178	0.43	0.20	0.49	0.26	0.41	0.120	0.116	1.00	1.00	19.00.465	G17
G13	136	0.42	0.19	0.19	1.11	0.11	1.04	0.11	1.04	1.07	18.00.500	G17
G14	133	0.58	1.06	0.37	1.05	0.53	1.421	0.53	1.403	0.60	17.02.047	G16
V15	130	0.18	1.45	0.46	1.44	0.46	1.03	0.39	1.00	0.41	16.00.000	V16
L16	206	1.04	1.08	0.90	1.08	0.90	1.03	0.91	1.01	1.01	15.00.357	L14
L17	193	0.90	1.00	0.92	1.00	0.92	0.71	0.64	0.71	0.64	14.00.181	L13
K18	117	1.11	0.80	0.80	1.00	0.11	0.10	0.10	0.07	0.07	13.00.181	K13
L19	230	1.00	1.013	1.00	1.013	1.00	1.013	1.00	1.013	1.00	12.00.171	L11
G20	202	0.23	0.41	0.20	0.40	0.40	0.09	0.23	0.09	0.23	11.00.094	G15
A21	128	0.47	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	10.00.000	A15
V22	227	0.20	0.11	0.14	0.05	0.10	0.05	0.10	0.05	0.10	9.00.508	V18
L23	141	0.41	0.04	0.41	0.04	0.41	0.04	0.41	0.04	0.41	8.00.529	L17
L24	1454	1.06	1.037	1.032	1.036	1.032	1.065	1.067	1.064	1.013	7.00.445	L16
R25	231	0.16	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	6.00.445	R15
K26	179	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	5.00.267	K14
K27	144	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	4.00.187	K13
L28	130	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	3.00.114	L15
E29	179	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	2.00.100	E11

sp | Q8CGP5 | H2A1F_MOUSE

LNKLLGRVTIAQGGVLPNIQAVLLPKK^{Acetyl} TE
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=26.56
- ▶ F113670.dat
- ▶ query=q50020_p1
- ▶ precursor=782.226050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a+D	b	b*	b+D	y	y*	y+D	AA	
L1	43	302	0.504	0.504	57.545	0.504	0.501	1561.442	1554.929	1554.437	L29
R1	108	975	0.504	0.504	114.877	0.504	0.501	1558.900	1458.357	1467.865	R20
R1	104	921	1.508	1.508	0.504	378.613	11.711	0.501	1449.070	1441.560	K127
L4	221	163	0.12	0.504	233.161	17.26	0.447	1393.031	1237.112	1316.226	L26
L5	227	169	0.504	0.504	241.705	20.018	0.501	1326.289	1324.778	1323.269	L29
G1	308	235	0.504	0.504	320.213	23.111	0.501	1292.741	1284.234	1283.742	G24
R7	364	306	0.504	0.504	389.764	38.874	0.501	1244.231	1235.723	1235.231	R23
V1	413	344	0.504	0.504	442.791	44.284	0.501	1189.710	1183.202	1182.710	V22
L9	464	324	0.504	0.504	493.272	49.322	0.501	1133.052	1124.544	1124.052	L21
I10	540	386	0.504	0.504	574.804	57.480	0.501	1066.110	1057.615	1057.123	I21
A11	576	380	0.504	0.504	605.327	60.527	0.501	1009.589	1001.073	1000.581	A16
Q12	766	614	0.504	0.504	797.112	79.711	0.501	924.462	915.954	915.462	Q19
G13	668	525	0.504	0.504	699.423	69.942	0.501	874.469	865.961	865.469	G17
G14	667	436	0.504	0.504	698.430	69.843	0.501	762.920	754.412	753.920	G16
V13	764	609	0.504	0.504	795.264	79.526	0.501	772.454	763.946	763.454	V15
L10	801	532	0.504	0.504	832.505	83.250	0.501	708.996	700.488	700.000	L14
P12	862	588	0.504	0.504	893.011	89.301	0.501	651.963	643.455	642.963	P13
R11	824	608	0.504	0.504	855.011	85.501	0.501	574.244	565.736	565.244	R12
I16	965	627	0.504	0.504	996.505	99.650	0.501	509.594	501.086	500.594	I11
Q20	1029	631	0.504	0.504	1060.011	106.001	0.501	444.621	436.113	435.621	Q19
A21	1071	498	0.504	0.504	1102.514	110.251	0.501	379.624	371.116	370.624	A16
V22	1114	664	0.504	0.504	1145.011	114.501	0.501	314.610	306.102	305.610	V16
L23	1171	526	0.504	0.504	1202.223	120.223	0.501	249.710	241.202	240.710	L17
L24	1227	768	1.208	2.214	1241.765	124.176	1.207	179.220	170.712	170.220	L16
R25	1276	804	0.504	0.504	1304.269	130.427	0.501	121.269	112.761	112.269	R16
R26	1340	542	0.504	0.504	1371.765	137.176	0.501	64.269	55.761	55.269	R16
K27	1428	584	1.008	1.008	1439.269	143.927	1.007	14.269	5.761	5.269	K16
L28	1491	688	0.504	0.504	1524.765	152.476	0.501	14.765	5.269	5.269	L16
E29	1540	440	0.504	0.504	1571.269	157.127	0.501	4.269	4.269	4.269	E11

sp | Q8CGP5 | H2A1F_MOUSE

LNKLLGRVTIAQGGVLPNIQAVLLPKK^{Acetyl} TE_{42.01}

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=26.56
- ▶ F113670.dat
- ▶ query=q50020.p1
- ▶ precursor=782.226050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	aΔ1	b	b*	bΔ1	y	y*	yΔ1	AA
L1	26.910	0.672	0.672	18.702	0.672	0.672	1042.631	1036.959	1036.957	L126
R12	97.983	0.708	0.672	79.124	14.944	0.672	1050.813	999.260	999.912	R120
R13	110.061	104.469	0.672	118.413	11.578	0.672	986.327	981.246	981.912	R122
L14	147.719	142.120	0.672	137.109	15.134	0.672	934.251	919.546	919.210	L126
L15	186.422	179.360	0.672	156.804	19.918	0.672	688.559	688.969	688.975	L126
Q16	204.679	198.904	0.672	213.811	208.136	0.672	940.214	943.159	842.830	Q124
R17	216.511	202.838	0.672	209.349	280.169	0.672	829.327	826.151	821.812	R123
V18	230.589	217.913	0.672	240.489	254.164	0.672	777.781	777.210	779.740	V122
L19	253.219	217.943	351.210	333.980	328.979	326.541	744.717	738.095	738.767	L121
L19	366.911	351.210	384.910	319.241	384.890	384.191	741.689	738.411	735.084	L121
A111	384.562	378.917	383.980	383.924	380.240	387.828	673.282	672.811	667.389	A119
Q123	422.708	421.960	421.970	438.824	430.908	430.900	669.214	644.938		Q118
Q123	446.589	446.600	446.210	449.811	444.942	449.814	666.211	665.315	501.024	Q117
Q14	465.793	479.217	489.209	474.824	480.949	480.811	588.021	582.345	782.717	G116
L121	486.589	493.943	483.121	509.841	493.972	493.964	535.281	530.513	529.669	L121
L126	530.000	526.176	530.000	545.343	530.000	539.136	535.281	530.513	529.669	L124
R127	548.381	567.840	568.240	577.889	572.811	577.889	488.290	482.020	482.210	R113
R148	588.710	600.740	606.372	615.200	610.012	609.104	485.981	480.710	480.042	R114
R18	644.070	638.100	638.000	653.402	647.126	647.126	432.011	422.260	421.707	R111
Q120	688.709	681.000	680.711	696.088	680.413	680.689	386.211	388.561	384.711	Q119
A121	718.435	724.750	724.432	719.767	714.082	713.764	347.050	341.809	341.546	A116
V122	743.458	737.883	737.450	752.736	747.114	746.738	319.811	318.109	315.969	V118
L128	781.584	775.417	775.110	790.485	784.800	784.410	260.511	265.172	264.844	L112
L124	810.000	813.172	812.844	828.179	822.504	822.176	263.121	247.470	247.120	L116
P121	851.199	845.523	846.198	859.520	854.000	854.100	215.491	208.781	208.600	P111
R126	850.381	850.381	857.893	869.220	869.220	867.220	183.210	177.450	177.104	R124
R227	900.389	884.611	884.100	939.838	934.200	931.671	140.489	138.719	134.416	R118
L126	900.389	878.056	880.210	901.911	897.637	897.638	83.789	81.627	77.704	L112
R224	1027.285	1011.818	1011.260	1030.811	1026.024	1026.024	80.000	81.874	44.201	R111

sp | Q8CGP5 | H2A1F_MOUSE

LNKLLGRVTIAQGGVLPNIQAVLLPKK ^{Acetyl} 42.01 TE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.74
- ▶ F113670.dat
- ▶ query=q50021.p1
- ▶ precursor=782.226050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3125.877	3109.850	0.000	3108.881	L[28]
N[2]	245.161	3012.793	2996.774	2997.782	2995.763	N[28]
K[3]	373.256	2896.750	2883.732	2883.739	2881.724	K[27]
L[4]	486.340	2770.655	2754.637	2755.644	2753.629	L[26]
L[5]	597.424	2657.571	2641.553	2642.560	2640.545	L[25]
G[6]	656.445	2544.487	2528.469	2529.476	2527.461	G[24]
R[7]	812.546	2437.406	2421.447	2422.455	2420.439	R[23]
V[8]	911.615	2331.365	2315.346	2316.354	2314.338	V[22]
T[9]	1012.663	2232.296	2216.277	2217.285	2215.270	T[21]
I[10]	1125.747	2131.249	2115.230	2116.238	2114.222	I[20]
A[11]	1196.784	2038.184	2022.165	2023.174	2021.156	A[19]
Q[12]	1314.552	1947.127	1931.109	1932.116	1930.101	Q[18]
G[13]	1381.384	1859.069	1843.050	1844.058	1842.042	G[17]
G[14]	1438.885	1762.947	1746.929	1747.936	1745.921	G[16]
V[15]	1537.954	1705.826	1689.807	1690.815	1687.999	V[15]
L[16]	1651.038	1605.957	1589.939	1590.947	1588.931	L[14]
T[17]	1748.091	1492.872	1476.853	1477.862	1475.847	T[13]
N[18]	1882.133	1395.804	1379.802	1380.810	1378.795	N[12]
I[19]	1975.217	1281.728	1265.710	1266.717	1264.751	I[11]
Q[20]	2103.276	1168.664	1152.675	1153.683	1151.667	Q[10]
A[21]	2174.313	1040.635	1024.616	1025.624	1023.608	A[9]
V[22]	2273.382	969.598	953.579	954.587	952.571	V[8]
L[23]	2369.466	870.529	854.511	855.519	853.503	L[7]
L[24]	2499.550	757.445	741.427	742.435	740.419	L[6]
P[25]	2596.602	644.361	628.341	629.350	627.335	P[5]
K[26]	2724.697	547.309	531.290	532.298	530.282	K[4]
K[27]	2894.803	419.214	403.195	404.203	402.187	K[3]
T[28]	2995.851	249.108	233.089	234.097	232.082	T[2]
E[29]	3134.893	148.050	132.042	133.050	131.034	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

LNKLLGRVTIAQGGVLPNIQAVLLPKK ^{Acetyl}42.01 TE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=37.74
- ▶ F113670.dat
- ▶ query=q50021.p1
- ▶ precursor=782.226050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1563.442	1555.433	0.504	1554.929	L126
N1	123.054	1506.905	1498.891	1499.395	1498.367	N20
K1	187.132	1449.879	1441.869	1442.373	1441.366	K27
L1	243.674	1385.811	1377.822	1378.326	1377.318	L26
L1	300.216	1329.289	1321.285	1321.784	1320.776	L25
G1	358.758	1272.747	1264.739	1265.242	1264.235	G24
R1	406.777	1214.230	1206.227	1206.731	1205.723	R23
V1	456.311	1166.188	1158.177	1158.680	1157.673	V22
T1	506.835	1116.652	1108.642	1109.146	1108.139	T21
T10	563.377	1056.129	1058.119	1058.622	1057.613	T20
A11	608.856	1000.595	1002.587	1002.080	1001.073	A19
G12	667.826	974.061	966.058	966.562	965.554	G18
G13	691.436	910.038	902.029	902.533	901.525	G17
G14	719.946	861.527	873.518	874.022	873.014	G16
V15	769.480	813.017	865.007	845.511	844.503	V15
L16	826.023	803.482	795.473	795.977	794.969	L14
T17	874.549	746.940	738.931	739.435	738.427	T13
N18	911.570	698.414	690.405	690.908	689.901	N12
I19	968.112	641.392	633.383	633.887	632.879	I11
Q20	1052.142	584.850	576.841	577.345	576.337	Q10
A21	1087.660	530.821	512.812	513.316	512.308	A0
V22	1137.194	486.302	477.293	477.797	476.790	V8
L23	1193.736	438.765	429.756	429.260	428.252	L1
L24	1250.279	379.226	371.217	371.721	370.713	L6
P25	1298.805	322.684	314.675	315.179	314.171	P5
K26	1367.852	274.158	266.149	266.652	265.645	K4
K27	1447.905	210.110	202.101	202.605	201.597	K3
T28	1488.429	125.058	117.048	117.552	116.544	T2
E29	1562.950	74.534	66.524	67.028	66.021	E1

sp | Q8CGP5 | H2A1F_MOUSE

LNKLLGRVTIAQGGVLPNIQAVLLPKK ^{Acetyl}42.01 TE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=37.74
- ▶ F113670.dat
- ▶ query=q50021.p1
- ▶ precursor=782.226050
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	44.577	1042.631	1037.291	0.672	1036.955	L[28]
N[2]	82.392	1004.930	999.596	999.932	999.260	N[28]
K[3]	125.090	966.927	961.582	961.918	961.246	K[27]
L[4]	162.785	924.223	918.884	919.220	918.548	L[26]
L[5]	200.479	886.520	881.189	881.525	880.883	L[25]
Q[6]	239.887	843.839	838.494	838.830	838.185	Q[24]
R[7]	271.520	829.827	824.487	824.823	824.151	R[23]
V[8]	304.543	777.983	772.453	772.789	772.118	V[22]
T[9]	338.226	744.770	739.431	739.767	739.095	T[21]
I[10]	375.920	711.080	705.748	706.084	705.412	I[20]
A[11]	399.599	673.303	668.053	668.389	667.711	A[19]
Q[12]	442.286	649.741	644.374	644.710	644.038	Q[19]
G[13]	461.293	607.028	601.688	602.024	601.352	G[17]
G[14]	480.300	589.021	583.681	583.017	582.345	G[16]
V[15]	513.323	569.019	563.674	564.010	563.339	V[15]
L[16]	551.017	535.991	530.651	530.987	530.315	L[14]
F[17]	583.358	498.290	492.950	493.282	492.620	F[13]
T[18]	621.383	465.941	460.605	460.941	460.270	T[12]
I[19]	659.077	427.931	422.591	422.927	422.255	I[11]
Q[20]	701.764	390.230	384.896	385.232	384.561	Q[10]
A[21]	725.443	347.550	342.210	342.546	341.874	A[9]
V[22]	758.465	323.871	318.531	318.867	318.195	V[8]
L[23]	796.190	290.845	285.508	285.844	285.172	L[7]
L[24]	833.855	263.151	257.814	258.150	257.478	L[6]
P[25]	866.206	215.450	210.119	210.455	209.783	P[5]
K[26]	908.904	183.108	177.768	178.104	177.433	K[4]
K[27]	945.606	140.400	135.070	135.406	134.734	K[3]
T[28]	999.288	83.700	78.366	78.704	78.032	T[2]
E[29]	1042.303	50.025	44.685	45.021	44.340	E[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=25.31
- ▶ F113670.dat
- ▶ query=q7155_p1
- ▶ precursor=312.179560
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	109.066	934.522	916.503	0.000	917.495	S[8]
H[2]	242.125	847.490	831.471	0.000	830.463	H[7]
H[3]	379.184	710.431	694.412	0.000	693.404	H[6]
K[4]	507.279	573.372	557.353	558.361	556.345	K[5]
A[5]	578.316	445.277	429.258	430.266	428.250	A[4]
K[6]	706.411	374.240	358.221	359.229	357.213	K[3]
G[7]	763.432	246.145	230.126	231.134	229.118	G[2]
K[8]	933.538	189.123	173.105	174.112	172.097	K[1]

sp | P22752 | H2A1_MOUSE

SHHKAKGK^{Acetyl}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=25.31
- ▶ F113670.dat
- ▶ query=q7155.p1
- ▶ precursor=312.179560
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	467.765	459.755	0.504	459.251	S[8]
H[2]	121.566	424.248	416.239	0.504	415.735	H[7]
H[3]	190.095	355.719	347.710	0.504	347.206	H[6]
K[4]	254.143	287.190	279.180	279.684	278.676	K[5]
A[5]	289.662	223.142	215.133	215.637	214.629	A[4]
K[6]	353.709	187.624	179.614	180.118	179.110	K[3]
G[7]	382.220	123.576	115.567	116.071	115.063	G[2]
K[8]	467.272	95.063	87.056	87.560	86.552	K[1]

sp | Q8CGP5 | H2A1F_MOUSE

LAGNAAR^{Methyl D}
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=43.01
- ▶ F113671.dat
- ▶ query=q2456_p1
- ▶ precursor=401.214940
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
L1	86.998	0.000	0.000	114.073	0.000	0.000	431.423	168.399	163.441	L10
A1	157.134	0.000	0.000	185.129	0.000	0.000	608.337	671.311	670.327	A17
G1	214.155	0.000	0.000	242.150	0.000	0.000	617.300	600.274	589.260	G69
N1	328.198	311.171	0.000	356.193	339.166	0.000	560.279	543.252	542.268	N15
A1	259.230	382.208	0.000	437.230	410.203	0.000	446.236	430.200	430.205	A14
A1	470.272	453.245	0.000	466.267	481.241	0.000	375.199	359.173	357.186	A13
R1	640.389	623.362	0.000	668.384	651.357	0.000	304.182	287.155	286.151	R12
G1	735.416	718.389	737.400	763.411	746.384	705.400	134.069	0.000	116.034	G11

sp | Q6GSS7 | H2A2A_MOUSE

GK^{Methyl} 14.02 VTIAQGGVLPNIQAVL

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=89.00
- ▶ F113673.dat
- ▶ query=q15097_p1
- ▶ precursor=598.028190
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
G[1]	75.055	1762.009	1776.050	8.900	1775.042	G[18]
R[2]	217.106	1735.048	1719.029	1720.037	1718.021	R[17]
V[3]	316.234	1562.937	1576.918	1577.926	1576.910	V[16]
T[4]	417.282	1493.869	1477.850	1478.858	1476.842	T[15]
I[5]	530.366	1392.921	1376.902	1377.910	1375.894	I[14]
A[6]	601.403	1279.737	1263.718	1264.726	1262.710	A[13]
G[7]	729.462	1206.705	1192.681	1193.689	1191.673	G[12]
G[8]	786.483	1080.641	1064.622	1065.630	1063.615	G[11]
G[9]	843.505	1023.620	1007.601	1008.609	1006.593	G[10]
V[10]	942.573	956.598	950.580	951.587	949.572	V[9]
L[11]	1053.667	807.530	851.511	852.519	850.503	L[8]
P[12]	1152.710	754.446	759.437	759.435	737.410	P[7]
N[13]	1266.753	657.393	641.374	642.382	640.366	N[6]
I[14]	1379.837	643.356	527.331	528.339	526.324	I[5]
Q[15]	1507.895	430.260	414.247	415.255	413.239	Q[4]
A[16]	1519.933	302.207	286.189	287.197	285.181	A[3]
V[17]	1678.001	218.170	215.152	216.159	214.144	V[2]
L[18]	1791.005	132.102	118.083	117.091	115.075	L[1]

sp | Q6GSS7 | H2A2A_MOUSE

GK^{Methyl} 14.02 VTIAQGGVLPNIQAVL

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=89.00
- ▶ F113673.dat
- ▶ query=q15097_p1
- ▶ precursor=598.028190
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
G	[1]	38.031	896.530	888.529	0.504	888.025	G[18]
K	[2]	109.087	868.027	860.018	860.522	859.514	K[11]
V	[3]	158.024	796.972	788.963	789.467	788.459	V[16]
T	[4]	209.145	747.436	739.429	739.932	738.925	T[15]
I	[5]	265.087	696.914	688.905	689.409	688.401	I[14]
A	[6]	301.205	640.372	632.363	632.867	631.859	A[13]
Q	[7]	365.235	604.854	596.844	597.348	596.340	Q[12]
G	[8]	393.745	640.824	632.815	633.319	632.311	G[11]
G	[9]	422.256	612.313	604.304	604.808	603.800	G[10]
V	[10]	471.790	483.803	475.793	476.297	475.289	V[9]
L	[11]	538.332	434.269	426.259	426.763	425.755	L[8]
F	[12]	676.859	377.727	369.717	370.221	369.213	F[7]
N	[13]	633.889	359.206	351.191	351.695	350.687	N[6]
I	[14]	690.422	272.179	264.169	264.673	263.665	I[5]
Q	[15]	754.451	215.637	207.627	208.131	207.123	Q[4]
A	[16]	789.970	151.607	143.598	144.102	143.094	A[3]
V	[17]	839.504	116.089	108.079	108.583	107.576	V[2]
L	[18]	896.046	66.555	58.545	59.049	58.041	L[1]

sp | Q6GSS7 | H2A2A_MOUSE

GK^{Methyl} 14.02 VTIAQGGVLPNIQAVL

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=55.96
- ▶ F113673.dat
- ▶ query=q15099_p1
- ▶ precursor=896.538950
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
Q1	30.004	0.000	0.000	58.004	0.000	0.000	172.208	172.000	172.000	Q16
K12	172.208	180.130	0.000	209.130	180.130	0.000	173.000	173.000	173.000	K17
V13	173.000	284.130	0.000	299.130	284.130	0.000	132.137	132.000	132.000	V16
T14	132.137	130.411	130.411	130.411	130.411	130.411	302.245	143.209	143.209	T15
I15	143.209	488.131	488.131	511.340	488.131	485.329	132.000	132.000	132.000	I14
A16	485.329	538.351	538.351	584.377	538.351	556.356	1279.737	1282.750	1282.750	A13
Q17	884.440	609.431	609.431	712.435	609.431	609.431	1208.700	1210.000	1210.000	Q12
Q18	712.435	724.431	723.451	769.457	724.431	724.431	1080.541	1083.613	1083.613	Q11
Q19	1083.613	781.457	781.457	819.470	819.470	808.460	1023.620	1026.700	1026.700	Q10
V10	819.470	881.520	878.541	925.547	881.520	907.526	949.572	949.572	949.572	V09
L11	949.572	959.560	1008.631	1012.654	959.560	1020.620	867.330	867.330	867.330	L10
P12	1012.654	1081.660	1081.660	1135.661	1081.660	1117.673	754.446	737.418	737.418	P11
N13	1117.673	1204.720	1204.720	1249.726	1204.720	1204.720	1235.716	1235.716	1235.716	N08
T14	1249.726	1319.780	1319.780	1362.816	1319.780	1319.780	1344.800	1344.800	1344.800	T09
Q15	1344.800	1445.850	1445.850	1490.860	1445.850	1472.810	430.356	431.210	431.210	Q04
A16	1472.810	1518.880	1518.880	1563.880	1518.880	1543.890	382.200	382.200	382.200	A05
V17	1543.890	1613.950	1613.950	1660.970	1613.950	1642.960	331.210	331.210	331.210	V02
L18	1642.960	1729.030	1729.030	1774.050	1729.030	1756.040	132.100	132.100	132.100	L01

sp | P15864 | H12_MOUSE

LITKAVAASK ^{Methyl} E
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=53.95
- ▶ F113676.dat
- ▶ query=q15415_p1
- ▶ precursor=572.851810
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	y*	a β	b	b*	b β	y	y*	y β	AA
L11	86.798	0.000	0.000	114.907	0.000	0.000	114.908	1147.897	1148.903	L111
T12	199.180	0.000	0.000	227.175	0.000	0.000	1151.831	1014.924	2101.769	T121
T13	300.720	0.000	200.210	320.223	0.000	310.213	818.525	905.490	600.515	T131
K14	302.622	811.207	410.311	436.318	810.201	438.307	817.478	500.451	700.467	K141
A15	409.340	802.214	401.300	527.325	800.204	509.315	400.303	272.500	107.512	A151
V16	408.429	501.402	500.400	626.424	500.397	608.413	610.350	505.370	500.355	V161
A17	400.400	602.400	601.400	697.461	600.404	679.450	519.277	500.251	601.267	A171
A18	740.503	723.476	722.482	748.498	731.471	750.467	448.340	430.214	430.230	A181
S19	877.876	810.848	809.850	855.835	810.840	837.819	377.203	360.177	800.003	S191
R100	890.846	852.819	851.830	907.845	880.814	879.830	290.171	278.144	272.060	R100
E11	1000.000	1001.000	1000.000	1120.000	1100.000	1000.000	140.000	0.000	130.000	E111

sp | P15864 | H12_MOUSE

LITKAVAASK ^{Methyl} E
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.27
- ▶ F113676.dat
- ▶ query=q15418_p1
- ▶ precursor=382.237220
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L [3]	131.118	1144.694	1128.675	0.000	1127.067	L [11]
T [2]	244.202	1031.610	1015.501	0.000	1014.583	T [10]
T [3]	345.250	918.525	902.507	0.000	901.490	T [9]
K [4]	473.345	817.473	801.459	802.467	800.451	K [8]
A [5]	544.392	689.393	673.364	674.372	672.366	A [7]
V [6]	644.450	619.340	602.327	603.335	601.319	V [6]
A [7]	714.487	519.277	503.259	504.266	502.251	A [5]
A [8]	785.524	448.240	432.221	433.229	431.214	A [4]
S [9]	872.556	377.203	361.184	362.192	360.177	S [3]
R [10]	1014.667	290.171	274.152	275.160	273.144	R [2]
E [11]	1143.710	148.060	132.042	133.050	131.034	E [1]

sp | P15864 | H12_MOUSE

LITKAVAASK ^{Methyl} E
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.27
- ▶ F113676.dat
- ▶ query=q15418_p1
- ▶ precursor=382.237220
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L [1]	66.093	572.850	564.841	0.504	564.337	L [11]
I [2]	122.605	516.308	508.299	0.504	507.795	I [10]
T [3]	173.128	459.766	451.757	0.504	451.253	T [9]
K [4]	227.176	409.243	401.233	403.737	400.729	K [8]
A [5]	272.694	345.195	337.186	337.690	336.682	A [7]
V [6]	322.229	309.676	301.667	302.171	301.163	V [6]
A [7]	357.747	280.142	252.133	252.637	251.629	A [5]
A [8]	393.266	224.624	216.614	217.118	216.110	A [4]
S [9]	436.782	189.105	181.096	181.600	180.592	S [3]
K [10]	507.837	145.589	137.580	138.084	137.076	K [2]
E [11]	572.358	74.534	66.524	67.028	66.021	E [1]

sp | P84244 | H33_MOUSE

FK^{Methyl} TDLRFQSAAGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.19
- ▶ F113676.dat
- ▶ query=q36830.p1
- ▶ precursor=637.012920
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
F [1]	165.102	1909.018	1892.999	0.000	1891.961	F [17]
K [2]	307.213	1181.349	745.133	1140.338	1744.923	K [6]
T [3]	408.261	1019.839	1603.820	1004.826	1502.812	T [18]
D [4]	523.287	1518.791	1502.772	1503.780	1501.765	D [14]
L [5]	636.372	1801.764	1387.745	1388.753	1389.738	L [13]
R [6]	792.473	1290.680	1274.661	1275.669	1273.654	R [12]
F [7]	939.541	1134.579	1118.560	1119.568	1117.552	F [11]
Q [8]	1087.698	889.511	971.492	972.500	970.484	Q [10]
S [9]	1154.632	859.452	843.433	844.441	842.425	S [9]
A [10]	1225.669	772.420	756.401	757.409	755.393	A [8]
A [11]	1286.706	701.383	685.364	686.372	684.356	A [7]
I [12]	1409.790	630.346	614.327	615.335	613.319	I [9]
G [13]	1469.811	517.262	501.243	502.251	500.235	G [5]
A [14]	1537.849	460.240	444.221	445.229	443.214	A [4]
L [15]	1650.933	389.203	373.184	374.192	372.177	L [3]
Q [16]	1778.991	276.110	260.100	261.108	259.092	Q [2]
E [17]	1908.014	148.060	132.042	133.050	131.034	E [1]

sp | P84244 | H33_MOUSE

FK^{Methyl} TDLRFQSAAGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.19
- ▶ F113676.dat
- ▶ query=q36830_p1
- ▶ precursor=637.012920
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F[1]	83.095	955.013	947.003	0.504	946.499	F[17]
K[2]	154.110	881.478	873.469	873.973	872.965	K[16]
T[3]	294.634	810.423	802.414	802.918	801.910	T[15]
D[4]	262.147	759.899	751.890	752.394	751.386	D[14]
L[5]	318.689	702.386	694.376	694.880	693.872	L[13]
R[6]	386.740	645.844	637.834	638.338	637.330	R[12]
T[7]	470.274	587.793	579.784	580.288	579.280	T[11]
Q[8]	434.303	494.250	486.240	486.744	485.746	Q[10]
S[9]	577.819	430.230	422.220	422.724	421.716	S[9]
A[10]	613.138	386.714	378.704	379.208	378.200	A[8]
A[11]	648.857	351.195	343.186	343.690	342.682	A[7]
I[12]	705.399	315.676	307.667	308.171	307.163	I[6]
G[13]	733.909	269.134	261.125	261.629	260.621	G[5]
A[14]	769.428	230.624	222.614	223.118	222.110	A[4]
L[15]	825.970	195.105	187.096	187.600	186.592	L[3]
Q[16]	869.999	138.563	130.554	131.058	130.050	Q[2]
E[17]	954.521	74.534	66.524	67.028	66.021	E[1]

sp | Q64522 | H2A2B_MOUSE

LNK^{Propionyl}_{56.03} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.28
- ▶ F113676.dat
- ▶ query=q49493.p1
- ▶ precursor=760.960020
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3040.813	3024.795	0.000	3023.787	L[28]
N[2]	245.161	2927.729	2911.710	2912.718	2910.703	N[28]
K[3]	429.282	2813.686	2797.668	2798.675	2796.660	K[27]
L[4]	542.366	2629.565	2613.546	2614.554	2612.539	L[26]
L[5]	655.450	2516.481	2500.462	2501.470	2499.454	L[25]
G[6]	712.472	2403.397	2387.379	2388.386	2386.370	G[24]
G[7]	769.493	2246.370	2230.351	2231.359	2229.343	G[23]
V[8]	868.561	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	969.609	2190.286	2174.267	2175.275	2173.259	T[21]
T[10]	1082.693	2089.238	2073.219	2074.227	2072.211	T[20]
A[11]	1153.730	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1261.769	1929.131	1913.112	1896.106	1898.090	Q[18]
G[13]	1338.810	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1395.832	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1494.900	1663.015	1646.997	1648.004	1646.989	V[15]
L[16]	1607.984	1561.947	1547.928	1548.936	1546.920	L[14]
T[17]	1705.037	1450.863	1434.844	1435.852	1433.836	T[13]
N[18]	1819.080	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	1932.164	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2060.223	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2131.260	908.624	902.605	903.614	901.598	A[9]
V[22]	2230.338	927.587	911.568	912.576	910.561	V[8]
L[23]	2333.412	826.519	810.500	813.508	811.483	L[7]
L[24]	2456.496	715.435	695.416	700.424	698.408	L[6]
P[25]	2563.540	602.351	586.332	587.340	585.324	P[5]
K[26]	2681.644	505.268	489.279	490.287	488.271	K[4]
K[27]	2809.739	377.203	361.184	362.192	360.177	K[3]
T[28]	2910.787	249.108	243.089	244.097	242.082	T[2]
E[29]	3039.829	148.060	132.040	133.050	131.034	E[1]

sp | Q64522 | H2A2B_MOUSE

LNK^{Propionyl}_{56.03} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.28
- ▶ F113676.dat
- ▶ query=q49493.p1
- ▶ precursor=760.960020
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	66.063	1520.935	1512.951	0.504	1512.397	L 28
N 2	123.084	1464.368	1456.359	1456.803	1455.855	N 28
K 3	215.145	1407.947	1399.337	1399.841	1398.834	K 27
L 4	271.687	1315.289	1307.277	1307.781	1306.773	L 26
L 5	328.229	1258.744	1250.735	1251.239	1250.231	L 25
G 6	385.779	1202.202	1194.193	1194.697	1193.689	G 24
G 7	385.250	1173.691	1165.682	1166.186	1165.178	G 23
V 8	434.784	1145.181	1137.171	1137.675	1136.667	V 22
T 9	483.309	1095.646	1087.637	1088.141	1087.133	T 21
I 10	541.850	1045.123	1037.113	1037.617	1036.609	I 20
A 11	577.369	998.581	990.571	981.075	980.067	A 19
Q 12	643.398	953.062	945.053	945.557	944.549	Q 18
G 13	689.909	899.033	881.023	881.527	880.519	G 17
G 14	698.420	860.522	852.513	853.017	852.009	G 16
V 15	747.954	832.011	824.002	824.506	823.498	V 15
L 16	804.496	782.477	774.468	774.972	773.964	L 14
T 17	853.022	725.935	717.926	718.430	717.422	T 13
N 18	919.944	677.409	669.399	669.903	668.895	N 12
I 19	966.586	626.867	612.878	612.882	611.874	I 11
Q 20	1030.615	563.845	555.839	556.340	555.332	Q 10
A 21	1066.134	499.616	491.607	492.110	491.303	A 9
V 22	1115.668	464.297	456.288	456.792	455.784	V 8
L 23	1172.210	414.763	406.754	407.256	406.250	L 7
L 24	1228.752	358.221	350.211	350.716	349.709	L 6
P 25	1277.278	301.679	293.670	294.174	293.166	P 5
K 26	1341.326	253.153	245.143	245.647	244.639	K 4
K 27	1405.373	189.105	181.096	181.600	180.592	K 3
T 28	1455.897	125.058	117.049	117.552	116.544	T 2
E 29	1530.418	74.834	66.826	67.328	66.821	E 1

sp | Q64522 | H2A2B_MOUSE

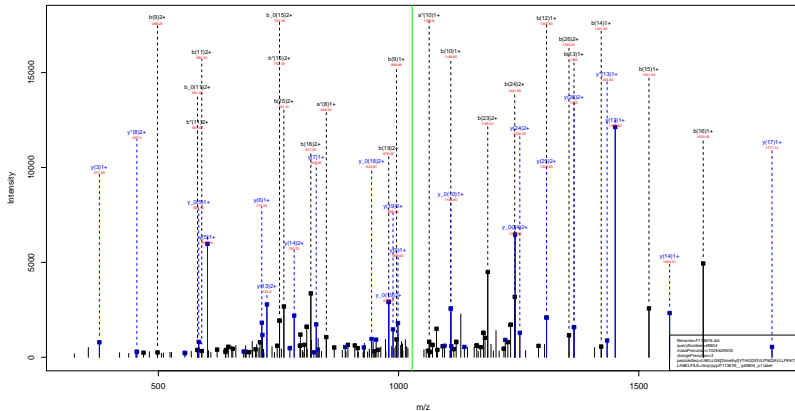
LNK^{Propionyl}_{56.03} LLGGVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.28
- ▶ F113676.dat
- ▶ query=q49493.p1
- ▶ precursor=760.960020
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L 1	44.377	1014.276	1008.936	0.672	1008.600	L 20
N 2	62.392	976.581	971.242	971.578	970.906	N 28
K 3	143.766	938.567	933.227	933.563	932.891	K 27
L 4	181.460	877.193	871.854	872.190	871.518	L 26
L 5	219.155	839.499	834.159	834.495	833.823	L 25
G 6	238.103	801.804	796.464	796.800	796.128	G 24
G 7	257.109	782.767	777.427	777.763	777.121	G 23
V 8	290.192	763.790	758.450	758.786	758.114	V 22
T 9	323.875	730.767	725.427	725.763	725.091	T 21
I 10	361.569	697.084	691.745	692.081	691.409	I 20
A 11	385.268	658.389	654.050	654.386	653.714	A 19
Q 12	427.934	636.720	630.371	630.707	630.035	Q 18
G 13	446.942	593.024	587.685	588.021	587.349	G 17
G 14	465.949	574.017	568.678	569.013	568.342	G 16
V 15	466.972	555.010	549.670	550.006	549.334	V 15
L 16	536.666	521.987	516.648	516.984	516.312	L 14
F 17	569.017	484.292	478.953	479.289	478.617	F 13
Tu 18	607.693	451.942	446.603	446.939	446.266	Tu 12
I 19	644.726	413.927	408.588	408.924	408.252	I 11
Q 20	687.412	376.213	370.893	371.229	370.557	Q 10
A 21	711.091	333.546	328.207	328.543	327.871	A 9
V 22	744.114	309.867	304.528	304.864	304.192	V 8
L 23	781.899	276.844	271.505	271.841	271.169	L 7
L 24	819.954	260.150	253.810	254.146	253.474	L 6
P 25	851.855	201.655	195.316	195.651	195.000	P 5
K 26	894.553	169.104	163.765	164.101	163.429	K 4
K 27	937.251	126.406	121.066	121.402	120.730	K 3
T 28	970.934	83.708	78.368	78.704	78.032	T 2
E 29	1013.948	50.025	44.685	45.021	44.349	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} VTIAQGGVLPNIQAVLLPKKTE
28.03



sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=75.62
- ▶ F113676.dat
- ▶ query=q49804.p1
- ▶ precursor=1028.629400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,β	b	b'	b,β	y	y'	y,β	AA
L1	86302	8399	0.000	114709	9340	0.000	993189	3498399	893881	L129
N1	230139	331111	0.000	230139	211188	0.000	2491181	2841181	2942179	N20
K1	708174	311208	0.000	308129	130103	0.000	8591194	9291194	9391194	K27
L14	441111	404100	0.000	408131	403087	0.000	4748109	4713104	4713089	L104
L15	304100	337108	0.000	304100	308111	0.000	3015100	2946100	2949101	L124
G16	311111	314107	0.000	311111	308111	0.000	3005102	2993102	2993101	G24
K17	187100	180104	0.000	195140	199109	0.000	3481400	3438104	3438100	K23
V18	309101	349102	0.000	304113	307107	0.000	3081101	2912101	2912101	V22
T19	397108	397108	349102	393101	393101	0.000	397108	393101	393101	T21
I10	1088178	1083174	1862140	1108178	1081179	0.000	1088178	1080178	1081177	I26
A111	1111107	1134101	1143177	1178178	1162176	1181172	1810111	1849111	1849111	A109
G123	1178108	1182109	1201110	1301101	1190114	1198108	1820111	1820111	1820111	G10
G15	1138109	118104	118109	1384101	1371101	1386109	1777108	1769101	1769108	G17
G14	1081089	1076101	1101101	1421104	1414101	1401101	1142101	1142101	1142101	G16
V15	309101	319101	319101	1520102	1510102	1500101	1820101	1820101	1820101	V10
L104	309101	309101	309101	1634103	1634103	1634103	1563101	1564101	1564101	L114
P117	1113104	1080108	1080108	1114108	1114108	1113101	1450101	1433101	1419101	P115
N108	1811111	1800111	1800111	1800111	1800111	1800111	1811111	1811111	1811111	N10
E19	3101101	3111101	3121101	3091101	3091101	3091101	1701101	1702111	1721101	E11
Q20	3081101	3041101	3041101	3081101	3081101	3081101	1701101	1108101	1108101	Q10
A21	3081101	3081101	3081101	3081101	3081101	3081101	108101	108101	108101	A8
V22	3081101	3081101	3081101	3081101	3081101	3081101	107101	107101	107101	V10
L124	3041101	3041101	3041101	3041101	3041101	3041101	108101	108101	108101	L11
L124	3041101	3041101	3041101	3041101	3041101	3041101	111101	111101	111101	L11
P25	3011101	3011101	3011101	3011101	3011101	3011101	103101	103101	103101	P16
K26	3011101	3011101	3011101	3011101	3011101	3011101	103101	103101	103101	K14
L127	3011101	3011101	3011101	3011101	3011101	3011101	107101	107101	107101	L12
L106	3008104	3008101	3008101	3008101	3008101	3008101	100101	100101	100101	L12
E29	3001101	3001101	3001101	3001101	3001101	3001101	100101	100101	100101	E11

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=75.62
- ▶ F113676.dat
- ▶ query=q49804_p1
- ▶ precursor=1028.629400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,Δ	b	b'	b,Δ	y	y'	y,Δ	AA
L1	45	501	0.500	0.500	07949	0.500	1562.490	1119.030	0113.444	L129
N1	102	117	0.500	0.500	114371	0.500	1480.587	1447.084	1479.502	N24
K1	119	122	0.500	0.500	119103	0.500	1529.503	1429.274	1471.001	K27
L14	221	483	0.500	0.500	239140	0.500	1384.630	1388.325	1310.611	L128
L15	227	150	0.500	0.500	247120	0.500	1386.390	1349.180	1309.201	L124
G16	236	102	0.500	0.500	252141	0.500	1251.750	1451.743	1342.740	G24
K17	384	478	0.500	0.500	388120	0.500	1221.484	1214.731	1144.239	K122
V18	431	613	0.500	0.500	437120	0.500	1210.180	1136.047	1138.170	V22
T19	458	110	0.500	0.500	476.335	0.500	1075.540	1318.210	1200.941	T12
R14	480	879	0.500	0.500	554.876	0.500	1400.141	1036.406	1036.111	R26
A11	477	577	0.500	0.500	590.395	0.500	988.081	980.081	978.575	A19
G13	646.427	133.813	0.500	654.426	646.911	0.500	953.082	968.549	964.527	G10
G18	668	679	0.500	0.500	682.938	0.500	889.033	886.814	869.217	G17
G14	697	443	0.500	0.500	711.446	0.500	702.440	691.212	681.317	G16
V15	746.982	129.449	0.500	746.980	752.482	0.500	832.011	821.498	822.006	V10
L16	883.524	716.011	0.500	817.520	808.008	0.500	782.477	771.064	773.472	L14
P17	887	693	0.500	0.500	888.048	0.500	725.935	717.422	716.930	P15
N18	908.472	368.969	0.500	0.500	914.936	0.500	917.408	888.288	868.367	N13
R19	967	614	0.500	0.500	976.612	0.500	958.197	951.274	911.367	R11
G20	1021	110	0.500	0.500	1026.944	0.500	1011.641	555.312	554.840	G18
A21	1085.182	306.649	0.500	0.500	1076.180	0.500	1076.154	1069.819	1068.514	A20
V22	1114.696	1108.110	0.500	0.500	1120.180	0.500	104.210	455.784	455.292	V18
L23	1173.238	1162.725	0.500	1162.233	1185.236	0.500	1176.727	1176.230	1174.761	L17
L24	1227.780	1218.267	0.500	0.500	1234.776	0.500	1232.773	1228.266	1227.771	L16
P25	1290	1254	0.500	0.500	1354.352	0.500	1244.100	1241.610	1244.147	P24
K26	1302	1214	0.500	0.500	1314.100	0.500	1251.153	1244.610	1244.147	K24
K27	1444	1414	0.500	0.500	1444.100	0.500	1444.100	1444.100	1444.100	K23
L28	1454	1404	0.500	0.500	1454.100	0.500	1454.100	1454.100	1454.100	L22
L29	1510	1474	0.500	0.500	1510.100	0.500	1510.100	1510.100	1510.100	L21

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.13
- ▶ F113676.dat
- ▶ query=q49805.p1
- ▶ precursor=1028.629400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	131.118	3083.892	3067.873	0.000	3066.865	L26
N2	245.161	2970.808	2954.789	2938.797	2953.781	N28
K3	373.256	2856.765	2840.746	2841.754	2839.738	K27
L4	486.340	2728.670	2712.651	2713.659	2711.643	L26
L5	599.424	2615.585	2599.567	2600.575	2598.559	L25
G6	636.445	2502.500	2486.483	2487.491	2485.475	G24
K7	812.572	2445.480	2429.462	2430.469	2428.454	K23
V8	911.640	2289.354	2273.335	2274.343	2272.327	V22
T9	1012.688	2190.286	2174.267	2175.275	2173.259	T21
I10	1125.772	2089.230	2073.210	2074.227	2072.211	I20
A11	1196.809	1976.154	1960.135	1961.143	1959.127	A19
Q12	1314.857	1925.111	1889.098	1890.106	1888.090	Q18
G13	1381.889	1777.058	1761.039	1762.047	1760.032	G17
G14	1438.910	1720.037	1704.018	1705.026	1703.010	G16
V15	1537.979	1663.015	1646.997	1648.004	1646.989	V15
L16	1651.063	1563.947	1547.928	1548.936	1546.920	L14
F17	1768.116	1490.863	1474.844	1475.852	1473.836	F13
N18	1892.159	1353.810	1337.791	1338.799	1336.783	N12
I19	1975.243	1239.767	1223.748	1224.756	1222.741	I11
Q20	2103.301	1126.683	1110.664	1111.672	1109.656	Q10
A21	2174.338	998.624	982.606	983.614	981.598	A9
V22	2273.407	927.587	911.569	912.576	910.561	V8
L23	2389.491	808.513	832.500	813.508	811.492	L7
L24	2499.575	715.435	699.416	700.424	698.408	L6
P25	2596.628	602.351	586.332	587.340	585.324	P5
K26	2724.723	505.268	489.249	490.257	488.271	K4
K27	2852.818	377.203	361.184	362.192	360.177	K3
T28	2953.865	249.106	233.089	234.097	232.082	T2
E29	3082.908	148.060	132.042	133.050	131.034	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNKLLGK ^{Dimethyl} _{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.13
- ▶ F113676.dat
- ▶ query=q49805.p1
- ▶ precursor=1028.629400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L1	66.053	1542.450	1524.440	9.504	1533.930	L120
N12	123.054	1485.905	1477.898	1478.402	1477.394	N020
K13	187.132	1428.889	1420.877	1421.381	1420.373	K027
L14	243.674	1364.839	1356.829	1357.333	1356.325	L126
L15	300.216	1308.297	1300.287	1300.791	1299.783	L125
G16	358.759	1251.755	1243.745	1244.249	1243.241	G024
K17	406.799	1223.244	1215.234	1215.738	1214.731	K023
V18	456.324	1145.181	1137.171	1137.675	1136.667	V022
T19	506.849	1095.646	1087.637	1088.141	1087.133	T121
T10	563.390	1045.123	1037.113	1037.617	1036.609	T020
A111	588.938	988.581	980.571	981.075	980.067	A119
G112	602.937	953.065	945.055	945.559	944.551	G118
G113	691.448	889.033	881.023	881.527	880.519	G117
G14	719.959	860.522	852.513	853.017	852.009	G116
V15	769.493	832.011	824.002	824.506	823.498	V115
L16	826.035	782.477	774.468	774.972	773.964	L114
T17	874.581	728.935	720.925	721.429	720.421	T113
N118	931.583	677.400	669.390	669.893	668.885	N112
I19	988.125	620.867	612.857	613.361	612.353	I111
Q120	1052.154	563.845	555.836	556.340	555.332	Q110
A121	1087.673	499.816	491.807	492.310	491.303	A10
V122	1127.207	484.297	476.288	476.792	475.784	V10
L123	1193.769	414.763	406.754	407.258	406.250	L10
L124	1250.291	358.221	350.212	350.716	349.708	L10
P125	1298.817	301.679	293.670	294.174	293.166	P10
K126	1362.865	253.153	245.143	245.647	244.639	K10
K127	1426.912	189.105	181.096	181.600	180.592	K10
T128	1477.436	125.058	117.048	117.552	116.544	T10
E129	1541.958	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=50.46
- ▶ F113676.dat
- ▶ query=q50390.p1
- ▶ precursor=803.984670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	v	s ^a	s ^b	AA
E 1	225.139	0.000	86.944	136.889	0.000	112.456	131.914	1359.985	1359.985	L20
L 2	225.139	0.000	107.125	124.134	0.000	125.123	135.970	1009.985	1009.985	L20
N 3	329.032	803.109	111.113	109.877	340.430	179.389	100.000	1245.183	1052.727	N20
N 4	329.032	803.109	128.269	105.222	348.243	187.261	100.000	1249.183	1058.744	N20
L 5	370.301	351.314	100.301	100.100	101.319	100.100	1750.810	1211.941	1212.000	L20
L 6	381.445	660.418	100.414	111.440	104.413	103.420	101.100	1266.510	1057.514	L20
G 7	140.467	723.640	122.458	102.461	171.430	170.451	100.000	1486.470	1484.481	G24
N 8	100.100	879.989	879.989	102.580	102.581	100.100	100.000	1262.454	1262.450	N20
V 9	105.461	876.635	107.631	102.636	106.630	106.630	100.000	1277.631	1091.543	V22
T10	1096.709	1079.682	1096.688	1124.704	1107.677	1106.695	1100.200	1214.200	1122.216	T21
L11	1100.100	1100.100	1100.100	1100.100	1100.100	1100.100	100.000	100.000	100.000	L21
A12	1201.610	1201.610	1201.610	1201.610	1201.610	1201.610	100.000	100.000	100.000	A19
G13	1300.800	1300.800	1300.800	1300.800	1300.800	1300.800	100.000	100.000	100.000	G19
G14	1400.000	1400.000	1400.000	1400.000	1400.000	1400.000	100.000	100.000	100.000	G19
G15	1500.000	1500.000	1500.000	1500.000	1500.000	1500.000	100.000	100.000	100.000	G19
V16	1600.000	1600.000	1600.000	1600.000	1600.000	1600.000	100.000	100.000	100.000	V15
L17	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	100.000	100.000	100.000	L14
P18	1800.134	1800.134	1800.134	1800.134	1800.134	1800.134	1450.855	1450.855	1450.855	P15
N19	1900.000	1900.000	1900.000	1900.000	1900.000	1900.000	100.000	1100.183	1100.183	N12
E20	2000.000	2000.000	2000.000	2000.000	2000.000	2000.000	100.000	1222.741	1222.741	E18
G21	2100.100	2100.100	2100.100	2100.100	2100.100	2100.100	1126.683	1108.677	1108.677	G18
A22	2200.800	2200.800	2200.800	2200.800	2200.800	2200.800	986.624	986.624	986.614	A16
V23	2300.400	2300.400	2300.400	2300.400	2300.400	2300.400	927.587	918.561	908.517	V16
L24	2400.100	2400.100	2400.100	2400.100	2400.100	2400.100	824.519	824.519	811.500	L17
L25	2500.000	2500.000	2500.000	2500.000	2500.000	2500.000	715.435	686.416	661.424	L16
P26	2600.040	2600.040	2600.040	2600.040	2600.040	2600.040	602.351	569.324	544.340	P16
L27	2700.000	2700.000	2700.000	2700.000	2700.000	2700.000	505.290	469.274	444.280	L14
R28	2800.000	2800.000	2800.000	2800.000	2800.000	2800.000	377.203	365.173	350.181	R16
T29	2900.000	2900.000	2900.000	2900.000	2900.000	2900.000	246.106	230.000	211.000	T15
K30	3000.000	3000.000	3000.000	3000.000	3000.000	3000.000	100.000	100.000	100.000	K16

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=50.46
- ▶ F113676.dat
- ▶ query=q50390.p1
- ▶ precursor=803.984670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
E	1	1030.073	0.000	99.045	122.071	0.000	103.073	103.073	103.073	E
L	2	1080.073	0.000	99.045	122.071	0.000	103.073	103.073	103.073	L
N	3	1130.073	0.000	99.045	122.071	0.000	103.073	103.073	103.073	N
R	4	1180.073	0.000	99.045	122.071	0.000	103.073	103.073	103.073	R
L	5	1230.073	0.000	99.045	122.071	0.000	103.073	103.073	103.073	L
L	6	1280.073	0.000	99.045	122.071	0.000	103.073	103.073	103.073	L
G	7	1330.073	0.000	99.045	122.071	0.000	103.073	103.073	103.073	G
N	8	1380.073	0.000	99.045	122.071	0.000	103.073	103.073	103.073	N
V	9	1430.073	0.000	99.045	122.071	0.000	103.073	103.073	103.073	V
T	10	1480.073	540.345	539.853	562.856	354.342	551.850	700.345	1087.133	T
L	11	1530.073	590.347	589.855	612.858	404.344	601.852	750.347	1137.135	L
A	12	1580.073	640.349	639.857	662.860	454.346	651.854	800.349	1187.137	A
Q	13	1630.073	690.351	689.859	712.862	504.348	701.856	850.351	1237.139	Q
G	14	1680.073	740.353	739.861	762.864	554.350	751.858	900.353	1287.141	G
G	15	1730.073	790.355	789.863	812.866	604.352	801.860	950.355	1337.143	G
V	16	1780.073	840.357	839.865	862.868	654.354	851.862	1000.357	1387.145	V
L	17	1830.073	890.359	889.867	912.870	704.356	901.864	1050.359	1437.147	L
P	18	1880.073	940.361	939.869	962.872	754.358	951.866	1100.361	1487.149	P
L	19	1930.073	990.363	989.871	1012.874	804.360	1001.868	1150.363	1537.151	L
E	20	1980.073	1040.365	1039.873	1062.876	854.362	1051.870	1200.365	1587.153	E
A	21	2030.073	1090.367	1089.875	1112.878	904.364	1101.872	1250.367	1637.155	A
V	22	2080.073	1140.369	1139.877	1162.880	954.366	1151.874	1300.369	1687.157	V
L	23	2130.073	1190.371	1189.879	1212.882	1004.368	1201.876	1350.371	1737.159	L
L	24	2180.073	1240.373	1239.881	1262.884	1054.370	1251.878	1400.373	1787.161	L
L	25	2230.073	1290.375	1289.883	1312.886	1104.372	1301.880	1450.375	1837.163	L
P	26	2280.073	1340.377	1339.885	1362.888	1154.374	1351.882	1500.377	1887.165	P
L	27	2330.073	1390.379	1389.887	1412.890	1204.376	1401.884	1550.379	1937.167	L
R	28	2380.073	1440.381	1439.889	1462.892	1254.378	1451.886	1600.381	1987.169	R
T	29	2430.073	1490.383	1489.891	1512.894	1304.380	1501.888	1650.383	2037.171	T
E	30	2480.073	1540.385	1539.893	1562.896	1354.382	1551.890	1700.385	2087.173	E

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}_{28.03}VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=50.46
- ▶ F113676.dat
- ▶ query=q50390_p1
- ▶ precursor=803.984670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA											
E1	34	690	0.672	28	601	0.672	38	611	1071	503	1065.646	E1S1									
L1	72	580	0.672	66	581	0.672	76	613	1028	635	1022.632	L1S0									
K	110	599	104.721	104	395	110	730	114	655	113	727	660	261	688	205	104	637	K2S0			
K	113	589	107.447	107	594	108	629	116	613	116	629	952	255	104	255	104	619	K2S1			
L	136	702	105.110	104	703	100	123	104	646	104	120	812	228	044	553	804	225	L1S2			
L	6	278	407	227	311	227	481	217	618	232	143	211	613	872	533	046	858	866	530	L1S3	
G	7	247	404	241	310	241	480	226	624	231	150	226	627	834	839	230	161	828	530	G1S0	
K	9	239	520	233	521	233	507	303	102	302	94	973	817	819	125	819	125	K1S2			
V	9	132	608	136	603	136	533	141	600	136	515	135	607	783	709	738	114	757	786	V1S2	
T	110	598	241	592	595	592	232	376	572	384	697	269	599	730	787	726	593	724	743	T1S1	
I	113	603	608	609	609	610	611	609	602	607	204	937	884	937	884	937	884	937	884	I1S0	
A	123	637	635	631	630	635	631	636	647	631	621	630	643	659	714	653	714	653	714	A1S0	
Q	123	632	632	664	626	664	738	636	633	637	637	632	630	631	635	628	707	628	707	Q1S1	
Q	14	619	708	61	708	61	708	619	708	619	708	619	708	619	708	619	708	619	708	619	Q1S2
Q	15	598	595	592	590	592	592	597	607	593	593	591	603	574	617	566	542	566	542	Q1S3	
V	16	641	633	633	640	633	633	644	639	644	639	555	610	549	120	549	610	V1S3			
L	17	735	717	729	720	729	720	736	724	582	689	582	661	525	707	516	512	525	704	L1S4	
P	18	611	384	629	612	629	384	612	613	614	619	629	612	613	614	619	629	612	613	614	P1S3
N	18	649	588	643	721	643	588	654	730	653	654	652	730	653	647	446	260	446	260	N1S2	
I	20	597	593	591	611	591	599	696	424	690	420	611	611	611	611	611	611	611	611	611	I1S1
Q	21	728	779	728	779	728	779	736	116	733	115	733	115	733	115	733	115	733	115	Q1S0	
A	22	753	608	747	742	747	454	762	790	757	114	756	786	753	545	527	671	527	643	A1S1	
V	23	786	481	786	481	786	477	785	612	790	137	785	612	785	612	785	612	785	612	V1S1	
L	24	714	717	818	500	818	172	713	603	717	602	716	603	717	602	716	603	717	602	L1S1	
L	25	714	612	714	612	714	612	716	608	716	608	716	608	716	608	716	608	716	608	L1S2	
P	26	884	221	884	221	884	211	903	553	897	877	897	546	891	451	106	106	106	451	P1S1	
K	27	676	659	681	264	680	654	696	251	695	276	694	276	694	276	694	276	694	276	694	K1S0
K	28	673	613	673	613	673	613	675	614	982	546	675	614	675	614	675	614	675	614	K1S1	
T	29	1011	500	1007	493	1007	493	1012	492	1016	506	1016	628	1015	492	1015	492	1015	492	T1S2	
E	30	1006	511	1003	504	1003	504	1009	511	1009	504	1009	504	1009	504	1009	504	1009	504	E1S1	

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=93.50
- ▶ F113676.dat
- ▶ query=q50391.p1
- ▶ precursor=803.984670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
E	1	147.676	3212.934	3196.916	0.000	3195.908	E	30
L	2	260.160	3063.892	3067.873	0.000	3066.865	L	29
R	3	374.373	2910.869	2954.789	2955.797	2953.781	R	28
K	4	502.798	2856.765	2860.746	2861.754	2859.738	K	27
L	5	615.382	2728.670	2712.651	2713.659	2711.643	L	26
L	6	728.466	2615.586	2599.569	2600.575	2598.559	L	25
G	7	785.488	2502.502	2486.483	2487.491	2485.475	G	24
K	8	941.614	2445.480	2429.462	2430.469	2428.454	K	23
V	9	1048.683	2389.364	2373.355	2374.363	2372.347	V	22
I	10	1141.730	2190.286	2174.267	2175.276	2173.259	I	21
I	11	1254.814	2089.238	2073.219	2074.227	2072.211	I	20
A	12	1325.851	1978.154	1962.135	1963.143	1961.127	A	19
Q	13	1453.910	1905.117	1889.098	1890.106	1888.090	Q	18
G	14	1510.932	1777.058	1761.039	1762.047	1760.032	G	17
G	15	1627.853	1730.031	1704.018	1705.026	1703.010	G	16
V	16	1667.021	1583.015	1548.997	1549.004	1547.989	V	15
L	17	1780.105	1563.947	1547.928	1548.936	1546.920	L	14
P	18	1877.158	1450.863	1434.844	1435.852	1433.836	P	13
N	19	1991.201	1353.810	1337.791	1338.799	1336.783	N	12
I	20	2104.285	1239.767	1223.748	1224.756	1222.741	I	11
Q	21	2232.344	1136.682	1118.664	1119.672	1109.656	Q	10
A	22	2303.391	998.624	982.606	983.614	981.598	A	9
V	23	2402.449	927.587	911.569	912.576	910.560	V	8
L	24	2515.533	828.519	812.500	813.508	811.492	L	7
L	25	3028.617	715.435	699.416	700.424	698.408	L	6
P	26	2725.670	602.351	586.332	587.340	585.324	P	5
K	27	2853.765	505.299	489.279	490.287	488.271	K	4
R	28	2883.886	377.262	361.184	362.192	360.176	R	3
T	29	3082.908	249.188	233.099	234.097	232.082	T	2
E	30	3211.950	148.060	132.042	133.050	131.034	E	1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=93.50
- ▶ F113676.dat
- ▶ query=q50391.p1
- ▶ precursor=803.984670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
E 1	74.042	1606.971	1598.962	0.504	459.456	E 30
L 2	130.504	1542.456	1534.440	0.504	453.930	L 29
N 3	187.605	1485.908	1477.898	1478.402	1477.394	N 28
K 4	251.653	1428.869	1420.877	1421.381	1420.373	K 27
L 5	308.195	1364.835	1356.829	1357.333	1356.329	L 26
L 6	364.737	1308.287	1300.287	1300.791	1299.783	L 25
G 7	391.240	1251.735	1243.745	1244.249	1243.241	G 24
K 8	471.311	1223.244	1215.234	1215.738	1214.731	K 23
V 9	520.845	1145.181	1147.183	1137.679	1138.667	V 22
T 10	573.369	1095.646	1087.637	1088.141	1087.133	T 21
I 11	627.911	1045.123	1037.113	1037.617	1036.602	I 20
A 12	683.429	988.581	980.571	981.075	980.067	A 19
Q 13	727.459	933.063	945.053	945.557	944.540	Q 18
G 14	755.969	889.633	881.623	881.527	880.519	G 17
C 15	784.460	860.522	852.513	853.017	852.009	C 16
V 16	834.014	812.014	824.002	824.506	823.497	V 15
L 17	890.556	782.477	774.468	774.972	773.964	L 14
F 18	939.083	725.935	717.926	718.430	717.422	F 13
N 19	996.104	677.409	669.399	669.903	668.895	N 12
I 20	1052.646	620.387	612.378	612.882	611.874	I 11
Q 21	1116.676	563.848	565.838	556.348	555.339	Q 10
A 22	1152.194	499.810	491.801	492.310	491.301	A 9
V 23	1201.728	464.297	456.288	456.792	455.784	V 8
L 24	1258.270	414.763	406.754	407.258	406.250	L 7
L 25	1314.812	358.221	350.212	350.716	349.708	L 6
T 26	1363.339	301.679	293.670	294.174	293.166	T 5
K 27	1427.386	253.153	245.143	245.647	244.639	K 4
K 28	1491.434	189.105	181.096	181.600	180.592	K 3
T 29	1541.958	125.058	117.048	117.552	116.544	T 2
E 30	1606.479	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

ELNKLKLGK^{Dimethyl}VTIAQGGVLPNIQAVLLPKKTE
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=93.50
- ▶ F113676.dat
- ▶ query=q50391.p1
- ▶ precursor=803.984670
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA			
E	1	49.697	1071.650	1066.310	0.672	1065.974	E	30	
L	2	87.302	1028.635		1023.296	0.672	1022.960	L	29
TW	3	125.806	999.941	993.001	988.937		989.265	TW	28
K	4	168.104	952.926	947.587	947.923	947.251		K	27
L	5	205.799	910.228	904.889	905.225	904.551		L	26
L	6	243.494	872.531	867.194	867.530	866.858		L	25
G	7	282.501	834.839	829.499	829.835	829.161		G	24
K	8	314.543	815.832	810.492	810.828	810.150		K	23
V	9	347.566	783.780	778.450	778.786	778.114		V	22
T	10	381.248	730.767	725.427	725.763	725.091		T	21
I	11	418.943	697.054	691.745	692.081	691.409		I	20
A	12	442.622	658.389	654.050	654.386	653.714		A	19
Q	13	485.308	635.710	630.371	630.707	630.035		Q	18
G	14	504.315	593.024	587.685	588.021	587.349		G	17
G	15	523.223	574.017	568.678	569.013	568.342		G	16
V	16	559.345	535.010	549.670	550.006	549.334		V	15
L	17	594.040	523.957	518.648	518.984	518.312		L	14
P	18	626.391	484.292	478.953	479.289	478.617		P	13
N	19	664.405	451.942	446.602	446.938	446.266		N	12
I	20	702.100	413.927	408.588	408.924	408.252		I	11
Q	21	744.786	376.233	370.893	371.229	370.557		Q	10
A	22	788.465	333.548	328.207	328.543	327.871		A	9
V	23	801.488	309.897	304.526	304.864	304.192		V	8
L	24	838.183	276.844	271.505	271.841	271.169		L	7
L	25	876.877	239.150	233.810	234.146	233.474		L	6
P	26	909.228	201.455	196.116	196.451	195.780		P	5
K	27	951.927	169.104	163.765	164.101	163.429		K	4
K	28	994.625	128.408	121.096	121.462	120.750		K	3
T	29	1028.307	83.709	78.368	78.704	78.032		T	2
E	30	1071.322	50.625	44.685	45.021	44.349		E	1

sp | P68433 | H31_MOUSE

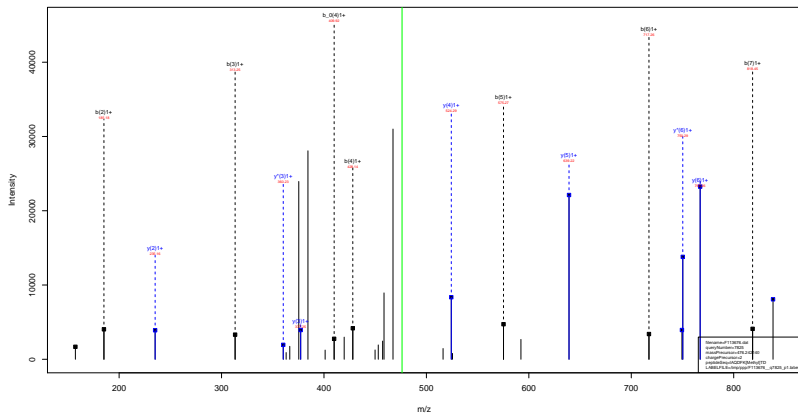
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=31.47
- ▶ F113676.dat
- ▶ query=q7823_p1
- ▶ precursor=476.241650
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
T 1	46.998	0.000	0.000	114.098	0.000	0.000	951.416	109.456	113.968	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.354	821.356	820.384	A 2
Q 3	285.192	285.188	0.000	313.187	296.169	0.000	767.357	750.330	749.348	Q 3
G 4	400.219	393.193	362.208	478.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	540.261	529.277	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	689.356	672.332	671.368	717.363	700.366	699.382	377.263	360.177	359.193	R 6
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	237.082	T 7
G 8	905.473	888.449	887.462	933.468	916.441	915.457	134.040	0.000	136.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK ^{Methyl}TD
14.02



sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=63.01
- ▶ F113676.dat
- ▶ query=q7825_p1
- ▶ precursor=476.242140
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA
T 1	88.098	0.000	0.000	114.191	0.000	0.000	95.419	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.304	0.000	0.000	A 2
Q 3	285.192	286.186	0.000	313.187	286.186	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	383.193	382.200	438.214	411.187	410.203	639.298	622.272	621.288	D 4
F 5	547.287	530.261	529.271	575.282	558.256	557.272	524.271	507.245	506.261	F 5
H 6	689.356	672.332	671.342	717.363	700.366	699.332	377.303	360.177	359.193	H 6
I 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	I 7
G 8	905.473	888.448	887.462	913.468	916.441	915.457	138.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

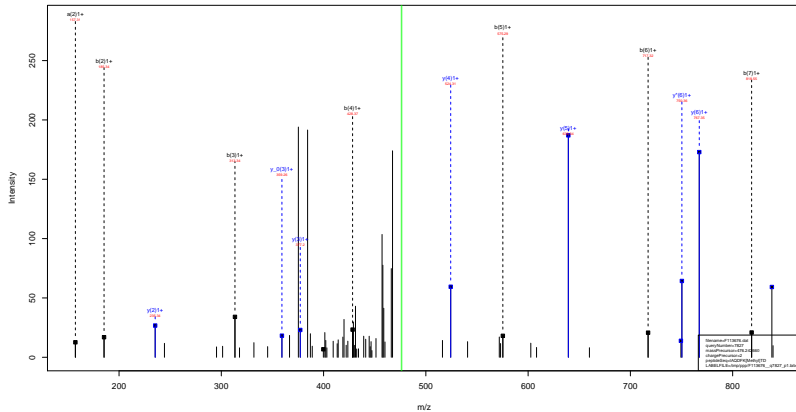
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.30
- ▶ F113676.dat
- ▶ query=q7826_p1
- ▶ precursor=476.242140
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
K 6	734.420	377.203	361.184	362.192	360.177	K 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02

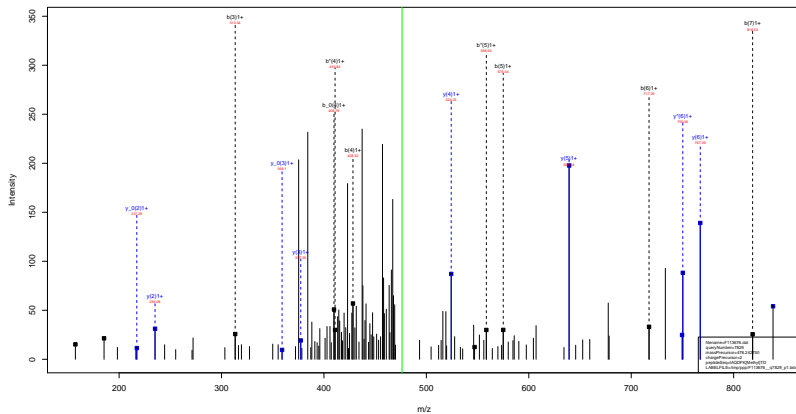


sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.86
- ▶ F113676.dat
- ▶ query=q7827_p1
- ▶ precursor=476.242660
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
T 1	86.098	0.000	0.000	116.203	0.000	0.000	361.417	339.456	22.960	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.304	821.398	16.906	A 2
Q 3	298.197	268.139	-0.000	313.187	298.169	-0.000	767.357	750.330	17.026	Q 3
D 4	400.219	383.103	18.000	428.214	411.107	17.000	639.298	622.272	17.026	D 4
F 5	547.287	530.261	17.000	575.282	558.256	17.000	534.274	507.248	27.026	F 5
R 6	695.356	677.330	18.000	717.351	700.325	17.000	377.203	360.177	17.026	R 6
T 7	790.440	773.414	17.000	818.441	801.414	17.000	235.092	0.000	217.092	T 7
D 8	905.472	888.446	17.000	933.468	916.441	17.000	138.040	0.000	116.034	D 8



sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=36.91
- ▶ F113676.dat
- ▶ query=q7829_p1
- ▶ precursor=476.242750
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
T 1	46.098	0.000	0.000	114.098	0.000	0.000	901.416	109.404	114.098	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.384	821.360	820.384	A 2
Q 3	286.192	286.186	0.000	313.187	296.160	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	362.209	428.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	540.261	529.277	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	659.269	652.243	641.259	677.263	660.237	659.253	377.263	360.237	359.193	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.446	887.462	933.468	916.441	915.457	134.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=48.56
- ▶ F113676.dat
- ▶ query=q7831_p1
- ▶ precursor=476.243020
- ▶ chargePrecursor=2
- ▶ itol=0.5

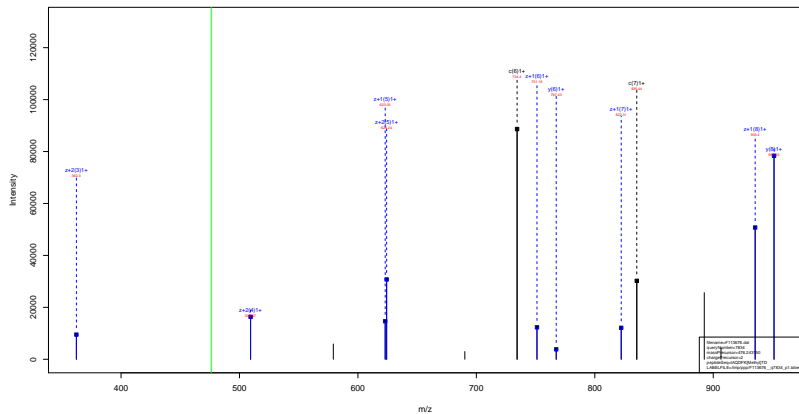
AA	a	a*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
T 1	46398	0.000	0.000	114.090	0.000	0.000	901.414	109.450	113.969	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.354	821.390	630.384	A 2
Q 3	286.192	286.189	0.000	313.187	296.160	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	362.209	428.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	540.261	529.277	575.282	558.256	557.272	524.271	500.245	498.251	F 5
R 6	689.356	672.332	671.366	717.363	700.369	697.362	377.263	360.177	359.193	R 6
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	227.082	T 7
G 8	905.473	888.449	887.462	933.468	916.441	915.457	134.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=62.94
- ▶ F113676.dat
- ▶ query=q7833_p1
- ▶ precursor=476.243150
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a [*]	a,β	b	b [*]	b,β	γ	γ [*]	γ,β	AA
T 1	88.098	0.000	0.000	114.191	0.000	0.000	361.419	319.464	223.468	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.304	821.362	462.584	A 2
Q 3	285.192	286.186	0.000	313.187	296.180	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	393.193	382.209	428.214	411.197	0.000	410.203	639.298	622.272	D 4
F 5	547.287	540.261	529.271	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	689.356	672.372	673.368	717.363	700.366	699.362	377.303	360.377	359.193	R 6
T 7	790.446	773.439	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.449	887.462	913.468	916.441	915.437	138.040	0.000	116.034	G 8



sp | P68433 | H31_MOUSE

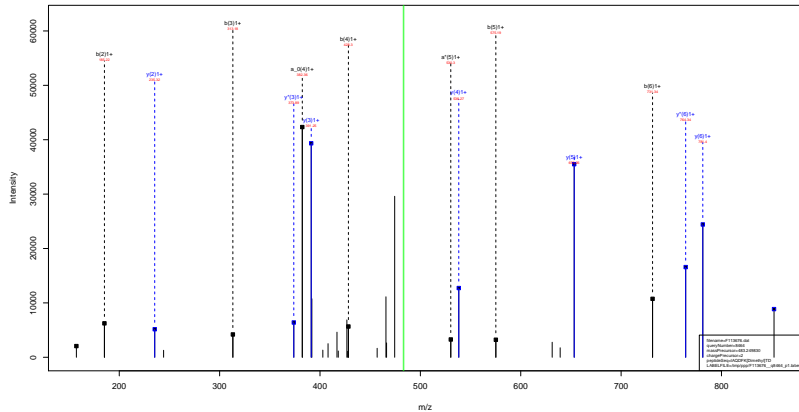
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.28
- ▶ F113676.dat
- ▶ query=q7834.p1
- ▶ precursor=476.243150
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
K 6	734.420	377.203	361.184	362.192	360.177	K 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=55.82
- ▶ F113676.dat
- ▶ query=q8464_p1
- ▶ precursor=483.249830
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a.0	b	b*	b.0	y	y*	y.0	AA
T 1	86.998	0.000	0.000	124.000	0.000	0.000	483.249	483.249	483.249	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	852.410	852.410	852.410	A 2
Q 3	285.192	268.566	0.000	313.187	296.560	0.000	781.373	764.346	763.962	Q 3
D 4	400.219	383.393	382.208	428.214	411.187	410.203	653.314	650.280	635.304	D 4
F 5	547.287	538.261	529.277	575.282	558.256	557.272	538.287	540.293	520.277	F 5
R 6	703.434	686.397	676.403	731.469	714.362	713.368	301.219	374.192	373.206	R 6
T 7	804.461	787.435	786.451	850.456	833.430	834.446	235.092	0.000	217.082	T 7
D 8	919.488	902.462	891.478	947.483	930.457	929.473	134.060	0.000	116.034	D 8

sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.20
- ▶ F113676.dat
- ▶ query=q8465_p1
- ▶ precursor=483.249830
- ▶ chargePrecursor=2
- ▶ itol=0.5

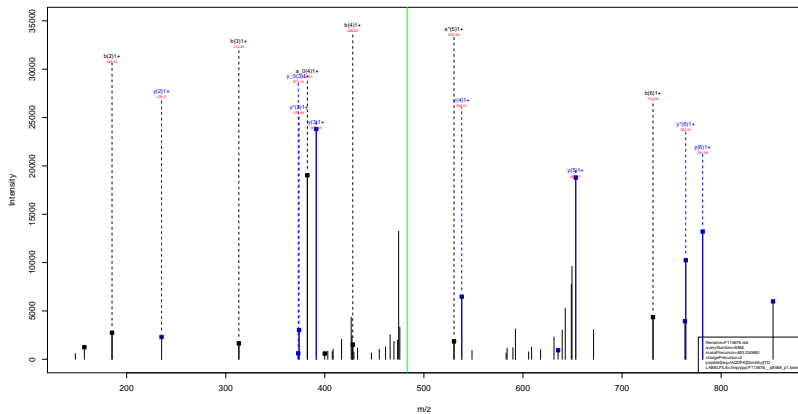
AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
K 6	748.435	391.219	375.200	376.208	374.192	K 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.79
- ▶ F113676.dat
- ▶ query=q8466_p1
- ▶ precursor=483.250420
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:0	b	b*	b:0	y	y*	y:0	AA
T 1	483.250	0.000	0.000	114.181	0.000	0.000	483.250	444.462	247.481	T0
A 2	157.134	0.000	0.000	185.128	0.000	0.000	652.410	635.261	634.391	A 7
Q 3	285.192	288.166	0.000	313.187	296.160	0.000	781.373	764.346	763.362	Q 6
D 4	400.219	383.193	387.208	428.214	411.187	431.203	653.314	636.288	635.314	D 5
F 5	547.287	536.261	530.237	575.262	558.236	557.232	538.287	521.261	520.237	F 4
R 6	703.414	686.388	679.363	731.400	714.374	713.366	301.219	374.192	373.208	R 3
T 7	854.461	787.435	786.451	832.458	815.432	814.446	235.092	0.000	237.062	T 2
D 8	919.488	902.462	895.436	947.463	930.437	929.473	134.640	0.000	136.634	D 9



sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=53.87
- ▶ F113676.dat
- ▶ query=q8468_p1
- ▶ precursor=483.250660
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
T 1	46.998	0.000	0.000	124.998	0.000	0.000	483.251	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	852.410	0.000	0.000	A 2
Q 3	286.192	286.192	0.000	313.187	286.192	0.000	781.373	764.346	763.362	Q 3
G 4	400.219	400.219	382.208	428.214	411.187	430.203	653.314	659.289	635.304	G 4
F 5	547.287	536.261	545.277	515.282	536.256	557.272	538.287	532.261	538.277	F 5
R 6	713.414	699.403	699.403	731.409	714.382	713.388	391.219	374.192	373.208	R 6
T 7	804.461	797.435	796.451	852.459	815.430	814.446	235.092	0.000	237.082	T 7
G 8	916.488	902.482	901.478	947.483	930.457	929.473	134.040	0.000	136.034	G 8

sp | P68433 | H31_MOUSE

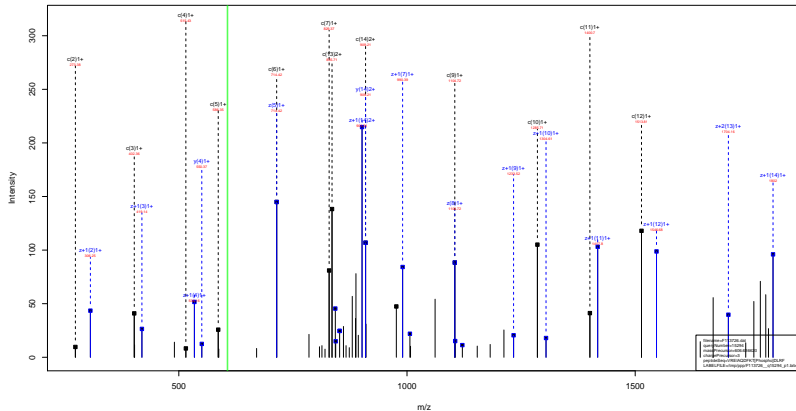
IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.71
- ▶ F113676.dat
- ▶ query=q8469_p1
- ▶ precursor=483.250660
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
R 6	748.435	901.219	375.200	376.208	374.192	R 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

VREIAQDFKT Phospho DLRF
79.97



sp | P68433 | H31_MOUSE

VREIAQDFKT^{Phospho}DLRF
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=72.59
- ▶ F113726.dat
- ▶ query=q15294_p1
- ▶ precursor=606.636620
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
V[1]	117.100	1817.995	1801.876	0.000	1900.860	V[14]
R[2]	273.203	1718.826	1702.807	1703.815	1701.800	R[13]
E[3]	402.246	1562.725	1548.706	1547.714	1545.690	E[12]
T[4]	515.330	1433.662	1417.664	1418.672	1416.660	T[11]
A[5]	586.367	1320.598	1304.580	1305.587	1303.572	A[10]
Q[6]	714.426	1249.561	1233.543	1234.550	1232.535	Q[0]
D[7]	829.453	1121.503	1105.484	1106.492	1104.476	D[8]
F[8]	976.521	1006.476	990.457	991.465	989.449	F[7]
K[9]	1104.616	859.407	843.389	844.396	842.381	K[6]
Y[10]	1285.630	731.312	715.294	716.301	714.286	Y[5]
D[11]	1400.657	550.298	534.280	535.287	533.272	D[4]
L[12]	1513.741	435.271	419.253	420.261	418.245	L[3]
R[13]	1699.842	322.187	306.169	307.176	305.161	R[2]
F[14]	1818.911	186.086	180.068	181.075	180.060	F[1]

sp | P68433 | H31_MOUSE

VREIAQDFKT ^{Phospho} DLRF
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=72.59
- ▶ F113726.dat
- ▶ query=q15294.p1
- ▶ precursor=606.636620
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
V [1]	59.055	909.451	901.442	0.904	900.938	V [14]
R [2]	137.105	859.917	851.907	852.411	851.403	R [13]
E [3]	201.627	781.866	773.857	774.361	773.353	E [12]
I [4]	258.169	717.345	709.336	709.839	708.832	I [11]
A [5]	293.687	660.803	652.793	653.297	652.290	A [10]
Q [6]	357.716	625.284	617.275	617.779	616.771	Q [9]
D [7]	415.230	561.255	553.246	553.750	552.742	D [8]
F [8]	488.764	503.742	495.732	495.236	495.238	F [7]
K [9]	552.812	430.207	422.198	422.702	421.694	K [6]
T [10]	643.319	366.166	358.156	358.654	357.647	T [5]
D [11]	700.832	275.653	267.643	268.147	267.140	D [4]
L [12]	757.374	218.130	210.130	210.634	209.626	L [3]
R [13]	835.425	161.597	153.588	154.092	153.084	R [2]
F [14]	908.959	83.547	75.537	76.041	75.033	F [1]

sp | P68433 | H31_MOUSE

DT^{Phospho} 79.97 NLCAIHAKRVTIMPKDIQLARRIRGE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.57
- ▶ F113851.dat
- ▶ query=q50741_p1
- ▶ precursor=660.550520
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
D	11	133.061	3798.739	3282.720	0.000	3281.712	D ²⁸
T	3	314.075	3183.712	3167.693	0.000	3166.685	T ²⁷
N	3	438.118	3302.698	3286.679	2997.667	3285.671	N ²⁶
L	4	541.202	2898.655	2872.636	2873.644	2871.628	L ²⁵
C	5	644.211	2775.571	2759.552	2760.560	2758.544	C ²⁴
A	6	715.248	2672.562	2656.543	2657.551	2655.535	A ²³
I	7	828.132	2601.525	2585.506	2586.514	2584.488	I ²²
H	8	955.201	2488.441	2472.422	2473.430	2471.414	H ²¹
A	9	1036.628	2351.382	2335.363	2336.371	2334.355	A ²⁰
K	10	1164.523	2280.345	2264.326	2265.334	2263.318	K ¹⁹
R	11	1320.624	2152.250	2136.231	2137.239	2135.223	R ¹⁸
V	12	1419.663	1996.148	1980.130	1981.138	1979.122	V ¹⁷
T	13	1538.740	1897.080	1881.061	1882.069	1880.053	T ¹⁶
L	14	1633.824	1796.032	1780.013	1781.021	1779.005	L ¹⁵
M	15	1764.895	1682.048	1666.930	1667.937	1665.922	M ¹⁴
F	16	1861.918	1551.968	1535.889	1536.897	1534.881	F ¹³
K	17	1990.013	1454.855	1438.836	1439.844	1437.828	K ¹²
D	18	2105.040	1326.760	1310.741	1311.749	1309.734	D ¹¹
I	19	2218.234	1211.733	1195.714	1196.722	1194.707	I ¹⁰
Q	20	2346.182	1098.649	1082.630	1083.638	1081.623	Q ⁹
L	21	2459.266	970.590	954.572	955.580	953.564	L ⁸
A	22	2530.303	857.506	841.488	842.496	840.480	A ⁷
R	23	2686.404	786.469	770.451	771.458	769.443	R ⁶
K	24	2872.506	630.368	614.360	615.367	613.342	K ⁵
L	25	2955.599	474.267	458.248	459.256	457.241	L ⁴
R	26	3111.691	361.183	345.164	346.172	344.156	R ³
G	27	3168.712	205.082	189.063	190.071	188.055	G ²
E	28	3297.725	148.060	132.042	133.050	131.034	E ¹

sp | P68433 | H31_MOUSE

DT^{Phospho} 79.97 NLCAIHAKRVTIMPKDIQLARRIRGE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.57
- ▶ F113851.dat
- ▶ query=q50741_p1
- ▶ precursor=660.550520
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z=1	z=2	z	AA
D[1]	67.634	1640.672	1041.884	0.504	1641.360	D[26]
T[2]	157.541	1302.360	1584.350	0.504	1303.846	T[27]
N[3]	-214.562	1501.853	1493.643	1494.347	1493.330	N[20]
L[4]	271.105	1444.831	1436.823	1437.326	1436.318	L[25]
C[5]	322.609	1388.269	1380.260	1380.764	1379.776	C[24]
A[6]	358.120	1330.784	1328.775	1329.279	1328.271	A[23]
I[7]	414.670	1301.266	1293.257	1293.760	1292.751	I[22]
R[8]	483.109	1284.724	1278.715	1279.218	1278.211	R[21]
A[9]	518.718	1176.194	1168.185	1168.689	1167.681	A[20]
K[10]	582.765	1140.676	1132.667	1133.170	1132.163	K[19]
R[11]	660.816	1076.628	1068.619	1069.123	1068.115	R[18]
V[12]	710.350	908.576	990.568	991.072	990.065	V[17]
T[13]	768.874	849.044	841.037	841.539	840.530	T[16]
L[14]	817.416	890.520	890.510	891.014	890.005	L[15]
M[15]	882.936	841.975	833.968	834.472	833.464	M[14]
F[16]	931.462	776.458	768.448	768.952	767.944	F[13]
K[17]	995.510	727.931	719.922	720.426	719.418	K[12]
D[18]	1051.923	663.884	655.874	656.378	655.370	D[11]
I[19]	1109.565	608.242	598.361	598.865	597.857	I[10]
Q[20]	1173.595	549.626	541.819	542.323	541.315	Q[9]
L[21]	1230.137	485.799	477.790	478.293	477.285	L[8]
A[22]	1265.655	428.257	421.247	421.751	420.744	A[7]
R[23]	1343.706	393.738	385.729	386.233	385.225	R[6]
R[24]	1421.756	315.688	307.678	308.182	307.174	R[5]
T[25]	1478.296	237.037	229.028	229.532	228.524	T[4]
R[26]	1556.349	181.095	173.086	173.590	172.582	R[3]
G[27]	1584.860	103.045	95.035	95.539	94.531	G[2]
E[28]	1649.381	74.534	66.524	67.028	66.021	E[1]

sp | P68433 | H31_MOUSE

DT^{Phospho} 79.97 NLCAIHAKRVTIMPKDIQLARRIRGE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=35.57
- ▶ F113851.dat
- ▶ query=q50741.p1
- ▶ precursor=660.550520
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[2]	45.025	1100.251	1094.911	0.672	1094.576	D[28]
T[2]	105.163	1061.909	1056.569	0.672	1056.233	T[27]
N[3]	143.377	1001.571	996.231	0.96567	995.895	N[26]
L[4]	181.072	963.557	956.217	0.95853	957.881	L[25]
C[5]	215.409	925.802	920.522	0.920858	920.186	C[24]
A[6]	239.088	891.525	886.196	0.896222	885.850	A[23]
T[7]	278.782	867.848	862.527	0.62843	862.171	T[22]
H[8]	322.469	830.152	824.812	825.148	824.476	H[21]
A[9]	346.148	784.465	778.126	779.462	778.790	A[20]
K[10]	388.846	760.786	755.447	755.783	755.111	K[19]
R[11]	440.680	718.080	712.748	713.084	712.413	R[18]
V[12]	473.902	666.054	660.715	661.051	660.379	V[17]
T[13]	507.585	613.032	627.692	628.028	627.356	T[16]
I[14]	545.280	599.349	594.009	594.346	593.673	I[15]
M[15]	588.965	561.054	556.315	556.651	555.979	M[14]
P[16]	621.111	517.974	512.635	512.970	512.299	P[13]
K[17]	664.009	485.623	480.284	480.620	479.948	K[12]
D[18]	702.151	442.925	437.585	437.921	437.249	D[11]
I[19]	740.040	404.583	399.243	399.579	398.907	I[10]
Q[20]	782.732	366.888	361.548	361.884	361.212	Q[0]
L[21]	830.427	324.202	318.862	319.198	318.526	L[0]
A[22]	844.106	286.507	281.167	281.503	280.831	A[7]
R[23]	896.140	262.820	257.480	257.824	257.152	R[0]
R[24]	948.173	210.794	205.455	205.791	205.119	R[5]
I[25]	985.868	158.761	153.421	153.757	153.085	I[4]
R[26]	1037.902	121.060	115.720	116.062	115.390	R[3]
Q[27]	1056.909	69.812	63.063	64.020	63.357	Q[2]
E[28]	1099.923	30.020	44.683	45.021	44.349	E[1]

sp | P68433 | H31_MOUSE

DT^{Phospho} 79.97 NLCAIHAKRVTIMPKDIQLARRIRGE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=35.57
- ▶ F113851.dat
- ▶ query=q50741.p1
- ▶ precursor=660.550520
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
D[1]	34.021	825.440	821.435	0.755	821.184	D[28]
T[2]	79.274	796.685	792.679	0.755	792.427	T[27]
N[3]	107.785	751.430	747.425	747.677	747.173	N[26]
L[4]	136.056	722.919	718.915	719.166	718.663	L[25]
C[5]	161.208	694.643	690.643	690.895	690.392	C[24]
A[6]	179.567	666.996	664.891	665.143	664.639	A[23]
I[7]	207.238	651.137	647.132	647.384	646.880	I[22]
H[8]	242.103	622.866	618.861	619.113	618.609	H[21]
A[9]	259.802	588.601	584.596	584.848	584.344	A[20]
K[10]	291.886	570.847	566.839	567.090	566.585	K[19]
R[11]	330.912	538.818	534.813	535.065	534.561	R[18]
V[12]	355.679	499.793	495.788	496.040	495.536	V[17]
T[13]	380.941	475.025	471.021	471.273	470.769	T[16]
I[14]	409.212	449.764	445.759	446.011	445.507	I[15]
M[15]	441.972	421.493	417.488	417.740	417.236	M[14]
P[16]	466.235	388.752	384.728	384.980	384.476	P[13]
K[17]	498.250	364.469	360.465	360.716	360.213	K[12]
D[18]	527.015	332.445	328.441	328.693	328.189	D[11]
I[19]	555.286	303.689	299.684	299.936	299.432	I[10]
Q[20]	587.301	275.418	271.413	271.665	271.161	Q[9]
L[21]	615.572	243.403	239.398	239.650	239.146	L[8]
A[22]	633.331	215.132	211.127	211.379	210.875	A[7]
K[23]	672.357	197.373	193.368	193.620	193.116	K[6]
R[24]	711.382	158.349	154.343	154.595	154.091	R[5]
L[25]	739.653	119.322	115.318	115.570	115.066	L[4]
R[26]	778.678	91.051	87.047	87.298	86.795	R[3]
G[27]	792.934	52.026	48.021	48.273	47.769	G[2]
E[28]	825.194	37.771	33.766	34.018	33.514	E[1]

sp | P84244 | H33_MOUSE

IAQDFK^{Methyl} TDLRFQSAAGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=50.81
- ▶ F113873.dat
- ▶ query=q43865_p1
- ▶ precursor=779.413030
- ▶ chargePrecursor=3
- ▶ itol=0.5

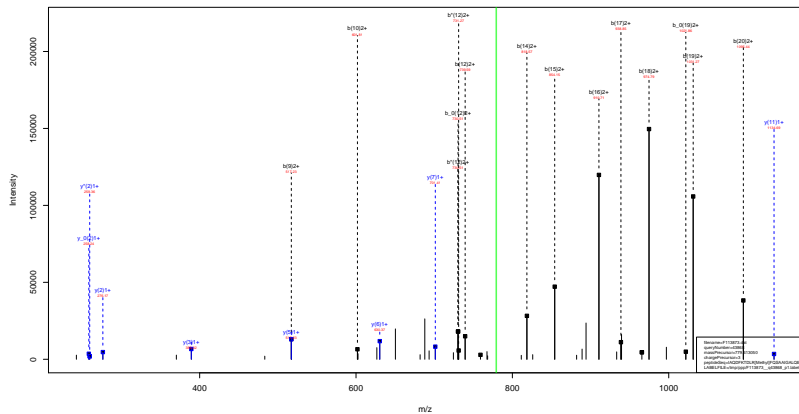
AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
I(3)	86.808	0.000	0.000	114.080	0.000	0.000	2136.220	2113.108	2118.924	I(2)
A(2)	637.134	0.000	0.000	189.120	0.000	0.000	2223.140	2206.114	2209.130	A(20)
Q(3)	326.162	388.384	0.000	131.180	298.180	0.000	2132.204	2130.074	2134.004	Q(16)
D(4)	400.219	383.383	302.200	420.204	411.187	410.203	2024.050	2020.016	2026.014	D(10)
F(5)	847.087	836.201	526.272	579.261	508.268	457.272	1886.038	1884.994	1884.007	F(17)
K(6)	868.087	872.212	671.380	717.393	700.398	609.390	1741.040	1744.923	1743.039	K(16)
L(7)	706.446	713.419	722.420	915.441	881.444	804.440	1638.870	1660.812	1661.808	L(15)
D(8)	905.471	888.449	887.440	915.448	916.441	915.457	1516.751	1516.749	1509.741	D(14)
L(9)	1013.509	1001.520	1020.540	1046.552	1028.532	1019.544	1431.580	1436.580	1438.574	L(14)
R(10)	1174.608	1187.601	1186.604	1246.601	1188.606	1184.610	1280.604	1272.604	1272.600	R(12)
F(11)	1321.708	1304.700	1301.700	1340.720	1332.680	1331.711	1134.579	1117.550	1118.568	F(11)
Q(12)	1440.800	1432.800	1431.797	1477.800	1460.793	1459.800	887.511	878.504	880.500	Q(10)
S(13)	1536.817	1529.780	1518.800	1564.812	1547.785	1546.801	859.452	842.425	841.441	S(9)
A(14)	1697.854	1690.817	1689.841	1630.849	1618.844	1617.836	714.840	709.836	714.836	A(8)
A(15)	1816.861	1804.869	1800.861	1708.868	1688.869	1688.876	701.383	684.358	681.372	A(7)
I(16)	1791.876	1774.880	1771.880	1610.870	1602.844	1601.860	630.346	613.319	612.330	I(6)
G(17)	1848.887	1831.889	1828.888	1616.886	1608.889	1608.881	517.263	500.235	489.251	G(5)
A(18)	1900.904	1883.903	1882.923	1640.920	1631.902	1630.918	480.250	443.254	442.250	A(4)
L(19)	2033.916	1998.919	1995.916	1606.916	1604.908	1604.910	389.203	372.177	371.183	L(3)
Q(20)	2081.930	2044.928	2043.940	1600.934	1612.945	1611.931	376.110	259.092	258.108	Q(2)
D(21)	2096.939	2071.930	2070.930	1610.934	1603.937	1603.938	146.930		146.930	D(1)

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSAAILGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=50.81
- ▶ F113873.dat
- ▶ query=q43865_p1
- ▶ precursor=779.413030
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a_D	b	b'	b_D	y	y'	y_D	AA
R1	41.057	0.504	0.504	57.549	0.504	0.504	1168.818	1169.321	1169.811	R21
A1	79.070	0.504	0.504	93.060	0.504	0.504	1114.074	1114.578	1115.069	A20
G1	141.200	1.547	0.504	147.087	1.485	0.504	1079.503	1080.044	1080.530	G19
L1	206.513	2.061	1.020	214.811	2.059	0.504	1012.502	1013.011	1013.511	L18
F1	374.147	3.061	1.531	388.141	3.078	0.504	955.115	955.615	956.107	F17
K1	542.277	3.561	1.531	556.265	3.567	0.504	881.478	881.975	882.471	K16
T1	705.727	4.561	2.281	720.129	4.559	0.504	824.119	824.619	825.111	T15
D1	861.240	4.561	2.281	875.213	4.558	0.504	759.899	760.399	760.894	D14
L1	1027.782	5.561	2.777	1043.177	5.559	0.504	714.774	715.274	715.769	L13
M1	1187.318	6.561	3.016	1204.364	6.559	0.504	669.824	670.324	670.819	M12
P11	661.367	652.854	652.362	661.830	662.317	661.829	597.793	598.293	598.788	P11
Q12	725.396	716.489	716.391	726.394	726.880	726.386	541.267	541.767	542.264	Q10
S13	769.547	760.640	760.542	770.538	771.025	770.536	498.232	498.732	499.224	S10
A14	804.611	795.617	795.613	814.620	815.115	814.623	451.111	451.611	452.107	A9
A15	839.649	831.659	830.644	851.647	852.141	851.641	404.041	404.541	405.035	A8
I16	896.491	887.515	887.490	916.489	917.075	916.493	353.816	354.316	354.811	I6
G17	955.966	946.989	946.991	975.997	976.593	976.005	303.134	303.634	304.129	G6
A18	990.521	982.529	982.511	1014.518	1015.005	1014.513	253.224	253.724	254.219	A4
L19	1017.063	1009.049	1009.050	1047.050	1047.537	1047.054	203.105	203.605	204.100	L3
G20	1084.084	1076.070	1076.070	1095.069	1095.578	1095.084	153.041	153.541	154.036	G3
Q21	1145.613	1137.603	1137.603	1156.601	1157.091	1156.605	103.004	103.504	104.000	Q1



sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=56.15
- ▶ F113873.dat
- ▶ query=q43868_p1
- ▶ precursor=779.413050
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,β	b	b'	b,β	y	y'	y,β	AA
I(3)	86.898	0.000	0.000	114.091	0.000	0.000	218.220	218.220	218.224	I(2)
A(2)	137.134	0.000	0.000	185.129	0.000	0.000	223.140	223.144	223.130	A(26)
Q(3)	226.162	388.384	0.000	213.287	398.150	0.000	242.231	242.207	242.168	Q(18)
D(4)	400.219	383.383	382.200	428.924	411.187	410.200	454.953	454.933	454.919	D(16)
F(5)	647.287	536.261	528.272	578.262	558.258	557.277	589.038	589.038	589.037	F(17)
K(6)	875.382	670.264	667.272	703.277	686.261	685.280	718.043	718.023	718.039	K(16)
T(7)	119.438	718.404	704.420	804.429	787.368	786.413	828.894	828.828	828.844	T(15)
D(8)	391.457	374.433	373.448	409.462	392.426	391.441	412.852	412.785	412.736	D(14)
L(9)	184.541	467.533	466.532	502.536	481.528	481.528	512.528	512.528	512.528	L(13)
R(10)	1174.618	1187.617	1186.641	1202.619	1188.618	1187.641	1208.618	1208.618	1208.618	R(2)
F(11)	1321.708	1324.708	1323.720	1348.721	1332.695	1331.721	1134.579	1117.555	1118.568	F(11)
Q(12)	1443.692	1442.691	1441.720	1477.693	1460.653	1459.691	1487.651	1487.651	1487.650	Q(12)
S(13)	1536.617	1529.609	1518.600	1564.612	1547.595	1546.610	1563.602	1562.626	1561.641	S(9)
A(14)	1099.694	1099.694	1099.694	1102.694	1101.692	1101.692	1104.692	1104.692	1104.692	A(14)
A(15)	1812.691	1804.689	1800.681	1806.686	1789.659	1788.679	701.383	684.358	684.372	A(1)
I(16)	1791.678	1774.669	1771.660	1810.670	1802.644	1801.660	630.346	613.319	612.335	I(6)
G(17)	1848.667	1831.658	1828.660	1878.662	1870.635	1869.651	517.292	500.259	499.275	G(8)
A(18)	1300.694	1293.693	1292.621	1348.629	1331.602	1330.618	1450.613	1443.254	1442.270	A(4)
L(19)	2033.618	2028.691	2025.691	2061.611	2044.686	2043.610	389.293	372.273	371.180	L(8)
Q(20)	2081.616	2144.628	2143.650	2189.631	2172.645	2171.661	276.119	259.892	258.108	Q(2)
D(21)	2296.619	2271.623	2270.200	2318.624	2301.618	2300.200	2320.618	2320.618	2320.618	D(1)

sp | P84244 | H33_MOUSE

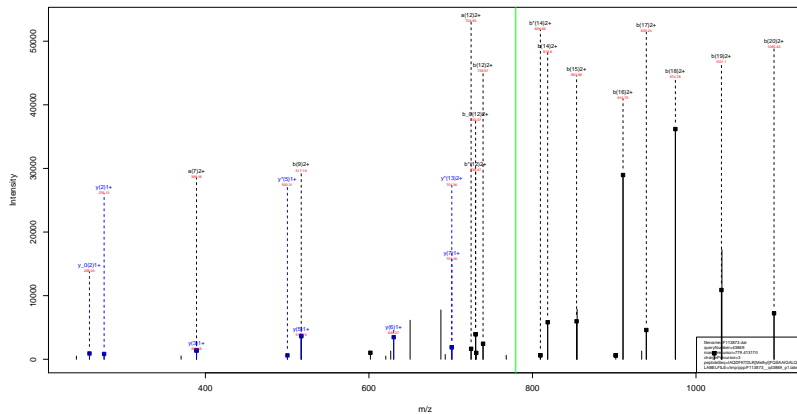
IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=56.15
- ▶ F113873.dat
- ▶ query=q43868.p1
- ▶ precursor=779.413050
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
H	41	552	0.559	0.504	57.945	0.504	0.504	1148.010	1160.010	1160.011	H23
A	2	75	0.509	0.504	69.059	0.504	0.504	1142.204	1150.504	1150.509	A25
Q	3	143	0.509	0.504	132.064	0.504	0.504	1075.500	1088.004	1088.004	Q10
E	4	208	0.512	0.509	195.069	0.509	0.509	1012.200	1026.012	1026.012	E10
F	5	274	0.447	0.511	268.144	0.511	0.511	978.440	993.011	993.011	F117
K	6	338	0.595	0.508	338.180	0.512	0.512	943.180	959.412	959.412	K106
T	7	402	0.479	0.509	402.174	0.509	0.509	878.174	894.411	894.411	T135
D	8	466	0.522	0.511	466.211	0.511	0.511	843.211	859.504	859.504	D134
L	9	530	0.474	0.511	530.205	516.772	0.511	807.716	824.204	824.204	L113
M	10	594	0.473	0.511	594.201	601.830	0.511	772.810	789.204	789.204	M12
P	11	658	0.524	0.509	658.195	0.509	0.509	737.195	754.200	754.200	P121
Q	12	722	0.509	0.508	722.189	730.304	730.308	697.200	714.200	714.204	Q118
S	13	786	0.512	0.509	786.183	0.509	0.509	662.183	679.200	679.200	S10
A	14	850	0.470	0.511	850.177	816.428	0.511	627.177	644.200	644.200	A10
A	15	914	0.509	0.511	914.171	853.047	0.511	592.171	609.200	609.200	A10
I	16	978	0.493	0.511	978.165	0.511	0.511	557.165	574.200	574.200	I10
A	17	1042	0.470	0.511	1042.159	910.489	0.511	522.159	539.200	539.200	A10
A	18	1106	0.511	0.509	1106.153	938.009	0.509	487.153	510.134	510.134	A10
A	19	1170	0.511	0.509	1170.147	974.518	966.005	452.147	469.200	469.200	A10
Q	20	1234	0.511	0.509	1234.141	1031.060	1022.035	417.141	434.200	434.200	Q10
G	21	1298	0.511	0.509	1298.135	1095.009	0.509	382.135	399.200	399.200	G10
G	22	1362	0.511	0.509	1362.129	0.509	0.509	347.129	364.200	364.200	G10

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IAQDFKTDLR ^{Methyl} FQSAAIGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=61.81
- ▶ F113873.dat
- ▶ query=q43869_p1
- ▶ precursor=779.413170
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	r	r'	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2319.088	2318.214	I 25
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2205.130	A 26
Q	138.012	282.987	0.000	113.187	286.166	0.000	2351.101	2336.077	2335.093	Q 19
D	140.219	303.193	382.208	126.214	311.187	410.203	2624.076	2607.018	2606.034	D 28
F	147.207	320.201	420.217	137.263	326.206	457.212	3069.031	3051.993	3051.007	F 11
K	147.582	328.208	427.212	137.372	328.211	458.217	3075.057	3058.023	3057.039	K 16
L	179.436	358.414	458.420	158.426	370.268	509.414	3333.004	3316.028	3315.044	L 15
D	181.437	374.413	474.420	169.463	382.425	501.441	3532.031	3515.055	3514.070	D 14
I	183.434	387.413	487.420	172.463	385.425	511.426	3417.026	3400.051	3399.067	I 13
R	187.438	417.413	517.420	182.463	403.426	519.426	3479.042	3462.066	3461.082	R 12
F	191.438	434.413	534.420	194.463	415.426	531.431	3534.079	3517.103	3516.118	F 11
Q	194.438	442.413	542.420	197.463	418.426	534.431	3549.069	3532.093	3531.108	Q 10
S	197.438	450.413	550.420	200.463	421.426	537.431	3564.064	3547.088	3546.103	S 11
A	197.554	450.413	550.420	200.463	421.426	537.431	3564.064	3547.088	3546.103	A 10
A	197.691	451.413	551.420	201.463	422.426	538.431	3579.059	3562.083	3561.098	A 11
I	197.879	453.413	553.420	203.463	424.426	540.431	3594.054	3577.078	3576.093	I 10
C	198.007	453.413	553.420	203.463	424.426	540.431	3594.054	3577.078	3576.093	C 10
A	198.034	453.413	553.420	203.463	424.426	540.431	3594.054	3577.078	3576.093	A 10
L	198.110	453.413	553.420	203.463	424.426	540.431	3594.054	3577.078	3576.093	L 10
Q	198.176	453.413	553.420	203.463	424.426	540.431	3594.054	3577.078	3576.093	Q 10
E	198.219	453.413	553.420	203.463	424.426	540.431	3594.054	3577.078	3576.093	E 10

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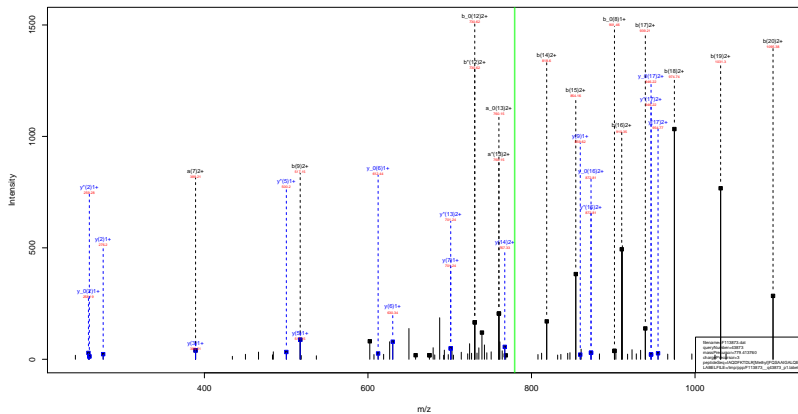
IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=61.81
- ▶ F113873.dat
- ▶ query=q43869_p1
- ▶ precursor=779.413170
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
R1	45.592	0.504	-0.504	57.946	0.504	0.504	1168.618	1169.521	1169.611	R21	
A1	79.107	0.504	0.504	81.069	0.504	0.504	1117.074	1118.581	1119.089	A20	
G1	143.131	1.008	0.504	149.589	1.008	0.504	1019.505	1020.974	1021.939	G19	
D1	209.513	1.512	1.008	214.511	1.512	1.008	891.502	892.916	893.511	D18	
F1	274.249	2.016	1.512	280.141	2.016	1.512	779.140	780.115	780.495	F17	
K1	338.125	2.520	2.016	342.192	2.520	2.016	641.418	642.965	643.473	K16	
L1	380.719	3.024	2.520	382.715	3.024	2.520	500.711	501.411	501.912	L15	
E1	446.557	3.528	3.024	450.210	3.528	3.024	431.224	432.009	432.504	E14	
L1	502.174	4.032	3.528	516.772	4.032	3.528	389.762	390.584	700.880	L13	
M1	567.813	4.536	4.032	601.830	4.536	4.032	342.802	343.188	343.689	M12	
P1	601.924	5.040	4.536	605.364	5.040	4.536	299.359	299.793	299.789	P11	
Q1	725.396	5.544	5.040	739.384	730.880	730.384	261.201	261.740	261.254	Q10	
S1	789.617	6.048	5.544	790.903	6.048	5.544	229.222	229.710	229.224	S10	
A1	859.413	6.552	6.048	859.421	818.428	809.915	199.414	199.260	199.116	A9	
A1	929.989	7.056	6.552	931.947	945.511	944.941	161.135	161.083	161.180	A9	
I1	995.493	7.560	7.056	997.488	910.489	901.975	131.610	131.383	131.611	I8	
G1	1059.889	8.064	7.560	1059.889	938.995	938.409	109.794	109.549	109.520	G8	
A1	1090.521	8.568	8.064	1095.515	974.518	969.005	995.513	230.824	222.110	A7	
L1	1117.263	9.072	8.568	1120.071	1031.060	1022.547	1022.955	195.195	186.110	L7	
G1	1181.494	9.576	9.072	1095.089	1096.578	1096.024	119.787	119.689	119.688	G7	
R1	1249.513	10.080	9.576	1250.625	1250.611	1251.097	1192.969	74.534	0.504	65.529	R1

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IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=59.94
- ▶ F113873.dat
- ▶ query=q43873_p1
- ▶ precursor=779.413760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	r	r'	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2310.088	2310.088	I23
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2206.114	A20
Q	109.012	282.987	0.000	113.187	289.069	0.000	2351.101	2326.075	2326.075	Q19
D	700.219	363.193	382.209	426.214	341.197	410.203	2624.052	2607.018	2606.034	D28
F	247.207	529.201	529.277	375.202	326.206	357.272	1669.011	1661.993	1661.007	F17
K	475.382	658.356	487.372	303.377	488.351	405.357	1761.945	1744.923	1743.939	K16
V	174.783	305.448	704.420	304.426	187.368	309.414	1833.904	1816.828	1815.844	V15
D	391.457	374.413	373.440	303.463	360.425	301.441	1552.831	1515.783	1514.798	D14
L	1034.241	607.533	606.531	1032.530	1013.502	1014.526	1417.702	1400.712	1399.702	L13
R	1174.818	1177.811	1176.810	1162.811	1163.808	1164.812	1394.812	1386.809	1387.809	R12
F	1321.728	1324.730	1323.731	1348.723	1332.699	1331.711	1134.979	1117.963	1116.968	F11
Q	1640.702	1642.701	1641.704	1677.693	1660.701	1659.697	687.511	670.504	669.502	Q10
S	1030.617	1032.609	1031.602	1064.612	1047.603	1046.601	839.452	842.426	841.441	S10
A	1007.254	1009.252	1008.251	1020.254	1011.252	1011.250	771.250	755.251	754.250	A10
A	1076.891	1081.889	1080.881	1102.890	1089.893	1088.879	701.383	684.368	683.372	A10
I	1191.978	1194.988	1193.981	1210.979	1202.944	1201.930	630.346	613.335	612.335	I10
C	1048.907	1051.913	1050.901	1070.904	1059.894	1058.879	517.262	508.235	507.241	C10
A	1000.044	1003.051	1002.021	1048.029	1034.032	1033.018	463.242	443.243	442.242	A10
L	1051.116	1054.109	1053.111	1074.111	1064.100	1063.111	389.203	374.171	373.191	L10
Q	1051.170	1054.159	1053.160	1070.171	1057.145	1056.161	276.119	259.092	258.108	Q10
E	1000.219	1003.201	1002.204	1010.214	1001.187	1000.201	148.180	0.000	148.180	E10

sp | P84244 | H33_MOUSE

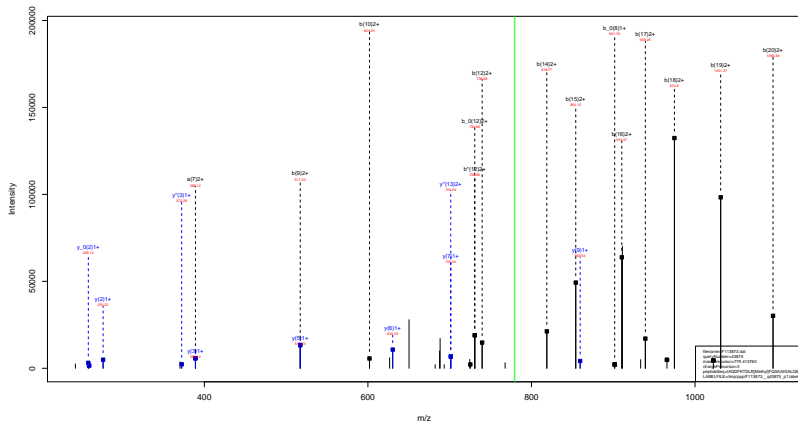
IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=59.94
- ▶ F113873.dat
- ▶ query=q43873_p1
- ▶ precursor=779.413760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ^o	b	b'	b ^o	y	y'	y ^o	AA
I	43.002	0.500	0.504	59.940	0.504	0.500	1186.830	1186.330	1186.831	[R2]
A	70.070	0.504	0.500	59.920	0.504	0.504	1112.034	1110.543	1110.039	A205
Q	143.100	1.004	1.004	139.080	1.004	1.004	1036.193	1036.142	1036.193	Q10
D	200.513	150.330	151.650	214.911	206.097	205.600	1012.520	1004.915	1003.521	Q10
F	274.147	265.634	265.141	288.141	279.632	279.140	955.013	946.498	946.007	F117
K	338.290	329.662	329.165	352.162	343.639	343.147	881.431	872.965	872.473	K10
L	388.719	380.093	379.593	402.122	393.600	393.103	803.511	817.431	806.512	L10
D	446.552	437.929	437.429	460.210	451.735	451.234	766.907	758.344	757.850	L14
L	502.274	494.261	494.160	516.772	508.758	507.756	700.361	700.880	700.380	L13
M	567.613	559.101	558.601	601.830	593.817	592.815	601.801	644.748	644.254	M12
F	594.267	585.354	585.352	675.364	666.851	666.350	583.251	575.240	575.740	F111
Q	672.396	663.483	663.180	739.364	730.880	730.380	498.250	489.740	489.254	Q10
S	766.912	760.389	759.907	761.911	774.396	773.904	430.250	424.710	424.214	S10
A	806.719	800.197	800.493	818.428	809.815	809.313	359.244	350.730	350.234	A10
A	830.949	821.430	820.941	851.947	843.431	842.941	351.180	342.665	342.170	A11
I	886.401	877.880	877.480	910.469	901.975	901.483	313.630	307.101	306.611	I10
G	928.600	919.469	918.969	938.509	929.469	928.970	250.134	246.611	246.119	G10
A	960.521	952.000	951.501	974.518	966.000	965.511	230.624	223.110	222.619	A14
L	1017.681	1008.549	1008.051	1031.660	1022.547	1022.050	186.110	180.500	180.010	L10
Q	1081.692	1072.210	1071.692	1095.869	1086.576	1086.054	130.563	130.050	129.550	Q10
D	1148.513	1139.030	1138.500	1150.521	1141.000	1140.476	76.503	76.000	75.500	D10

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IAQDFKTDLR ^{Methyl} FQSAAIGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=65.34
- ▶ F113873.dat
- ▶ query=q43875.p1
- ▶ precursor=779.413760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2310.088	2318.214	I 21
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2256.114	2205.130	A 20
Q	109.012	282.987	0.000	113.187	289.166	0.000	2351.101	2326.077	2374.091	Q 19
D	400.219	363.193	382.208	426.214	411.197	410.203	2624.076	2607.051	2606.034	D 18
F	247.207	230.201	230.207	375.203	356.206	357.212	1669.011	1661.993	1691.007	F 17
K	625.082	608.208	687.212	703.217	688.211	685.207	1761.945	1744.923	1743.939	K 16
T	479.436	458.434	458.420	604.426	587.428	589.414	1633.994	1616.928	1615.944	T 15
D	391.457	374.411	373.480	503.463	480.425	501.441	1532.831	1515.765	1514.798	D 14
I	103.424	107.533	100.521	110.529	101.530	101.426	1417.702	1400.713	1399.700	I 13
R	1174.818	1177.811	1186.809	1202.811	1193.808	1194.812	1384.999	1387.999	1388.000	R 12
F	1201.728	1204.730	1203.710	1248.721	1232.699	1231.711	1134.979	1117.903	1116.908	F 11
Q	1640.780	1642.781	1631.774	1677.780	1660.781	1659.789	107.511	107.504	106.500	Q 10
S	1038.817	1039.799	1032.800	1064.812	1047.785	1046.801	839.452	842.426	841.441	S 9
A	1007.854	1008.812	1000.841	1020.846	1011.822	1011.808	771.900	770.391	774.808	A 8
A	1076.891	1081.895	1080.881	1120.888	1089.893	1088.879	701.383	684.308	683.372	A 7
I	1191.978	1194.988	1191.960	1210.970	1202.944	1201.958	638.346	613.319	612.310	I 6
C	1468.907	1471.913	1461.880	1479.899	1470.864	1469.870	517.262	501.239	499.241	C 5
A	1000.934	1003.937	1002.921	1048.929	1031.932	1030.918	463.262	449.214	448.230	A 4
L	1051.910	1053.911	1051.901	1081.911	1064.900	1063.911	389.263	372.177	371.191	L 3
Q	1051.910	1054.910	1043.900	1088.910	1072.905	1071.910	276.119	259.092	258.108	Q 2
E	2050.219	2053.200	2049.200	2010.214	2001.187	2000.200	148.980	0.000	148.980	E 1

sp | P84244 | H33_MOUSE

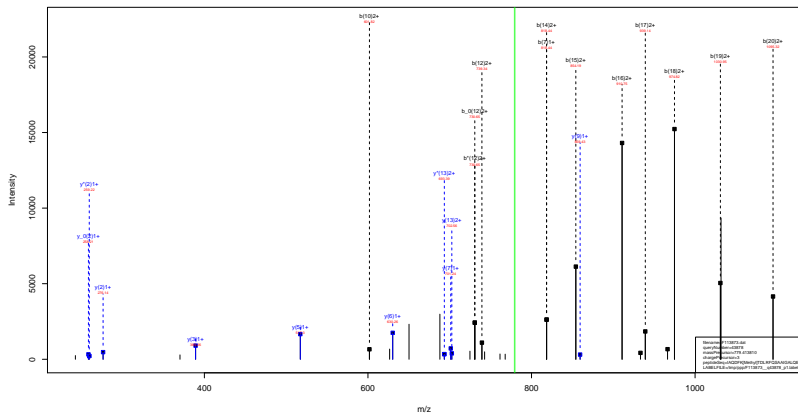
IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=65.34
- ▶ F113873.dat
- ▶ query=q43875.p1
- ▶ precursor=779.413760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA
R1	45.592	0.504	0.504	57.946	0.504	0.504	1168.818	1193.521	1193.811	R21
A1	79.107	0.504	0.504	81.069	0.504	0.504	1117.074	1143.581	1143.889	A20
G1	143.131	1.008	0.504	149.589	1.008	0.504	1117.074	1143.581	1143.889	G19
D1	207.613	1.512	1.008	214.511	1.512	1.008	1074.202	1099.911	1099.511	D18
F1	274.249	2.016	1.512	280.141	2.016	1.512	1074.202	1099.911	1099.511	F17
K1	338.125	2.520	2.016	344.192	2.520	2.016	1041.418	1072.965	1072.474	K16
L1	380.119	3.024	2.520	387.715	3.024	2.520	1007.111	1037.411	1036.426	L15
E1	446.557	3.528	3.024	450.235	3.528	3.024	971.224	1000.939	999.954	E14
L1	502.174	4.032	3.528	516.772	4.032	3.528	939.768	969.880	968.895	L13
M1	567.613	4.536	4.032	601.830	4.536	4.032	902.312	932.361	931.376	M12
P1	604.304	4.944	4.536	605.354	4.944	4.536	869.856	901.905	900.920	P11
Q1	775.394	6.048	5.544	739.384	730.880	730.386	804.200	836.749	835.254	Q10
S1	100.617	1.008	0.504	106.569	1.008	0.504	774.386	773.884	773.222	S10
A1	166.613	1.512	1.008	172.421	1.512	1.008	742.430	741.928	741.266	A9
A1	232.613	2.016	1.512	238.273	2.016	1.512	709.474	708.972	708.310	A8
A1	298.613	2.520	2.016	304.125	2.520	2.016	676.518	676.016	675.354	A7
L1	364.613	3.024	2.520	370.029	3.024	2.520	643.562	643.060	642.398	L6
L1	430.613	3.528	3.024	435.933	3.528	3.024	610.606	610.104	609.442	L5
L1	496.613	4.032	3.528	501.837	4.032	3.528	577.650	577.148	576.486	L4
L1	562.613	4.536	4.032	567.741	4.536	4.032	544.694	544.192	543.530	L3
L1	628.613	5.040	4.536	633.645	5.040	4.536	511.738	511.236	510.574	L2
L1	694.613	5.544	5.040	700.549	5.544	5.040	478.782	478.280	477.618	L1
L1	760.613	6.048	5.544	766.453	6.048	5.544	445.826	445.324	444.662	L0
L1	826.613	6.552	6.048	832.357	6.552	6.048	412.870	412.368	411.706	L-1
L1	892.613	7.056	6.552	898.261	7.056	6.552	379.914	379.412	378.750	L-2
L1	958.613	7.560	7.056	964.165	7.560	7.056	346.958	346.456	345.794	L-3
L1	1024.613	8.064	7.560	1030.069	8.064	7.560	314.002	313.500	312.838	L-4
L1	1090.613	8.568	8.064	1095.973	8.568	8.064	281.046	280.544	279.882	L-5
L1	1156.613	9.072	8.568	1161.877	9.072	8.568	248.090	247.588	246.926	L-6
L1	1222.613	9.576	9.072	1227.781	9.576	9.072	215.134	214.632	213.970	L-7
L1	1288.613	10.080	9.576	1293.685	10.080	9.576	182.178	181.676	181.014	L-8
L1	1354.613	10.584	10.080	1359.589	10.584	10.080	149.222	148.720	148.058	L-9
L1	1420.613	11.088	10.584	1425.493	11.088	10.584	116.266	115.764	115.102	L-10
L1	1486.613	11.592	11.088	1491.397	11.592	11.088	83.310	82.808	82.146	L-11

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} TDLRFQSAAILGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=59.33
- ▶ F113873.dat
- ▶ query=q43878_p1
- ▶ precursor=779.413810
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	r	r'	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2316.088	2316.214	I 21
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2206.130	A 20
Q	139.072	282.985	0.000	113.187	289.166	0.000	2351.101	2336.077	2336.093	Q 19
D	160.219	363.193	382.209	1426.214	1411.197	410.203	2624.050	2607.018	2606.034	D 18
F	167.207	520.201	520.217	1679.263	1656.256	167.217	3069.011	3061.993	3061.017	F 17
K	168.098	572.212	431.203	1713.267	1701.266	168.262	3161.945	3144.923	3143.939	K 16
V	170.446	674.213	722.431	813.441	801.434	801.438	3438.933	3400.911	3401.928	V 15
D	165.473	358.446	357.452	813.448	801.441	813.457	3518.921	3501.903	3500.911	D 14
L	181.629	101.529	101.540	1046.524	1032.521	101.524	1461.924	1456.909	1456.914	L 13
R	117.438	117.441	118.441	1202.523	1188.526	117.442	1261.902	1272.894	1272.910	R 12
F	133.728	1334.700	1333.710	1348.721	1332.699	1331.711	1334.979	1317.962	1316.968	F 11
Q	1640.782	1442.789	1431.774	1447.789	1440.781	1440.789	167.511	167.504	166.500	Q 10
S	1526.817	1526.799	1512.802	1504.812	1507.785	1506.801	859.452	842.425	841.441	S 9
A	1007.254	1000.251	1000.243	1000.264	1018.272	1017.268	771.260	755.261	754.266	A 8
A	1016.891	1061.885	1060.881	1058.890	1068.893	1068.875	701.383	684.368	683.372	A 7
I	1791.978	1774.988	1771.983	1819.979	1802.944	1801.969	630.346	613.319	612.319	I 6
C	1468.907	1451.910	1441.900	1479.901	1459.864	1458.879	517.262	501.239	499.241	C 5
A	1000.034	1001.031	1002.023	1048.025	1031.002	1030.018	463.262	445.254	444.258	A 4
L	1051.116	1051.101	1051.101	1051.111	1054.100	1054.111	389.203	374.171	371.191	L 3
Q	1051.170	1044.159	1043.150	1038.171	1012.145	1011.161	276.119	259.092	258.108	Q 2
E	2050.219	2049.200	2049.200	2019.214	2018.187	2019.201	148.980	0.000	138.959	E 1

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=59.33
- ▶ F113873.dat
- ▶ query=q43878.p1
- ▶ precursor=779.413810
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I(3)	43.602	0.500	0.500	59.541	0.504	0.500	1180.830	1180.330	1180.831	I(2)
A(2)	70.070	0.504	0.500	93.080	0.504	0.500	1112.034	1110.534	1110.030	A(20)
Q(3)	143.100	1.514	0.504	137.080	1.483	0.504	1038.583	1038.083	1038.580	Q(18)
D(4)	200.013	192.300	191.600	214.461	209.097	209.400	1012.520	1004.013	1012.521	D(16)
F(5)	274.147	265.634	265.147	288.141	279.632	279.140	935.033	944.496	944.007	F(17)
K(6)	345.201	338.069	336.197	350.200	350.067	350.195	881.431	872.869	872.473	K(16)
L(7)	408.777	401.213	400.121	408.724	401.213	400.121	810.421	806.910	806.418	L(15)
D(8)	451.240	444.127	443.215	462.211	450.724	450.212	750.000	741.340	740.894	D(14)
L(9)	500.782	491.200	490.777	510.780	511.710	511.710	707.306	693.872	693.360	L(13)
R(10)	557.813	547.101	546.041	561.830	558.117	558.117	660.891	649.146	648.638	R(12)
F(11)	594.397	582.324	582.324	597.395	589.851	589.851	597.391	579.295	578.780	F(11)
Q(12)	672.396	658.487	658.191	739.394	730.880	730.388	498.290	489.740	489.234	Q(10)
S(13)	688.012	680.389	680.389	701.011	704.396	704.396	430.230	424.710	424.204	S(9)
A(14)	804.918	800.317	800.317	818.428	808.825	808.825	359.714	359.200	358.686	A(8)
A(15)	830.949	816.430	816.941	851.947	845.431	844.941	351.100	347.580	347.190	A(7)
I(16)	888.401	887.810	887.480	910.489	901.975	901.483	313.030	307.181	306.671	I(6)
G(17)	978.000	975.480	975.991	938.009	933.480	933.991	259.134	250.021	249.509	G(5)
A(18)	990.521	992.000	991.513	974.518	976.005	975.513	230.024	223.110	222.619	A(4)
L(19)	1017.081	1008.549	1008.011	1031.060	1022.547	1022.010	190.100	188.700	188.300	L(3)
Q(20)	1081.092	1072.219	1072.080	1095.089	1086.576	1086.084	130.063	130.000	129.938	Q(2)
D(21)	1148.013	1137.000	1136.600	1156.011	1151.000	1150.600	78.900	78.900	78.900	D(1)

sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=63.68
- ▶ F113873.dat
- ▶ query=q43880_p1
- ▶ precursor=779.414210
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	r	r'	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2319.088	2319.088	I23
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2206.114	A20
Q	139.012	282.987	0.000	113.187	289.169	0.000	2351.101	2336.075	2336.075	Q19
D	400.219	363.193	382.239	426.214	411.197	410.203	2624.076	2607.018	2606.034	D28
F	347.207	520.201	520.277	375.202	356.206	357.272	1669.011	1661.993	1661.007	F11
K	625.582	658.208	687.212	703.217	688.211	685.207	1781.945	1744.923	1743.939	K16
V	479.436	500.434	704.420	504.426	479.408	498.414	1633.994	1618.928	1617.944	V15
D	391.457	314.413	373.440	309.463	360.425	361.441	1552.851	1515.785	1514.798	D14
L	1034.241	887.233	888.232	1032.239	1013.202	1014.228	1417.792	1402.753	1399.769	L13
R	1174.838	1117.813	1136.801	1222.813	1159.808	1158.812	1384.912	1369.899	1367.899	R12
F	1321.728	1304.705	1303.710	1348.721	1332.699	1331.711	1334.979	1311.963	1310.968	F11
Q	1640.785	1442.761	1431.774	1477.769	1460.751	1459.769	167.511	167.504	166.500	Q10
S	1638.617	1619.709	1618.800	1664.612	1647.705	1646.801	160.402	160.402	161.441	S10
A	1007.254	920.222	939.241	935.246	916.222	917.238	112.420	112.420	114.409	A10
A	1616.891	1561.865	1600.861	1628.868	1589.859	1588.875	701.383	684.369	683.372	A10
I	1791.978	1774.969	1773.963	1819.970	1802.944	1801.960	638.346	623.330	612.319	I10
C	1668.907	1613.878	1632.880	1678.891	1659.864	1658.879	517.262	508.235	499.221	C10
A	1000.044	1001.000	1002.021	1048.026	1031.002	1030.018	463.262	443.243	442.239	A10
L	1051.116	1018.091	1016.100	1061.111	1044.086	1043.101	389.263	374.271	371.191	L10
Q	1051.170	1044.150	1043.160	1089.171	1072.145	1071.161	276.119	259.092	258.108	Q10
E	2050.219	2019.193	2018.200	2019.214	2001.187	2000.200	148.990	0.000	148.990	E10

sp | P84244 | H33_MOUSE

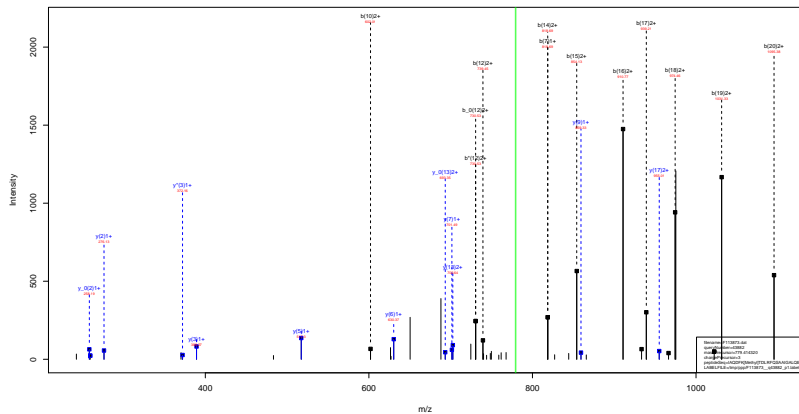
IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=63.68
- ▶ F113873.dat
- ▶ query=q43880_p1
- ▶ precursor=779.414210
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ^o	b	b'	b ^o	y	y'	y ^o	AA
I(3)	43.602	0.505	0.505	57.945	0.504	0.504	1186.835	1186.835	1186.835	I(2)
A(2)	78.070	0.504	0.504	93.082	0.504	0.504	1112.024	1112.024	1112.024	A(25)
Q(3)	143.100	1.514	1.514	137.085	1.481	1.481	1038.583	1038.583	1038.583	Q(18)
D(4)	200.613	192.380	191.600	214.911	206.097	205.600	933.520	1004.913	1004.913	D(16)
F(5)	274.147	265.834	265.147	288.141	279.632	279.140	895.033	948.496	948.496	F(17)
K(6)	338.190	329.662	329.190	352.182	343.670	343.187	881.433	872.869	872.473	K(16)
T(7)	388.719	380.200	379.719	402.712	394.200	393.711	871.431	868.911	868.426	T(15)
D(8)	446.552	437.719	437.222	460.215	451.726	451.224	764.907	758.344	757.900	D(14)
L(9)	502.274	494.263	493.766	516.772	508.758	507.766	760.261	700.880	700.380	L(13)
R(10)	557.813	549.802	549.305	561.836	553.817	552.825	801.800	844.738	844.240	R(12)
F(11)	594.397	585.384	584.887	597.384	588.353	587.359	593.753	595.295	594.798	F(11)
Q(12)	725.394	716.381	715.884	730.384	730.880	730.388	694.290	695.746	695.254	Q(10)
S(13)	768.012	760.000	759.503	773.011	764.996	763.994	430.233	424.718	424.224	S(9)
A(14)	804.816	795.812	795.315	810.428	802.425	801.423	399.744	399.260	398.768	A(8)
A(15)	839.949	831.439	830.941	851.947	843.433	842.941	381.180	347.883	347.390	A(7)
I(16)	886.461	877.950	877.453	910.469	901.975	901.483	313.676	307.183	306.671	I(6)
G(17)	929.800	921.469	920.999	938.999	930.488	929.994	259.134	286.523	286.026	G(5)
A(18)	960.521	952.000	951.523	974.518	966.000	965.513	230.624	223.133	222.618	A(4)
L(16)	1017.685	1009.549	1009.071	1031.869	1022.947	1022.020	196.180	189.760	189.310	L(8)
Q(20)	1081.692	1072.219	1071.692	1095.869	1086.576	1086.054	138.983	136.800	136.530	Q(2)
D(21)	1148.613	1137.000	1136.600	1150.611	1141.000	1140.600	78.924	0.760	0.520	D(1)

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} TDLRFQSA AIGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSAAGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=54.93
- ▶ F113873.dat
- ▶ query=q43882.p1
- ▶ precursor=779.414320
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	r	r'	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2316.088	2316.214	I 21
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2206.130	A 20
Q	139.012	282.985	0.000	113.181	289.166	0.000	2191.101	2176.077	2176.093	Q 19
D	160.219	363.193	382.239	126.214	311.197	410.263	2024.076	2007.018	2006.034	D 18
F	147.207	109.201	159.277	109.201	109.201	107.272	1669.011	1661.993	1661.007	F 17
K	168.098	172.172	431.303	171.207	170.266	169.262	1761.945	1744.923	1743.939	K 16
V	100.446	174.419	172.431	813.463	161.414	160.438	1618.933	1600.911	1601.928	V 15
D	165.473	168.456	167.462	161.441	115.457	1518.751	1501.765	1500.781	D 14	
L	101.829	101.829	100.840	104.824	102.821	102.824	1461.761	1456.739	1456.754	L 13
R	117.438	117.431	116.441	120.433	118.436	119.442	1291.661	1274.644	1273.659	R 12
P	120.728	120.728	120.728	120.728	120.728	120.728	1114.979	1111.962	1111.968	P 11
Q	140.782	140.782	141.774	147.789	146.781	145.789	1071.511	1070.504	1070.500	Q 10
S	103.617	103.617	103.617	104.612	104.612	104.612	859.452	842.426	841.441	S 9
A	107.254	106.252	105.251	105.254	105.252	105.252	791.926	790.919	790.916	A 8
A	116.891	116.891	116.891	117.883	116.891	116.891	701.383	684.366	683.372	A 7
I	171.978	171.978	171.978	171.978	171.978	171.978	630.346	613.319	612.333	I 6
C	148.907	148.907	148.907	148.907	148.907	148.907	517.262	501.235	499.251	C 5
A	100.034	100.034	100.034	100.034	100.034	100.034	449.242	448.234	448.230	A 4
L	103.116	103.116	103.116	103.116	103.116	103.116	389.203	372.177	371.191	L 3
Q	101.170	101.170	101.170	101.170	101.170	101.170	276.119	259.092	258.108	Q 2
E	200.219	200.219	200.219	200.219	200.219	200.219	148.980	0.000	148.980	E 1

sp | P84244 | H33_MOUSE

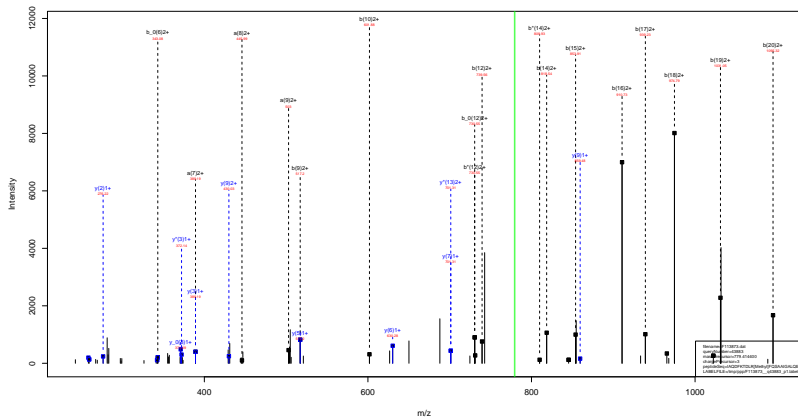
IAQDFK ^{Methyl} 14.02 TDLRFQSAAILGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=54.93
- ▶ F113873.dat
- ▶ query=q43882.p1
- ▶ precursor=779.414320
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA
R1	45.592	0.504	0.504	57.949	0.504	0.504	1168.818	1169.323	1169.831	R21
A1-2	79.100	0.504	0.504	81.069	0.504	0.504	1147.014	1147.519	1148.027	A20
Q1-3	143.131	1.008	0.504	149.589	1.008	0.504	1017.903	1018.408	1018.913	Q19
D1-4	209.613	1.512	1.008	214.811	1.512	1.008	897.202	897.707	898.212	D18
F1-5	274.247	2.016	1.512	280.143	2.016	1.512	779.140	779.645	780.150	F17
K1-6	345.233	2.520	2.016	351.209	2.520	2.016	660.195	660.700	661.205	K16
T1-7	405.217	3.024	2.520	412.194	3.024	2.520	549.199	549.704	550.209	T15
D1-8	453.260	3.528	3.024	461.217	3.528	3.024	438.232	438.737	439.242	D14
L1-9	509.282	4.032	3.528	519.271	4.032	3.528	327.274	327.779	328.284	L13
M1-10	567.313	4.536	4.032	577.325	4.536	4.032	216.317	216.822	217.327	M12
P111	594.324	4.920	4.536	601.334	4.920	4.536	105.359	105.864	106.369	P111
Q112	672.339	5.304	4.920	739.384	5.304	4.920	94.284	94.789	95.294	Q112
S113	709.352	5.688	5.304	759.393	5.688	5.304	74.366	74.871	75.376	S113
A114	809.416	6.312	5.688	818.428	6.312	5.688	69.414	69.919	70.424	A114
A115	839.949	6.696	6.312	853.944	6.696	6.312	64.461	64.966	65.471	A115
I116	895.993	7.224	6.696	910.989	7.224	6.696	60.503	61.008	61.513	I116
C117	979.993	7.920	7.224	1036.995	7.920	7.224	56.545	57.050	57.555	C117
A118	990.521	8.028	7.920	1045.533	8.028	7.920	55.533	56.038	56.543	A118
L119	1017.063	8.280	8.028	1058.075	8.280	8.028	54.521	55.026	55.531	L119
Q120	1084.044	8.976	8.280	1095.089	8.976	8.280	53.509	54.014	54.519	Q120
R21	1149.613	11.976	11.976	1159.613	11.976	11.976	74.534	75.039	75.544	R21

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Methyl} FQSAAIGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Methyl} 14.02 FQSAAIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.19
- ▶ F113873.dat
- ▶ query=q43883.p1
- ▶ precursor=779.414400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2310.088	2318.214	I 23
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2256.114	2205.130	A 20
Q	109.012	282.989	0.000	113.181	289.166	0.000	2351.101	2326.077	2374.031	Q 19
D	400.219	363.193	382.208	426.214	411.197	410.203	2624.050	2607.018	2606.034	D 18
F	347.207	320.201	320.217	375.203	356.206	357.212	1669.011	1661.993	1691.007	F 17
K	626.582	658.208	687.212	703.217	688.211	695.207	1761.945	1744.923	1743.939	K 16
V	479.436	498.434	504.420	504.429	497.388	498.414	1633.994	1616.928	1615.944	V 15
D	391.457	374.413	373.440	369.463	360.425	361.441	1552.851	1515.785	1514.798	D 14
L	1034.241	897.533	888.531	1032.539	1013.500	1014.526	1417.700	1400.713	1389.700	L 13
R	1174.838	1117.813	1126.801	1222.813	1183.808	1184.812	1386.699	1287.699	1286.699	R 12
F	1321.728	1294.700	1303.710	1348.721	1332.699	1331.711	1134.979	1117.903	1116.908	F 11
Q	1640.700	1422.701	1431.714	1477.700	1460.701	1459.709	887.511	919.504	889.500	Q 10
S	1638.617	1619.700	1610.800	1564.612	1547.185	1546.201	859.452	862.426	861.441	S 9
A	1007.254	920.212	930.241	935.246	916.212	917.208	771.200	755.201	754.206	A 8
A	1076.891	1061.895	1060.881	1026.889	1009.893	1008.879	701.383	684.368	683.372	A 7
I	1791.978	1774.988	1771.963	1819.970	1802.944	1801.958	638.346	613.319	612.310	I 6
C	1668.907	1613.910	1611.860	1619.909	1602.864	1602.867	517.262	501.239	499.241	C 5
A	1000.034	1001.031	1002.021	1048.029	1031.032	1030.018	463.262	449.254	448.258	A 4
L	1051.116	1016.101	1015.100	1061.111	1044.100	1043.101	389.263	372.177	371.183	L 3
Q	1051.170	1044.150	1043.150	1038.171	1012.145	1011.161	276.119	259.092	258.108	Q 2
E	2050.219	2019.100	2018.201	2019.214	2018.187	2019.201	148.980	0.000	148.980	E 1

sp | P84244 | H33_MOUSE

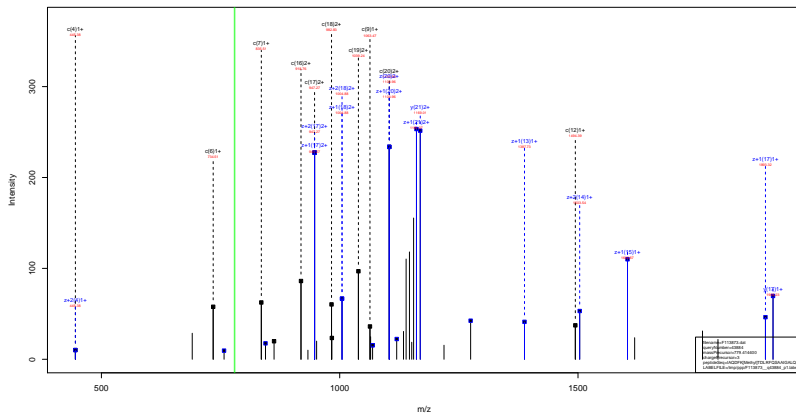
IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=49.19
- ▶ F113873.dat
- ▶ query=q43883_p1
- ▶ precursor=779.414400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA	
R1	45.552	0.504	0.504	57.945	0.504	0.504	1168.818	1169.322	1169.811	R21	
A1-2	79.100	0.504	0.504	81.069	0.504	0.504	1117.074	1117.578	1118.069	A20	
Q1-3	143.131	1.008	0.504	149.589	1.008	0.504	1019.502	1020.004	1020.501	Q19	
D1-4	209.613	1.512	1.008	214.511	1.512	1.008	929.252	929.751	930.241	D18	
F1-5	274.147	2.016	1.512	280.141	2.016	1.512	839.140	839.635	840.129	F17	
K1-6	338.127	2.520	2.016	344.129	2.520	2.016	743.187	743.675	744.161	K16	
T1-7	398.219	3.024	2.520	402.113	3.024	2.520	651.111	651.591	652.075	T15	
D1-8	446.232	3.528	3.024	450.210	3.528	3.024	559.224	559.697	560.168	D14	
L1-9	502.774	4.032	3.528	516.772	4.032	3.528	467.166	467.631	468.090	L13	
M1-10	567.813	4.536	4.032	581.830	4.536	4.032	375.129	375.587	376.041	M12	
P1-11	631.292	5.040	4.536	645.354	5.040	4.536	283.193	283.641	284.089	P11	
Q1-12	692.309	5.544	5.040	709.344	5.544	5.040	191.269	191.711	192.154	Q10	
S1-13	750.812	6.048	5.544	770.900	6.048	5.544	100.254	100.691	101.124	S10	
A1-14	808.813	6.552	6.048	818.428	6.552	6.048	9.213	9.641	9.978	A9	
A1-15	830.949	6.816	6.552	851.947	6.816	6.552	0.110	342.682	342.190	A17	
I1-16	895.493	7.320	6.816	897.488	910.489	901.978	901.481	3.810	387.181	I16	
G1-17	929.883	7.824	7.320	938.999	930.988	921.974	238.134	238.621	239.109	G16	
A1-18	990.521	8.328	7.824	974.518	966.005	965.513	230.224	221.110	221.818	A14	
L1-19	1011.263	8.832	8.328	1031.060	1022.547	1022.055	181.105	180.392	180.110	L16	
Q1-20	1081.814	9.336	8.832	1095.089	1086.576	1078.054	130.394	129.881	129.368	Q15	
R21	1149.813	11.376	11.376	1158.825	1158.811	1151.997	1152.928	74.534	0.504	85.529	R11

sp | P84244 | H33_MOUSE

IAQDFK^{Methyl} TDLRFQSAAILGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.68
- ▶ F113873.dat
- ▶ query=q43884_p1
- ▶ precursor=779.414400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F [1]	151.118	2336.254	2336.266	0.000	2319.166	F[21]
A [2]	202.195	2223.140	2207.172	0.000	2206.114	A[20]
Q [3]	159.214	2152.103	2136.085	2137.092	2135.077	Q[19]
D [4]	445.241	2024.945	2008.936	2009.934	2007.918	D[18]
F [5]	502.309	1909.018	1892.999	1894.007	1891.991	F[17]
K [6]	734.420	1761.949	1745.931	1746.938	1744.923	K[16]
T [7]	835.467	1619.839	1603.820	1604.828	1602.812	T[15]
D [8]	950.494	1518.791	1502.772	1503.780	1501.765	D[14]
L [9]	1063.578	1401.704	1387.745	1388.753	1386.738	L[13]
R [10]	1219.679	1290.680	1274.661	1275.669	1273.654	R[12]
F [11]	1306.748	1134.579	1118.560	1119.568	1117.552	F[11]
Q [12]	1494.806	987.511	971.492	972.500	970.484	Q[10]
S [13]	1581.838	859.452	843.433	844.441	842.425	S[9]
A [14]	1652.875	722.420	706.401	707.409	705.393	A[8]
A [15]	1723.913	701.383	685.364	686.372	684.356	A[7]
I [16]	1839.997	630.340	614.321	615.329	613.313	I[6]
G [17]	1894.018	517.262	501.243	502.251	500.235	G[5]
A [18]	1965.055	460.240	444.221	445.229	443.214	A[4]
L [19]	2078.139	389.207	373.188	374.192	372.177	L[3]
Q [20]	2206.198	276.119	260.100	261.108	259.092	Q[2]
E [21]	2335.240	148.060	132.042	133.050	131.034	E[1]

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.68
- ▶ F113873.dat
- ▶ query=q43884.p1
- ▶ precursor=779.414400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1168.616	1160.607	0.504	1169.103	Q[1]
A [2]	101.561	1112.074	1104.064	0.504	1103.561	A[20]
Q [3]	165.610	1076.555	1066.546	1060.050	1069.042	Q[19]
D [4]	223.224	1032.526	1004.517	1005.021	1004.011	Q[18]
F [5]	296.658	955.013	947.003	947.507	950.497	F[17]
K [6]	367.713	881.478	871.469	873.973	872.965	K[16]
T [7]	418.237	810.423	802.414	802.918	801.910	T[15]
D [8]	475.751	759.899	751.890	752.394	751.386	D[14]
L [9]	532.293	702.366	694.376	694.880	693.872	L[13]
R[10]	610.343	646.844	637.833	638.338	637.330	R[12]
F [11]	663.578	597.793	559.784	560.288	559.280	F[11]
Q [12]	747.907	494.259	486.250	486.753	485.745	Q[10]
S [13]	791.423	430.230	422.220	422.724	421.716	S[9]
A [14]	826.941	396.714	378.704	379.208	378.200	A[8]
A [15]	802.460	351.195	343.186	343.690	342.682	A[7]
I [16]	919.002	315.676	307.667	308.171	307.163	I[6]
G [17]	947.513	259.134	251.125	251.629	250.621	G[5]
A [18]	983.031	230.624	222.614	223.118	222.110	A[4]
L [19]	1039.573	195.105	187.096	187.600	186.592	L[3]
Q [20]	1103.603	138.563	130.554	131.058	130.050	Q[2]
E [21]	1188.124	74.834	68.824	67.828	68.832	E[1]

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=41.57
- ▶ F113873.dat
- ▶ query=q43885_p1
- ▶ precursor=779.414440
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	r	r'	r,b	AA
I	98.698	0.000	0.000	114.001	0.000	0.000	2356.225	2310.088	2310.088	I23
A	137.134	0.000	0.000	105.120	0.000	0.000	2221.140	2206.114	2206.114	A20
Q	139.012	282.985	0.000	113.181	289.166	0.000	2191.101	2176.075	2176.075	Q19
D	160.219	303.193	382.200	142.214	311.197	410.203	2024.052	2007.018	2006.034	D18
F	147.207	102.201	102.201	129.277	129.262	104.256	197.272	199.010	199.003	F17
K	160.208	172.212	431.203	171.207	170.204	169.202	171.945	1744.923	1743.919	K16
V	100.446	174.413	172.413	813.441	161.414	160.410	1618.408	1600.411	1601.409	V15
D	160.473	168.466	167.462	813.468	161.441	115.417	1518.751	1501.765	1500.781	D14
L	101.827	101.820	101.840	104.824	102.821	102.814	1431.793	1389.799	1388.784	L13
R	117.438	117.431	118.441	120.433	118.426	119.442	1281.402	1272.404	1272.401	R12
P	1321.728	1304.700	1303.710	1348.723	1332.699	1331.711	1134.979	1117.962	1116.968	P11
Q	1440.702	1422.701	1431.711	1477.704	1460.701	1459.699	107.511	107.504	106.900	Q10
S	1030.617	1018.700	1012.800	1048.612	1047.100	1046.601	859.452	842.426	841.441	S10
A	1007.254	1000.251	1000.241	1005.244	1011.232	1011.230	771.230	755.203	754.408	A10
A	1016.891	1011.889	1010.881	1026.886	1019.879	1018.875	701.383	684.368	683.372	A10
I	1191.978	1174.960	1171.961	1219.970	1212.944	1211.960	630.346	613.315	613.315	I10
C	1048.907	1031.891	1031.881	1037.884	1036.864	1035.861	517.262	500.235	500.231	C10
A	1000.044	1001.031	1002.021	1048.026	1041.002	1040.018	463.242	443.214	442.200	A10
L	1003.110	1001.091	1001.111	1004.090	1001.111	1004.090	389.203	372.177	371.191	L10
Q	1011.170	1044.150	1043.150	1038.171	1017.145	1017.143	276.119	269.092	258.108	Q10
E	1000.219	1001.201	1001.201	1010.214	1010.187	1009.200	148.190	0.000	138.190	E10

sp | P84244 | H33_MOUSE

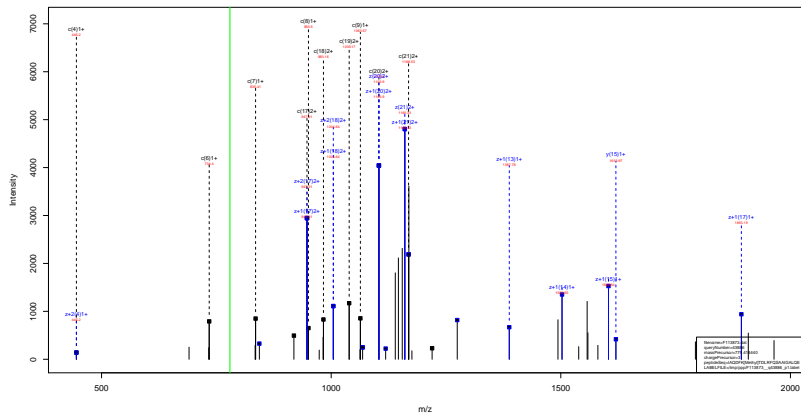
IAQDFK ^{Methyl} 14.02 TDLRFQSAAGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=41.57
- ▶ F113873.dat
- ▶ query=q43885_p1
- ▶ precursor=779.414440
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
R	41.552	0.559	0.564	57.945	0.564	0.569	1138.810	1139.371	1139.931	R
A	75.070	0.559	0.564	89.569	0.564	0.564	1132.291	1132.851	1133.411	A
Q	143.150	155.500	157.044	157.044	158.588	0.564	1075.501	1076.061	1076.621	Q
D	208.212	209.761	210.305	224.912	226.456	0.569	1052.520	1053.080	1053.640	D
F	274.247	285.635	286.144	338.144	339.632	0.564	885.131	885.691	886.251	F
K	345.293	356.680	358.201	358.201	359.697	0.569	855.135	855.695	856.255	K
T	385.277	387.273	388.221	408.224	409.211	0.569	810.423	810.983	811.543	T
E	451.290	454.227	445.215	467.215	468.224	0.564	755.388	755.948	756.508	E
L	500.282	501.220	500.777	500.777	511.260	0.564	702.386	693.872	693.380	L
M	557.313	558.271	559.221	601.830	602.817	0.569	650.391	650.951	651.511	M
P	594.324	595.284	595.282	607.305	608.304	0.564	599.359	599.919	600.479	P
I	672.338	673.300	673.300	739.394	739.394	739.388	604.287	604.847	605.407	I
S	698.352	699.300	699.300	707.305	708.304	0.564	430.230	430.790	431.350	S
A	698.410	699.411	699.421	816.428	809.915	0.569	309.412	309.972	310.532	A
V	730.369	731.430	730.944	853.947	865.431	0.564	244.941	245.501	246.061	V
N	805.401	807.070	807.069	910.489	901.975	0.561	181.481	182.041	182.601	N
G	870.410	871.469	869.989	938.995	949.480	0.564	129.484	129.524	129.564	G
R	886.524	887.580	885.515	974.518	966.005	965.513	120.524	122.111	123.698	R
Q	1017.083	1018.589	1018.070	1031.060	1022.547	1022.035	100.500	100.500	100.500	Q
D	1144.014	1145.217	1144.200	1155.200	1156.216	0.564	140.504	140.504	140.504	D
E	1144.014	1145.217	1145.200	1155.200	1155.200	0.559	140.504	140.504	140.504	E

sp | P84244 | H33_MOUSE

IAQDFK^{Methyl} TDLRFQSAAGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSAAILGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.83
- ▶ F113873.dat
- ▶ query=q43886.p1
- ▶ precursor=779.414440
- ▶ chargePrecursor=3
- ▶ itol=0.5

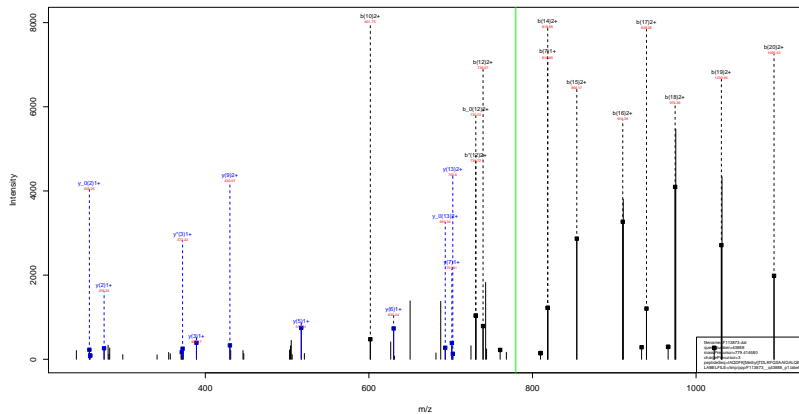
AA	c	y	z+1	z+2	z	AA
I [1]	131.118	2338.224	2320.206	0.000	2319.198	I [21]
A [2]	202.155	2223.140	2207.122	0.000	2206.114	A [20]
Q [3]	330.214	2152.103	2136.085	2137.092	2135.077	Q [19]
D [4]	445.241	2024.040	2008.026	2009.034	2007.018	D [18]
F [5]	502.309	1909.018	1892.999	1894.007	1891.991	F [17]
K [6]	734.420	1761.949	1745.931	1746.938	1744.923	K [16]
T [7]	835.467	1619.839	1603.820	1604.828	1602.812	T [15]
D [8]	950.494	1518.791	1502.772	1503.780	1501.765	D [14]
L [9]	1063.578	1403.764	1387.745	1388.753	1386.738	L [13]
R [10]	1219.679	1290.680	1274.661	1275.669	1273.654	R [12]
F [11]	1356.748	1134.570	1118.560	1119.568	1117.552	F [11]
Q [12]	1494.806	987.511	971.492	972.500	970.484	Q [10]
S [13]	1581.838	859.452	843.433	844.441	842.425	S [9]
A [14]	1652.875	772.420	756.401	757.409	755.393	A [8]
A [15]	1723.913	701.383	685.364	686.372	684.356	A [7]
I [6]	1839.997	630.346	614.327	615.335	613.319	I [6]
Q [17]	1894.018	517.302	501.283	502.291	500.275	Q [5]
A [18]	1965.055	460.240	444.221	445.229	443.214	A [4]
L [19]	2078.139	389.203	373.184	374.192	372.177	L [3]
Q [20]	2206.198	276.119	260.100	261.108	259.092	Q [2]
E [21]	2335.240	148.060	132.042	133.050	131.034	E [1]

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=38.83
- ▶ F113873.dat
- ▶ query=q43886_p1
- ▶ precursor=779.414440
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1168.616	1160.607	0.504	1160.103	[21]
A [2]	101.561	1112.074	1104.064	0.504	1103.561	A[20]
Q [3]	165.610	1076.555	1068.546	1069.050	1068.042	Q[19]
D [4]	223.224	1042.526	1005.517	1005.021	1004.513	D[18]
F [5]	296.658	955.013	947.003	947.507	950.499	F[17]
K [6]	367.713	881.478	873.469	873.973	872.965	K[16]
T [7]	418.237	810.423	802.414	802.918	801.910	T[15]
D [8]	475.751	759.899	751.890	752.394	751.386	D[14]
L [9]	532.293	702.366	694.376	694.880	693.872	L[13]
R [10]	610.343	646.844	637.833	638.338	637.330	R[12]
F [11]	683.578	597.793	559.784	560.288	559.280	F[11]
Q [12]	747.907	494.259	486.250	486.753	485.745	Q[10]
S [13]	791.423	430.230	422.220	422.724	421.716	S[9]
A [14]	826.941	396.714	378.704	379.208	378.200	A[8]
A [15]	892.460	351.195	343.188	343.690	342.682	A[7]
I [16]	919.002	315.676	307.667	308.171	307.163	I[6]
G [17]	947.513	259.134	251.125	251.629	250.621	G[5]
A [18]	983.031	230.624	222.614	223.118	222.110	A[4]
L [19]	1039.573	195.105	187.096	187.600	186.592	L[3]
Q [20]	1103.603	138.563	130.554	131.058	130.050	Q[2]
E [21]	1168.124	74.534	66.524	67.028	66.021	E[1]



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=41.68
- ▶ F113873.dat
- ▶ query=q43888.p1
- ▶ precursor=779.414580
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
I	98.898	0.000	0.000	114.091	0.000	0.000	2356.225	2316.088	2316.214	I 21
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2256.114	2205.130	A 20
Q	139.012	282.985	0.000	113.181	286.166	0.000	2191.101	2126.071	2154.041	Q 19
D	160.219	363.193	382.209	426.214	341.197	410.203	2624.074	2607.018	2606.034	D 18
F	247.207	520.201	520.217	379.203	356.206	357.212	3469.010	3361.003	3391.037	F 17
K	480.268	672.212	671.205	271.207	270.266	269.252	3761.045	3744.023	3743.039	K 16
V	700.446	874.213	772.431	818.441	661.414	660.430	3518.030	3500.012	3501.028	V 15
D	1605.473	1688.436	1687.462	1313.468	1016.441	1015.457	3518.751	3501.703	3500.701	D 14
L	1013.529	1011.529	1001.540	1046.524	1032.522	1031.524	3461.704	3386.700	3385.704	L 13
R	1174.638	1171.631	1166.641	1202.633	1188.626	1187.642	3280.662	3272.644	3272.618	R 12
F	1321.726	1324.700	1321.710	1348.721	1332.699	1331.711	3134.979	3117.903	3116.908	F 11
Q	1640.780	1642.761	1641.774	1677.769	1660.751	1659.769	3067.511	3019.484	3019.500	Q 10
S	1826.817	1828.799	1812.800	1864.812	1847.785	1846.801	3002.402	3002.402	3041.441	S 9
A	1987.854	1989.827	1988.841	1929.846	1918.822	1917.838	2922.420	2925.393	2924.408	A 8
A	2176.891	2181.865	2180.881	2126.886	2109.859	2108.875	2701.383	2684.366	2683.372	A 7
I	1791.978	1797.958	1791.960	1819.970	1802.944	1801.960	630.346	613.319	612.319	I 6
C	1848.007	1851.983	1845.985	1879.986	1862.964	1861.980	517.262	500.239	499.241	C 5
A	1920.034	1921.007	1920.021	1948.026	1931.002	1930.018	463.262	449.254	448.258	A 4
L	1003.110	1003.101	1003.111	1004.100	1004.111	1004.100	389.203	372.177	371.183	L 3
Q	1011.170	1014.150	1013.150	1018.171	1017.145	1017.161	276.119	259.092	258.108	Q 2
E	2000.219	2001.200	2000.200	2010.214	2001.187	2000.200	148.190	0.000	148.190	E 1

sp | P84244 | H33_MOUSE

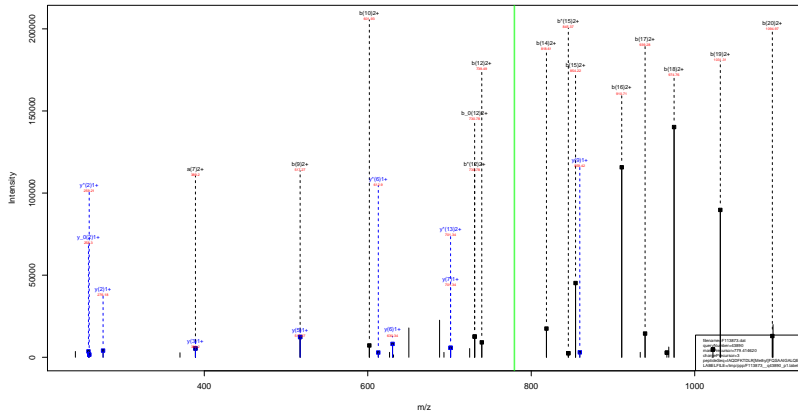
IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=41.68
- ▶ F113873.dat
- ▶ query=q43888.p1
- ▶ precursor=779.414580
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA			
R1	45	592	0.504	0.504	57	949	0.504	0.504	1168	818	1169	811	R21
A1	79	1070	0.504	0.504	81	959	0.504	0.504	1117	1074	1118	1061	A20
Q1	143	1747	1.008	0.504	149	1987	1.008	0.504	1076	1703	1077	1647	Q19
D1	209	2513	1.512	0.504	214	2611	1.512	0.504	1024	2459	1025	2329	D18
F1	274	3247	2.016	0.504	280	3341	2.016	0.504	972	3187	973	3057	F17
K1	340	3913	2.520	0.504	346	3997	2.520	0.504	920	3843	921	3713	K16
T1	405	4519	3.024	0.504	411	4603	3.024	0.504	868	4459	869	4329	T15
E1	471	5225	3.528	0.504	477	5309	3.528	0.504	816	5155	817	5025	E14
L1	536	5781	4.032	0.504	542	5853	4.032	0.504	764	5691	765	5561	L13
M1	602	6287	4.536	0.504	608	6361	4.536	0.504	712	6207	713	6077	M12
I1	667	6873	5.040	0.504	673	6937	5.040	0.504	660	6843	661	6713	I11
V1	733	7529	5.544	0.504	739	7581	5.544	0.504	608	7529	609	7399	V10
G1	798	8175	6.048	0.504	804	8229	6.048	0.504	556	8175	557	8045	G9
S1	864	8841	6.552	0.504	870	8895	6.552	0.504	504	8841	505	8711	S8
P1	929	9487	7.056	0.504	935	9541	7.056	0.504	452	9487	453	9357	P7
N1	995	10143	7.560	0.504	1001	10207	7.560	0.504	400	10143	401	10013	N6
Y1	1060	10839	8.064	0.504	1066	10983	8.064	0.504	348	10839	349	10709	Y5
H1	1126	11465	8.568	0.504	1132	11561	8.568	0.504	296	11465	297	11335	H4
C1	1191	12161	9.072	0.504	1197	12305	9.072	0.504	244	12161	245	12031	C3
R1	1257	12757	9.576	0.504	1263	12901	9.576	0.504	192	12757	193	12627	R2
A1	1322	13453	10.080	0.504	1328	13597	10.080	0.504	140	13453	141	13323	A1
D1	1388	14079	10.584	0.504	1394	14241	10.584	0.504	88	14079	89	13949	D0
F1	1453	14775	11.088	0.504	1459	14919	11.088	0.504	36	14775	37	14645	F0
K1	1519	15371	11.592	0.504	1525	15515	11.592	0.504	0	15371	0	15241	K0
T1	1584	16067	12.096	0.504	1590	16261	12.096	0.504	0	16067	0	15937	T0
E1	1650	16863	12.600	0.504	1656	17055	12.600	0.504	0	16863	0	16733	E0
L1	1715	17459	13.104	0.504	1721	17647	13.104	0.504	0	17459	0	17329	L0
M1	1781	18155	13.608	0.504	1787	18339	13.608	0.504	0	18155	0	18025	M0
I1	1846	18861	14.112	0.504	1852	19043	14.112	0.504	0	18861	0	18747	I0
V1	1912	19357	14.616	0.504	1918	19527	14.616	0.504	0	19357	0	19243	V0
G1	1977	19953	15.120	0.504	1983	19995	15.120	0.504	0	19953	0	19839	G0
S1	2043	20449	15.624	0.504	2049	20583	15.624	0.504	0	20449	0	20335	S0
P1	2108	20845	16.128	0.504	2114	20977	16.128	0.504	0	20845	0	20731	P0
N1	2174	21041	16.632	0.504	2180	21169	16.632	0.504	0	21041	0	20927	N0
Y1	2239	21237	17.136	0.504	2245	21301	17.136	0.504	0	21237	0	21123	Y0
H1	2305	21433	17.640	0.504	2311	21493	17.640	0.504	0	21433	0	21329	H0
C1	2370	21629	18.144	0.504	2376	21655	18.144	0.504	0	21629	0	21525	C0
R1	2436	21825	18.648	0.504	2442	21811	18.648	0.504	0	21825	0	21721	R0
A1	2501	22021	19.152	0.504	2507	22007	19.152	0.504	0	22021	0	21917	A0
D1	2567	22217	19.656	0.504	2573	22193	19.656	0.504	0	22217	0	22113	D0
F1	2632	22413	20.160	0.504	2638	22379	20.160	0.504	0	22413	0	22309	F0
K1	2698	22609	20.664	0.504	2704	22565	20.664	0.504	0	22609	0	22505	K0
T1	2763	22805	21.168	0.504	2769	22751	21.168	0.504	0	22805	0	22701	T0
E1	2829	23001	21.672	0.504	2835	22937	21.672	0.504	0	23001	0	22897	E0
L1	2894	23197	22.176	0.504	2900	23123	22.176	0.504	0	23197	0	23093	L0
M1	2960	23393	22.680	0.504	2966	23309	22.680	0.504	0	23393	0	23289	M0
I1	3025	23589	23.184	0.504	3031	23495	23.184	0.504	0	23589	0	23485	I0
V1	3091	23785	23.688	0.504	3097	23681	23.688	0.504	0	23785	0	23681	V0
G1	3156	23981	24.192	0.504	3162	23867	24.192	0.504	0	23981	0	23877	G0
S1	3222	24177	24.696	0.504	3228	24053	24.696	0.504	0	24177	0	24073	S0
P1	3287	24373	25.200	0.504	3293	24239	25.200	0.504	0	24373	0	24259	P0
N1	3353	24569	25.704	0.504	3359	24425	25.704	0.504	0	24569	0	24445	N0
Y1	3418	24765	26.208	0.504	3424	24611	26.208	0.504	0	24765	0	24641	Y0
H1	3484	24961	26.712	0.504	3490	24797	26.712	0.504	0	24961	0	24837	H0
C1	3549	25157	27.216	0.504	3555	24983	27.216	0.504	0	25157	0	25033	C0
R1	3615	25353	27.720	0.504	3621	25169	27.720	0.504	0	25353	0	25219	R0
A1	3680	25549	28.224	0.504	3686	25355	28.224	0.504	0	25549	0	25405	A0
D1	3746	25745	28.728	0.504	3752	25541	28.728	0.504	0	25745	0	25591	D0
F1	3811	25941	29.232	0.504	3817	25727	29.232	0.504	0	25941	0	25777	F0
K1	3877	26137	29.736	0.504	3883	25913	29.736	0.504	0	26137	0	25963	K0
T1	3942	26333	30.240	0.504	3948	26099	30.240	0.504	0	26333	0	26149	T0
E1	4008	26529	30.744	0.504	4014	26285	30.744	0.504	0	26529	0	26335	E0
L1	4073	26725	31.248	0.504	4079	26471	31.248	0.504	0	26725	0	26521	L0
M1	4139	26921	31.752	0.504	4145	26657	31.752	0.504	0	26921	0	26707	M0
I1	4204	27117	32.256	0.504	4210	26843	32.256	0.504	0	27117	0	26893	I0
V1	4270	27313	32.760	0.504	4276	27029	32.760	0.504	0	27313	0	27079	V0
G1	4335	27509	33.264	0.504	4341	27215	33.264	0.504	0	27509	0	27265	G0
S1	4401	27705	33.768	0.504	4407	27401	33.768	0.504	0	27705	0	27451	S0
P1	4466	27901	34.272	0.504	4472	27587	34.272	0.504	0	27901	0	27637	P0
N1	4532	28097	34.776	0.504	4538	27773	34.776	0.504	0	28097	0	27823	N0
Y1	4597	28293	35.280	0.504	4603	27959	35.280	0.504	0	28293	0	28009	Y0
H1	4663	28489	35.784	0.504	4669	28145	35.784	0.504	0	28489	0	28195	H0
C1	4728	28685	36.288	0.504	4734	28331	36.288	0.504	0	28685	0	28381	C0
R1	4794	28881	36.792	0.504	4800	28517	36.792	0.504	0	28881	0	28567	R0
A1	4859	29077	37.296	0.504	4865	28703	37.296	0.504	0	29077	0	28753	A0
D1	4925	29273	37.800	0.504	4931	28889	37.800	0.504	0	29273	0	28939	D0
F1	4990	29469	38.304	0.504	4996	29075	38.304	0.504	0	29469	0	29125	F0
K1	5056	29665	38.808	0.504	5062	29261	38.808	0.504	0	29665	0	29311	K0
T1	5121	29861	39.312	0.504	5127	29447	39.312	0.504	0	29861	0	29497	T0
E1	5187	30057	39.816	0.504	5193	29633	39.816	0.504	0	30057	0	29683	E0
L1	5252	30253	40.320	0.504	5258	29819	40.320	0.504	0	30253	0	29869	L0
M1	5318	30449	40.824	0.504	5324	30005	40.824	0.504	0	30449	0	30055	M0
I1	5383	30645	41.328	0.504	5389	30191	41.328	0.504	0	30645	0	30241	I0
V1	5449	30841	41.832	0.504	5455	30377	41.832	0.504	0	30841	0	30427	V0
G1	5514	31037	42.336	0.504	5521	30563	42.336	0.504	0	31037	0	30613	G0
S1	5580	31233	42.840	0.504	5587	30749	42.840	0.504	0	31233	0	30799	S0
P1	5645	31429	43.344	0.504	5651	30935	43.344	0.504	0	31429	0	30985	P0
N1	5711	31625	43.848	0.504	5717	31121	43.848	0.504	0	31625	0	31171	N0
Y1	5776	31821	44.352	0.504	5782	31307	44.352	0.504	0	31821	0	31357	Y0
H1	5842	32017	44.856	0.504	5848	31493	44.856	0.504	0	32017	0	31543	H0
C1	5907	32213	45.360	0.504	5913	31679	45.360	0.504	0	32213	0	31729	C0
R1	5973	32409	45.864	0.504	5979	31865	45.864	0.504	0	32409	0	31915	R0
A1	6038	32605	46.368	0.504	6044	32051	46.368	0.504	0	32605	0	32101	A0
D1													

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Methyl} FQSAAIGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=65.91
- ▶ F113873.dat
- ▶ query=q43890_p1
- ▶ precursor=779.414620
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2310.088	2318.214	I 23
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2205.130	A 20
Q	139.012	382.989	0.000	113.181	289.166	0.000	2351.101	2326.077	2324.093	Q 19
D	400.219	363.193	382.208	426.214	311.187	410.203	2624.050	2607.018	2606.034	D 18
F	347.207	520.201	520.277	375.202	326.206	327.272	1669.011	1661.993	1661.007	F 17
K	625.082	658.208	687.212	303.207	688.211	625.207	1781.945	1744.923	1743.939	K 16
V	179.436	338.434	704.420	304.425	187.428	338.414	1833.994	1818.928	1817.944	V 15
D	391.437	314.413	373.440	303.463	360.425	301.481	1532.837	1515.785	1514.798	D 14
L	1034.241	697.533	688.531	1032.529	1013.502	1014.528	1417.700	1400.712	1399.700	L 13
R	1174.838	1171.813	1186.801	1202.813	1183.808	1184.812	1386.699	1387.698	1386.699	R 12
F	1321.728	1324.703	1321.710	1348.721	1332.699	1331.711	1134.979	1117.953	1116.968	F 11
Q	1640.702	1642.701	1641.714	1677.703	1660.701	1659.709	687.511	687.504	686.920	Q 10
S	1638.617	1639.709	1632.800	1664.812	1647.185	1646.201	839.452	842.425	841.441	S 9
A	1007.254	1000.252	1000.243	1020.264	1018.272	1017.268	771.200	770.201	770.408	A 8
A	1076.891	1061.885	1060.881	1108.898	1089.879	1088.875	701.383	684.368	683.372	A 7
I	1791.978	1774.988	1771.983	1819.979	1802.944	1801.980	638.346	613.319	612.310	I 6
C	1668.907	1651.910	1648.901	1679.910	1670.864	1669.870	517.262	508.229	507.241	C 5
A	1000.034	1001.033	1002.021	1048.029	1031.032	1030.018	463.262	445.214	444.230	A 4
L	1051.116	1051.091	1051.101	1061.111	1054.088	1054.111	389.203	374.171	371.191	L 3
Q	1051.170	1044.159	1043.160	1088.171	1072.145	1071.161	276.119	259.092	258.108	Q 2
E	2000.219	2001.203	2000.201	2010.214	2001.187	2000.201	148.980	0.000	148.980	E 1

sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=65.91
- ▶ F113873.dat
- ▶ query=q43890_p1
- ▶ precursor=779.414620
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA
R1	45.952	0.504	0.504	57.945	0.504	0.504	1168.818	1169.323	1169.831	R21
A1	79.910	0.504	0.504	81.903	0.504	0.504	1114.014	1114.519	1115.021	A20
Q1	143.131	1.008	0.504	151.081	1.008	0.504	1017.903	1018.408	1018.911	Q19
D1	209.111	1.512	1.008	214.111	1.512	1.008	851.202	851.707	852.211	D18
F1	274.149	2.016	1.512	288.141	2.016	1.512	779.140	779.645	780.149	F17
K1	338.135	2.520	2.016	352.132	2.520	2.016	641.181	641.686	642.191	K16
T1	380.119	3.024	2.520	412.111	3.024	2.520	569.111	569.616	570.119	T15
D1	446.102	3.528	3.024	460.102	3.528	3.024	491.224	491.729	492.231	D14
L1	502.174	4.032	3.528	516.772	4.032	3.528	419.261	419.766	700.880	L13
M1	559.113	4.536	4.032	661.830	4.536	4.032	351.302	351.807	352.311	M12
P1	591.104	5.040	4.536	625.104	5.040	4.536	299.339	299.844	300.349	P11
Q1	673.104	5.544	5.040	739.384	730.880	730.386	251.381	251.886	252.391	Q10
S1	709.111	6.048	5.544	719.111	6.048	5.544	214.386	214.891	215.396	S10
A1	779.111	6.552	6.048	818.428	6.552	6.048	179.411	179.916	180.421	A9
A1	839.109	7.056	6.552	853.947	845.433	844.941	151.105	151.610	152.110	A7
I1	895.101	7.560	7.056	887.101	910.489	901.975	121.101	121.606	122.111	I6
G1	979.103	8.064	7.560	938.999	930.486	921.974	239.134	239.639	240.144	G5
A1	999.101	8.568	8.064	974.518	966.005	965.513	211.134	211.639	212.144	A4
L1	1011.101	9.072	8.568	1031.060	1022.547	1022.055	181.135	181.640	182.140	L3
Q1	1081.104	9.576	9.072	1095.089	1086.576	1078.064	151.134	151.639	152.144	Q3
R1	1149.111	10.080	9.576	1159.111	1150.601	1142.087	119.136	119.641	120.141	R1

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=52.11
- ▶ F113873.dat
- ▶ query=q43891_p1
- ▶ precursor=779.414640
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
I(3)	86.898	0.000	0.000	114.080	0.000	0.000	2136.220	2310.100	2418.224	I(2)
A(2)	637.134	0.000	0.000	189.120	0.000	0.000	2223.100	2206.114	2206.114	A(20)
Q(3)	326.162	0.000	0.000	131.180	0.000	0.000	2132.200	2130.070	2130.070	Q(16)
D(4)	400.219	383.193	382.200	420.214	411.187	410.203	2024.050	2020.010	2020.010	D(10)
F(5)	847.287	536.261	526.277	578.265	558.258	557.272	1886.030	1884.990	1884.007	F(17)
K(6)	688.398	672.212	671.380	717.393	700.396	699.200	2141.040	2144.920	2143.010	K(16)
T(7)	790.446	774.419	773.420	818.441	801.444	800.430	1838.870	1836.810	1836.810	T(15)
D(8)	905.473	888.446	887.445	933.468	916.441	915.427	2130.750	2130.750	2130.750	D(14)
L(9)	1013.500	1001.500	1000.500	1046.522	1029.525	1028.510	1430.700	1430.700	1430.700	L(13)
R(10)	1174.608	1157.601	1156.601	1199.600	1182.603	1181.602	2280.000	2277.990	2277.990	R(12)
F(11)	1321.728	1304.720	1303.720	1346.720	1329.723	1328.720	2131.710	2131.710	2131.710	F(11)
Q(12)	1440.780	1422.780	1421.770	1477.780	1460.773	1459.760	1807.530	1807.530	1807.530	Q(10)
S(13)	1536.817	1520.780	1519.800	1564.812	1547.785	1546.800	1807.480	1807.480	1807.480	S(10)
A(14)	1699.854	1680.807	1680.840	1725.840	1708.844	1707.840	1714.810	1714.810	1714.810	A(10)
A(15)	1872.891	1854.880	1850.880	1908.880	1890.880	1889.870	701.383	684.380	684.380	A(17)
I(16)	1791.978	1774.980	1771.980	1819.970	1802.944	1801.950	630.346	613.310	613.310	I(16)
G(17)	1848.987	1831.980	1828.980	1878.980	1860.980	1859.980	517.293	500.235	489.210	G(16)
A(18)	1920.004	1903.000	1902.020	1948.020	1931.002	1930.010	480.250	443.214	443.210	A(14)
L(19)	2033.118	1998.091	1995.100	2058.110	2040.088	2041.100	389.293	372.177	371.180	L(10)
Q(20)	2081.170	2044.158	2043.160	2088.170	2071.145	2071.150	276.118	260.082	258.108	Q(10)
D(21)	2296.219	2271.193	2270.200	2309.210	2291.187	2290.200	140.000	0.000	0.000	D(10)

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSAAGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=52.11
- ▶ F113873.dat
- ▶ query=q43891_p1
- ▶ precursor=779.414640
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
R1	45 592	0 504	0 504	57 940	0 504	0 504	1168 810	1169 314	1169 811	R21
A1	79 100	0 504	0 504	81 069	0 504	0 504	1117 074	1117 578	1117 089	A20
Q1	143 131	143 700	0 504	143 597	140 584	0 504	1076 555	1082 054	1087 551	Q10
D1	200 613	199 700	199 500	245 511	200 589	0 504	1002 508	1007 511	1012 511	D10
F1	274 247	265 634	265 141	308 141	278 632	278 140	951 013	956 493	961 971	F11
K1	345 231	336 680	336 189	389 200	350 687	350 195	881 473	887 953	894 431	K10
T1	400 217	391 213	389 141	438 141	401 211	400 210	810 441	816 921	823 401	T10
E1	451 260	444 737	444 235	467 237	468 724	458 232	750 859	751 358	750 864	E14
L1	509 182	501 220	500 771	501 870	515 208	514 774	702 280	681 872	693 380	L13
M1	567 613	559 321	558 821	661 830	588 317	587 821	602 281	607 781	612 681	M12
P1	604 304	602 304	602 303	602 304	600 303	600 303	507 793	509 293	510 793	P11
Q12	725 294	716 883	716 381	739 384	730 880	730 380	604 281	606 781	607 281	Q10
S13	780 613	760 309	759 307	760 311	774 306	774 304	438 232	441 731	441 234	S10
A14	839 613	830 442	829 442	818 428	838 612	838 611	309 111	310 260	311 760	A10
A15	839 949	831 431	830 944	851 947	865 431	864 931	351 135	352 631	353 131	A11
I16	895 493	887 031	887 488	910 489	921 019	921 453	313 010	317 010	320 011	I10
G17	929 880	920 480	919 880	938 995	953 480	952 984	239 024	240 524	241 024	G10
A18	980 521	982 220	981 521	974 518	966 005	965 513	230 024	232 511	231 010	A14
L19	1017 263	1020 549	1020 057	1031 060	1022 547	1022 055	185 135	186 382	186 130	L10
Q10	1081 474	1077 717	1077 480	1095 089	1088 579	1088 578	110 261	110 261	110 261	Q10
R21	1149 813	1137 200	1136 695	1136 811	1151 097	1150 595	74 534	0 504	65 529	R10

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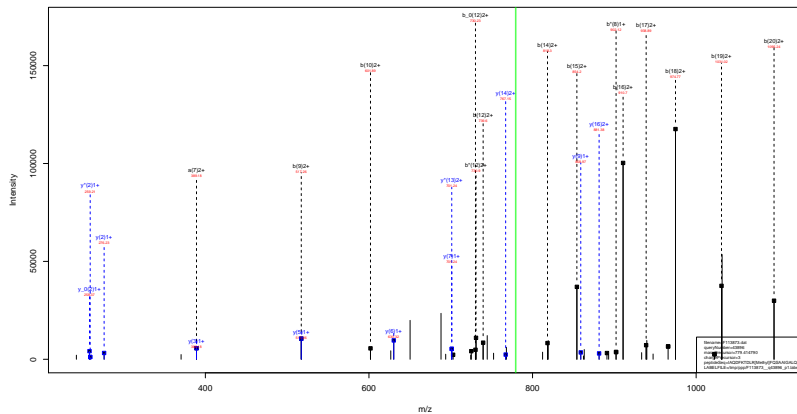
IAQDFK ^{Methyl} 14.02 TDLRFQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=58.29
- ▶ F113873.dat
- ▶ query=q43893_p1
- ▶ precursor=1168.618400
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a+b	b	b'	b+a'	a	a'	a+b	AA
A1	187.134	0.000	0.000	174.093	0.000	0.000	2132.223	2132.184	2132.174	T21
A2	187.134	0.000	0.000	188.134	0.000	0.000	2223.243	2223.174	2223.130	A20
Q3	205.192	208.155	0.000	353.187	236.140	0.000	2132.103	2130.073	2134.093	Q19
H4	205.192	208.155	208.200	248.191	411.189	0.000	2009.049	2009.049	2009.049	L20
F5	247.237	332.231	439.223	476.206	308.206	347.222	1989.031	1989.041	1989.087	F17
K6	308.280	372.232	479.223	717.393	700.360	386.282	2179.049	1744.923	1743.939	K16
L7	308.280	372.232	479.223	818.441	803.414	406.430	1818.839	1809.822	1807.828	L15
G8	308.280	388.440	487.462	933.468	916.441	915.457	1518.791	1503.765	1503.761	G14
L9	308.280	388.440	488.440	1048.522	1038.426	1048.521	1403.768	1388.738	1388.754	L13
M10	317.408	417.401	534.899	1202.523	1188.428	1188.491	1296.688	1277.694	1277.691	M12
F11	332.728	434.703	533.731	1348.723	1332.699	1332.713	1218.973	1117.953	1118.968	F11
Q12	1448.785	1447.781	1431.739	1477.780	1460.753	1460.789	987.511	978.484	969.511	Q12
S13	1532.617	1532.700	1518.806	1504.781	1547.885	1548.881	856.452	848.428	841.441	S10
A14	1587.614	1576.611	1569.661	1535.974	1518.922	1518.911	772.428	769.391	764.390	A16
A15	1670.681	1661.678	1661.688	1706.886	1689.859	1689.871	701.381	698.351	693.372	A17
L16	1791.075	1778.660	1772.660	1819.970	1802.644	1802.662	636.546	613.519	612.535	L11
Q17	1846.991	1831.979	1829.969	1849.969	1831.962	1831.969	629.961	609.233	606.251	Q18
A18	1900.934	1888.931	1888.929	1894.926	1871.902	1871.918	489.949	481.214	481.209	A18
L19	2039.118	2029.091	2015.101	2054.098	2044.086	2043.102	389.281	374.174	374.191	L19
Q20	2181.176	2164.153	2143.100	2179.114	2172.148	2171.161	309.111	294.084	294.108	Q20
E21	2286.218	2273.189	2272.201	2318.214	2301.187	2300.201	149.000	0.000	139.000	E21

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Methyl} FQSAAIGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=60.45
- ▶ F113873.dat
- ▶ query=q43896.p1
- ▶ precursor=779.414790
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.225	2310.088	2318.214	I 21
A	137.134	0.000	0.000	105.120	0.000	0.000	2221.140	2206.114	2205.130	A 20
Q	138.012	282.987	0.000	113.187	286.166	0.000	2351.101	2326.077	2324.047	Q 19
D	400.219	363.193	382.200	426.214	411.187	410.203	2624.076	2607.018	2606.034	D 18
F	347.207	320.201	320.277	375.202	356.206	357.272	1669.011	1661.993	1661.007	F 17
K	425.082	408.208	487.372	703.377	686.251	685.267	1761.945	1744.923	1743.939	K 16
V	179.430	166.414	166.420	184.426	177.368	176.414	1633.994	1616.928	1615.944	V 15
D	891.457	874.431	873.448	919.463	902.425	901.441	1552.857	1515.789	1514.798	D 14
L	1104.241	1077.233	1081.232	1122.230	1013.202	1012.208	1417.826	1400.752	1399.760	L 13
R	1174.838	1157.821	1156.849	1202.831	1128.806	1127.812	1386.942	1369.899	1368.908	R 12
F	1321.728	1294.705	1293.710	1348.721	1232.689	1231.711	1134.979	1117.903	1116.908	F 11
Q	1640.702	1622.700	1631.714	1677.703	1600.701	1600.699	1067.911	1050.844	1050.800	Q 10
S	1638.617	1619.709	1618.800	1664.812	1547.785	1546.801	859.452	842.426	841.441	S 9
A	1007.254	988.252	989.261	1035.264	918.232	917.238	793.900	775.874	774.888	A 8
A	1076.891	1061.885	1060.881	1108.885	1000.859	1000.875	701.383	684.366	683.372	A 7
I	1191.978	1174.968	1173.961	1219.970	1092.944	1091.950	638.346	613.319	612.313	I 6
C	1048.907	1031.893	1030.886	1076.896	959.864	958.870	517.262	500.239	499.244	C 5
A	1000.034	1001.001	1002.021	1048.025	1001.002	1001.018	463.262	445.244	444.238	A 4
L	1051.110	1038.101	1035.111	1084.106	981.111	980.116	389.203	374.171	373.161	L 3
Q	1051.170	1044.159	1043.160	1088.173	1017.145	1017.161	276.119	259.092	258.108	Q 2
E	2000.219	2000.200	2000.200	2010.214	2001.187	2000.200	148.980	0.000	148.980	E 1

sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=60.45
- ▶ F113873.dat
- ▶ query=q43896.p1
- ▶ precursor=779.414790
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA
R1	45.592	0.504	0.504	57.949	0.504	0.504	1168.818	1192.521	1193.811	R21
A1	79.107	0.504	0.504	81.069	0.504	0.504	1117.074	1193.581	1193.889	A20
Q1	143.131	1.008	0.504	149.589	1.008	0.504	1076.565	1088.074	1087.630	Q19
D1	209.513	1.512	1.008	214.511	1.512	0.508	1017.202	1095.811	1093.511	D18
F1	274.249	2.016	1.512	288.143	2.016	1.012	955.183	988.493	986.907	F17
K1	338.125	2.520	2.016	352.192	2.520	1.516	881.478	972.985	972.478	K16
T1	380.719	3.024	2.520	416.212	3.024	2.020	805.711	917.491	916.426	T15
D1	446.557	3.528	3.024	482.232	3.528	2.524	716.307	838.304	837.802	D14
L1	512.174	4.032	3.528	516.772	4.032	3.028	678.584	700.880	700.180	L13
M1	577.813	4.536	4.032	601.830	4.536	3.532	612.867	644.188	644.089	M12
P1	643.394	5.040	4.536	705.384	5.040	4.036	557.793	599.292	599.189	P11
Q1	725.396	5.544	5.040	739.384	730.880	730.386	494.287	495.740	493.254	Q10
S1	790.812	6.048	5.544	858.936	6.048	5.548	438.222	441.710	441.254	S10
A1	856.813	6.552	6.048	818.428	6.552	6.052	398.424	399.414	397.980	A10
A1	922.849	7.056	6.552	937.944	853.947	848.941	351.185	343.483	342.180	A10
I1	988.493	7.560	7.056	1057.488	910.489	901.975	301.483	313.814	307.183	I10
C1	1054.089	8.064	7.560	938.995	938.995	938.995	259.994	260.991	260.719	C10
A1	1090.521	8.568	8.064	974.518	966.005	965.513	220.524	222.110	221.810	A10
L1	1117.063	9.072	8.568	1031.060	1022.547	1022.055	181.105	180.392	180.110	L10
Q1	1183.494	9.576	9.072	1095.089	1095.089	1095.089	139.584	139.881	139.580	Q10
R21	1149.513	11.136	11.064	1158.611	1151.097	1152.062	74.534	0.504	45.529	R11

sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=54.68
- ▶ F113873.dat
- ▶ query=q43897_p1
- ▶ precursor=779.414920
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,β	b	b'	b,β	y	y'	y,β	AA
I(3)	86.898	0.000	0.000	114.091	0.000	0.000	218.224	218.224	218.224	I(2)
A(2)	137.134	0.000	0.000	185.129	0.000	0.000	223.140	223.140	223.140	A(26)
Q(3)	185.162	185.162	0.000	213.287	208.168	0.000	218.224	218.224	218.224	Q(16)
D(4)	490.219	383.383	382.200	428.924	411.187	410.203	2594.953	2020.015	2008.919	D(16)
F(5)	847.287	538.281	528.277	578.282	558.258	557.272	1886.038	1886.999	1886.007	F(17)
K(6)	875.282	608.285	607.272	703.277	686.251	685.267	2181.043	1744.923	1743.939	K(16)
T(7)	878.438	708.449	708.428	804.428	787.388	786.414	1838.859	1838.828	1838.844	T(15)
D(8)	891.457	614.443	613.448	619.462	902.425	901.441	2530.282	1515.789	1514.796	D(14)
L(9)	1084.541	687.533	686.532	1032.536	1014.528	1013.528	1420.753	1389.760	1388.768	L(13)
R(10)	1174.618	1187.611	1186.644	1220.611	1185.626	1184.612	1398.988	1289.988	1288.988	R(12)
F(11)	1321.728	1324.708	1323.720	1348.721	1320.702	1319.711	1334.579	1117.555	1116.568	F(11)
Q(12)	1440.802	1442.781	1441.770	1477.789	1460.773	1459.789	1807.531	1769.504	1768.507	Q(10)
S(13)	1536.817	1529.789	1518.808	1564.812	1547.785	1546.801	1807.482	1842.428	1841.441	S(10)
A(14)	1599.894	1599.817	1598.843	1628.894	1618.884	1617.892	1714.501	1657.381	1656.388	A(10)
A(15)	1812.891	1804.889	1800.881	1808.886	1808.889	1808.879	701.383	684.358	683.372	A(1)
I(16)	1791.878	1774.889	1771.881	1810.870	1802.844	1801.850	630.346	613.319	612.335	I(6)
Q(17)	1848.867	1831.878	1828.888	1878.862	1869.869	1868.878	517.282	500.235	499.251	Q(8)
A(18)	1920.924	1903.939	1902.923	1948.929	1931.922	1930.918	460.240	443.234	442.238	A(4)
L(19)	2033.918	1918.891	1915.101	2061.111	2044.888	2043.100	389.293	372.177	371.183	L(8)
Q(20)	2051.916	1944.128	1943.186	2189.911	2172.145	2171.151	376.118	259.892	258.108	Q(2)
D(21)	2296.919	2271.103	2270.208	2318.914	2303.187	2302.203	146.988	146.988	146.988	D(1)

sp | P84244 | H33_MOUSE

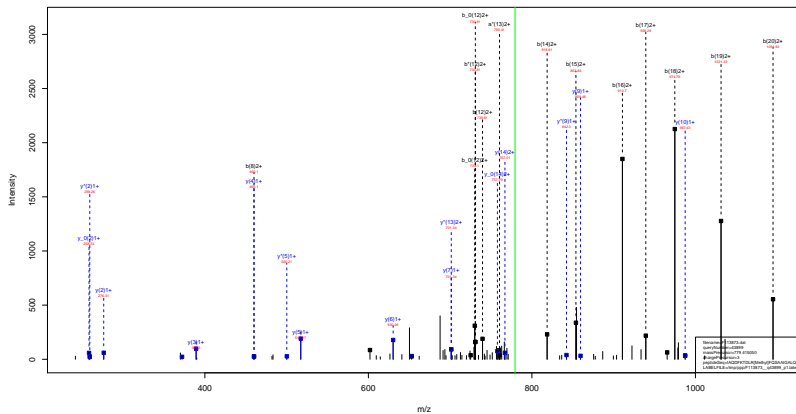
IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=54.68
- ▶ F113873.dat
- ▶ query=q43897_p1
- ▶ precursor=779.414920
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA
R1	45.592	0.504	0.504	57.946	0.504	0.504	1168.818	1169.322	1169.811	R21
A1	79.107	0.504	0.504	81.069	0.504	0.504	1114.074	1114.578	1115.069	A20
Q1	143.131	1.008	0.504	149.589	1.008	0.504	1076.502	1077.014	1077.501	Q19
D1	209.113	1.512	1.008	214.811	1.512	1.008	1019.202	1019.714	1020.201	D18
F1	274.149	2.016	1.512	280.141	2.016	1.512	979.140	979.652	980.141	F17
K1	338.175	2.520	2.016	343.192	2.520	2.016	941.181	941.693	942.175	K16
T1	380.119	3.024	2.520	385.119	3.024	2.520	903.111	903.623	904.119	T15
D1	406.122	4.032	3.024	410.122	4.032	3.024	865.122	865.634	866.122	D14
L1	432.174	4.536	4.032	437.172	4.536	4.032	827.174	827.686	828.174	L13
M1	487.413	5.040	4.536	491.413	5.040	4.536	789.413	789.925	790.413	M12
P1	501.304	5.544	5.040	505.304	5.544	5.040	751.304	751.816	752.304	P11
Q1	575.304	7.104	6.048	579.304	7.104	6.048	713.304	713.816	714.304	Q10
S1	716.312	8.664	7.560	720.312	8.664	7.560	675.312	675.824	676.312	S10
A1	768.312	9.672	8.568	772.312	9.672	8.568	637.312	637.824	638.312	A10
A1	830.349	10.176	9.072	834.349	10.176	9.072	599.349	599.861	600.349	A10
L1	895.401	10.680	9.576	899.401	10.680	9.576	561.401	561.913	562.401	L10
C1	929.483	11.184	10.080	933.483	11.184	10.080	523.483	523.995	524.483	C10
A1	990.521	11.688	10.584	994.521	11.688	10.584	485.521	486.033	486.521	A10
L1	1017.063	12.192	11.088	1021.063	12.192	11.088	447.063	447.575	448.063	L10
Q1	1081.064	12.696	11.592	1085.064	12.696	11.592	409.064	409.576	410.064	Q10
R1	1149.513	13.200	12.096	1153.513	13.200	12.096	371.513	372.025	372.513	R10

sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Methyl} 14.02 FQSAAIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=48.86
- ▶ F113873.dat
- ▶ query=q43899_p1
- ▶ precursor=779.415050
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2356.220	2310.088	2318.214	I 23
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2205.130	A 20
Q	159.012	282.989	0.000	113.189	289.166	0.000	2350.100	2326.074	2324.049	Q 19
D	160.219	263.193	382.200	125.214	311.187	410.203	2624.050	2607.015	2606.034	D 18
F	167.207	531.201	150.277	129.263	326.256	357.272	3089.010	3061.993	3061.007	F 17
K	167.582	626.264	487.372	103.372	488.351	605.357	3761.945	3744.923	3743.939	K 16
V	179.430	759.404	704.420	104.426	479.368	506.414	3533.904	3516.878	3515.894	V 15
D	181.457	374.411	871.440	103.463	360.425	301.441	3532.852	3515.865	3514.798	D 14
L	183.541	887.515	880.531	110.529	301.500	301.458	3417.780	3400.751	3399.765	L 13
R	1174.838	21.7	1196.860	1202.873	1103.868	1194.862	3384.862	3367.899	3366.880	R 12
F	1321.728	1394.705	1301.710	1348.721	1332.699	1331.711	3134.979	3117.953	3116.968	F 11
Q	1440.702	1442.709	1431.714	1477.709	1460.711	1459.709	307.511	305.504	305.500	Q 10
S	1520.617	1519.709	1512.800	1564.612	1547.605	1546.601	859.452	842.425	841.441	S 9
A	1607.554	1606.612	1599.641	1655.604	1638.612	1637.608	773.500	770.503	770.499	A 8
A	1676.691	1661.695	1650.681	1705.690	1688.693	1688.679	701.383	684.369	683.372	A 7
I	1791.978	1774.988	1771.963	1819.970	1802.944	1801.950	630.346	613.330	612.333	I 6
C	1848.907	1831.913	1821.880	1876.904	1859.894	1858.901	511.263	500.235	499.241	C 5
A	1909.934	1891.937	1880.921	1948.929	1931.932	1930.933	460.240	443.214	442.230	A 4
L	2031.116	2018.109	2005.111	2064.111	2044.100	2043.109	389.203	372.177	371.191	L 3
Q	2051.170	2044.159	2043.150	2098.171	2072.145	2071.161	276.119	259.092	258.108	Q 2
E	2060.219	2049.193	2049.201	2019.214	2018.187	2019.201	148.990	0.000	148.990	E 1

sp | P84244 | H33_MOUSE

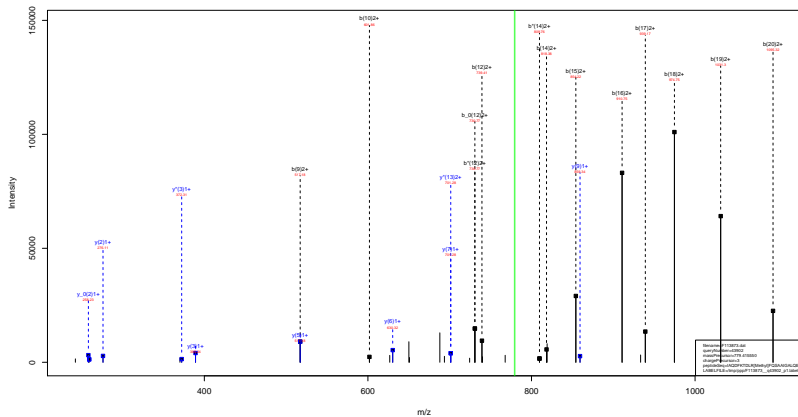
IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=48.86
- ▶ F113873.dat
- ▶ query=q43899_p1
- ▶ precursor=779.415050
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
I	43	602	639	255	17	541	639	1166	639	1166	I21
A	2	76	77	639	639	639	639	1112	639	1113	A25
D	3	143	150	154	161	168	175	182	189	196	D19
D	4	200	213	232	251	270	289	308	327	346	D16
F	5	274	287	306	325	344	363	382	401	420	F17
K	6	338	351	370	389	408	427	446	465	484	K16
L	7	400	413	432	451	470	489	508	527	546	L15
D	8	446	459	478	497	516	535	554	573	592	D14
L	9	502	515	534	553	572	591	610	629	648	L13
R	10	557	570	589	608	627	646	665	684	703	R12
F	11	594	607	626	645	664	683	702	721	740	F11
Q	12	725	738	757	776	795	814	833	852	871	Q10
S	13	788	801	820	839	858	877	896	915	934	S10
A	14	848	861	880	899	918	937	956	975	994	A10
A	15	930	943	962	981	1000	1019	1038	1057	1076	A11
I	16	1005	1018	1037	1056	1075	1094	1113	1132	1151	I10
G	17	1078	1091	1110	1129	1148	1167	1186	1205	1224	G10
A	18	1060	1073	1092	1111	1130	1149	1168	1187	1206	A14
L	19	1017	1030	1049	1068	1087	1106	1125	1144	1163	L10
Q	20	1081	1094	1113	1132	1151	1170	1189	1208	1227	Q10
D	21	1148	1161	1180	1199	1218	1237	1256	1275	1294	D10

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Methyl} FQSAAIGALQE
14.02



sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=72.57
- ▶ F113873.dat
- ▶ query=q43902_p1
- ▶ precursor=779.415550
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
I	98.098	0.000	0.000	114.091	0.000	0.000	2356.225	2310.088	2310.088	I
A	137.134	0.000	0.000	105.129	0.000	0.000	2221.140	2206.114	2206.114	A
Q	159.012	282.987	0.000	113.187	289.169	0.000	2351.101	2326.077	2326.077	Q
D	160.219	303.193	382.208	126.214	311.197	410.203	2624.050	2607.018	2606.034	D
F	167.207	320.201	420.217	129.202	326.206	437.212	3069.010	3061.001	3061.007	F
K	167.582	328.208	487.212	131.207	338.211	486.217	3261.945	3244.923	3243.939	K
V	179.436	338.414	704.420	134.425	347.428	717.438	338.414	3338.394	3310.328	V
D	181.437	314.413	871.430	109.463	360.425	361.441	3532.831	3515.783	3514.798	D
L	183.431	367.433	881.431	132.432	361.430	361.430	3614.528	3617.700	3609.700	L
R	1174.818	1171.811	1186.809	1162.811	1181.808	1184.812	1386.809	1287.809	1288.809	R
P	1321.728	1324.730	1331.710	1348.721	1332.699	1331.711	1334.679	1317.583	1316.568	P
Q	1640.780	1642.781	1641.774	1647.769	1640.781	1650.769	167.511	167.504	166.500	Q
S	1638.617	1639.769	1642.800	1648.812	1647.783	1646.801	859.452	862.426	861.441	S
A	1687.254	1688.251	1689.241	1690.246	1681.232	1671.230	771.230	770.231	764.808	A
A	1676.891	1681.889	1680.881	1708.888	1689.879	1688.879	701.383	684.368	683.372	A
I	1791.978	1794.988	1791.980	1819.979	1802.944	1801.980	638.346	613.319	612.310	I
C	1848.907	1841.910	1841.900	1870.909	1859.884	1858.907	517.262	501.239	499.241	C
A	1900.034	1901.031	1902.021	1948.029	1931.002	1930.010	463.262	449.254	444.238	A
L	2031.110	2031.101	2031.101	2061.111	2054.080	2061.111	389.203	372.177	371.191	L
Q	2051.170	2044.159	2043.150	2088.171	2072.145	2071.161	276.119	259.092	258.108	Q
E	2060.219	2059.199	2059.201	2010.214	2010.187	2010.201	148.190	0.000	148.190	E

sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Methyl} FQSAAIGALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=72.57
- ▶ F113873.dat
- ▶ query=q43902_p1
- ▶ precursor=779.415550
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ^o	b	b'	b ^o	y	y'	y ^o	AA
I(3)	43.602	0.500	0.500	37.040	0.504	0.500	1186.830	1186.330	1186.831	I(2)
A(2)	78.070	0.504	0.500	33.080	0.504	0.504	1112.034	1110.543	1110.039	A(2)
Q(3)	124.100	1.514	0.504	137.080	1.481	0.504	1076.583	1088.042	1089.539	Q(1)
D(4)	200.013	192.330	191.600	214.911	206.097	205.400	1032.520	1004.913	1003.512	D(1)
F(5)	274.147	265.814	265.147	288.147	279.632	279.140	995.033	948.490	946.007	F(1)
K(6)	338.190	329.662	329.190	352.192	343.679	343.191	881.433	872.895	872.412	K(1)
T(7)	400.219	389.295	389.219	400.219	394.203	393.711	817.431	808.911	808.426	T(1)
D(8)	446.232	437.710	437.232	460.231	451.710	451.234	756.950	738.344	737.900	D(1)
L(9)	502.274	494.261	494.261	516.772	508.758	507.766	700.261	700.880	700.380	L(1)
R(10)	557.313	547.301	547.301	571.830	563.817	562.825	630.291	644.738	644.199	R(1)
F(11)	594.357	582.354	582.352	607.354	599.351	598.359	563.251	555.250	554.760	F(1)
Q(12)	672.396	708.401	710.399	739.394	730.400	730.388	498.250	498.748	498.254	Q(1)
S(13)	698.412	700.399	700.399	707.400	707.399	707.399	430.250	424.718	424.234	S(1)
A(14)	804.414	810.417	810.420	815.420	809.415	809.423	359.414	359.000	359.416	A(1)
A(15)	830.469	831.430	830.941	851.947	845.431	844.941	351.100	347.980	347.190	A(1)
I(16)	886.461	887.430	887.430	910.469	901.430	901.423	313.030	307.181	306.671	I(1)
G(17)	978.500	978.469	978.500	978.500	978.469	978.500	259.134	260.021	260.021	G(1)
A(18)	990.521	992.503	991.513	974.518	966.500	965.513	230.024	223.110	223.018	A(1)
L(19)	1017.681	1008.549	1008.011	1031.660	1022.547	1022.020	190.100	189.700	189.100	L(1)
Q(20)	1081.692	1072.529	1072.000	1095.690	1086.526	1086.004	130.003	130.000	129.500	Q(1)
D(21)	1148.713	1137.560	1137.000	1150.710	1141.560	1141.000	78.500	78.500	78.000	D(1)

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.40
- ▶ F113873.dat
- ▶ query=q44083.p1
- ▶ precursor=784.085270
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	131.118	2350.240	2334.221	0.000	2333.214	I [21]
A [2]	202.155	2237.156	2221.137	0.000	2220.130	A [20]
Q [3]	330.214	2106.119	2150.100	2151.108	2149.092	Q [19]
D [4]	445.241	2038.060	2022.043	2073.040	2021.034	D [18]
F [5]	592.309	1923.033	1907.015	1908.023	1905.007	F [17]
K [6]	748.435	1775.965	1759.946	1760.954	1759.938	K [16]
T [7]	849.483	1619.839	1603.820	1604.828	1602.812	T [15]
D [8]	964.510	1518.791	1502.772	1503.780	1501.765	D [14]
L [9]	1077.594	1403.764	1387.745	1388.753	1386.738	L [13]
R [10]	1213.695	1290.690	1274.661	1275.669	1273.654	R [12]
F [11]	1380.763	1134.579	1118.560	1119.568	1117.552	F [11]
Q [12]	1508.822	987.511	971.492	972.500	970.484	Q [10]
S [13]	1595.854	859.452	843.433	844.441	842.425	S [9]
A [14]	1666.891	772.420	756.401	757.409	755.393	A [8]
A [15]	1737.928	701.383	685.364	686.372	684.356	A [7]
T [6]	1813.912	630.346	614.327	615.335	613.319	T [6]
G [17]	1908.034	517.262	501.243	502.251	500.235	G [5]
A [18]	1979.071	460.240	444.221	445.229	443.214	A [4]
L [19]	2092.155	389.203	373.184	374.192	372.177	L [3]
Q [20]	2220.214	276.119	260.100	261.108	259.092	Q [2]
E [21]	2349.256	148.060	132.042	133.050	131.034	E [1]

sp | P84244 | H33_MOUSE

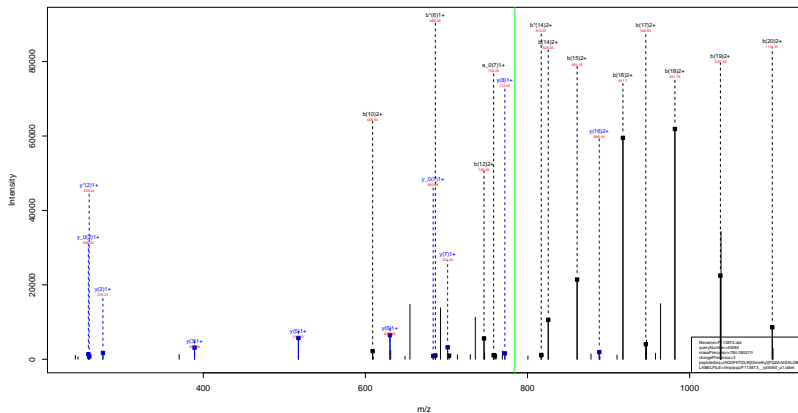
IAQDFK^{Dimethyl} TDLRFQSA AIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.40
- ▶ F113873.dat
- ▶ query=q44083.p1
- ▶ precursor=784.085270
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1175.624	1167.614	0.504	1167.110	I[21]
A [2]	101.551	1119.062	1111.072	0.504	1110.568	A[20]
Q [3]	165.610	1083.563	1075.554	1076.058	1075.050	Q[19]
D [4]	223.124	1049.539	1011.534	1012.028	1011.621	D[18]
F [5]	290.658	992.020	954.011	954.515	953.501	F[17]
K [6]	374.721	888.486	886.477	886.981	879.971	K[16]
T [7]	425.245	810.423	802.414	802.918	801.910	T[15]
D [8]	482.759	759.899	751.890	752.394	751.389	D[14]
L [9]	539.301	702.386	694.376	694.880	693.872	L[13]
R [10]	617.351	646.844	637.833	638.338	637.330	R[12]
F [11]	690.595	597.792	559.784	560.288	559.280	F[11]
Q [12]	754.915	494.259	486.250	486.753	485.745	Q[10]
S [13]	798.431	430.230	422.220	422.724	421.716	S[9]
A [14]	833.949	396.714	378.704	379.208	378.200	A[8]
A [15]	899.908	351.195	343.188	343.690	342.682	A[7]
I [16]	926.010	315.676	307.667	308.171	307.161	I[6]
G [17]	954.521	259.134	251.126	251.629	250.621	G[5]
A [18]	990.039	230.624	222.614	223.118	222.110	A[4]
L [19]	1046.581	195.105	187.096	187.600	186.592	L[3]
Q [20]	1110.610	138.563	130.554	131.058	130.050	Q[2]
E [21]	1175.132	74.834	68.824	67.828	68.821	E[1]

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSA AIGALQE



sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.77
- ▶ F113873.dat
- ▶ query=q44084_p1
- ▶ precursor=784.085270
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2050.246	2153.214	2352.232	I 21
A	117.134	0.000	0.000	135.126	0.000	0.000	2257.150	2320.130	2519.148	A 20
Q	135.012	282.978	0.000	153.187	289.169	0.000	2380.133	2444.093	2646.108	Q 19
D	160.219	353.193	382.208	175.214	341.187	410.263	2438.093	2504.054	2610.069	D 18
F	187.207	531.201	529.277	197.203	526.256	557.272	2524.051	2590.011	2705.027	F 17
K	475.582	628.264	451.212	703.377	496.351	625.267	2725.065	2750.019	2757.054	K 16
T	478.438	758.484	758.420	508.426	737.458	638.414	2843.093	2830.044	2825.078	T 15
D	501.457	874.413	873.440	509.463	860.425	901.481	2946.022	2929.048	2928.011	D 14
L	518.541	887.535	886.531	512.539	881.530	911.528	3121.028	3124.069	3111.060	L 13
R	1188.814	1171.847	1170.861	1178.868	1169.854	1169.854	3189.013	3181.009	3180.011	R 12
P	1338.742	1338.735	1337.731	1345.737	1346.739	1345.726	3194.979	3117.963	3116.968	P 11
G	1483.801	1449.774	1448.768	1481.769	1474.769	1471.769	367.511	369.504	369.502	G 10
S	1502.833	1503.808	1502.822	1509.807	1501.801	1500.817	887.452	882.426	881.441	S 9
A	1611.818	1608.813	1607.809	1614.806	1605.810	1601.814	772.420	775.391	774.406	A 8
A	1895.507	1875.500	1874.892	1875.903	1875.875	1872.891	701.383	684.369	481.372	A 7
I	1895.993	1886.984	1887.680	1883.988	1818.959	1813.957	638.346	613.319	612.319	I 6
C	1895.812	1892.789	1893.001	1891.001	1818.004	1817.007	517.262	500.239	499.241	C 5
A	2204.048	1871.023	1870.020	2185.044	2048.018	2044.014	463.242	449.214	448.230	A 4
L	2691.431	2688.418	2688.124	2689.118	2686.102	2687.111	389.203	374.171	371.191	L 3
Q	2875.192	2858.168	2857.182	2863.187	2836.160	2835.176	276.119	259.092	258.108	Q 2
E	2884.216	2887.203	2886.201	2883.203	2815.203	2814.213	148.980	0.000	148.980	E 1

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSAAIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=44.77
- ▶ F113873.dat
- ▶ query=q44084_p1
- ▶ precursor=784.085270
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I(3)	43.602	0.500	0.500	37.040	0.504	0.500	1176.620	1181.110	1186.620	I(2)
A(2)	78.070	0.504	0.500	33.020	0.504	0.500	1110.560	1115.070	1120.570	A(20)
Q(3)	154.100	1.010	0.500	137.080	1.010	0.504	1025.580	1030.590	1035.600	Q(18)
D(4)	200.010	130.200	191.600	214.010	200.007	200.000	1070.530	1075.020	1080.520	D(16)
F(5)	274.147	185.610	265.147	288.140	270.632	270.140	980.000	985.500	991.010	F(17)
K(6)	338.190	229.662	320.190	352.192	343.679	343.197	886.486	891.970	897.460	K(16)
T(7)	380.070	260.200	330.710	400.710	384.200	383.710	824.470	829.960	835.470	T(15)
D(8)	446.122	337.710	437.210	460.210	451.710	451.210	773.010	778.510	784.010	D(14)
L(9)	502.174	404.260	484.260	516.260	507.260	507.260	718.010	723.510	729.010	L(13)
R(10)	558.226	460.310	480.310	606.310	560.310	560.310	660.010	665.510	671.010	R(12)
F(11)	608.278	509.360	500.360	520.360	613.360	613.360	580.260	585.760	591.260	F(11)
Q(12)	672.304	573.400	573.190	746.401	677.400	677.400	490.260	495.760	501.260	Q(10)
S(13)	770.300	667.400	666.910	700.300	780.300	780.300	430.260	435.760	441.260	S(9)
A(14)	814.308	700.400	690.400	825.400	816.401	816.401	380.260	385.760	391.260	A(8)
A(15)	846.367	736.444	837.360	860.454	850.441	851.360	340.260	345.760	351.260	A(7)
I(16)	923.460	804.500	804.490	917.497	908.500	908.490	310.260	315.760	321.260	I(6)
G(17)	972.510	853.540	853.530	946.507	937.540	937.530	258.134	263.630	269.130	G(5)
A(18)	997.520	899.610	900.520	981.526	972.610	972.610	230.260	235.760	241.260	A(4)
L(19)	1024.670	935.700	935.690	1018.668	1009.700	1009.690	190.260	195.760	201.260	L(3)
Q(20)	1080.500	1079.200	1079.090	1102.807	1090.200	1090.090	150.260	155.760	161.260	Q(2)
D(21)	1176.010	1144.200	1143.610	1166.010	1156.200	1156.610	76.260	81.760	87.260	D(1)

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAALGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.93
- ▶ F113873.dat
- ▶ query=q44085_p1
- ▶ precursor=784.085490
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	151.118	2305.248	2194.231	0.000	2133.214	Q 1
A 2	202.155	2237.156	2201.137	0.000	2220.130	A 20
Q 3	330.214	2166.119	2150.100	2151.108	2149.092	Q 19
D 4	445.241	2038.065	2022.042	2023.049	2021.034	Q 18
F 5	592.309	1922.033	1907.015	1908.023	1905.007	F 17
K 6	748.435	1775.065	1759.046	1760.994	1758.938	K 16
T 7	849.483	1619.839	1603.820	1604.828	1602.811	T 15
D 8	964.510	1518.791	1502.772	1503.780	1501.765	D 14
L 9	1077.594	1403.764	1387.745	1388.753	1386.735	L 13
R 10	1213.695	1290.695	1274.661	1275.669	1273.651	R 12
F 11	1380.763	1184.579	1178.560	1179.568	1177.552	F 11
Q 12	1508.822	987.511	971.490	972.500	970.484	Q 10
S 13	1595.854	859.452	843.433	844.441	842.425	S 0
A 14	1666.891	722.420	706.401	707.409	705.393	A 0
A 15	2737.928	704.363	688.344	689.352	687.336	A 0
L 16	1851.012	630.346	614.327	615.335	613.319	L 0
G 17	1908.034	517.262	501.243	502.251	500.235	G 5
A 18	1978.071	460.240	444.221	445.229	443.214	A 4
L 19	2092.155	389.203	373.184	374.192	372.177	L 3
Q 20	2220.214	276.119	260.100	261.108	259.092	Q 2
E 21	2349.256	148.060	132.042	133.050	131.034	E 0

sp | P84244 | H33_MOUSE

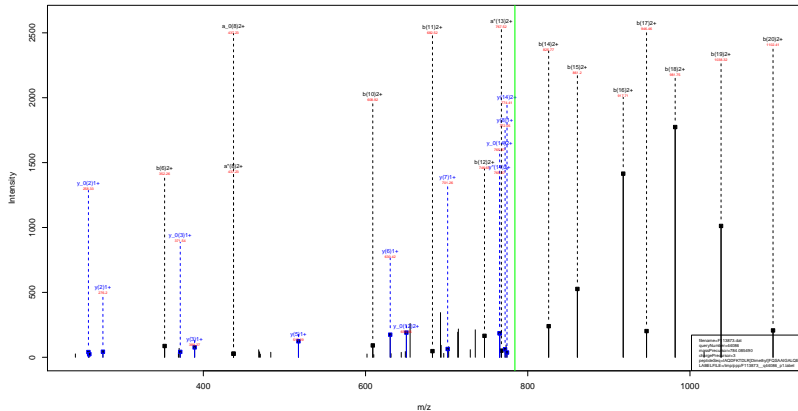
IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.93
- ▶ F113873.dat
- ▶ query=q44085_p1
- ▶ precursor=784.085490
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1175.624	1167.614	0.504	1167.110	[21]
A [2]	101.561	1119.062	1111.072	0.504	1116.560	A[20]
Q [3]	165.610	1083.563	1075.554	1079.058	1075.050	Q[19]
D [4]	223.124	1049.539	1011.534	1012.028	1011.021	D[18]
F [5]	290.628	992.020	954.011	954.515	953.507	F[17]
K [6]	374.721	888.486	880.477	880.981	879.973	K[16]
T [7]	425.245	810.423	802.414	802.918	801.910	T[15]
D [8]	482.759	759.899	751.890	752.394	751.386	D[14]
L [9]	539.301	702.386	694.376	694.880	693.872	L[13]
R [10]	617.363	648.844	637.834	638.338	637.330	R[12]
F [11]	690.595	597.793	559.784	560.288	559.280	F[11]
Q [12]	754.915	494.259	486.250	486.753	485.745	Q[10]
S [13]	798.431	430.230	422.220	422.724	421.716	S[9]
A [14]	833.949	396.714	378.704	379.208	378.200	A[8]
A [15]	899.908	351.195	343.186	343.690	342.682	A[7]
I [16]	926.010	315.676	307.667	308.171	307.163	I[6]
G [17]	954.521	259.134	251.125	251.629	250.621	G[5]
A [18]	990.039	230.624	222.614	223.118	222.110	A[4]
L [19]	1046.581	195.105	187.096	187.600	186.592	L[3]
Q [20]	1110.610	138.563	130.554	131.058	130.050	Q[2]
E [21]	1175.132	74.834	68.824	67.828	68.021	E[1]

sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Dimethyl}FQSAAIGALQE
28.03



sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSAAIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=69.94
- ▶ F113873.dat
- ▶ query=q44086.p1
- ▶ precursor=784.085490
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
I	98.698	0.000	0.000	114.001	0.000	0.000	2000.246	2133.214	2332.232	I 21
A	117.134	0.000	0.000	105.120	0.000	0.000	2227.150	2220.130	2219.148	A 20
Q	128.012	282.000	0.000	113.181	286.000	0.000	2180.111	2174.000	2146.000	Q 19
D	400.219	363.193	382.200	426.214	411.187	410.203	2030.000	2021.000	2000.000	D 18
F	247.207	520.201	520.217	375.203	356.206	357.212	1614.031	1608.001	1605.011	F 17
K	626.582	658.208	687.212	314.572	688.211	685.207	1775.985	1759.993	1757.004	K 16
T	479.436	390.414	704.420	304.425	707.408	706.414	1644.000	1630.004	1625.000	T 15
D	391.457	314.411	373.440	309.463	360.425	361.441	1546.822	1529.748	1528.811	D 14
L	104.541	687.523	688.531	102.520	683.509	681.528	1421.700	1414.700	1411.700	L 13
R	1188.814	1171.847	1171.860	1178.868	1169.854	1169.863	1318.711	1311.889	1308.000	R 12
F	1320.742	1318.715	1317.731	1263.737	1248.719	1245.726	1134.979	1117.903	1116.908	F 11
Q	1403.801	1449.774	1445.790	1401.769	1474.769	1471.780	887.511	879.484	869.500	Q 10
S	1502.833	1523.806	1532.822	1478.807	1501.801	1500.817	859.452	842.426	841.441	S 9
A	1611.816	1604.813	1603.800	1646.806	1652.798	1651.804	772.820	755.781	754.808	A 8
A	1692.807	1675.800	1674.802	1720.803	1703.875	1702.891	701.883	684.808	683.772	A 7
I	1825.892	1808.884	1807.880	1833.888	1816.899	1815.905	630.346	613.319	612.310	I 6
C	1811.812	1802.800	1801.800	1807.801	1811.804	1812.807	517.262	500.239	499.241	C 5
A	1934.848	1921.823	1920.820	1965.844	1948.818	1944.824	463.262	445.214	444.230	A 4
L	1997.831	1988.810	1988.810	1996.810	1996.810	1997.810	389.203	374.171	371.193	L 3
Q	2175.932	2158.908	2157.892	2203.910	2186.890	2185.878	276.119	259.092	258.108	Q 2
E	2364.916	2347.893	2346.870	2352.890	2335.870	2334.858	148.980	0.000	138.950	E 1

sp | P84244 | H33_MOUSE

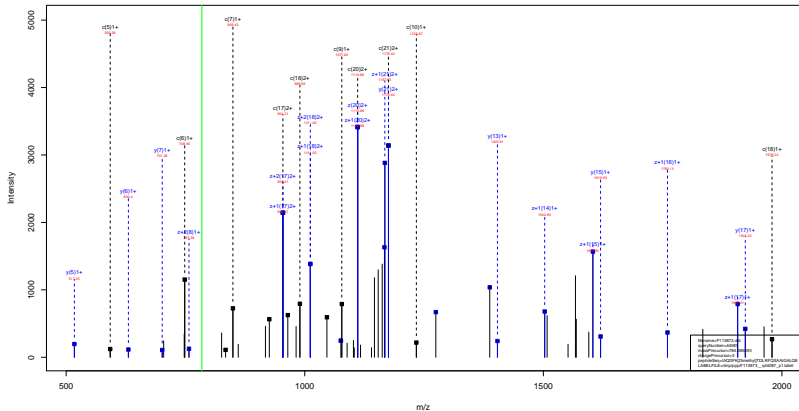
IAQDFKTDLR ^{Dimethyl} 28.03 FQSAAIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=69.94
- ▶ F113873.dat
- ▶ query=q44086.p1
- ▶ precursor=784.085490
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ^o	b	b'	b ^o	y	y'	y ^o	AA
I(3)	43.602	0.500	0.500	37.040	0.504	0.500	1176.620	1181.110	1186.620	I(2)
A(2)	78.070	0.504	0.500	33.080	0.504	0.504	1119.080	1123.570	1128.070	A(20)
Q(3)	154.100	1.010	0.500	137.080	1.004	0.504	1081.580	1077.090	1072.500	Q(10)
D(4)	200.015	130.330	191.650	214.015	200.097	205.600	1019.530	1014.020	1009.520	D(10)
F(5)	274.147	185.818	265.147	288.147	279.632	279.140	980.020	975.510	971.010	F(17)
K(6)	338.195	229.662	320.195	352.192	343.079	343.197	880.480	875.970	871.480	K(16)
T(7)	380.219	260.250	330.219	400.219	384.203	383.215	820.450	815.940	811.450	T(15)
D(8)	440.232	437.719	437.227	460.232	451.716	451.224	773.915	765.403	764.910	D(14)
L(9)	502.274	494.267	491.267	520.274	509.258	507.260	718.801	714.290	709.790	L(13)
R(10)	564.300	555.287	552.287	600.310	589.289	587.290	630.801	626.290	621.790	R(12)
F(11)	608.379	609.363	609.360	682.372	673.360	673.367	567.251	562.740	650.854	F(11)
Q(12)	712.404	703.387	703.380	746.401	737.388	737.390	498.200	493.690	489.190	Q(10)
S(13)	774.507	747.407	765.515	785.515	781.494	780.512	430.230	425.720	421.230	S(9)
A(14)	814.530	805.513	805.510	825.436	816.524	816.530	350.214	345.700	341.210	A(8)
A(15)	840.567	830.444	830.445	860.954	852.441	851.949	311.180	306.670	302.180	A(7)
I(16)	923.669	894.480	894.480	917.407	908.463	908.463	213.070	208.560	204.070	I(6)
G(17)	972.610	953.467	953.460	946.607	937.466	937.466	250.134	245.620	241.130	G(5)
A(18)	997.520	990.015	990.015	981.526	973.013	972.521	210.024	205.510	201.020	A(4)
L(19)	1024.670	1015.397	1015.390	1038.068	1029.335	1029.063	150.100	145.590	141.100	L(3)
Q(20)	1080.507	1070.228	1070.224	1102.807	1093.584	1093.584	130.063	125.550	121.060	Q(2)
D(21)	1176.011	1164.280	1164.610	1166.011	1156.100	1157.013	76.500	72.000	67.510	D(1)

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAALGALQE
28.03



sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.26
- ▶ F113873.dat
- ▶ query=q44087_p1
- ▶ precursor=784.085590
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	131.118	2850.240	2334.221	0.000	2333.214	I [21]
A [2]	202.155	3237.150	2221.137	0.000	2220.130	A [20]
Q [3]	330.214	2166.110	2150.100	2151.108	2149.092	Q [19]
D [4]	445.241	3339.060	3022.042	2073.040	2021.034	D [18]
F [5]	592.309	1923.033	1907.015	1908.023	1905.007	F [17]
K [6]	748.435	1775.965	1759.946	1760.954	1759.938	K [16]
T [7]	849.483	1619.839	1603.820	1604.828	1602.812	T [15]
D [8]	964.510	1518.791	1502.772	1503.780	1501.765	D [14]
L [9]	1077.594	1403.764	1387.745	1388.753	1386.735	L [13]
R [10]	1213.695	1290.680	1274.661	1275.669	1273.654	R [12]
F [11]	1350.763	1134.570	1118.550	1119.558	1117.552	F [11]
Q [12]	1508.822	987.511	971.492	972.500	970.484	Q [10]
S [13]	1595.854	859.452	843.433	844.441	842.425	S [9]
A [14]	1666.891	772.420	756.401	757.409	755.393	A [8]
A [15]	1737.928	701.383	685.364	686.372	684.356	A [7]
I [6]	1813.012	630.346	614.327	615.335	613.319	I [6]
Q [17]	1908.034	517.262	501.243	502.251	500.235	Q [5]
A [18]	1979.071	460.240	444.221	445.229	443.214	A [4]
L [19]	2092.155	389.203	373.184	374.192	372.177	L [3]
Q [20]	2220.214	276.110	260.100	261.108	259.092	Q [2]
E [21]	2349.256	148.060	132.042	133.050	131.034	E [1]

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.26
- ▶ F113873.dat
- ▶ query=q44087_p1
- ▶ precursor=784.085590
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1175.624	1167.614	0.504	1167.110	[21]
A [2]	101.551	1119.062	1111.072	0.504	1110.568	A[20]
Q [3]	165.610	1083.563	1075.554	1076.058	1075.050	Q[19]
D [4]	223.224	1049.539	1011.524	1012.028	1011.021	D[18]
F [5]	295.658	992.020	954.011	954.515	953.507	F[17]
K [6]	374.721	888.486	886.477	886.981	879.973	K[16]
T [7]	425.245	810.423	802.414	802.918	801.910	T[15]
D [8]	482.759	759.899	751.890	752.394	751.386	D[14]
L [9]	539.301	702.386	694.376	694.880	693.872	L[13]
R [10]	617.353	646.844	637.834	638.338	637.330	R[12]
F [11]	690.595	597.792	559.784	560.288	559.280	F[11]
Q [12]	754.915	494.259	486.250	486.753	485.745	Q[10]
S [13]	798.431	430.230	422.220	422.724	421.716	S[9]
A [14]	833.949	396.714	378.704	379.208	378.200	A[8]
A [15]	859.798	351.195	343.186	343.690	342.682	A[7]
I [16]	926.010	315.676	307.667	308.171	307.163	I[6]
G [17]	954.521	269.134	251.125	251.629	250.621	G[5]
A [18]	990.039	230.624	222.614	223.118	222.110	A[4]
L [19]	1046.581	195.105	187.096	187.600	186.592	L[3]
Q [20]	1110.610	138.563	130.554	131.058	130.050	Q[2]
E [21]	1175.132	74.534	66.524	67.028	66.021	E[1]

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSAAIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=72.63
- ▶ F113873.dat
- ▶ query=q44088_p1
- ▶ precursor=784.085590
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	r	r*	r,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2350.246	2353.274	2352.252	I 21
A	137.134	0.000	0.000	185.126	0.000	0.000	2227.150	2225.130	2219.148	A 20
Q	159.012	282.979	0.000	313.181	289.169	0.000	2180.131	2174.093	2146.108	Q 19
D	400.219	363.193	382.208	426.214	411.187	410.203	2038.093	2021.034	2000.990	D 18
F	547.207	520.201	529.277	575.263	556.256	557.272	1924.031	1908.001	1905.017	F 17
K	676.582	658.258	687.372	704.372	688.351	685.357	1775.985	1759.939	1757.954	K 16
T	779.436	760.404	768.420	808.426	787.388	786.414	1643.930	1630.884	1625.879	T 15
D	891.457	874.411	873.488	909.483	892.425	891.481	1546.822	1529.768	1528.811	D 14
L	1034.541	997.533	988.531	1022.536	1013.509	1014.528	1421.760	1414.769	1411.780	L 13
R	1188.614	1171.587	1170.661	1216.666	1209.624	1208.618	1318.713	1301.689	1298.610	R 12
F	1339.742	1318.715	1317.731	1363.737	1348.719	1345.726	1134.579	1117.563	1116.568	F 11
Q	1483.801	1468.774	1448.760	1481.765	1474.769	1471.780	987.511	970.484	969.500	Q 10
S	1530.833	1513.806	1512.822	1578.807	1561.801	1560.817	897.452	882.426	881.441	S 9
A	1671.878	1654.843	1653.859	1686.866	1669.858	1668.874	772.420	755.393	754.408	A 8
A	1892.907	1875.880	1874.896	1920.903	1903.875	1902.891	701.383	684.366	683.372	A 7
I	1893.993	1886.964	1887.880	1933.988	1916.959	1915.975	638.346	613.319	612.335	I 6
C	1913.112	1892.988	1891.991	1937.100	1918.064	1917.080	517.282	500.255	499.261	C 5
A	2004.048	1971.023	1970.039	2062.044	2043.018	2044.034	463.243	445.214	444.220	A 4
L	2097.431	2080.401	2079.418	2096.418	2086.402	2087.419	389.203	374.171	371.181	L 3
Q	2175.192	2158.166	2157.182	2203.187	2186.160	2185.176	276.119	259.092	258.108	Q 2
E	2364.216	2347.189	2346.205	2352.209	2345.203	2344.219	148.980	0.000	138.999	E 1

sp | P84244 | H33_MOUSE

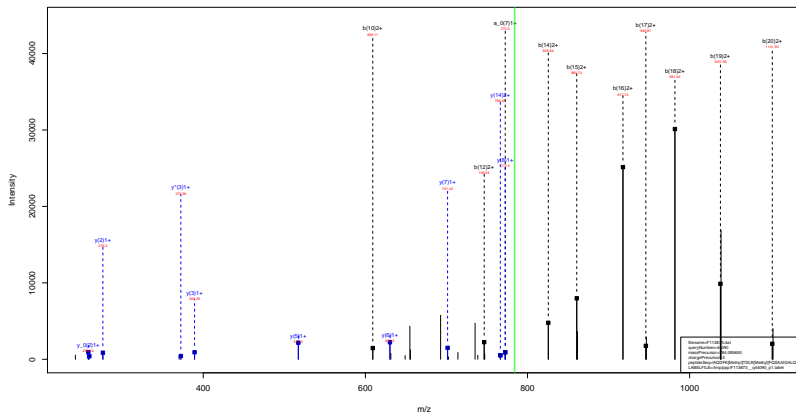
IAQDFKTDLR ^{Dimethyl} 28.03 FQSAAIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=72.63
- ▶ F113873.dat
- ▶ query=q44088.p1
- ▶ precursor=784.085590
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I(2)	41.002	0.509	0.504	87.941	0.504	0.509	11.19.020	11.07.110	1.046.830	I(2)
A(2)	75.070	0.509	0.504	87.959	0.504	0.504	11.10.097	11.10.590	1.113.070	A(2)
Q(2)	143.030	1.018	1.008	175.904	1.008	1.014	22.37.000	22.17.000	2.194.500	Q(2)
D(4)	208.012	1.018	1.008	249.811	1.008	1.009	33.55.000	33.11.021	3.332.529	D(4)
F(5)	274.047	1.527	1.514	338.141	1.514	1.514	45.14.000	44.51.000	4.451.011	F(5)
K(6)	338.095	2.036	2.016	414.192	2.016	2.019	56.13.000	55.40.000	5.570.000	K(6)
T(7)	402.119	2.545	2.511	490.119	2.511	2.511	67.11.000	66.44.000	6.615.000	T(7)
D(8)	466.152	3.054	3.011	566.151	3.011	3.011	78.10.000	77.11.000	7.741.000	D(8)
L(9)	530.174	3.563	3.511	642.174	3.511	3.511	89.09.000	87.40.000	8.780.000	L(9)
M(10)	594.210	4.072	4.011	718.210	4.011	4.011	100.08.000	97.40.000	9.740.000	M(10)
P(11)	658.246	4.581	4.511	794.246	4.511	4.511	111.07.000	107.40.000	10.740.000	P(11)
Q(12)	722.282	5.090	5.011	870.282	5.011	5.011	122.06.000	117.40.000	11.740.000	Q(12)
S(13)	786.318	5.599	5.511	946.318	5.511	5.511	133.05.000	127.40.000	12.740.000	S(13)
A(14)	850.354	6.108	6.011	1.022.354	6.011	6.011	144.04.000	137.40.000	13.740.000	A(14)
A(15)	914.390	6.617	6.511	1.098.390	6.511	6.511	155.03.000	147.40.000	14.740.000	A(15)
I(16)	978.426	7.126	7.011	1.174.426	7.011	7.011	166.02.000	157.40.000	15.740.000	I(16)
G(17)	1.042.462	7.635	7.511	1.250.462	7.511	7.511	177.01.000	167.40.000	16.740.000	G(17)
A(18)	1.106.498	8.144	8.011	1.326.498	8.011	8.011	188.00.000	177.40.000	17.740.000	A(18)
L(19)	1.170.534	8.653	8.511	1.402.534	8.511	8.511	199.00.000	187.40.000	18.740.000	L(19)
Q(20)	1.234.570	9.162	9.011	1.478.570	9.011	9.011	210.00.000	197.40.000	19.740.000	Q(20)
D(21)	1.298.606	9.671	9.511	1.554.606	9.511	9.511	221.00.000	207.40.000	20.740.000	D(21)

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLR ^{Methyl} 14.02 FQSA AIGALQE



sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl}14.02 TDLR ^{Methyl}14.02 FQSAAIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=53.11
- ▶ F113873.dat
- ▶ query=q44090_p1
- ▶ precursor=784.085650
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a.b	b	b*	b.b	y	y*	y.b	AA
I	98.898	0.000	0.000	114.001	0.000	0.000	2000.246	2153.214	2322.232	I
A	137.134	0.000	0.000	105.120	0.000	0.000	2227.150	2720.130	2219.148	A
Q	109.012	282.989	0.000	113.187	289.169	0.000	2180.131	1149.000	2146.000	Q
D	400.219	363.193	382.200	426.214	411.187	410.201	2670.000	2021.004	2000.000	D
F	247.207	520.201	120.277	379.202	326.206	327.272	1203.031	1006.007	1005.017	F
K	680.208	672.212	671.210	711.203	700.206	699.202	1775.005	1750.000	1757.004	K
V	700.246	674.212	772.415	618.241	601.244	600.238	1833.004	1818.000	1815.004	V
D	365.473	358.466	357.462	363.468	361.441	313.457	1532.037	1515.000	1514.006	D
L	101.527	101.520	100.540	104.522	102.521	102.521	1417.000	1400.000	1399.000	L
R	1188.714	1172.707	1171.691	1218.698	1199.674	1199.674	1306.000	1287.000	1286.000	R
P	1320.742	1310.735	1311.731	1363.737	1348.719	1348.726	1134.979	1117.000	1116.000	P
G	103.801	1440.774	1440.760	1461.769	1474.769	1474.769	887.511	870.004	869.000	G
S	1502.833	1503.826	1502.822	1570.827	1561.801	1560.817	897.452	882.426	881.441	S
A	1011.810	1008.803	1009.800	1040.806	1032.788	1031.804	772.420	755.393	754.408	A
A	1092.807	1075.800	1074.800	1120.803	1103.875	1102.891	701.383	684.366	683.372	A
I	1035.892	1030.884	1027.880	1033.886	1016.899	1015.905	630.346	613.319	612.333	I
C	1011.812	1002.805	1000.801	1017.807	1001.804	1002.807	517.262	500.235	499.249	C
A	1004.849	1017.823	1018.820	1060.844	1048.818	1044.814	463.262	445.214	444.230	A
L	1097.831	1090.810	1088.810	1099.816	1086.802	1087.810	389.203	372.177	371.191	L
Q	1075.892	1058.866	1057.862	1063.867	1046.860	1045.876	276.119	259.092	258.108	Q
E	1064.876	1067.858	1066.854	1052.859	1035.853	1034.870	148.000	0.000	148.000	E

sp | P84244 | H33_MOUSE

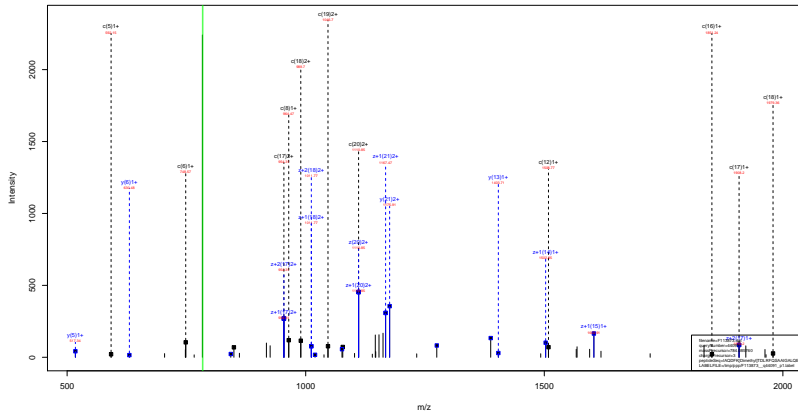
IAQDFK^{Methyl}_{14.02} TDLR^{Methyl}_{14.02} FQSAAIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=53.11
- ▶ F113873.dat
- ▶ query=q44090_p1
- ▶ precursor=784.085650
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	v	v'	v ₀	AA
I(3)	43.602	0.500	0.500	37.040	0.504	0.500	1176.620	1181.110	1186.620	I(2)
A(2)	78.070	0.504	0.500	33.080	0.504	0.500	1110.580	1115.070	1120.580	A(20)
Q(3)	143.100	1.514	0.500	137.080	1.481	0.504	1081.580	1076.090	1071.590	Q(18)
D(4)	200.013	192.380	191.600	214.911	206.097	205.400	1070.530	1014.020	1010.520	D(16)
F(5)	274.147	268.634	266.147	288.141	279.632	279.140	980.020	953.500	951.010	F(17)
K(6)	345.201	338.669	336.190	359.200	350.687	350.190	880.480	874.970	870.480	K(16)
L(7)	408.777	401.251	398.770	408.724	400.251	400.130	817.610	808.100	803.610	L(15)
D(8)	451.040	444.727	441.250	462.211	453.724	453.210	764.907	758.344	751.900	D(14)
L(9)	500.182	491.260	488.770	500.129	491.260	491.170	700.260	690.260	685.260	L(13)
R(10)	550.450	540.120	537.120	600.834	589.120	589.110	600.260	544.710	540.260	R(12)
F(11)	608.574	600.061	599.580	608.574	600.061	600.061	500.261	500.260	499.760	F(11)
Q(12)	670.604	661.091	659.590	746.401	737.090	737.090	490.260	480.760	480.260	Q(10)
S(13)	770.500	760.400	766.915	760.111	761.404	760.910	430.260	424.710	424.260	S(9)
A(14)	811.938	800.900	799.940	875.436	868.940	868.940	350.910	350.260	349.760	A(8)
A(15)	846.907	836.444	834.900	880.954	880.441	881.940	351.100	347.880	344.190	A(7)
I(16)	923.469	914.000	911.490	917.497	908.000	908.000	310.000	307.100	306.010	I(6)
G(17)	972.010	961.460	959.950	946.607	937.460	937.460	250.134	249.010	248.010	G(5)
A(18)	997.520	990.010	988.520	981.526	973.010	972.510	230.020	225.110	223.010	A(4)
L(19)	1024.070	1015.390	1013.090	1038.068	1029.390	1029.000	190.100	188.500	188.010	L(3)
Q(20)	1080.500	1070.200	1069.000	1102.807	1091.500	1091.000	130.000	130.000	129.500	Q(2)
D(21)	1176.010	1164.000	1161.610	1166.010	1158.000	1157.610	70.000	69.500	69.010	D(1)

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAGALQE
28.03



sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.82
- ▶ F113873.dat
- ▶ query=q44091_p1
- ▶ precursor=784.085760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F[1]	151.118	2950.240	2134.221	0.000	2333.214	F[21]
A[2]	202.155	2237.156	2221.117	0.000	2220.130	A[20]
Q[3]	330.214	2166.119	2150.100	2151.108	2149.092	Q[19]
D[4]	438.291	2038.569	2022.893	2023.949	2021.036	D[18]
F[5]	502.309	1923.033	1907.215	1908.023	1906.007	F[17]
K[6]	748.435	1775.905	1759.946	1760.954	1758.938	K[16]
T[7]	849.483	1619.839	1603.820	1604.828	1602.812	T[15]
D[8]	964.510	1518.791	1502.772	1503.780	1501.765	D[14]
L[9]	1077.594	1403.764	1387.745	1388.753	1386.736	L[13]
R[10]	1213.699	1296.680	1274.663	1275.669	1273.654	R[12]
F[11]	1380.763	1134.579	1118.500	1119.508	1117.552	F[11]
Q[12]	1508.822	987.511	971.492	972.500	970.484	Q[10]
S[13]	1595.854	859.452	843.433	844.441	842.425	S[9]
A[14]	1696.891	722.420	706.401	707.409	705.391	A[8]
A[15]	1717.828	701.363	685.354	686.372	684.356	A[7]
L[16]	1851.012	630.346	614.337	615.335	613.319	L[6]
G[17]	1908.034	517.262	501.243	502.251	500.235	G[5]
A[18]	1979.071	460.240	444.221	445.229	443.214	A[4]
L[19]	2092.155	389.207	373.188	374.192	372.177	L[3]
Q[20]	2220.214	276.119	260.100	261.108	259.092	Q[2]
E[21]	2349.256	148.060	132.042	133.050	131.034	E[1]

sp | P84244 | H33_MOUSE

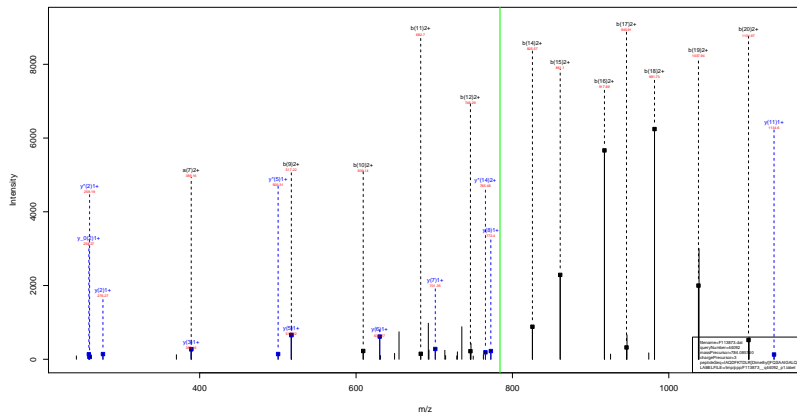
IAQDFK^{Dimethyl} TDLRFQSAIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.82
- ▶ F113873.dat
- ▶ query=q44091_p1
- ▶ precursor=784.085760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1175.624	1167.614	0.504	1167.110	[21]
A [2]	101.561	1119.062	1111.072	0.504	1110.568	A[20]
Q [3]	165.610	1083.563	1075.554	1076.058	1075.050	Q[19]
D [4]	223.124	1019.534	1011.524	1012.028	1011.021	D[18]
F [5]	290.658	992.025	954.011	954.515	953.507	F[17]
K [6]	374.721	888.486	880.477	880.981	879.973	K[16]
T [7]	425.245	810.423	802.414	802.918	801.910	T[15]
D [8]	482.759	759.899	751.890	752.394	751.386	D[14]
L [9]	539.301	702.366	694.376	694.880	693.872	L[13]
R [10]	617.363	646.844	637.833	638.338	637.330	R[12]
F [11]	690.595	597.793	559.784	560.288	559.280	F[11]
Q [12]	754.915	494.259	486.250	486.753	485.745	Q[10]
S [13]	798.431	430.230	422.220	422.724	421.716	S[9]
A [14]	833.949	396.714	378.704	379.208	378.200	A[8]
A [15]	869.468	351.195	343.188	343.690	342.682	A[7]
L [16]	928.010	315.676	307.667	308.171	307.163	L[6]
G [17]	954.521	269.134	251.126	251.629	250.621	G[5]
A [18]	990.039	230.614	222.614	223.118	222.110	A[4]
L [19]	1046.581	195.105	187.096	187.600	186.592	L[3]
Q [20]	1110.610	138.563	130.554	131.058	130.050	Q[2]
E [21]	1175.132	74.834	68.824	67.828	68.821	E[1]

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} FQSA AIGALQE
28.03



sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=63.49
- ▶ F113873.dat
- ▶ query=q44092_p1
- ▶ precursor=784.085760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I [3]	86.698	0.000	0.000	114.091	0.000	0.000	2166.240	2311.214	2322.238	[K2]
A [2]	637.134	0.000	0.000	185.129	0.000	0.000	2237.150	2226.150	2219.149	A[26]
Q [3]	226.162	268.265	0.000	513.287	268.265	0.000	2246.131	2149.000	2148.000	Q[18]
D [4]	490.219	383.383	382.200	428.924	411.187	410.200	2030.000	2024.024	2003.000	Q[16]
F [5]	847.287	536.261	526.277	678.261	556.256	557.277	1921.000	1908.000	1905.021	F[17]
K [6]	675.262	608.266	687.270	703.277	686.261	685.260	1745.082	1758.038	1757.034	K[16]
T [7]	776.430	708.424	706.420	804.429	787.408	786.411	1647.891	1635.844	1626.899	T[15]
D [8]	891.457	814.431	813.448	919.462	902.426	901.441	1546.822	1535.748	1528.812	D[14]
L [9]	1004.541	927.533	926.530	1032.536	1015.500	1014.520	1431.760	1424.760	1417.760	L[13]
R [10]	1118.614	1041.597	1040.593	1146.600	1129.542	1128.590	1318.711	1309.588	1302.600	R[12]
P [11]	1232.742	1155.715	1154.730	1261.737	1244.710	1243.730	1134.579	1117.552	1110.568	P[11]
Q [12]	1346.871	1269.797	1268.792	1381.799	1364.760	1363.780	987.531	979.494	969.500	Q[10]
S [13]	1460.933	1383.808	1382.822	1516.807	1499.761	1498.811	836.452	842.426	841.441	S[9]
A [14]	1574.918	1504.812	1503.826	1549.803	1532.768	1531.820	772.420	765.360	754.408	A[8]
A [15]	1688.907	1619.800	1618.814	1652.801	1635.765	1634.820	701.383	694.358	681.372	A[7]
I [16]	1802.901	1733.804	1732.808	1831.808	1814.769	1813.820	630.346	623.310	612.310	I[6]
G [17]	1916.812	1847.800	1846.804	1916.807	1899.767	1898.820	517.263	500.235	489.250	G[5]
A [18]	1934.049	1917.033	1916.030	1962.044	1945.018	1944.030	450.253	443.254	442.250	A[4]
L [19]	2047.133	2030.107	2029.103	2078.118	2061.100	2060.110	389.203	372.171	371.180	L[3]
Q [20]	2175.192	2158.168	2157.163	2203.187	2186.160	2185.170	276.119	259.092	258.108	Q[2]
E [21]	2304.276	2287.250	2286.246	2332.260	2315.231	2314.240	146.080	145.080	144.080	E[1]

sp | P84244 | H33_MOUSE

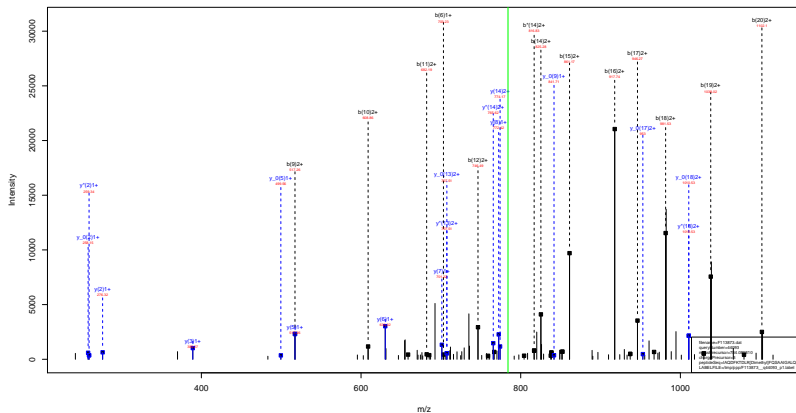
IAQDFKTDLR ^{Dimethyl} _{28.03} FQSAAIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=63.49
- ▶ F113873.dat
- ▶ query=q44092.p1
- ▶ precursor=784.085760
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ρ	b	b'	b ρ	y	y'	y ρ	AA
I(3)	43.602	0.500	0.500	37.040	0.504	0.500	1176.620	1181.110	1186.620	I(2)
A(2)	78.070	0.504	0.500	33.020	0.504	0.500	1110.560	1115.070	1120.560	A(20)
Q(3)	154.100	1.010	0.500	137.080	1.004	0.504	1025.580	1030.090	1035.580	Q(18)
D(4)	200.015	130.330	191.650	214.911	200.097	205.000	970.530	1014.020	1010.520	D(16)
F(5)	274.147	185.818	265.147	288.141	270.632	270.140	980.000	983.500	985.100	F(17)
K(6)	338.220	229.662	320.190	352.192	343.079	343.107	880.480	879.970	879.480	K(16)
T(7)	388.719	280.200	320.710	400.710	386.200	383.111	820.430	819.920	819.430	T(15)
D(8)	440.522	337.710	437.221	460.210	451.710	451.224	770.910	765.400	764.910	D(14)
L(9)	502.274	404.201	491.701	516.772	508.700	507.700	710.401	709.890	709.380	L(13)
R(10)	564.450	465.111	551.111	600.638	588.120	589.111	630.890	631.380	630.890	R(12)
F(11)	608.570	609.961	609.590	682.372	673.890	673.391	580.791	579.280	578.780	F(11)
Q(12)	732.604	723.601	723.190	746.401	737.600	737.100	490.200	489.700	489.200	Q(10)
S(13)	770.500	767.400	766.910	780.911	781.400	780.910	430.200	429.710	429.200	S(9)
A(14)	811.910	809.910	809.410	825.430	816.910	816.410	350.710	349.200	348.710	A(8)
A(15)	846.907	836.414	837.901	860.954	852.441	851.940	301.100	299.600	299.100	A(7)
I(16)	923.860	914.360	914.490	917.497	908.981	908.491	213.070	212.570	212.070	I(6)
G(17)	1023.010	1013.497	1013.990	946.011	1007.490	1007.010	250.134	249.630	249.130	G(5)
A(18)	997.520	999.010	998.521	981.520	973.010	972.521	230.020	229.520	229.020	A(4)
L(19)	1024.670	1023.397	1023.090	1038.060	1029.500	1029.001	190.100	189.600	189.100	L(3)
Q(20)	1080.500	1079.200	1078.900	1102.807	1083.500	1083.000	130.500	129.000	128.500	Q(2)
D(21)	1170.010	1164.200	1164.610	1160.011	1150.100	1150.610	70.500	69.000	68.500	D(1)

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} FQSAAILGALQE
28.03



sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSA AIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=53.79
- ▶ F113873.dat
- ▶ query=q44093_p1
- ▶ precursor=784.085810
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
I	98.698	0.000	0.000	114.001	0.000	0.000	2000.246	2153.214	2332.230	I 21
A	117.134	0.000	0.000	105.120	0.000	0.000	2227.150	2220.130	2219.148	A 20
Q	126.012	262.000	0.000	113.181	266.000	0.000	2180.111	2174.000	2146.000	Q 19
D	140.219	263.193	382.200	426.214	311.187	410.203	2070.000	2061.000	2030.000	D 18
F	147.207	101.201	150.217	375.203	304.206	307.212	1614.031	1606.001	1605.011	F 17
K	167.082	678.262	487.312	781.377	688.311	685.367	1775.005	1759.000	1757.004	K 16
T	179.430	759.404	704.420	804.425	787.408	785.414	1643.000	1630.004	1625.000	T 15
D	181.457	374.411	371.440	661.425	661.425	301.441	1646.022	1629.000	1628.011	D 14
L	184.541	607.533	600.531	1032.530	1013.509	1014.520	1431.700	1414.700	1411.700	L 13
R	188.614	1171.647	1170.661	2128.660	1939.654	1939.653	1318.711	1301.660	1300.611	R 12
P	190.742	1318.715	1317.731	2363.737	2348.719	2349.726	1134.979	1117.900	1116.900	P 11
Q	193.801	1449.774	1448.790	2481.795	2474.769	2474.780	687.511	670.464	669.500	Q 10
S	193.833	1451.806	1450.822	2478.807	2461.801	2461.817	687.452	662.420	641.441	S 9
A	197.870	1604.813	1603.830	2644.836	2632.818	2631.854	771.420	755.391	754.400	A 8
A	199.907	1615.900	1614.892	2720.903	2703.875	2702.911	761.383	684.368	683.372	A 7
I	199.993	1700.904	1707.880	2833.900	2816.869	2815.905	630.346	613.319	612.330	I 6
C	199.912	1892.900	1890.881	3091.891	3074.864	3073.897	517.262	500.239	499.251	C 5
A	199.949	1971.923	1970.920	3162.944	3144.918	3144.934	463.242	445.214	444.230	A 4
L	199.911	2000.891	2000.120	3090.110	3066.102	3067.111	389.203	374.171	371.191	L 3
Q	197.932	2358.900	2357.182	3263.187	3236.180	3235.176	276.119	259.092	258.108	Q 2
E	198.470	2207.900	2206.201	3152.200	3131.003	3131.010	148.980	0.000	130.900	E 1

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSA AIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=53.79
- ▶ F113873.dat
- ▶ query=q44093.p1
- ▶ precursor=784.085810
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a+b	b	b'	b+a'	a	a'	a+b	AA
L1	417.00	0.50	0.50	57.50	0.50	0.50	1120.50	1120.50	1120.50	L21
A1	78.00	0.50	0.50	93.50	0.50	0.50	1120.50	1120.50	1120.50	A20
Q1	143.00	134.50	0.50	157.00	148.50	0.50	1083.50	1075.00	1074.50	Q19
H1	200.00	189.00	100.00	194.00	200.00	100.00	1039.50	1011.00	1010.50	H18
F1	274.50	265.50	308.14	288.14	279.62	309.14	992.00	965.50	965.00	F17
K1	330.00	328.00	328.00	352.00	343.67	343.67	888.00	879.00	878.00	K16
T1	388.00	387.00	378.71	402.71	394.00	394.00	829.00	824.00	823.00	T15
G1	446.00	437.71	437.71	462.00	451.71	451.71	773.00	765.00	764.00	G14
L1	504.00	494.00	494.00	518.00	508.00	507.00	718.00	707.00	706.00	L13
M1	562.00	551.00	551.00	576.00	565.00	564.00	659.00	648.00	647.00	M12
F1	620.00	609.00	609.00	634.00	623.00	622.00	599.00	588.00	587.00	F11
Q1	678.00	667.00	667.00	692.00	681.00	680.00	540.00	529.00	528.00	Q10
S1	736.00	725.00	725.00	750.00	739.00	738.00	481.00	470.00	469.00	S09
A1	794.00	783.00	783.00	808.00	797.00	796.00	422.00	411.00	410.00	A08
A1	852.00	841.00	841.00	866.00	855.00	854.00	363.00	352.00	351.00	A07
L1	910.00	899.00	899.00	924.00	913.00	912.00	304.00	293.00	292.00	L06
Q1	968.00	957.00	957.00	982.00	971.00	970.00	245.00	234.00	233.00	Q05
H1	1026.00	1015.00	1015.00	1040.00	1029.00	1028.00	186.00	175.00	174.00	H04
K1	1084.00	1073.00	1073.00	1098.00	1087.00	1086.00	127.00	116.00	115.00	K03
E1	1142.00	1131.00	1131.00	1156.00	1145.00	1144.00	68.00	57.00	56.00	E02

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAIGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.19
- ▶ F113873.dat
- ▶ query=q44097_p1
- ▶ precursor=784.086150
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F [1]	131.118	2355.240	2334.221	0.000	2333.214	F[21]
A [2]	202.155	2237.156	2221.117	0.000	2220.130	A[20]
Q [3]	330.214	2166.119	2150.100	2151.108	2149.092	Q[19]
D [4]	435.291	2038.569	2022.893	2023.949	2021.936	D[18]
F [5]	592.309	1923.933	1907.815	1908.023	1906.007	F[17]
K [6]	748.435	1775.905	1759.946	1760.954	1758.938	K[16]
T [7]	849.483	1619.839	1603.820	1604.828	1602.812	T[15]
D [8]	964.510	1518.791	1502.772	1503.780	1501.765	D[14]
L [9]	1077.594	1401.764	1387.745	1388.753	1386.736	L[13]
R [10]	1213.699	1290.680	1274.663	1275.669	1273.654	R[12]
F [11]	1380.763	1134.579	1118.500	1119.568	1117.552	F[11]
Q [12]	1508.822	987.511	971.492	972.500	970.484	Q[10]
S [13]	1595.854	859.452	843.433	844.441	842.425	S[9]
A [14]	1666.891	722.420	706.401	707.409	705.393	A[8]
A [15]	1737.928	603.363	587.354	588.372	586.356	A[7]
I [16]	1811.012	430.346	414.327	415.335	413.319	I[6]
G [17]	1908.034	517.262	501.243	502.251	500.235	G[5]
A [18]	1979.071	460.240	444.221	445.229	443.214	A[4]
L [19]	2092.155	389.203	373.184	374.192	372.177	L[3]
Q [20]	2220.214	276.119	260.100	261.108	259.092	Q[2]
E [21]	2349.256	148.060	132.042	133.050	131.034	E[1]

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.19
- ▶ F113873.dat
- ▶ query=q44097_p1
- ▶ precursor=784.086150
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1175.624	1167.614	0.504	1167.110	[21]
A [2]	101.561	1119.062	1111.072	0.504	1116.560	A[20]
Q [3]	165.610	1083.563	1075.554	1076.058	1075.050	Q[19]
D [4]	223.224	1049.534	1011.534	1012.026	1011.021	D[18]
F [5]	290.658	989.020	954.011	954.515	955.509	F[17]
K [6]	374.721	888.486	886.477	886.981	879.973	K[16]
T [7]	425.245	810.423	802.414	802.918	801.910	T[15]
D [8]	482.759	759.899	751.890	752.394	751.389	D[14]
L [9]	539.301	702.366	694.376	694.880	693.872	L[13]
R [10]	617.363	646.844	637.833	638.338	637.330	R[12]
F [11]	690.535	597.792	559.784	560.288	559.280	F[11]
Q [12]	754.915	494.259	486.250	486.753	485.745	Q[10]
S [13]	798.431	430.230	422.220	422.724	421.716	S[9]
A [14]	833.949	396.714	378.704	379.208	378.200	A[8]
A [15]	869.468	351.195	343.188	343.690	342.682	A[7]
L [16]	828.010	315.676	307.667	308.171	307.163	L[6]
G [17]	954.521	259.134	251.126	251.629	250.621	G[5]
A [18]	990.039	230.624	222.614	223.118	222.110	A[4]
L [19]	1046.581	195.105	187.096	187.600	186.592	L[3]
Q [20]	1110.610	138.563	130.554	131.058	130.050	Q[2]
E [21]	1175.132	74.534	66.524	67.028	66.021	E[1]

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSAAIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=69.89
- ▶ F113873.dat
- ▶ query=q44098_p1
- ▶ precursor=784.086150
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
I	98.698	0.000	0.000	114.001	0.000	0.000	2050.246	2153.214	2332.232	I 21
A	117.134	0.000	0.000	105.126	0.000	0.000	2227.150	2220.130	2219.148	A 20
Q	126.012	282.000	0.000	113.181	286.000	0.000	2180.111	2174.000	2146.000	Q 19
D	400.219	363.193	382.200	426.214	411.187	410.203	2678.000	2661.004	2630.000	D 18
F	547.207	520.201	520.217	575.203	558.206	557.212	3163.001	3166.001	3165.011	F 17
K	626.582	608.208	687.212	704.577	696.351	695.267	3775.005	3758.005	3757.004	K 16
T	679.436	660.404	704.420	704.426	717.431	706.414	3443.000	3430.004	3429.000	T 15
D	801.457	814.411	873.480	918.463	901.425	901.481	3546.022	3529.008	3528.011	D 14
L	1014.541	987.533	988.531	1032.530	1015.509	1014.528	4421.000	4414.000	4413.000	L 13
R	1188.614	1171.587	1219.661	1219.666	1269.654	1268.618	5133.011	5121.000	5120.011	R 12
F	1326.742	1318.715	1317.731	1365.737	1348.719	1348.726	5154.979	5117.963	5116.968	F 11
Q	1483.801	1466.774	1446.790	1481.765	1474.769	1473.780	587.511	587.504	586.500	Q 10
S	1550.833	1533.806	1532.822	1578.807	1561.801	1560.817	657.452	642.426	641.441	S 9
A	1611.816	1594.813	1593.800	1640.806	1623.798	1621.804	773.420	755.391	754.406	A 8
A	1660.807	1645.800	1674.800	1720.803	1703.875	1702.891	701.383	684.368	683.372	A 7
I	1826.893	1808.884	1807.880	1853.886	1836.869	1835.895	638.346	613.319	612.316	I 6
C	1875.812	1857.800	1856.800	1897.801	1881.804	1877.807	517.262	500.239	499.241	C 5
A	1934.848	1917.823	1916.820	1962.844	1945.818	1944.834	463.263	445.214	444.230	A 4
L	1991.831	1980.801	2008.810	2008.810	2056.802	2057.810	389.203	374.171	371.191	L 3
Q	2175.932	2158.908	2157.932	2203.937	2186.930	2185.916	276.119	269.092	258.108	Q 2
E	2364.916	2347.898	2346.916	2392.920	2375.903	2374.919	148.980	0.000	148.980	E 1

sp | P84244 | H33_MOUSE

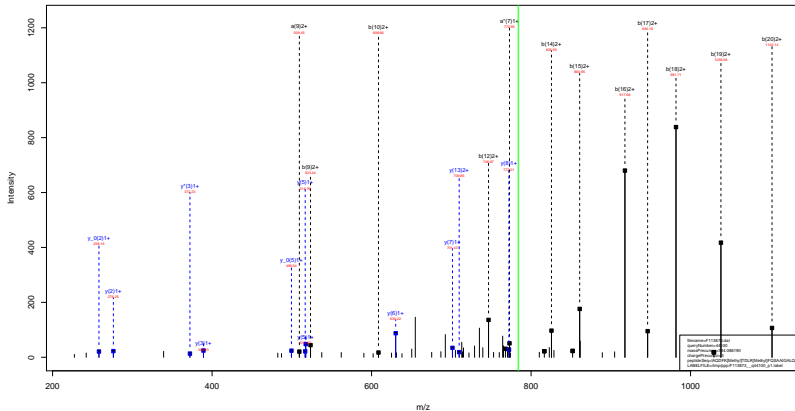
IAQDFKTDLR ^{Dimethyl} 28.03 FQSAAIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=69.89
- ▶ F113873.dat
- ▶ query=q44098_p1
- ▶ precursor=784.086150
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ^o	b	b'	b ^o	y	y'	y ^o	AA
I(3)	43.602	0.500	0.500	37.040	0.504	0.500	1176.820	1181.310	1186.820	I(2)
A(2)	78.070	0.504	0.500	39.080	0.504	0.504	1110.100	1115.590	1121.070	A(20)
Q(3)	154.100	1.010	0.500	137.080	1.010	0.504	1081.580	1079.590	1074.100	Q(18)
D(4)	200.015	130.200	191.600	214.911	200.097	200.000	1019.534	1011.020	1010.010	D(16)
F(5)	274.147	180.804	266.147	288.147	270.632	270.140	962.020	953.500	951.010	F(17)
K(6)	338.220	229.602	320.190	352.192	343.679	343.197	880.480	879.970	879.480	K(16)
T(7)	388.319	280.200	320.710	400.710	384.200	383.710	824.400	819.900	815.410	T(15)
D(8)	440.552	337.130	437.221	460.221	451.705	451.224	775.050	769.400	764.910	D(14)
L(9)	502.774	404.200	491.700	514.722	506.200	507.200	718.600	709.800	707.700	L(13)
R(10)	564.450	460.100	550.200	568.834	558.100	559.100	630.800	621.300	616.800	R(12)
F(11)	608.570	509.000	599.500	620.500	613.000	613.500	583.200	575.200	569.200	F(11)
Q(12)	672.604	723.891	723.399	746.401	737.890	737.399	498.200	489.700	480.200	Q(10)
S(13)	770.500	667.400	656.010	780.010	771.494	770.910	430.200	424.710	420.200	S(9)
A(14)	811.910	700.900	690.410	825.436	816.900	816.410	350.410	346.900	343.410	A(8)
A(15)	846.907	736.414	727.900	860.954	852.441	851.949	301.100	297.600	294.100	A(7)
I(16)	923.460	804.000	794.490	917.497	908.980	908.490	211.000	207.500	204.000	I(6)
G(17)	1023.010	913.490	903.990	946.007	937.490	936.990	150.100	146.600	143.100	G(5)
A(18)	997.520	900.010	890.520	981.526	973.010	972.510	230.824	225.130	220.810	A(4)
L(19)	1024.670	913.397	903.890	1038.669	1029.900	1029.400	136.100	132.500	129.000	L(3)
Q(20)	1080.500	1019.200	1010.000	1102.807	1093.500	1093.000	130.000	126.500	123.000	Q(2)
D(21)	1170.010	1144.000	1143.610	1166.610	1158.100	1157.610	76.500	75.000	73.500	D(1)

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl} 14.02 TDLR ^{Methyl} 14.02 FQSAAGALQE



Mass: 1338.027
 Gene: H33_MOUSE
 Mod: 14.02
 ID: 1338.027
 Name: H33_MOUSE
 Description: H33_MOUSE

sp | P84244 | H33_MOUSE

IAQDFK ^{Methyl}14.02 TDLR ^{Methyl}14.02 FQSAAIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=69.40
- ▶ F113873.dat
- ▶ query=q44100_p1
- ▶ precursor=784.086190
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,β	b	b'	b,β	y	y'	y,β	AA
I(3)	86.606	0.000	0.000	114.001	0.000	0.000	2180.240	2111.214	2022.228	[R2]
A(2)	137.134	0.000	0.000	185.120	0.000	0.000	2237.150	2220.130	2213.140	A(26)
Q(3)	126.102	388.385	0.000	213.187	298.180	0.000	2126.133	2149.000	2148.000	Q(18)
D(4)	400.219	383.183	382.200	428.214	411.187	410.203	2030.100	2023.074	2003.092	Q(16)
F(5)	847.287	538.261	526.277	578.261	558.258	557.272	1821.031	1808.001	1805.021	F(17)
K(6)	808.398	517.272	501.285	511.291	500.388	499.392	1745.082	1758.938	1757.034	K(16)
T(7)	700.466	713.419	772.435	618.441	601.424	600.434	1838.894	1849.828	1811.844	T(15)
D(8)	305.473	616.519	617.450	603.468	616.441	615.457	2132.202	2115.788	2114.796	D(14)
L(9)	181.587	280.530	120.540	104.552	1020.525	1020.514	1417.700	1402.711	1380.700	L(13)
R(10)	118.674	1171.967	1171.960	1218.968	1218.960	1218.968	1398.968	1397.988	1398.000	R(12)
P(11)	1330.742	1330.735	1317.732	1363.737	1349.732	1348.726	1134.579	1117.552	1118.568	P(11)
Q(12)	1633.811	1649.797	1440.792	1481.793	1478.789	1477.780	107.531	109.504	106.500	Q(10)
S(13)	1030.833	1033.828	1032.822	1038.827	1041.824	1040.817	131.822	1042.426	1041.441	S(9)
A(14)	1014.918	1024.912	1001.910	1040.915	1024.910	1023.914	772.420	793.391	794.408	A(8)
A(15)	1062.907	1076.900	1074.898	1120.902	1103.895	1102.891	701.383	688.358	688.172	A(7)
I(16)	1035.961	1128.954	1127.950	1133.955	1126.949	1125.975	630.346	613.319	612.335	I(6)
G(17)	1013.912	1025.905	1024.901	1028.907	1029.901	1029.907	517.292	509.276	499.251	G(5)
A(18)	1394.049	1397.033	1393.030	1392.044	1394.038	1394.034	450.253	443.234	442.230	A(4)
L(19)	2047.133	2038.127	2028.121	2038.128	2038.122	2037.118	389.203	372.177	371.183	L(3)
Q(20)	2175.192	2158.185	2157.180	2163.187	2160.180	2159.176	376.118	269.102	258.108	Q(2)
D(21)	2184.276	2207.269	2206.263	2212.270	2210.263	2210.218	146.263	140.260	138.260	D(1)

sp | P84244 | H33_MOUSE

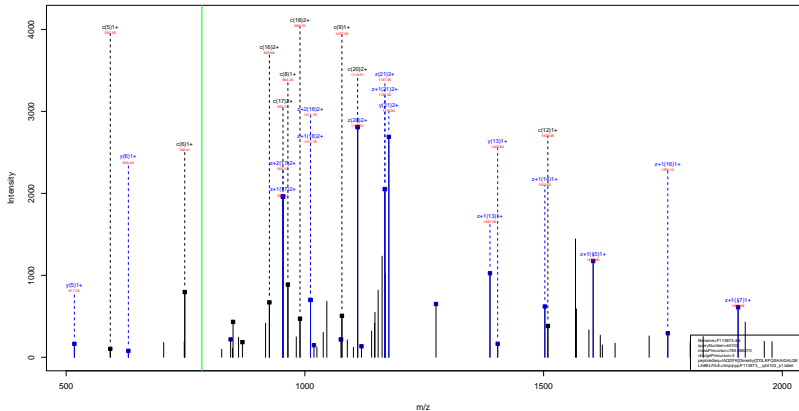
IAQDFK ^{Methyl}14.02 TDLR ^{Methyl}14.02 FQSAAIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=69.40
- ▶ F113873.dat
- ▶ query=q44100.p1
- ▶ precursor=784.086190
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA	
R1	45.592	0.504	0.504	57.949	0.504	0.504	1179.626	1197.110	1188.618	R21	
A1	79.100	0.504	0.504	81.069	0.504	0.504	1119.082	1110.588	1110.090	A20	
G1	143.131	1.008	0.504	149.589	1.008	0.504	1087.593	1017.089	1014.588	G19	
D1	209.113	1.512	1.008	214.511	1.512	1.008	959.542	981.021	910.022	D18	
F1	274.147	2.016	1.512	288.142	2.016	1.512	879.140	981.020	981.021	F17	
K1	345.211	2.520	2.016	359.209	2.520	2.016	808.485	876.570	876.570	K16	
T1	385.217	3.024	2.520	398.144	3.024	2.520	802.919	814.011	808.910	T15	
E1	451.260	3.528	3.024	467.217	3.528	3.024	738.232	758.937	758.938	E14	
L1	509.782	4.032	3.528	523.779	4.032	3.528	614.774	109.394	100.889	L13	
M1	579.878	4.536	4.032	608.838	4.536	4.032	588.129	588.129	444.131	M12	
P1	658.974	5.040	4.536	668.924	5.040	4.536	573.569	573.567	597.793	599.289	P11
Q1	732.034	5.544	5.040	746.411	5.544	5.040	477.056	494.287	486.746	480.254	Q10
S1	779.100	7.67.407	5.544	786.911	7.67.407	5.544	439.222	412.712	441.234	S09	
A14	811.478	8.182	8.182	825.436	816.923	816.431	399.114	399.114	399.114	A08	
A15	846.957	8.686	8.686	860.954	852.441	851.949	361.135	343.683	343.180	A07	
I16	961.049	9.84	9.84	917.497	908.981	908.491	313.613	307.183	306.671	I06	
C17	1133.819	12.149	12.149	1146.997	1137.484	1136.994	239.347	269.921	269.419	C05	
A18	1197.528	12.753	12.753	1211.540	1202.023	1201.533	230.824	222.110	221.618	A04	
L19	1224.970	13.257	13.257	1238.089	1228.573	1228.083	181.185	188.792	188.110	L03	
G20	1308.119	13.861	13.861	1302.634	1293.117	1292.627	132.787	140.394	139.882	G02	
R21	1352.621	14.465	14.465	1358.616	1349.103	1348.613	74.534	82.929	82.929	R01	

sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSA AIGALQE
28.03



sp | P84244 | H33_MOUSE

IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.01
- ▶ F113873.dat
- ▶ query=q44103_p1
- ▶ precursor=784.086270
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	131.118	2852.240	2334.221	0.000	2333.214	I [21]
A [2]	202.155	3237.150	2221.137	0.000	2220.130	A [20]
Q [3]	330.214	2166.110	2150.100	2151.108	2149.092	Q [19]
D [4]	445.241	3338.060	3022.042	3023.040	3021.034	D [18]
F [5]	592.309	1923.033	1907.015	1908.023	1905.007	F [17]
K [6]	748.435	1775.965	1759.946	1760.954	1758.938	K [16]
T [7]	849.483	1619.839	1603.820	1604.828	1602.812	T [15]
D [8]	964.510	1518.791	1502.772	1503.780	1501.765	D [14]
L [9]	1077.594	1403.764	1387.745	1388.753	1386.735	L [13]
R [10]	1213.695	1290.680	1274.661	1275.669	1273.654	R [12]
F [11]	1580.763	1134.579	1118.560	1119.568	1117.552	F [11]
Q [12]	1508.822	987.511	971.402	972.500	970.484	Q [10]
S [13]	1595.854	859.452	843.433	844.441	842.425	S [9]
A [14]	1666.891	772.420	756.401	757.409	755.393	A [8]
A [15]	1737.928	703.383	685.364	686.372	684.356	A [7]
I [6]	1813.012	630.346	614.327	615.335	613.319	I [6]
Q [17]	1908.034	517.262	501.243	502.251	500.235	Q [5]
A [18]	1979.071	460.240	444.221	445.229	443.214	A [4]
L [19]	2092.155	389.203	373.184	374.192	372.177	L [3]
Q [20]	2220.214	276.119	260.100	261.108	259.092	Q [2]
E [21]	2349.256	148.060	132.042	133.050	131.034	E [1]

sp | P84244 | H33_MOUSE

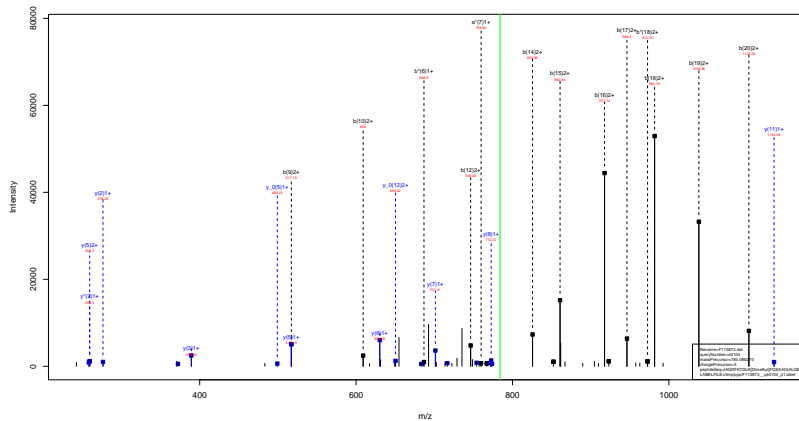
IAQDFK^{Dimethyl} TDLRFQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.01
- ▶ F113873.dat
- ▶ query=q44103.p1
- ▶ precursor=784.086270
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1175.624	1167.614	0.504	1167.110	[21]
A [2]	101.501	1119.062	1111.072	0.504	1110.568	A[20]
Q [3]	165.610	1083.563	1075.554	1076.058	1075.050	Q[19]
D [4]	223.124	1019.534	1011.524	1012.028	1011.021	D[18]
F [5]	290.628	954.011	954.011	954.515	953.507	F[17]
K [6]	374.721	888.486	880.477	880.981	879.973	K[16]
T [7]	425.245	810.423	802.414	802.918	801.910	T[15]
D [8]	482.759	759.899	751.890	752.394	751.386	D[14]
L [9]	539.301	702.366	694.376	694.880	693.872	L[13]
R [10]	617.363	646.844	637.833	638.338	637.330	R[12]
F [11]	690.535	597.792	589.784	590.288	589.280	F[11]
Q [12]	754.915	494.259	486.250	486.753	485.745	Q[10]
S [13]	768.431	430.230	422.220	422.724	421.716	S[9]
A [14]	833.049	396.714	378.704	379.208	378.200	A[8]
A [15]	869.468	351.195	343.188	343.690	342.682	A[7]
I [16]	926.010	315.676	307.667	308.171	307.163	I[6]
G [17]	954.521	259.134	251.126	251.629	250.621	G[5]
A [18]	990.039	230.624	222.614	223.118	222.110	A[4]
L [19]	1048.501	195.105	187.096	187.600	186.592	L[3]
Q [20]	1110.610	138.563	130.554	131.058	130.050	Q[2]
E [21]	1175.132	74.534	66.524	67.028	66.021	E[1]

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} FQSA AIGALQE
28.03



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sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSAAIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=69.77
- ▶ F113873.dat
- ▶ query=q44104_p1
- ▶ precursor=784.086270
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I	88.008	0.000	0.000	114.001	0.000	0.000	2160.200	2311.214	2311.218	[R2]
A	137.134	0.000	0.000	185.133	0.000	0.000	2237.150	2220.150	2219.149	A[26]
Q	226.162	288.285	0.000	213.287	298.150	0.000	2248.133	2149.000	2148.000	Q[18]
D	400.219	383.383	382.200	428.214	411.387	410.200	2030.100	2021.024	2020.000	Q[16]
F	847.287	830.281	828.272	878.281	858.258	857.277	1921.031	1808.000	1805.021	F[17]
K	875.282	858.289	857.272	901.277	886.251	885.260	1745.083	1738.000	1737.004	K[16]
T	879.438	759.484	760.420	884.425	757.480	756.410	1847.891	1835.844	1835.898	T[15]
D	891.457	874.411	873.448	919.462	902.420	901.441	1546.822	1535.748	1535.811	D[14]
L	1024.541	987.533	986.516	1010.538	1011.509	1014.520	1431.760	1434.760	1431.760	L[13]
M	1188.674	1171.667	1170.660	1210.668	1189.642	1188.670	1318.711	1309.588	1308.700	M[12]
P	1330.742	1318.715	1317.732	1363.737	1346.710	1345.730	1134.579	1117.552	1118.568	P[11]
Q	1633.811	1620.797	1620.792	1661.795	1674.800	1673.810	987.531	978.104	980.500	Q[10]
S	1650.833	1633.828	1632.822	1678.827	1691.801	1690.810	885.565	884.428	884.411	S[9]
A	1814.918	1804.912	1803.920	1846.903	1834.908	1833.920	772.820	765.360	754.409	A[8]
A	1862.907	1856.889	1854.890	1920.902	1910.895	1910.890	701.383	688.358	683.372	A[7]
I	1885.961	1878.954	1877.950	1933.960	1916.959	1915.970	630.346	613.310	612.310	I[6]
G	1883.812	1885.809	1884.800	1908.807	1919.801	1917.800	517.262	509.239	499.251	G[5]
A	1934.049	1917.033	1916.030	1962.044	1946.018	1944.030	450.252	443.234	442.230	A[4]
L	2047.133	2030.107	2029.120	2078.128	2058.102	2057.130	389.203	372.177	371.180	L[3]
Q	2175.192	2158.168	2157.180	2203.187	2186.160	2185.170	276.119	259.092	258.108	Q[2]
D	2304.276	2287.250	2286.250	2332.250	2315.251	2314.250	146.080	146.080	146.080	D[1]

sp | P84244 | H33_MOUSE

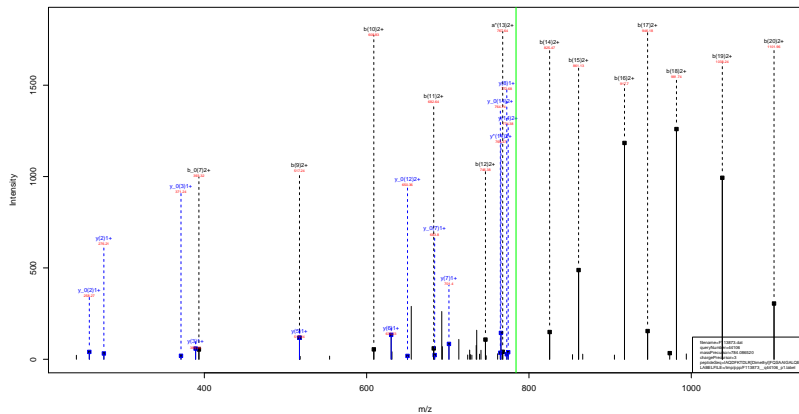
IAQDFKTDLR ^{Dimethyl} FQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=69.77
- ▶ F113873.dat
- ▶ query=q44104.p1
- ▶ precursor=784.086270
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,β	b	b'	b,β	y	y'	y,β	AA
I(3)	43.602	0.500	0.500	57.040	0.504	0.500	1176.620	1181.110	1186.610	I(2)
A(2)	70.070	0.504	0.500	93.080	0.504	0.504	1110.560	1115.070	1120.570	A(20)
Q(3)	154.100	1.014	0.504	137.080	1.481	0.504	1081.581	1076.080	1081.580	Q(10)
D(4)	200.013	102.330	101.600	214.461	206.097	205.400	1070.534	1014.021	1010.520	D(10)
F(5)	274.447	105.610	105.141	288.141	270.632	270.140	980.020	953.501	953.010	F(17)
K(6)	338.095	109.062	109.190	352.192	343.679	343.191	880.480	879.973	879.481	K(16)
T(7)	400.079	100.300	100.711	400.710	394.203	393.711	820.430	815.920	815.431	T(15)
D(8)	446.532	137.710	137.221	460.210	451.710	451.224	771.915	765.410	764.910	D(14)
L(9)	502.274	104.201	104.170	516.772	508.710	507.700	716.011	710.500	710.010	L(13)
R(10)	558.450	100.101	100.101	608.834	599.710	599.611	600.000	591.500	650.854	R(12)
F(11)	608.570	105.001	105.000	605.001	613.000	613.001	551.501	550.200	550.700	F(11)
Q(12)	672.004	103.001	103.100	746.401	737.000	737.000	490.200	489.700	489.204	Q(10)
S(13)	675.501	767.407	766.915	765.001	761.004	760.512	430.200	429.710	429.204	S(9)
A(14)	691.910	100.910	100.910	825.430	816.001	816.001	300.914	300.000	300.910	A(8)
A(15)	846.907	100.404	100.901	880.954	852.441	851.940	101.100	147.000	147.100	A(7)
I(16)	923.000	104.000	104.000	917.407	908.001	908.001	100.001	113.000	100.101	I(6)
G(17)	973.010	923.407	923.000	946.007	937.000	937.000	250.134	249.001	249.010	G(5)
A(18)	997.520	103.520	103.520	1015.520	973.013	972.521	230.024	229.110	229.010	A(4)
L(19)	1024.070	103.070	103.070	1038.068	1029.000	1029.000	100.100	100.500	100.100	L(3)
Q(20)	1080.501	1070.200	1070.004	1102.007	1093.504	1093.500	130.503	130.000	129.500	Q(2)
D(21)	1170.011	1144.100	1143.610	1130.011	1120.100	1120.610	70.501	0.500	0.510	D(1)

sp | P84244 | H33_MOUSE

IAQDFKTDLR^{Dimethyl}FQSA AIGALQE
28.03



Mass: 13071.00
Gene: Hm19b-01708
Mod: P84244 (28.03)
Charge: 2
Protein: Hm19b-01708 (28.03)
Label: P84244-01708 (28.03)

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} 28.03 FQSAAIGALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=70.10
- ▶ F113873.dat
- ▶ query=q44106_p1
- ▶ precursor=784.086520
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
I	98.698	0.000	0.000	114.091	0.000	0.000	2050.246	2153.214	2352.232	I 21
A	117.134	0.000	0.000	105.126	0.000	0.000	2227.150	2220.130	2219.146	A 20
Q	126.012	262.009	0.000	113.181	266.006	0.000	2160.110	2149.090	2148.106	Q 19
D	400.219	363.193	362.208	426.214	411.197	410.201	2670.090	2661.074	2660.090	D 18
F	247.207	231.201	230.217	375.203	356.206	357.212	1924.031	1908.007	1905.012	F 17
K	625.082	608.208	607.212	704.207	686.211	685.207	3775.065	3759.065	3757.054	K 16
T	479.436	459.434	458.420	608.429	587.468	586.414	1843.000	1830.004	1829.019	T 15
D	391.457	374.411	373.400	509.403	490.425	491.411	1546.022	1529.988	1528.911	D 14
L	104.541	97.523	96.521	102.529	101.530	101.528	1421.700	1414.700	1413.700	L 13
R	1188.814	1171.807	1170.800	1278.806	1259.824	1258.810	3331.711	3316.809	3315.811	R 12
F	1320.742	1308.735	1307.731	1363.737	1346.719	1345.726	3134.979	3117.963	3116.968	F 11
Q	163.801	1469.774	1445.790	1461.795	1474.769	1473.780	867.511	870.504	869.500	Q 10
S	1530.833	1523.826	1522.822	1578.827	1561.801	1560.817	892.425	894.441	894.441	S 9
A	101.810	2004.813	2003.800	2046.806	2032.788	2031.804	772.420	775.391	774.406	A 8
A	100.807	1015.809	1014.800	1120.803	1103.875	1102.891	701.383	684.369	483.372	A 7
I	103.804	1100.804	1100.800	1153.806	1136.809	1135.805	630.346	613.319	612.319	I 6
C	101.812	1002.808	1001.801	1097.801	1078.804	1077.807	517.262	500.239	499.241	C 5
A	100.809	1017.813	1016.810	1060.816	1043.819	1042.834	463.262	445.214	444.230	A 4
L	101.811	1000.817	1000.810	1009.818	1006.810	1007.811	389.263	374.171	371.193	L 3
Q	101.812	1008.820	1007.812	1003.819	1006.820	1005.816	276.119	269.092	258.108	Q 2
E	104.816	2007.828	2006.821	2052.826	2035.803	2034.819	148.990	0.000	150.990	E 1

sp | P84244 | H33_MOUSE

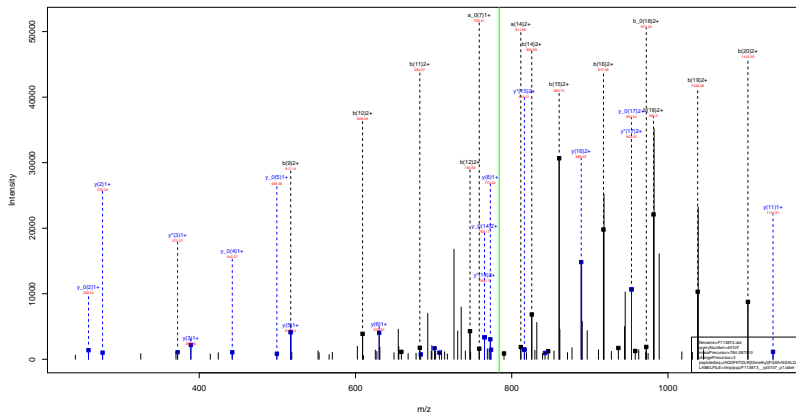
IAQDFKTDLR ^{Dimethyl} _{28.03} FQSAAIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=70.10
- ▶ F113873.dat
- ▶ query=q44106.p1
- ▶ precursor=784.086520
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I(3)	43.602	0.500	0.500	37.040	0.504	0.500	1176.820	1181.310	1186.810	I(2)
A(2)	70.070	0.504	0.500	33.080	0.504	0.500	1110.500	1115.010	1120.510	A(20)
Q(3)	154.100	1.010	0.500	137.080	1.004	0.504	1081.500	1077.000	1072.500	Q(10)
D(4)	200.010	130.300	191.600	214.010	200.007	205.000	1070.530	1011.020	1010.520	Q(10)
F(5)	274.147	180.810	266.147	288.140	270.632	279.140	980.000	953.500	953.010	F(17)
K(6)	338.190	220.000	320.190	352.190	343.070	353.190	880.000	870.970	870.980	K(16)
T(7)	400.210	280.200	370.210	400.210	380.200	393.211	820.000	810.200	810.210	T(15)
D(8)	446.232	437.710	437.232	460.230	451.710	451.230	773.015	765.403	764.910	L(14)
L(9)	502.274	494.260	494.270	516.272	508.260	507.260	710.000	700.260	700.270	L(13)
R(10)	558.316	550.300	550.310	569.308	560.300	560.310	630.000	621.300	620.854	R(12)
F(11)	608.370	600.360	600.370	622.372	613.360	613.370	550.200	530.200	530.200	F(11)
Q(12)	672.404	663.390	663.400	746.401	737.390	737.400	490.200	480.200	480.200	Q(10)
S(13)	772.500	747.487	746.500	780.500	761.484	760.500	430.200	421.200	421.200	S(9)
A(14)	814.500	800.500	800.510	825.436	816.500	816.510	350.200	340.200	340.200	A(8)
A(15)	846.507	830.494	830.500	860.504	851.490	851.500	340.000	340.000	340.000	A(7)
I(16)	923.500	904.500	904.490	917.497	908.500	908.490	310.000	300.000	300.000	I(6)
G(17)	972.510	953.490	953.500	946.507	937.490	937.500	290.200	280.200	280.200	G(6)
A(18)	997.520	978.510	978.520	981.520	973.013	972.510	270.000	250.000	250.000	A(4)
L(19)	1024.510	1003.500	1003.500	1038.506	1029.500	1029.510	190.100	180.100	180.100	L(8)
Q(20)	1080.500	1070.500	1070.500	1102.507	1093.500	1093.500	130.000	130.000	130.000	Q(2)
D(21)	1170.510	1144.500	1144.510	1160.510	1150.500	1150.510	70.000	70.000	70.000	D(1)

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} FQSAAILGALQE
28.03



sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} FQSAAIGALQE
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.20
- ▶ F113873.dat
- ▶ query=q44107_p1
- ▶ precursor=784.087310
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I(3)	86.898	0.000	0.000	114.091	0.000	0.000	2160.240	2311.214	2311.214	I(2)
A(2)	637.134	0.000	0.000	185.129	0.000	0.000	2237.150	2220.150	2219.149	A(20)
Q(3)	226.162	268.265	0.000	513.287	208.150	0.000	2160.131	2149.000	2148.000	Q(18)
D(4)	490.219	383.393	382.200	428.924	411.187	410.200	2030.000	2024.924	2020.000	Q(16)
F(5)	847.287	630.261	628.277	678.061	658.258	657.277	1921.001	1908.001	1905.011	F(17)
K(6)	675.382	658.356	657.210	703.377	686.351	685.350	1775.082	1758.938	1757.934	K(16)
T(7)	676.438	676.438	735.420	604.426	597.368	596.411	1847.891	1835.844	1835.895	T(15)
D(8)	891.457	614.431	613.440	619.462	602.426	601.441	1546.822	1535.748	1535.811	D(14)
L(9)	1034.541	687.533	686.530	1032.536	1012.509	1011.528	1424.520	1411.760	1414.760	L(13)
R(10)	1188.614	1171.567	1170.560	1216.588	1199.612	1198.610	1318.711	1299.588	1298.700	R(12)
F(11)	1339.742	1338.735	1337.730	1363.737	1346.719	1345.730	1134.579	1117.555	1118.568	F(11)
Q(12)	1683.811	1682.797	1681.790	1681.795	1674.801	1673.791	887.531	878.048	880.000	Q(10)
S(13)	1830.833	1829.828	1828.822	1828.827	1821.801	1820.811	835.452	842.425	841.441	S(9)
A(14)	1984.898	1984.891	1983.886	1948.903	1934.898	1933.899	772.420	766.399	764.898	A(8)
A(15)	1982.907	1978.889	1974.890	1720.902	1700.895	1700.899	701.383	688.395	683.372	A(7)
I(16)	1835.961	1728.954	1727.950	1833.968	1815.959	1815.970	630.346	613.319	612.319	I(6)
Q(17)	1883.812	1881.805	1880.800	1881.807	1873.801	1872.801	517.262	509.239	499.251	Q(5)
A(18)	1394.049	1393.033	1392.030	1362.044	1346.018	1344.019	450.203	443.214	442.200	A(4)
L(19)	2047.133	2036.107	2035.100	2035.108	2026.102	2027.101	389.203	373.171	371.180	L(3)
Q(20)	2175.192	2158.168	2157.160	2163.187	2156.159	2155.170	276.119	269.092	258.108	Q(2)
D(21)	2304.276	2287.250	2286.240	2332.270	2315.251	2314.271	146.000	140.000	138.000	D(1)

sp | P84244 | H33_MOUSE

IAQDFKTDLR ^{Dimethyl} _{28.03} FQSAAIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=39.20
- ▶ F113873.dat
- ▶ query=q44107_p1
- ▶ precursor=784.087310
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA										
I	43	602	639	255	17	544	0.504	0.508	1176.826	1181.310	1188.828	I21								
A	2	78	770	0.504	0.504	33	282	0.504	0.504	1113.182	1113.588	1113.078	A26							
Q	3	153	150	154	365	157	287	148	584	0.504	1081.581	1079.580	1074.588	Q18						
D	4	200	213	192	380	191	650	214	461	206	997	205	620	1019	534	1011	923	1010	579	D16
F	5	274	247	265	834	265	147	288	147	278	632	379	140	680	600	951.507	951.015	F17		
K	6	338	335	329	662	320	190	352	182	343	079	343	137	888.486	879	911	279	481	K16	
T	7	388	373	388	385	379	711	408	719	384	385	383	711	918.579	915.925	T15				
E	8	446	532	437	719	437	221	460	215	461	718	451	224	773.915	765.403	764.910	E14			
L	9	502	274	494	281	491	781	516.772	1108	718	107	708	718	631	601	767.396	L13			
M	10	554	450	465	311	461	311	608.838	1088	718	109	611	601	601	581	546	608.834	M12		
P	11	608	579	609	381	609	380	682.372	1073	839	103	831	581	581	581	581	581	581	581	P11
G	12	672	604	673	487	673	198	746.401	737	888	107	888	681	289	681	746	681.274	G10		
S	13	725	627	725	487	725	198	789.917	781	484	107	484	430	230	424	718	624	234	S9	
N	14	811.438	670	670	670	670	670	825.438	818	824	816.431	818	814	818	818	818	818	818	N8	
A	15	846.957	836	844	837	835	860.954	862	841	851	849	851	180	847	848	844.180	A7			
H	16	903	869	904	888	884	888	917.497	908	881	898	881	881	881	881	881	881	881	881	H6
C	17	973	919	974	967	963	966	987.888	977	888	917.862	988	914	988	914	988	914	988	914	C5
R	18	1047	928	1048	935	958.523	961.528	973	913	972.521	230	824	223	113	223	113	223	113	R4	
V	19	1074	970	1075	977	1078	978	1038.068	1029	935	1029	935	136	110	136	110	136	110	V3	
Y	20	1088	1041	1079	1028	1079	1024	1102.807	1093	1084	1083	1084	136	1083	136	1083	136	1083	136	Y2
W	21	1176	1011	1144	1011	1143	610	1106	1011	1138	1010	1137	610	1138	610	1138	610	1138	610	W1

sp | P68433 | H31_MOUSE

IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=56.65
- ▶ F113873.dat
- ▶ query=q44759_p1
- ▶ precursor=804.741550
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a ⁺	a ⁰	b	b ⁺	b ⁰	y	y ⁺	y ⁰	AA
I(3)	86.064	0.000	0.000	114.090	0.000	0.000	243.223	2395.194	2394.223	I(2)
A(2)	137.134	0.000	0.000	185.120	0.000	0.000	2500.130	2252.112	2251.128	A(25)
Q(3)	289.392	268.166	0.000	343.381	284.160	88.221	2225.103	2211.074	2210.084	Q(19)
D(4)	450.215	383.130	362.200	475.224	411.187	215.203	2150.163	2089.010	2082.032	D(16)
F(5)	541.261	430.261	404.277	576.265	508.258	457.272	1885.038	1881.066	1880.057	F(17)
K(6)	675.362	608.256	587.252	701.377	688.311	669.377	1817.040	1820.021	1819.031	K(16)
T(7)	776.430	726.404	704.420	804.426	787.368	768.414	1728.091	1669.026	1666.042	T(15)
D(8)	861.467	814.431	791.446	919.450	901.425	881.441	1650.050	1593.778	1590.794	D(14)
L(9)	1004.541	987.512	968.520	1022.530	1013.500	1014.512	1481.730	1476.752	1475.768	L(13)
R(10)	1174.588	1137.610	1105.661	1240.681	1228.706	1219.712	1380.080	1381.081	1380.081	R(12)
P(11)	1321.720	1304.700	1293.706	1349.722	1332.680	1331.711	1270.571	1195.501	1192.567	P(11)
Q(12)	1449.769	1432.750	1421.771	1477.788	1460.733	1459.769	1083.700	1046.624	1043.697	Q(10)
S(13)	1638.817	1619.790	1608.805	1664.812	1647.785	1646.801	985.480	916.426	913.440	S(9)
S(14)	1824.884	1806.874	1791.810	1851.846	1834.811	1833.813	924.410	833.364	830.408	S(8)
A(15)	1994.980	1977.950	1966.870	1992.881	1975.854	1974.870	761.386	744.360	741.376	A(1)
V(16)	2170.954	2155.920	2147.854	2184.929	2184.929	2183.930	690.349	679.320	672.310	V(1)
K(17)	2324.989	2307.950	2295.969	2356.989	2339.953	2334.978	591.281	574.254	571.269	K(1)
A(18)	1998.053	1979.006	1978.023	2024.021	2007.000	2006.016	460.240	443.214	442.210	A(4)
L(16)	2109.118	2092.090	2091.108	2137.111	2120.084	2119.100	389.293	372.173	371.093	L(6)
Q(20)	2237.170	2220.140	2219.154	2265.170	2248.143	2247.159	376.119	359.092	358.108	Q(2)
D(21)	2390.211	2368.170	2363.180	2398.211	2387.180	2376.200	148.000	148.000	148.000	D(3)

sp | P68433 | H31_MOUSE

IAQDFKTDLR ^{Methyl} 14.02 FQSSAVMALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=56.65
- ▶ F113873.dat
- ▶ query=q44759_p1
- ▶ precursor=804.741550
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA
R1	41.007	0.504	0.504	37.049	0.504	0.504	120.637	110.132	110.132	Q21
A2	76.001	0.509	0.509	69.006	0.504	0.504	110.039	114.566	114.566	A26
Q3	143.000	0.504	0.504	137.001	140.504	0.504	114.554	110.039	110.039	Q19
D4	208.012	0.503	100.009	194.011	206.009	0.509	100.037	104.7812	104.781	L18
F15	274.147	0.504	266.141	268.143	273.632	0.504	100.039	104.492	104.492	F17
K6	330.195	0.500	320.191	321.192	343.679	0.503	100.437	101.960	101.472	K16
T17	388.229	0.503	379.233	380.232	389.209	0.503	83.430	100.039	100.039	L15
D8	440.262	0.503	437.253	400.250	401.251	0.504	100.039	100.301	105.901	L14
L16	502.274	0.503	494.269	491.267	500.271	0.503	100.039	100.039	100.039	L13
R19	567.289	0.503	559.281	601.280	599.277	0.503	100.039	100.039	100.039	K22
F11	601.267	852.854	632.302	600.264	609.261	0.504	100.292	107.270	108.767	F11
Q12	720.266	0.503	710.260	730.264	730.880	730.308	100.292	103.740	103.251	Q10
S13	780.312	760.300	730.907	782.810	774.305	773.304	100.292	100.710	100.221	S10
S14	832.326	0.503	824.320	826.321	831.324	0.503	100.292	103.100	103.100	S16
A15	847.347	0.503	839.341	861.344	853.431	0.503	100.130	372.683	372.191	A17
V18	897.401	0.503	889.395	911.470	902.395	902.473	100.292	107.100	106.613	V16
K17	900.404	0.504	892.399	916.390	906.400	907.399	100.292	100.039	100.039	K15
A19	960.520	0.503	952.514	1012.517	1004.504	1005.512	100.292	102.111	101.618	A16
L11	1005.062	1000.500	1000.000	1009.059	1006.546	1000.004	100.130	100.500	100.100	L11
Q20	1110.066	1100.130	1100.000	1113.060	1104.066	1104.066	100.130	100.000	100.000	Q18
E21	1183.012	1175.000	1174.000	1183.010	1180.000	1180.004	10.534	0.500	0.500	E11

sp | P68433 | H31_MOUSE

IAQDFKTDLR ^{Methyl} 14.02 FQSSAVMALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=68.80
- ▶ F113873.dat
- ▶ query=q44761_p1
- ▶ precursor=804.743860
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA	
I	98.066	0.000	0.000	114.050	0.000	0.000	2412.231	2266.156	2684.211	I	
A	137.134	0.000	0.000	135.120	0.000	0.000	2266.156	2120.112	2276.112	A	
G	159.162	382.318	0.000	151.189	298.067	0.000	2276.112	2131.078	2010.078	G	
D	440.219	353.593	382.318	426.234	243.187	410.203	2131.078	2100.041	2063.035	2092.032	D
F	547.267	530.261	530.237	579.261	638.256	617.272	1865.035	1869.066	1867.036	F	
K	675.382	658.256	657.122	703.372	668.051	665.267	1817.048	1820.011	1819.017	K	
L	776.429	760.408	758.421	804.426	772.366	768.414	1730.011	1862.026	1860.042	L	
D	101.407	374.411	373.440	918.413	1002.425	1011.441	1860.026	1501.715	2366.734	D	
I	103.041	387.513	386.511	1012.509	1012.509	1014.526	1861.715	1476.752	2176.768	I	
R	1174.608	1177.611	1176.640	1222.615	1188.628	1189.641	1380.699	1381.689	1382.699	R	
P	1321.720	1324.703	1323.710	1346.725	1312.689	1311.711	1215.577	2193.551	2192.567	P	
Q	1449.783	1452.781	1451.784	1477.788	1460.793	1462.801	1061.598	2046.824	2045.830	Q	
S	1536.817	1539.793	1538.800	1564.812	1547.785	1546.804	935.450	2018.424	2017.440	S	
N	1623.869	1626.833	1625.839	1655.844	1638.817	1637.815	868.413	931.765	470.408	N	
A	1694.886	1707.859	1706.832	1723.863	1705.854	1704.819	761.336	744.360	1741.376	A	
V	1763.954	1776.928	1775.944	1802.949	1804.923	1811.910	690.349	573.323	812.310	V	
T	1824.969	1837.923	1836.894	1864.968	1838.969	1834.912	581.361	518.294	618.286	T	
M	1908.002	1919.936	1918.921	1924.927	1920.900	1936.916	480.320	449.254	442.237	M	
L	2007.110	2002.938	2001.101	2110.111	2103.984	2111.110	389.293	372.177	671.100	L	
Q	2237.175	2230.158	2219.184	2265.170	2248.143	2267.176	276.119	259.092	258.108	Q	
E	2362.212	2361.104	2349.201	2329.211	2317.105	2317.216	148.106	148.106	178.100	E	

sp | P68433 | H31_MOUSE

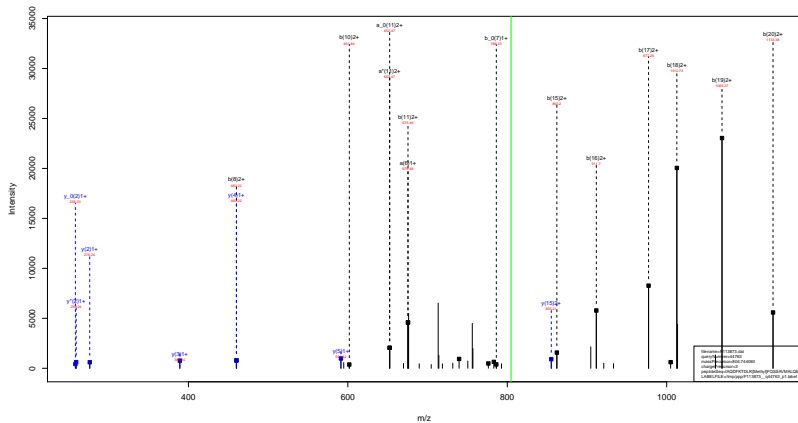
IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=68.80
- ▶ F113873.dat
- ▶ query=q44761_p1
- ▶ precursor=804.743860
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I	41.952	0.504	0.504	57.940	0.504	0.504	1206.610	1198.102	1197.602	I21
A	78.070	0.504	0.504	93.060	0.504	0.504	1150.103	1143.590	1143.090	A20
Q	143.100	0.504	0.504	157.090	0.504	0.504	1114.594	1108.081	1107.581	Q19
D	208.133	0.504	0.504	224.611	0.504	0.504	1079.095	1073.582	1073.082	D18
F	274.147	0.504	0.504	288.140	0.504	0.504	1043.597	1038.084	1037.584	F17
K	339.190	0.504	0.504	352.192	0.504	0.504	1008.099	1003.587	1003.087	K16
T	388.719	0.504	0.504	402.110	0.504	0.504	973.112	973.430	973.930	T15
D	454.733	0.512	0.512	457.221	0.512	0.512	938.124	938.363	938.361	D14
L	520.774	0.512	0.512	492.762	0.512	0.512	903.126	903.365	903.363	L13
M	587.819	0.512	0.512	557.803	601.830	0.512	868.127	868.367	868.365	M12
P	654.867	0.520	651.382	675.354	666.851	666.350	833.129	833.369	833.367	P11
Q	721.916	0.520	0.520	726.397	739.364	0.520	803.131	803.371	803.369	Q10
S	788.952	766.399	0.520	793.401	782.910	0.520	773.134	459.715	773.373	S10
S	854.978	0.520	0.520	859.443	0.520	0.520	738.136	738.375	738.373	S9
A	921.947	0.520	0.520	926.485	911.944	0.520	703.138	372.683	372.191	A10
V	987.981	0.520	0.520	992.479	911.478	0.520	668.140	668.379	668.377	V10
T	1053.999	0.520	0.520	1058.500	976.500	0.520	633.142	633.381	633.379	T10
A	1098.320	0.520	0.520	1099.521	1012.517	0.520	603.144	603.383	603.381	A10
L	1075.082	0.540	0.540	1046.056	1069.059	0.540	568.146	568.385	568.383	L10
Q	1119.081	0.540	0.540	1120.080	1135.088	0.540	533.148	533.387	533.385	Q10
E	1183.012	0.540	0.540	1184.010	1189.010	0.540	503.150	503.389	503.387	E10

sp | P68433 | H31_MOUSE

IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02



sp | P68433 | H31_MOUSE

IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=62.08
- ▶ F113873.dat
- ▶ query=q44763_p1
- ▶ precursor=804.744060
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
I(3)	86.064	0.000	0.000	114.090	0.000	0.000	2412.233	2395.194	2384.233	I(2)
A(2)	137.134	0.000	0.000	185.120	0.000	0.000	2250.130	2232.112	2221.130	A(25)
Q(3)	289.392	268.166	0.000	343.380	284.180	88.200	2228.130	2211.074	2200.084	Q(19)
D(4)	450.215	383.130	362.200	470.224	411.187	219.200	2100.163	2083.010	2072.162	D(16)
F(5)	641.267	530.261	524.277	576.266	528.246	367.272	1985.030	1969.966	1955.000	F(17)
K(6)	875.382	808.236	807.252	861.277	808.251	369.277	1837.040	1820.921	1809.937	K(16)
T(7)	976.436	790.404	784.420	804.426	807.406	706.414	1700.091	1689.926	1680.042	T(15)
D(8)	1074.431	874.430	870.430	902.425	901.441	1600.000	1592.978	1588.984	1584.994	D(14)
L(9)	1004.541	887.431	885.430	1022.430	1012.430	1014.520	1481.730	1476.724	1472.730	L(13)
M(10)	1174.580	1137.431	1135.430	1240.420	1238.420	1194.414	1380.080	1368.987	1360.000	M(12)
F(11)	1321.720	1304.700	1303.700	1349.720	1337.680	1331.711	1270.577	1265.501	1260.507	F(11)
Q(12)	1449.769	1432.730	1431.731	1477.760	1467.721	1401.760	1083.700	1078.624	1074.630	Q(10)
S(13)	1638.817	1619.760	1618.800	1664.812	1647.760	1644.801	982.400	978.424	974.440	S(9)
S(14)	1824.864	1796.760	1795.810	1851.860	1834.811	1831.811	924.410	919.360	916.400	S(8)
A(15)	1994.900	1977.800	1976.810	1992.801	1985.804	1984.810	861.380	854.360	851.370	A(11)
V(16)	2170.954	2170.920	2170.924	2041.900	2041.920	2041.920	819.300	812.310	812.310	V(10)
K(17)	2124.980	2107.800	2106.800	2080.980	2080.980	2080.980	501.201	500.204	499.200	K(8)
A(18)	1998.053	1979.006	1978.021	2024.021	2007.000	2006.016	460.240	445.234	444.230	A(4)
L(16)	2109.110	2092.000	2091.100	2137.111	2120.000	2119.100	389.293	372.177	371.093	L(8)
Q(20)	2237.110	2220.040	2219.044	2265.110	2248.143	2247.150	376.119	258.092	258.108	Q(2)
D(21)	2390.210	2368.110	2367.110	2398.210	2387.100	2376.200	148.000	148.000	148.000	D(3)

sp | P68433 | H31_MOUSE

IAQDFKTDLR ^{Methyl} 14.02 FQSSAVMALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=62.08
- ▶ F113873.dat
- ▶ query=q44763_p1
- ▶ precursor=804.744060
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀ ⁰	b	b'	b ₀ ⁰	y	y'	y ₀ ⁰	AA
I(3)	41.952	0.504	0.504	57.940	0.504	0.504	1206.610	1168.102	1187.602	I(2)
A(2)	78.070	0.504	0.504	93.060	0.504	0.504	1150.103	1143.580	1143.080	A(2)
Q(3)	1143.100	1.504	0.504	131.090	0.504	0.504	1114.594	1108.041	1108.541	Q(1)
D(4)	1508.513	1.504	1.504	174.611	1.504	1.504	1055.525	1045.021	1044.521	D(1)
F(5)	1774.047	1.504	1.504	208.140	1.504	1.504	1011.037	1004.494	1004.034	F(1)
K(6)	1938.195	1.504	1.504	252.162	1.504	1.504	953.137	947.412	946.912	K(1)
T(7)	2002.719	1.504	1.504	296.179	1.504	1.504	913.112	874.430	868.911	T(1)
D(8)	2166.121	1.504	1.504	340.192	1.504	1.504	874.124	868.363	867.863	D(1)
L(9)	2329.774	1.504	1.504	384.202	1.504	1.504	837.126	831.201	830.701	L(1)
M(10)	2493.318	1.504	1.504	428.210	1.504	1.504	802.127	800.181	799.681	M(1)
F(11)	2656.927	0.52.854	0.52.302	472.218	0.51.834	0.50.814	769.129	765.192	764.692	F(1)
Q(12)	2820.596	1.504	1.504	516.224	1.504	1.504	734.130	732.193	731.693	Q(1)
S(13)	2984.152	1.504	1.504	560.230	1.504	1.504	700.134	698.220	697.720	S(1)
S(14)	3147.708	1.504	1.504	604.233	1.504	1.504	667.134	665.193	664.693	S(1)
A(15)	3311.247	1.504	1.504	648.241	0.51.844	0.50.830	634.137	632.181	631.681	A(1)
V(16)	3474.801	1.504	1.504	692.247	0.51.870	0.50.855	602.143	600.181	599.681	V(1)
T(17)	3638.359	1.504	1.504	736.250	0.51.900	0.50.885	570.144	568.181	567.681	T(1)
A(18)	3801.920	1.504	1.504	780.251	1.012.517	1.004.004	538.151	536.824	535.511	A(1)
L(19)	3965.482	1.504	1.504	824.250	1.069.519	1.061.014	506.159	504.502	503.011	L(1)
Q(20)	4129.041	1.504	1.504	868.250	1.133.088	1.124.575	474.165	472.502	471.011	Q(1)
E(21)	4292.612	1.504	1.504	912.251	1.188.596	1.180.058	442.165	440.502	439.011	E(1)

sp | P68433 | H31_MOUSE

IAQDFKTDLR ^{Methyl} 14.02 FQSSAVMALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=41.21
- ▶ F113873.dat
- ▶ query=q44764_p1
- ▶ precursor=804.744180
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aD	b	b*	bD	y	y*	yD	AA
R1	869964	1430	0.000	1143000	0.000	0.000	2412.23	2365.194	2364.221	R21
A1	1171114	0.000	0.000	1091130	0.000	0.000	2269.119	2267.114	2261.119	A20
G1	1001342	1001.342	0.000	1014330	1.000	0.000	2420.131	2414.076	2210.064	Q10
D1	4001215	0.011	0.000	4291214	0.011	0.011	3001.010	3000.010	2902.010	D10
F1	1411011	0.011	0.011	1411.011	0.011	0.011	1881.010	1881.000	1801.011	F11
K1	0111011	0.011	0.011	1011.011	0.011	0.011	1801.010	1800.010	1810.011	K10
T1	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1800.011	T10
E1	0011011	0.011	0.011	0111.011	0.011	0.011	1801.010	1800.010	1901.011	E10
L1	1004341	1004.341	0.000	1012.340	0.012	0.000	1814.328	1813.741	1470.702	L11
M1	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1801.011	M10
P1	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1801.011	P10
Q1	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1801.011	Q10
S1	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1801.011	S10
N1	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1801.011	N10
A11	1004340	1004.340	0.000	1012.340	0.012	0.000	1814.328	1813.741	1470.702	A11
V11	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1801.011	V10
I11	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1801.011	I10
A111	1004340	1004.340	0.000	1012.340	0.012	0.000	1814.328	1813.741	1470.702	A11
L111	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1801.011	L11
G11	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1801.011	G11
D11	1111011	0.011	0.011	1111.011	0.011	0.011	1801.010	1800.010	1801.011	D11

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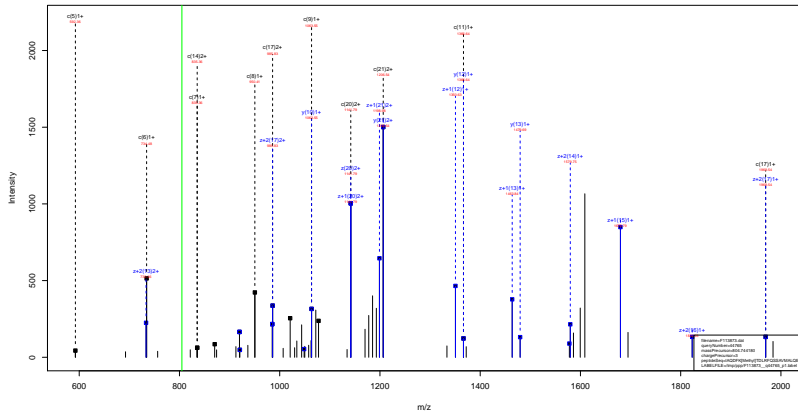
IAQDFKTDLR ^{Methyl} 14.02 FQSSAVMALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=41.21
- ▶ F113873.dat
- ▶ query=q44764_p1
- ▶ precursor=804.744180
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-D	b	b'	b-D	y	y'	y-D	AA
R1	41.067	0.904	0.904	37.949	0.904	0.904	1206.010	1108.010	1107.010	Q21
A2	76.001	0.904	0.904	69.086	0.904	0.904	1100.071	1141.966	1141.066	A26
Q3	143.000	1.94506	0.934	137.091	1.48504	0.934	1114.054	1108.040	1105.040	Q19
D4	208.013	0.910	1.00000	194.111	0.90000	0.90000	1099.006	1095.000	1094.000	L18
F5	274.147	205.134	205.141	268.143	273.633	270.140	983.012	984.418	984.006	F17
K6	339.090	339.090	339.100	332.192	343.879	343.187	819.477	819.960	819.472	K16
T7	388.719	389.013	389.713	400.110	388.009	389.711	835.410	846.917	846.425	L15
D8	446.044	437.119	437.221	400.230	481.719	481.024	804.959			D14
L9	502.774	494.201	494.100	500.771	508.258	507.760	787.388	788.070	788.367	L11
R10	569.018	579.111	581.011	601.830	580.111	580.008	697.987	682.111	681.008	R12
F11	641.367	622.024	632.302	667.304	666.051	666.309	605.792	597.270	598.787	F11
Q12	720.369	614.081	616.100	739.304	739.881	740.380	632.280	633.146	633.251	Q10
S13	788.012	793.308	793.000	782.010	774.308	774.004	588.225	490.715	490.212	S10
S14	832.438	811.011	813.411	820.411	811.011	812.430	624.111	613.989	613.707	S16
A15	847.847	838.413	838.941	861.844	853.411	853.939	611.187	372.683	372.181	A17
V16	897.461	888.968	888.476	911.470	903.070	903.473	505.070	517.005	516.073	V16
K17	963.001	954.000	954.000	976.000	966.485	967.000	400.484	400.000	399.000	K17
A18	998.000	990.000	990.011	1012.511	1004.004	1005.011	300.004	292.111	291.011	A18
L19	1005.062	1006.008	1006.000	1009.009	1006.546	1006.054	100.100	100.000	100.100	L19
Q20	1116.000	1110.011	1110.000	1131.000	1124.011	1124.000	100.011	100.000	100.000	Q20
E21	1183.012	1175.000	1174.833	1183.012	1183.000	1183.004	74.534	0.500	85.529	E11

sp | P68433 | H31_MOUSE

IAQDFK ^{Methyl} TDLRFQSSAVMALQE
14.02



sp | P68433 | H31_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSSAVMALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=42.58
- ▶ F113873.dat
- ▶ query=q44765_p1
- ▶ precursor=804.744180
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	131.118	2412.225	2396.206	0.000	2395.190	R[21]
A [2]	202.155	2299.130	2283.120	0.000	2282.112	A[20]
Q [3]	330.214	2228.102	2212.083	2213.001	2211.075	Q[19]
D [4]	445.241	2140.043	2084.024	2039.012	2037.010	D[18]
F [5]	592.309	1985.016	1969.997	1970.005	1967.990	F[17]
K [6]	734.420	1837.948	1821.929	1822.937	1820.921	K[16]
T [7]	835.467	1695.837	1679.818	1680.826	1678.810	T[15]
D [8]	950.494	1594.789	1578.771	1579.778	1577.763	D[14]
L [9]	1063.578	1479.762	1463.744	1464.752	1462.736	L[13]
R[10]	1219.679	1366.678	1350.660	1351.667	1349.651	R[12]
F [11]	1366.748	1210.577	1194.559	1195.566	1193.551	F[11]
Q [12]	1494.806	1063.509	1047.490	1048.498	1046.482	Q[10]
S [13]	1561.838	935.450	919.432	920.439	918.424	S[9]
S [14]	1668.870	848.418	832.400	833.407	831.392	S[8]
A [15]	1739.908	743.388	743.397	746.375	744.360	A[7]
V [16]	1838.978	650.340	674.330	675.338	673.323	V[6]
M [17]	1970.016	561.281	575.262	576.270	574.254	M[5]
A [18]	2041.054	460.240	444.231	445.229	443.214	A[4]
L [19]	2154.138	389.203	373.194	374.192	372.177	L[3]
Q [20]	2282.196	276.170	260.160	261.158	259.142	Q[2]
E [21]	2411.239	148.090	132.082	133.080	131.064	E[1]

sp | P68433 | H31_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSSAVMALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=42.58
- ▶ F113873.dat
- ▶ query=q44765_p1
- ▶ precursor=804.744180
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.063	1206.615	1198.606	0.504	1198.103	I[21]
A [2]	101.501	1150.073	1142.064	0.504	1141.560	A[20]
Q [3]	105.610	1114.554	1106.545	1107.040	1106.041	Q[19]
D [4]	223.124	1050.525	1042.516	1043.020	1042.511	D[18]
F [5]	296.658	993.012	965.002	965.506	964.496	F[17]
K [6]	307.713	919.477	911.468	911.972	910.964	K[16]
T [7]	418.237	848.422	840.413	840.917	839.909	T[15]
D [8]	475.751	797.899	789.889	790.393	789.385	D[14]
L [9]	532.291	740.385	732.375	732.879	731.872	L[13]
R [10]	610.343	683.841	675.833	676.337	675.329	R[12]
F [11]	683.878	605.792	597.783	598.287	597.279	F[11]
Q [12]	747.907	532.258	524.249	524.753	523.745	Q[10]
S [13]	791.423	468.220	460.210	460.723	459.715	S[9]
S [14]	834.939	424.713	416.703	417.207	416.199	S[8]
A [15]	878.457	381.187	373.187	373.691	372.683	A[7]
V [16]	919.992	345.670	337.669	338.173	337.165	V[6]
M [17]	965.512	296.144	288.135	288.639	287.631	M[5]
A [18]	1021.030	230.624	222.614	223.118	222.110	A[4]
L [19]	1077.572	195.105	187.096	187.600	186.592	L[3]
Q [20]	1141.602	138.563	130.554	131.058	130.050	Q[2]
E [21]	1206.123	74.534	66.524	67.028	66.021	E[1]

sp | P68433 | H31_MOUSE

IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=63.64
- ▶ F113873.dat
- ▶ query=q44767_p1
- ▶ precursor=804.745160
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a.p	b	b*	b.p	y	y*	y.p	AA
I(3)	88.0664	0.000	0.000	114.090	0.000	0.000	2412.220	2395.194	2384.222	I(2)
A(2)	137.114	0.000	0.000	185.120	0.000	0.000	2250.130	2232.112	2221.128	A(25)
Q(3)	289.392	268.166	0.00	341.341	284.180	0.00	2228.100	2214.074	2203.084	Q(19)
D(4)	450.215	383.195	352.200	470.224	411.187	411.203	2100.163	2089.016	2082.032	D(10)
F(5)	641.267	630.261	624.277	676.266	658.268	657.272	1985.030	1981.996	1981.006	F(17)
K(6)	675.382	658.376	657.372	703.377	688.371	685.367	1817.040	1820.021	1818.031	K(16)
T(7)	776.526	770.484	764.483	814.525	797.508	796.514	1708.091	1699.026	1698.042	T(15)
D(8)	983.467	974.431	971.430	1014.452	997.436	991.441	1600.020	1593.778	1596.784	D(14)
L(9)	1004.541	987.512	986.510	1027.530	1013.500	1014.512	1481.730	1476.752	1475.760	L(13)
R(10)	1174.690	1157.610	1155.601	1200.620	1189.590	1189.612	1380.080	1381.081	1380.081	R(12)
F(11)	1321.720	1304.700	1303.700	1349.720	1337.680	1331.711	1270.571	1195.501	1192.567	F(11)
Q(12)	1449.760	1432.730	1431.727	1477.760	1460.733	1461.760	1083.700	1046.600	1043.667	Q(10)
S(13)	1638.817	1619.780	1618.800	1664.812	1647.785	1646.805	985.400	916.424	917.440	S(9)
S(14)	1824.884	1806.824	1805.810	1851.846	1834.811	1833.813	934.400	833.366	836.408	S(8)
A(15)	1894.880	1877.850	1876.830	1922.881	1905.854	1904.870	881.380	744.380	741.376	A(1)
V(16)	1920.954	1910.920	1910.904	1941.950	1924.923	1923.930	890.349	839.320	832.310	V(1)
K(17)	1924.980	1907.950	1906.940	1956.980	1939.953	1934.970	891.381	834.354	827.340	K(6)
A(18)	1996.053	1979.006	1978.023	2024.021	2007.000	2006.016	460.240	443.234	442.230	A(4)
L(16)	2109.116	2092.090	2091.100	2137.111	2120.084	2119.100	389.293	372.177	371.093	L(8)
Q(20)	2237.190	2220.140	2219.144	2265.170	2248.143	2247.150	376.119	258.092	258.108	Q(2)
E(21)	2390.210	2374.190	2373.193	2409.210	2394.180	2393.180	376.200	148.000	148.000	E(3)

sp | P68433 | H31_MOUSE

IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=63.64
- ▶ F113873.dat
- ▶ query=q44767_p1
- ▶ precursor=804.745160
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
H	41.052	0.509	0.509	17.546	0.504	0.509	1126.813	1100.152	1100.882	H21	
A	70.070	0.509	0.509	19.050	0.504	0.504	1130.073	1143.590	1141.088	A20	
G	104.000	1.040	1.040	12.000	1.020	1.040	0.504	1114.707	1100.044	1100.044	Q10
D	130.013	0.513	0.513	0.013	0.511	0.509	0.509	1050.262	1049.012	1044.702	D10
F	174.147	0.517	0.517	108.147	0.512	0.512	0.716	1001.097	1004.494	1004.004	F117
K	198.070	0.570	0.570	130.070	0.512	0.512	0.413	1011.107	1010.004	1010.412	K106
I	330.719	0.719	0.719	0.719	0.719	0.719	0.719	855.430	0.680	0.680	I115
E	336.144	0.574	0.574	432.144	460.230	0.512	0.512	1011.234	1005.303	1005.003	L114
L	332.274	0.574	0.574	432.274	0.512	0.512	0.716	1011.200	1004.074	1004.074	L113
M	337.013	0.573	0.573	337.013	601.830	0.512	0.512	1001.000	1001.000	1001.000	M112
P	334.307	0.573	0.573	632.302	675.304	0.509	0.509	1005.700	1007.270	1008.707	P111
Q	172.000	0.500	0.500	739.304	100.000	0.500	0.500	1002.200	1001.700	1001.200	Q103
S	190.012	0.508	0.508	190.012	782.910	0.512	0.512	1001.004	1001.200	450.715	S100
S	194.008	0.508	0.508	194.008	0.512	0.512	0.716	1001.008	1001.008	1001.008	S100
A	107.007	0.507	0.507	861.944	100.007	0.512	0.512	1011.007	1011.007	1011.007	A107
V	107.001	0.508	0.508	100.001	911.470	0.509	0.509	1011.471	1005.013	1011.013	V106
T	100.010	0.510	0.510	976.950	100.010	0.510	0.510	1001.010	1001.010	1001.010	T105
A	100.020	0.508	0.508	100.020	1012.517	1004.004	1011.512	1001.020	1001.120	1001.020	A104
L	100.010	0.508	0.508	100.010	1009.050	1004.540	1001.010	1001.010	1001.010	1001.010	L103
G	111.004	1.110	1.110	1133.000	111.004	1.110	1.110	1001.004	1001.004	1001.004	G102
D	110.012	0.510	0.510	110.012	110.012	0.510	0.510	1001.012	1001.012	1001.012	D101

sp | P68433 | H31_MOUSE

IAQDFKTDLR ^{Methyl} 14.02 FQSSAVMALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=52.06
- ▶ F113873.dat
- ▶ query=q44769_p1
- ▶ precursor=804.745320
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
I	98.066	0.000	0.000	114.066	0.000	0.000	2412.231	2266.166	264.065	I
A	137.134	0.000	0.000	185.134	0.000	0.000	2266.131	2120.066	146.065	A
Q	180.162	0.000	0.000	231.162	0.000	0.000	2220.161	2074.100	146.065	Q
D	440.219	33.543	362.238	426.214	141.187	410.203	2180.041	2063.015	200.021	D
F	547.267	530.261	530.237	579.262	638.256	617.273	1865.016	1869.966	1869.006	F
K	675.382	658.356	657.332	703.373	668.351	665.357	1817.040	1820.911	1819.031	K
L	776.439	760.434	759.410	787.429	787.708	786.414	1730.011	1800.026	1800.042	L
D	801.407	874.411	873.440	919.452	901.425	901.441	1668.050	1591.715	1590.794	D
L	1004.541	987.515	986.510	1032.536	1015.509	1014.526	1461.720	1476.732	1476.700	L
R	1174.608	1157.611	1156.640	1202.605	1185.598	1184.611	1369.011	1384.007	1384.000	R
F	1321.720	1304.703	1303.710	1348.725	1332.689	1331.711	1215.577	1193.551	1192.567	F
Q	1449.783	1432.781	1431.784	1477.788	1460.783	1459.789	1061.500	1046.484	1045.490	Q
S	1536.817	1519.799	1518.800	1564.812	1547.785	1546.801	935.450	918.424	917.440	S
S	1621.866	1604.828	1603.819	1651.844	1634.817	1633.815	863.411	847.395	846.408	S
A	1894.886	1877.859	1876.835	1923.863	1906.854	1904.819	761.336	744.360	743.376	A
V	1973.954	1956.933	1955.944	1992.949	1974.923	1973.910	690.349	673.323	672.319	V
T	1984.969	1967.928	1966.909	1994.964	1976.928	1974.912	581.461	574.294	573.290	T
A	1998.002	1979.936	1978.921	2004.927	2000.900	2000.016	460.240	443.254	442.237	A
L	2009.116	1992.069	1991.101	2019.111	2001.084	2000.111	389.203	372.177	371.180	L
Q	2237.175	2220.156	2219.161	2265.170	2248.143	2247.159	276.119	259.092	258.108	Q
E	2362.212	2345.193	2344.201	2390.211	2373.185	2372.201	148.106	147.100	146.100	E

sp | P68433 | H31_MOUSE

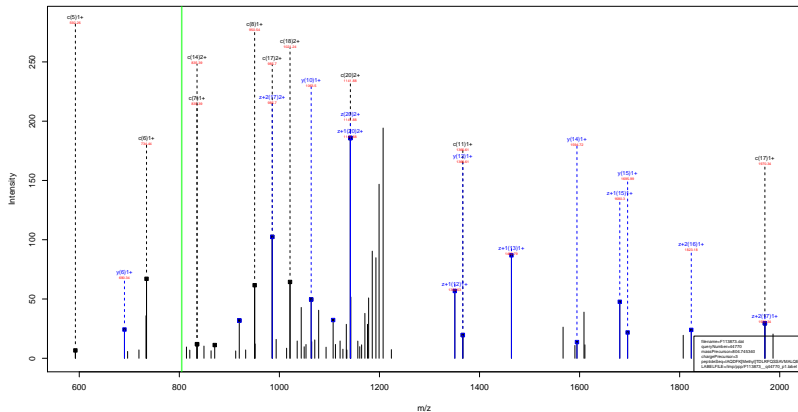
IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=52.06
- ▶ F113873.dat
- ▶ query=q44769_p1
- ▶ precursor=804.745320
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
R1	43.002	0.504	0.504	57.940	0.504	0.504	1306.630	1190.130	1197.630	R21
A2	70.070	0.504	0.504	83.066	0.504	0.504	1330.073	1141.566	1141.066	A20
C3	1143.100	134.500	0.504	137.007	148.504	0.504	1114.054	1100.040	1100.540	Q10
D4	200.013	102.013	102.013	244.011	200.007	200.000	1000.500	1040.010	1040.510	D10
F5	374.447	386.034	386.141	388.148	379.632	379.140	901.012	904.408	904.000	F11
K6	638.195	639.682	638.180	654.190	641.676	641.187	810.477	810.965	810.472	K10
L11	800.019	800.989	800.913	802.910	804.905	801.911	835.430	840.919	840.420	L10
D8	1446.032	1437.710	1437.210	461.230	461.730	461.234	804.508	796.960	796.961	L14
L10	1002.714	1001.201	1002.700	1001.700	1001.700	1001.700	860.801	858.291	858.291	L13
M10	1007.018	1010.010	1010.010	601.810	601.810	601.810	860.801	860.801	860.801	M12
P11	504.507	652.054	652.062	675.364	668.851	668.350	800.300	797.270	798.707	P11
Q12	172.004	163.000	170.000	730.304	710.000	710.000	812.000	720.100	721.200	Q10
S10	1000.012	1000.000	1000.000	782.010	774.500	774.504	808.200	450.715	450.210	S10
S14	1014.008	1011.010	1010.421	800.420	811.012	811.006	814.010	815.007	815.007	S10
A15	847.847	830.431	830.941	861.944	851.431	851.939	861.007	372.683	372.181	A10
V10	1007.001	1000.900	1000.470	911.478	902.900	902.471	815.010	737.100	736.670	V10
T17	1003.010	1004.000	1003.000	976.995	968.000	968.000	808.940	780.000	780.700	L10
A10	1000.000	1000.000	1000.514	1012.517	1004.004	1003.512	230.004	222.110	221.610	A10
L10	1003.000	1000.500	1000.000	1133.000	1090.500	1090.004	100.000	100.000	100.110	L10
Q10	1110.010	1110.700	1110.000	1133.000	1124.510	1124.004	110.000	100.000	100.000	Q10
E11	1100.010	1110.000	1110.000	1100.000	1100.000	1100.004	94.004	0.000	0.000	E11

sp | P68433 | H31_MOUSE

IAQDFK ^{Methyl} TDLRFQSSAVMALQE
14.02



Download FT1875.D
Scan 10 (6.00e6-6.0775)
MS1:MS1:Scan=10;P1=10.000000
Charge=1;Mass=144.0
Protein:sp|P68433|H31_MOUSE
LAMBL:FLV:chp:sp|P11875_1|_68775_p1_36

sp | P68433 | H31_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSSAVMALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.54
- ▶ F113873.dat
- ▶ query=q44770_p1
- ▶ precursor=804.745340
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I[1]	131.118	2412.223	2396.204	0.000	2395.186	I[21]
A[2]	202.195	2299.139	2283.120	0.000	2282.112	A[20]
Q[3]	330.214	2228.102	2212.083	2213.091	2211.075	Q[19]
D[4]	449.241	2100.043	2084.024	2085.032	2083.016	D[18]
F[5]	592.309	1985.016	1969.007	1970.005	1967.990	F[17]
K[6]	734.420	1837.948	1821.929	1822.937	1820.921	K[16]
T[7]	835.467	1695.837	1679.818	1680.826	1678.810	T[15]
D[8]	950.494	1594.789	1578.771	1579.778	1577.761	D[14]
L[9]	1063.578	1479.762	1463.744	1464.752	1462.736	L[13]
R[10]	1219.777	1366.678	1350.660	1351.667	1349.651	R[12]
F[11]	1366.748	1210.571	1194.553	1195.561	1193.545	F[11]
Q[12]	1494.806	1063.509	1047.490	1048.498	1046.482	Q[10]
S[13]	1561.836	935.450	919.432	920.439	918.424	S[9]
S[14]	1668.870	848.418	832.400	833.407	831.392	S[8]
A[15]	1730.908	761.386	745.367	746.375	744.360	A[7]
V[16]	1838.938	690.349	674.330	675.338	673.322	V[6]
M[17]	1970.016	591.301	575.282	576.290	574.274	M[5]
A[18]	2041.054	460.240	444.221	445.229	443.214	A[4]
L[19]	2154.138	389.203	373.184	374.192	372.177	L[3]
Q[20]	2282.196	276.119	260.100	261.108	259.092	Q[2]
E[21]	2411.239	148.060	132.042	133.050	131.034	E[1]

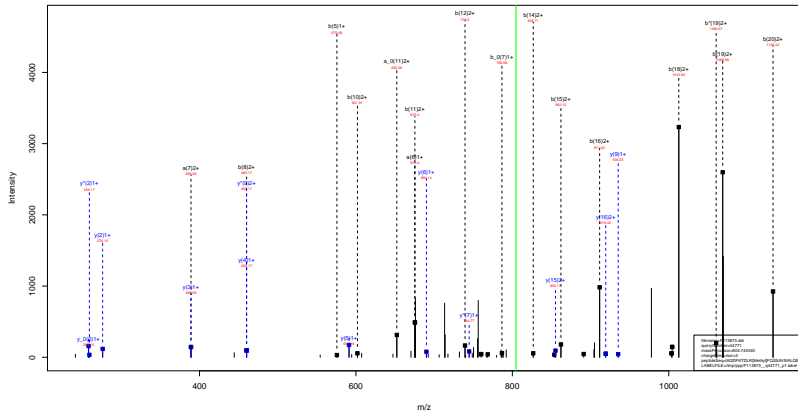
sp | P68433 | H31_MOUSE

IAQDFK ^{Methyl} 14.02 TDLRFQSSAVMALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=41.54
- ▶ F113873.dat
- ▶ query=q44770_p1
- ▶ precursor=804.745340
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F[1]	66.063	1206.615	1186.606	0.504	1198.103	F[21]
A[2]	101.581	1150.073	1142.064	0.504	1141.560	A[20]
Q[3]	105.610	1114.554	1106.545	1107.049	1106.041	Q[19]
D[4]	223.124	1050.526	1040.518	1041.022	1042.011	D[18]
F[5]	296.658	993.012	985.502	985.506	984.496	F[17]
K[6]	307.713	919.477	911.468	911.972	910.964	K[16]
T[7]	418.237	946.422	940.413	940.917	939.909	T[15]
D[8]	475.751	797.898	789.889	790.393	789.385	D[14]
L[9]	532.291	740.385	732.375	732.879	731.872	L[13]
R[10]	610.343	683.843	676.833	676.337	675.330	R[12]
F[11]	683.878	505.792	507.783	508.287	507.279	F[11]
Q[12]	747.907	532.258	524.249	524.753	523.745	Q[10]
S[13]	791.423	468.220	460.210	460.713	459.715	S[0]
S[14]	834.939	424.713	416.703	417.207	416.199	S[0]
A[15]	878.457	381.197	373.187	373.691	372.683	A[7]
V[16]	919.992	345.678	337.669	338.173	337.165	V[0]
M[17]	985.512	296.144	288.135	288.639	287.631	M[0]
A[18]	1021.030	230.624	222.614	223.118	222.110	A[0]
L[19]	1077.572	195.105	187.096	187.600	186.592	L[9]
Q[20]	1141.602	138.563	130.554	131.058	130.050	Q[2]
E[21]	1206.123	74.534	66.524	67.028	66.021	E[1]

sp | P68433 | H31_MOUSE
IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02



sp | P68433 | H31_MOUSE

IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.38
- ▶ F113873.dat
- ▶ query=q44771_p1
- ▶ precursor=804.745340
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a.p	b	b*	b.p	y	y*	y.p	AA
I(3)	88.064	0.000	0.000	114.090	0.000	0.000	2412.220	2395.194	2384.222	I(2)
A(2)	137.134	0.000	0.000	185.120	0.000	0.000	2250.130	2232.112	2221.128	A(25)
Q(3)	289.392	268.166	0.00	343.148	284.180	88.00	2228.100	2214.074	2202.084	Q(19)
D(4)	450.215	383.195	352.200	479.224	411.187	210.200	2100.163	2089.016	2072.032	D(10)
F(5)	647.267	530.261	524.277	575.282	504.246	357.272	1985.038	1981.996	1967.006	F(17)
K(6)	875.382	808.336	807.352	861.377	808.351	369.377	1837.040	1828.021	1818.031	K(16)
T(7)	1088.424	1004.404	1004.420	1071.406	1004.414	378.414	1708.093	1699.026	1689.042	T(15)
D(8)	1301.457	1214.431	1214.440	1315.452	1262.425	501.442	1600.082	1593.078	1586.084	D(14)
L(9)	1504.541	1407.512	1407.520	1522.530	1471.500	511.510	1481.120	1474.124	1467.128	L(13)
M(10)	1714.588	1617.570	1617.580	1730.580	1679.560	519.570	1391.142	1383.087	1375.092	M(12)
P(11)	1931.726	1834.700	1834.705	1949.725	1897.695	531.715	1270.571	1265.501	1260.507	P(11)
Q(12)	2149.769	2052.750	2052.757	2167.769	2116.753	540.753	1163.700	1158.624	1154.630	Q(10)
S(13)	2376.817	2279.790	2279.800	2394.812	2347.785	554.805	1035.450	1030.424	1027.440	S(9)
S(14)	2604.884	2506.874	2506.880	2624.884	2574.871	571.871	918.513	913.506	910.508	S(8)
A(15)	2844.980	2747.850	2747.855	2864.980	2832.854	584.850	814.810	810.800	807.800	A(10)
V(16)	3100.054	2999.920	2999.924	3120.054	3084.922	601.922	704.920	701.920	699.920	V(10)
K(17)	3374.989	3269.850	3269.855	3394.989	3359.853	614.978	601.981	599.981	597.981	K(10)
A(18)	3669.053	3549.906	3549.910	3689.053	3654.907	629.907	504.016	502.016	500.016	A(14)
L(19)	3982.118	3849.961	3849.965	3999.118	3964.964	644.964	414.030	412.030	410.030	L(13)
Q(20)	4314.183	4169.040	4169.044	4334.183	4294.042	661.042	324.040	322.040	320.040	Q(12)
E(21)	4666.214	4499.110	4499.114	4686.214	4641.109	677.109	234.030	232.030	230.030	E(10)

sp | P68433 | H31_MOUSE

IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=45.38
- ▶ F113873.dat
- ▶ query=q44771_p1
- ▶ precursor=804.745340
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
R1	43.592	0.504	0.504	57.946	0.504	0.504	1398.635	1198.132	1197.632	R21
A1	76.670	0.504	0.504	93.666	0.504	0.504	1398.673	1143.566	1143.066	A20
C3	1143.100	138.505	0.504	137.597	148.584	0.504	1114.524	1160.040	1159.540	Q19
D4	200.613	183.189	183.693	244.811	206.097	206.096	1326.765	1643.021	1642.521	D18
F5	274.447	268.634	268.141	288.148	279.632	279.140	983.189	984.488	984.000	F17
K6	338.107	329.682	328.180	354.193	341.676	341.187	818.477	991.965	910.474	K16
L11	388.719	389.989	389.491	408.716	384.935	384.441	853.430	946.919	946.426	L15
D8	446.532	437.719	437.221	461.230	451.719	451.224	654.568	746.363	746.001	D14
L10	502.274	493.261	492.762	601.810	508.732	507.768	787.383	738.874	738.387	L13
M12	557.618	578.121	578.121	611.810	589.127	588.628	891.911	882.381	881.888	M12
P11	594.597	592.924	632.362	675.364	668.931	668.508	695.792	597.278	596.787	P11
Q12	672.994	661.681	661.181	739.344	710.881	710.381	937.481	720.749	720.251	Q12
S13	766.912	761.399	759.907	757.911	774.396	773.894	888.225	459.715	460.222	S10
S14	774.726	801.613	801.613	876.426	811.612	811.612	624.113	812.707	812.707	S16
A15	847.847	836.431	836.941	861.944	853.431	852.939	981.189	573.481	572.981	A17
V16	897.461	888.955	888.476	911.478	902.955	902.471	945.618	537.189	536.678	V16
K17	935.811	924.488	923.999	938.999	928.488	927.999	938.944	587.631	587.139	K15
A18	998.520	986.020	985.514	1012.517	1004.004	1003.512	230.024	222.111	221.610	A14
L19	1075.162	1066.340	1065.020	1060.050	1060.548	1060.054	105.185	188.381	188.110	L18
Q20	1119.014	1110.761	1110.088	1133.088	1124.576	1124.081	1128.761	134.088	133.588	Q14
E21	1193.612	1176.089	1174.926	1174.916	1189.926	1189.004	94.534	0.926	0.926	E11

sp | P68433 | H31_MOUSE

IAQDFKTDLR ^{Methyl} 14.02 FQSSAVMALQE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=55.48
- ▶ F113873.dat
- ▶ query=q44775_p1
- ▶ precursor=804.746770
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
I	98.066	0.000	0.000	114.066	0.000	0.000	2412.231	2266.166	2684.231	I(2)
A	137.134	0.000	0.000	138.134	0.000	0.000	2268.134	2122.134	2538.134	A(2)
Q	138.162	0.000	0.000	143.162	0.000	0.000	2270.162	2124.162	2542.162	Q(2)
D	140.219	33.533	382.238	145.219	141.587	410.203	2180.214	2083.678	2502.212	D(2)
F	147.287	33.533	530.237	152.287	148.655	458.272	1985.235	1869.700	2307.233	F(1)
K	175.382	658.256	487.372	178.372	168.051	520.325	1817.348	1828.312	2219.317	K(1)
L	178.410	700.408	708.420	180.420	172.788	716.414	1738.391	1708.426	2200.402	L(1)
D	181.457	37.433	373.440	191.452	180.425	381.441	1858.380	1591.718	2386.734	D(1)
L	182.441	387.513	388.513	182.513	182.500	181.458	1861.720	1476.722	2178.708	L(1)
R	174.468	117.411	118.464	122.465	118.008	119.474	1389.462	1381.469	1382.468	R(2)
F	131.728	1384.788	1383.738	1348.725	1332.888	1331.731	1215.777	1193.553	1190.567	F(1)
Q	144.783	1432.788	1431.734	1417.788	1400.783	1401.788	1061.588	1048.624	1045.638	Q(1)
S	1138.217	1128.788	1128.888	1104.812	1047.788	1048.281	915.452	918.424	917.440	S(1)
S	1013.168	1008.425	1008.818	1005.444	1004.817	1003.318	883.419	871.788	870.408	S(1)
A	1084.888	1072.859	1074.832	1123.883	1105.854	1104.819	761.886	744.865	743.176	A(1)
V	1163.854	1176.838	1174.844	1162.848	1164.823	1161.810	690.349	674.322	672.139	V(1)
T	1164.868	1167.823	1168.884	1164.848	1165.834	1164.819	581.481	574.284	573.008	T(1)
A	1398.022	1378.028	1378.021	1324.027	1307.000	1306.016	480.248	483.254	442.237	A(1)
L	1091.116	1082.088	1081.116	1110.116	1101.084	1110.116	389.203	372.177	371.180	L(1)
Q	2237.175	2228.158	2219.141	2285.178	2248.143	2247.129	276.119	259.092	258.108	Q(2)
T	2162.212	2153.195	2144.200	2209.212	2172.185	2171.200	148.186	147.188	146.188	T(1)

sp | P68433 | H31_MOUSE

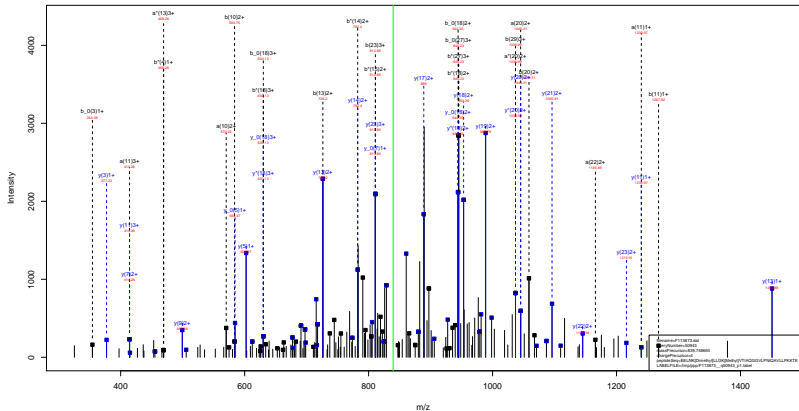
IAQDFKTDLR^{Methyl} FQSSAVMALQE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=55.48
- ▶ F113873.dat
- ▶ query=q44775_p1
- ▶ precursor=804.746770
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA	
R1	43.002	0.504	0.504	57.940	0.504	0.504	1306.630	1190.130	1197.630	R21	
A1	70.070	0.504	0.504	93.060	0.504	0.504	1330.073	1141.560	1141.060	A20	
C3	1143.100	134.500	0.504	137.007	148.504	0.504	1114.024	1160.040	1160.540	Q10	
D4	200.013	103.000	130.000	244.811	200.007	200.000	1020.700	940.010	940.510	D10	
F5	374.447	380.004	380.141	388.140	379.024	379.140	903.000	904.400	904.000	F11	
K6	503.007	500.000	500.000	504.100	510.100	511.007	810.477	810.964	810.474	K10	
T11	804.719	800.000	800.000	802.100	804.000	804.119	655.430	655.919	655.430	T10	
D8	1440.020	137.710	137.710	1407.210	1411.710	1411.224	654.400	656.300	656.800	L14	
L10	2027.714	601.201	601.201	602.700	605.700	605.700	607.700	607.700	607.700	L13	
M12	207.010	0.100	0.100	207.100	207.100	207.100	600.000	600.000	600.000	M12	
P11	201.007	652.854	652.862	675.364	668.851	668.850	605.700	607.270	608.707	P11	
Q12	270.004	601.000	601.000	730.304	730.000	730.000	607.000	607.000	607.000	Q10	
S13	1080.012	100.000	100.000	100.000	782.910	774.000	773.004	608.200	600.710	600.210	S10
S14	1014.008	601.000	601.000	601.000	601.000	601.000	601.000	601.000	601.000	S10	
A15	847.047	800.001	800.001	861.044	851.451	851.000	601.000	601.000	372.683	372.181	A10
V16	807.061	800.000	800.000	808.470	811.478	802.000	602.471	601.010	601.010	601.010	V10
T17	605.001	604.000	604.000	976.996	968.000	968.000	600.000	600.000	600.000	600.000	T10
A18	998.020	980.000	980.000	1012.517	1004.000	1003.512	230.000	222.110	221.610	A10	
L19	2075.002	2080.500	2080.000	1060.050	1060.548	1060.054	100.000	100.000	100.000	L10	
Q20	1110.010	1110.000	1110.000	1133.080	1124.000	1124.000	110.000	100.000	100.000	Q10	
E21	1100.010	1110.000	1110.000	1110.000	1100.000	1100.000	110.000	0.000	0.000	E10	

sp | Q6GSS7 | H2A2A_MOUSE

EELNK^{Dimethyl}_{28.03} LLGK^{Methyl}_{14.02} VTIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

EELNK^{Dimethyl}_{28.03} LLGK^{Methyl}_{14.02} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=69.29
- ▶ F113873.dat
- ▶ query=q50943.p1
- ▶ precursor=839.748650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	aD	b	b'	bD	y	y'	yD	AA	
E1	002380	0.000	38.041	130.050	0.000	112.030	335.093	0.000	0.000	E11	
E2	211.038	0.000	151.057	259.092	0.000	201.092	322.070	3.200	0.000	E10	
E3	344.026	0.000	282.111	377.212	0.000	334.181	309.099	3.000	0.000	E9	
E4	468.220	441.136	440.211	489.215	469.193	450.200	2494.821	1.900	2.000	E8	
E5	614.901	597.824	586.146	643.249	625.319	604.330	2030.181	2.000	2.000	E7	
E6	747.430	718.408	705.475	755.430	736.401	732.410	2214.002	2.000	2.000	E6	
E7	896.018		822.500	874.514	851.497	832.500	2613.813	2.000	2.000	E5	
G1	897.540	880.514	890.510	925.510	906.490	897.470	2488.480	2.000	2.000	G4	
K1	1039.015	1022.024	1021.040	1067.040	1050.010	1040.000	2431.480	2.000	2.000	K23	
V10	1139.010	1120.000	1120.000	1140.000	1140.000	1140.000	1140.000	2.000	2.000	V22	
T11	1239.767	1222.741	1221.761	1267.762	1250.736	1240.710	2150.200	2.000	2.000	T21	
T12	1337.011	1319.020	1318.041	1339.040	1339.020	1339.020	2008.230	2.000	2.000	T20	
A13	1423.000	1406.000	1405.000	1426.000	1426.000	1426.000	1426.000	2.000	2.000	A19	
G14	1501.947	1494.930	1493.930	1514.944	1514.915	1514.915	1495.117	1.800	0.000	G10	
G15	1602.999	1591.974	1590.950	1611.970	1611.937	1611.937	1592.000	1.700	0.000	G12	
G16	1684.944	1674.927	1673.910	1694.920	1694.886	1694.886	1675.000	1.700	0.000	G14	
V17	1765.708	1749.612	1747.600	1769.612	1769.577	1769.577	1750.000	1.600	0.000	V15	
L18	1878.142	1861.116	1860.110	1888.116	1888.111	1888.111	1869.000	1.500	0.000	L14	
P19	1979.140	1958.120	1957.104	1989.120	1989.113	1989.113	1450.843	1.433	0.000	P13	
K20	2068.936	2050.911	2049.890	2071.910	2071.880	2071.880	2052.000	1.500	0.000	K15	
D21	2097.527	2085.200	2084.181	2105.211	2105.180	2105.180	1239.767	1.222	0.000	D11	
G22	2130.911	2111.904	2112.770	2149.910	2149.740	2149.740	2130.000	1109.656	1.109	0.000	G18
A121	2201.010	2184.000	2183.000	2204.010	2204.000	2204.000	2184.000	980.631	981.500	A10	
V24	2260.980	2243.950	2242.910	2263.961	2263.910	2263.910	927.587	0.928	0.000	V16	
L25	2311.910	2296.914	2296.900	2324.910	2324.900	2324.900	820.519	0.821	0.000	L17	
L26	2370.708	2354.690	2353.660	2380.700	2380.670	2380.670	715.435	696.400	697.424	L19	
P27	2423.107	2406.070	2405.040	2435.100	2435.070	2435.070	602.351	0.603	0.000	P19	
K28	2491.000	2474.000	2473.000	2496.000	2496.000	2496.000	505.298	0.506	0.000	K16	
K29	2579.987	2562.950	2561.920	2581.980	2581.950	2581.950	377.203	0.378	0.000	K18	
L34	2100.000	2100.000	2100.000	2100.000	2100.000	2100.000	2100.000	2.000	2.000	L12	
E31	3309.987	3292.980	3291.970	3317.980	3317.950	3317.950	3300.000	0.000	1.000	E1	

sp | Q6GSS7 | H2A2A_MOUSE

EELNK^{Dimethyl}_{28.03} LLGK^{Methyl}_{14.02} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=69.29
- ▶ F113873.dat
- ▶ query=q50943_p1
- ▶ precursor=839.748650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a''	b	b'	b''	a	a'	a''	AA
E1	52.335	0.504	122.960	35.520	0.504	35.520	1678.520	1695.024	1689.020	E121
E2	116.052	0.504	187.467	139.026	0.504	131.045	1613.077	1629.481	1604.074	E120
E3	179.769	0.504	251.974	203.532	0.504	197.056	1548.130	1564.434	1540.131	E119
E4	243.486	0.504	316.481	268.038	0.504	261.070	1483.183	1499.487	1475.188	E118
E5	307.203	0.504	380.988	332.544	0.504	326.083	1418.236	1434.540	1410.237	E117
E6	370.920	0.504	445.495	397.050	0.504	391.096	1353.289	1369.593	1339.290	E116
E7	434.637	0.504	509.002	461.556	0.504	456.111	1288.342	1304.646	1278.343	E115
E8	498.354	0.504	573.509	526.062	0.504	521.126	1223.395	1239.700	1203.396	E114
E9	562.071	0.504	638.016	590.568	0.504	586.141	1158.448	1174.752	1132.449	E113
E10	625.788	0.504	702.523	655.074	0.504	651.156	1093.501	1109.805	1061.502	E112
E11	689.505	0.504	767.030	719.580	0.504	716.171	1028.554	1044.858	1000.555	E111
E12	753.222	0.504	831.537	784.086	0.504	781.186	963.607	979.911	933.608	E110
E13	816.939	0.504	896.044	848.592	0.504	846.201	898.660	914.964	870.661	E109
E14	880.656	0.504	960.551	913.098	0.504	911.216	833.713	849.917	801.714	E108
E15	944.373	0.504	1025.058	977.604	0.504	976.231	768.766	784.970	740.767	E107
E16	1008.090	0.504	1089.565	1042.110	0.504	1041.246	703.819	719.923	671.820	E106
E17	1071.807	0.504	1154.072	1106.616	0.504	1106.261	638.872	654.976	610.873	E105
E18	1135.524	0.504	1218.579	1171.122	0.504	1171.276	573.925	589.929	543.926	E104
E19	1199.241	0.504	1283.086	1235.628	0.504	1236.291	508.978	524.982	480.979	E103
E20	1262.958	0.504	1347.593	1300.134	0.504	1301.306	444.031	459.935	412.932	E102
E21	1326.675	0.504	1412.100	1364.640	0.504	1366.321	379.084	394.988	350.985	E101
E22	1390.392	0.504	1476.607	1429.146	0.504	1431.336	314.137	329.941	280.938	E100
E23	1454.109	0.504	1541.114	1493.652	0.504	1496.351	249.190	264.944	220.941	E99
E24	1517.826	0.504	1605.621	1558.158	0.504	1561.366	184.243	199.947	150.944	E98
E25	1581.543	0.504	1670.128	1622.664	0.504	1626.381	119.296	134.950	90.947	E97
E26	1645.260	0.504	1734.635	1687.170	0.504	1691.396	54.349	69.953	25.950	E96
E27	1708.977	0.504	1800.142	1751.676	0.504	1756.411	-10.698	-4.944	-39.953	E95
E28	1772.694	0.504	1864.649	1816.182	0.504	1821.426	-75.751	-69.947	-90.956	E94
E29	1836.411	0.504	1930.156	1880.688	0.504	1886.441	-140.804	-134.941	-141.959	E93
E30	1900.128	0.504	1994.663	1945.194	0.504	1951.456	-205.857	-199.934	-200.962	E92
E31	1963.845	0.504	2060.170	2009.700	0.504	2016.471	-270.910	-264.931	-265.965	E91

sp | Q6GSS7 | H2A2A_MOUSE

EELNK^{Dimethyl}_{28.03} LLGK^{Methyl}_{14.02} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=69.29
- ▶ F113873.dat
- ▶ query=q50943.p1
- ▶ precursor=839.748650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a'	a ⁺	a ⁰	b	b'	b ⁺	b ⁰	γ	γ'	γ ⁺	γ ⁰	AA
E1	34.600	0.672	36.088	44.021	0.672	38.600	1119.150	1114.000					E111
E2	77.704	0.672	79.701	87.088	0.672	81.432	1076.327	1070.646					E130
E3	115.300	0.671	116.971	124.716	0.717	123.997	933.501	1009.599					L206
R4	153.411	147.250	147.411	162.743	157.098	156.743	909.611	989.911					N200
R5	192.433	189.780	189.424	214.781	208.111	208.780	967.999	951.924					N227
L6	231.710	227.441	227.441	262.843	242.006	242.411	905.506	989.911					L206
L7	269.944	275.159	274.941	298.174	294.594	294.174	897.924	989.159					L206
G8	308.652	304.174	303.844	328.113	303.600	303.100	830.161	824.491					G24
R9	347.272	341.540	341.210	358.553	350.670	350.553	811.160	805.484					K225
Q10	386.000	374.400	374.241	388.574	383.801	383.474	818.574	892.110					V222
T11	413.827	408.250	407.924	423.263	417.585	417.250	730.761	725.091					T221
I12	451.222	443.250	443.011	460.354	455.278	454.950	697.084	691.407					I221
A13	476.702	468.825	468.291	484.811	478.927	478.927	666.291	664.714					A219
Q14	517.997	512.313	512.063	527.916	521.943	521.313	630.710	630.035					Q118
G15	536.994	531.319	530.991	546.310	540.630	540.120	583.024	587.349					G217
G16	556.001	550.324	549.994	565.511	559.630	559.120	574.017	568.342					G216
V17	598.278	583.389	583.021	598.384	592.608	592.101	559.010	549.334					V215
L18	636.719	631.041	630.711	646.981	630.375	630.047	521.081	516.314					L114
P19	653.104	653.066	652.401	662.726	662.398	662.398	484.292	478.011					P113
R20	687.884	681.401	681.081	696.411	690.407	690.407	491.081	484.292					R212
I21	724.178	720.110	714.141	744.110	738.430	738.101	411.927	408.250					I211
Q22	777.461	771.101	770.462	789.791	783.411	783.081	370.231	370.231					Q118
A23	804.144	802.441	810.476	814.888	804.800	804.472	333.540	327.011					A201
V24	834.102	824.491	824.491	844.910	837.410	837.410	303.011	299.151					V201
L25	871.882	866.110	865.838	881.121	875.518	875.190	278.941	274.100					L117
L26	909.576	893.881	893.551	918.888	913.212	912.884	230.150	233.474					L101
P27	941.909	936.979	935.504	954.799	945.363	945.235	190.400	190.780					P201
R28	984.058	978.930	978.930	993.911	987.911	987.911	160.104	161.401					K101
K29	1027.304	1021.820	1021.304	1036.633	1030.960	1030.633	120.400	120.730					N101
L30	1069.888	1064.300	1064.300	1079.888	1074.300	1074.300	90.000	90.000					L101
E31	1104.000	1098.520	1097.997	1113.131	1107.650	1107.126	50.025	0.072					E21

sp | Q6GSS7 | H2A2A_MOUSE

EELNK^{Acetyl}_{42.01} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.23
- ▶ F113873.dat
- ▶ query=q50944.p1
- ▶ precursor=839.748650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
E	1	147.076	1355.595	1339.458	0.000	1339.458	E	13
E	2	274.119	1226.944	1210.895	0.000	1209.887	E	30
L	3	389.203	1097.871	1081.852	0.000	1080.845	L	29
N	4	503.246	2984.787	2968.768	2969.776	2967.761	N	28
K	5	673.352	2870.744	2854.725	2855.733	2853.718	K	27
L	6	786.436	2700.639	2684.620	2685.628	2683.612	L	26
L	7	899.520	2587.595	2571.536	2472.544	2570.526	L	25
G	8	956.541	2474.470	2458.453	2459.460	2457.444	G	24
K	9	1084.636	2317.448	2403.430	2402.438	2400.423	K	23
V	10	1183.704	2289.354	2273.335	2274.343	2272.327	V	22
I	11	1284.752	2190.286	2174.267	2175.275	2173.259	I	21
I	12	1397.836	2089.238	2073.219	2074.227	2072.211	I	20
A	13	1468.873	1976.154	1960.135	1961.143	1959.127	A	19
Q	14	1596.932	1895.117	1889.089	1890.106	1889.090	Q	18
G	15	1653.953	1777.055	1761.030	1762.040	1760.032	G	17
G	16	1710.975	1720.037	1704.018	1705.026	1703.010	G	16
V	17	1810.043	1663.015	1646.997	1646.004	1645.989	V	15
L	18	1923.127	1563.947	1547.928	1548.936	1546.920	L	14
F	19	2020.180	1450.863	1434.854	1435.852	1433.836	F	13
T	20	2134.223	1353.810	1337.791	1338.799	1336.783	T	12
I	21	2247.307	1239.787	1223.748	1224.756	1222.741	I	11
Q	22	2375.366	1128.683	1110.664	1111.672	1109.656	Q	10
A	23	2446.403	996.624	982.606	983.614	981.599	A	9
V	24	2545.471	927.587	911.569	912.576	910.561	V	8
L	25	2658.555	828.519	812.500	813.508	811.482	L	7
L	26	2711.639	718.435	699.416	700.424	698.409	L	6
P	27	2868.692	602.351	586.332	587.340	585.324	P	5
K	28	2996.787	505.268	489.249	490.257	488.241	K	4
K	29	3124.882	377.203	361.184	362.192	360.177	K	3
F	30	3225.930	249.108	233.089	234.097	232.082	F	2
E	31	3354.972	148.060	132.042	133.050	131.034	E	1

sp | Q6GSS7 | H2A2A_MOUSE

EELNK^{Acetyl}_{42.01} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.23
- ▶ F113873.dat
- ▶ query=q50944.p1
- ▶ precursor=839.748650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
E	1	74.042	1078.482	1070.472	0.504	1069.959	E[31]
E	2	138.563	1013.960	1005.951	0.504	1005.441	E[30]
L	3	195.105	1349.439	1341.430	0.504	1340.920	L[29]
N	4	252.127	1492.897	1484.888	1485.392	1484.884	N[28]
K	5	337.179	1435.876	1427.866	1428.370	1427.362	K[27]
L	6	393.721	1750.823	1342.814	1343.317	1342.310	L[26]
L	7	450.263	1294.281	1286.272	1286.775	1285.768	L[25]
G	8	492.744	1339.739	1329.730	1230.213	1229.205	G[24]
K	9	542.832	1209.228	1201.219	1201.723	1200.715	K[23]
V	10	592.356	1145.181	1137.171	1137.675	1136.667	V[22]
T	11	642.880	1095.646	1087.637	1088.141	1087.133	T[21]
T	12	699.422	1045.123	1037.113	1037.617	1036.609	T[20]
A	13	734.940	988.581	980.571	981.075	980.067	A[19]
Q	14	792.970	933.062	945.053	945.557	944.549	Q[18]
G	15	827.480	889.033	881.023	881.527	880.519	G[17]
G	16	855.991	860.522	852.513	853.017	852.009	G[16]
V	17	905.525	832.011	824.002	824.506	823.498	V[15]
L	18	962.067	782.477	774.468	774.972	773.964	L[14]
F	19	1010.594	729.935	721.926	722.430	721.422	F[13]
N	20	1057.615	677.405	669.396	669.900	668.892	N[12]
I	21	1104.157	620.867	612.858	613.362	612.354	I[11]
Q	22	1188.186	563.845	555.836	556.340	555.332	Q[10]
A	23	1223.705	499.816	491.807	492.310	491.303	A[0]
V	24	1273.239	484.297	476.288	476.792	475.784	V[0]
L	25	1329.761	414.763	406.754	407.258	406.250	L[1]
L	26	1386.323	358.221	350.212	350.716	349.708	L[6]
P	27	1434.850	301.679	293.670	294.174	293.166	P[5]
K	28	1496.897	253.153	245.143	245.647	244.639	K[4]
K	29	1562.945	189.105	181.096	181.600	180.592	K[3]
T	30	1613.468	126.056	117.048	117.552	116.544	T[2]
E	31	1677.892	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

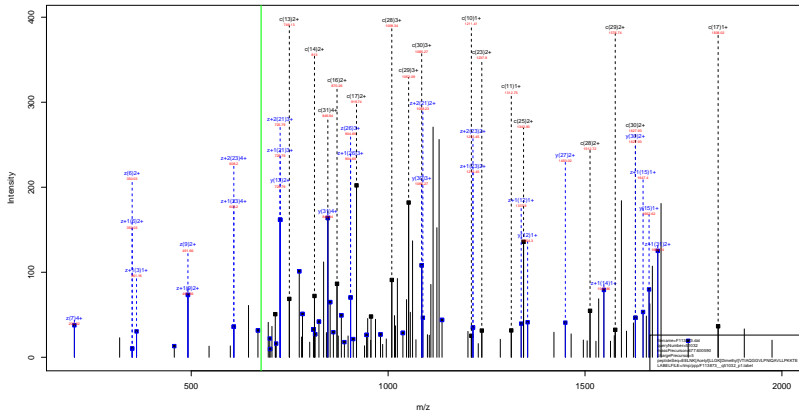
EELNK^{Acetyl}_{42.01} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.23
- ▶ F113873.dat
- ▶ query=q50944_p1
- ▶ precursor=839.748650
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA	
E	1	49.097	1119.324	1113.984	0.672	1113.048	E	31
E	2	62.711	1076.309	1070.970	0.672	1070.034	E	30
L	3	130.406	1033.295	1027.956	0.672	1027.020	L	29
R	4	108.420	995.601	990.261	990.597	989.925	R	28
K	5	225.122	957.586	952.247	952.583	951.911	K	27
L	6	262.617	900.884	895.545	895.881	895.205	L	26
L	7	509.511	863.130	857.850	858.186	857.514	L	25
G	8	319.519	825.495	820.155	820.491	819.819	G	24
K	9	362.217	806.488	801.148	801.484	800.812	K	23
V	10	395.240	763.790	758.450	758.786	758.114	V	22
T	11	428.922	730.787	725.427	725.763	725.091	T	21
I	12	466.617	697.084	691.745	692.081	691.409	I	20
A	13	490.296	659.359	654.020	654.356	653.684	A	19
Q	14	532.962	625.739	620.374	620.707	620.035	Q	18
G	15	551.989	583.024	587.685	588.021	587.349	G	17
G	16	570.990	574.017	568.678	569.013	568.342	G	16
V	17	604.019	555.010	549.670	550.006	549.334	V	15
L	18	641.714	521.967	516.648	516.984	516.312	L	14
P	19	674.005	484.292	478.953	479.289	478.617	P	13
N	20	717.079	451.942	446.602	446.938	446.266	N	12
T	21	749.774	413.927	408.588	408.924	408.252	T	11
Q	22	792.460	375.233	370.893	371.229	370.557	Q	10
A	23	816.139	333.546	328.207	328.543	327.871	A	9
V	24	849.162	309.887	304.528	304.864	304.192	V	8
L	25	886.857	276.844	271.505	271.841	271.169	L	7
L	26	924.951	239.150	233.810	234.146	233.474	L	6
P	27	956.902	201.455	196.116	196.451	195.780	P	5
K	28	979.719	166.104	160.765	161.101	160.429	K	4
K	29	1042.299	129.636	124.296	124.632	123.960	K	3
L	30	1075.981	83.708	78.368	78.704	78.032	L	2
E	31	1118.990	50.025	44.685	45.021	44.349	E	1

sp | Q6GSS7 | H2A2A_MOUSE

EELNK ^{Acetyl} 42.01 LLGK ^{Dimethyl} 28.03 VTIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

EELNK^{Acetyl}_{42.01} LLGK^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=44.20
- ▶ F113873.dat
- ▶ query=q51032.p1
- ▶ precursor=677.600590
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA		
E	1	147.076	1381.068	1387.069	0.000	1366.061	E	31
E	2	170.819	1254.945	1239.936	0.000	1237.911	E	30
L	3	395.203	1125.982	1109.984	0.000	1105.976	L	29
N	4	503.246	1012.818	2096.800	2997.807	2995.792	N	28
K	5	673.352	898.775	2882.757	2883.765	2881.749	K	27
L	6	786.436	2728.670	2712.651	2713.659	2711.643	L	26
L	7	899.420	2615.586	2599.567	2600.575	2598.559	L	25
G	8	926.541	2502.502	2488.483	2487.491	2485.475	G	24
K	9	1112.697	1845.480	2429.462	2430.469	2428.454	K	23
V	10	1211.736	2289.354	2273.335	2274.343	2272.327	V	22
T	11	1312.783	2190.266	2174.267	2175.275	2173.259	T	21
L	12	1425.868	2089.138	2073.210	2074.227	2072.211	L	20
A	13	1486.905	1976.154	1960.135	1961.143	1959.127	A	19
Q	14	1624.903	1826.131	1809.688	1808.106	1806.590	Q	18
G	15	1681.985	1777.058	1761.039	1762.047	1760.032	G	17
G	16	1739.006	1728.037	1704.018	1705.026	1703.010	G	16
V	17	1838.075	1663.015	1646.997	1648.004	1646.989	V	15
L	18	1951.159	1563.047	1547.928	1548.936	1546.920	L	14
P	19	2038.211	1459.061	1434.944	1435.952	1433.936	P	13
N	20	2162.254	1353.810	1337.791	1338.799	1336.783	N	12
D	21	2275.338	1239.767	1223.748	1224.756	1222.741	D	11
Q	22	2403.397	1126.683	1110.664	1111.672	1109.656	Q	10
A	23	2474.434	998.624	982.606	983.614	981.598	A	9
V	24	2573.503	927.587	911.569	912.576	910.561	V	8
L	25	2685.589	808.513	812.495	813.503	811.487	L	7
L	26	2799.671	715.435	699.416	700.424	698.408	L	6
P	27	2896.723	602.351	586.332	587.340	585.324	P	5
K	28	3024.818	505.206	489.179	490.187	488.171	K	4
K	29	3152.913	377.203	361.184	362.192	360.177	K	3
T	30	3251.961	246.106	233.089	234.097	232.082	T	2
E	31	3383.004	148.066	132.042	133.050	131.034	E	1

sp | Q6GSS7 | H2A2A_MOUSE

EELNK^{Acetyl}_{42.01} LLGK^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=44.20
- ▶ F113873.dat
- ▶ query=q51032.p1
- ▶ precursor=677.600590
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
E	1	74.042	1092.407	1084.488	0.504	1083.984	E[31]
E	2	138.563	1627.976	1619.067	0.504	1618.463	E[30]
L	3	199.106	838.535	1555.445	0.504	1554.941	L[29]
N	4	252.127	1550.015	1498.933	1499.407	1498.400	N[28]
K	5	337.170	1449.891	1441.882	1442.386	1441.378	K[27]
L	6	393.721	1364.839	1356.829	1357.333	1356.325	L[26]
L	7	450.263	1308.297	1300.287	1300.791	1299.783	L[25]
G	8	498.814	1252.755	1244.745	1245.249	1244.241	G[24]
K	9	556.837	1223.244	1215.234	1215.738	1214.731	K[23]
V	10	606.372	1145.181	1137.171	1137.675	1136.667	V[22]
T	11	656.895	1095.646	1087.637	1088.141	1087.133	T[21]
L	12	713.437	1045.123	1037.113	1037.617	1036.609	L[20]
A	13	748.956	988.561	980.571	981.075	980.067	A[19]
Q	14	812.985	953.060	945.053	945.557	944.549	Q[18]
G	15	861.498	889.033	881.023	881.527	880.519	G[17]
G	16	870.007	860.522	852.513	853.017	852.009	G[16]
V	17	919.541	832.011	824.002	824.506	823.498	V[15]
L	18	978.063	782.477	774.468	774.972	773.964	L[14]
P	19	1024.809	725.935	717.925	718.429	717.421	P[13]
N	20	1081.631	677.456	669.399	669.903	668.895	N[12]
I	21	1138.173	630.387	622.378	622.882	621.874	I[11]
Q	22	1202.202	583.845	575.836	576.340	575.332	Q[10]
A	23	1237.721	499.816	491.807	492.310	491.303	A[0]
V	24	1277.752	484.297	476.288	456.792	455.784	V[8]
L	25	1343.797	414.763	406.754	407.258	406.250	L[7]
L	26	1400.339	358.221	350.212	350.716	349.708	L[6]
P	27	1448.895	301.679	293.670	294.174	293.166	P[5]
K	28	1512.913	253.153	245.143	245.647	244.639	K[4]
K	29	1576.960	189.105	181.096	181.600	180.592	K[3]
T	30	1627.484	126.056	117.048	117.552	116.544	T[2]
E	31	1692.225	74.534	66.524	67.028	66.021	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

EELNK ^{Acetyl}42.01 LLGK ^{Dimethyl}28.03 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=44.20
- ▶ F113873.dat
- ▶ query=q51032.p1
- ▶ precursor=677.600590
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
E 1	49.697	1170.607	1123.528	0.672	1122.962	E11
E 2	92.711	1085.653	1080.314	0.672	1079.978	E10
L 3	130.406	1042.639	1037.299	0.672	1036.963	L29
N 4	168.420	1004.944	999.605	999.941	999.269	N28
K 5	225.122	966.930	961.500	961.926	961.254	K27
L 6	262.817	910.228	904.889	905.225	904.553	L26
L 7	300.511	872.533	867.194	867.530	866.955	L25
Q 8	319.519	834.830	829.699	829.935	829.163	Q24
K 9	371.561	815.832	810.492	810.828	810.156	K23
V10	404.583	763.790	758.450	758.786	758.114	V22
T11	438.266	730.767	725.427	725.763	725.091	T21
I12	475.961	697.584	691.745	692.081	691.409	I20
A13	499.640	659.389	654.050	654.386	653.714	A19
Q14	542.326	639.710	630.371	630.707	630.035	Q18
Q15	561.333	593.024	587.685	588.021	587.349	Q17
Q16	580.340	574.017	568.678	569.013	568.342	Q16
V17	613.363	555.010	549.670	550.006	549.334	V15
L18	651.058	521.987	516.648	516.984	516.312	L14
F19	683.409	484.292	478.953	479.289	478.617	F13
T20	727.823	451.943	446.602	446.938	446.266	T13
T21	759.118	413.927	408.588	408.924	408.252	T11
Q22	801.804	376.231	370.893	371.229	370.557	Q10
A23	825.483	333.546	328.207	328.543	327.871	A9
V24	858.506	309.867	304.528	304.864	304.192	V8
L25	896.200	276.844	271.505	271.841	271.169	L7
L26	933.895	239.150	233.810	234.146	233.474	L6
P27	966.346	201.455	196.116	196.451	195.780	P5
K28	1008.944	169.104	163.765	164.101	163.429	K4
K29	1051.643	128.409	121.066	121.402	120.730	K3
T30	1085.125	83.708	78.368	78.704	78.032	T2
E31	1128.339	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

EELNK^{Acetyl}_{42.01} LLGK^{Dimethyl}_{28.03} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=44.20
- ▶ F113873.dat
- ▶ query=q51032.p1
- ▶ precursor=677.600590
- ▶ chargePrecursor=5
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
E[1]		37.525	846.752	842.748	0.755	842.696	E[31]
E[2]		69.795	814.492	810.487	0.755	810.235	E[30]
L[3]		98.056	782.231	778.226	0.755	777.974	L[29]
N[4]		126.567	753.966	749.953	750.207	749.703	N[28]
K[5]		159.093	725.449	721.443	721.697	721.193	K[27]
L[6]		197.364	692.923	678.918	679.170	678.666	L[26]
L[7]		225.635	654.652	650.647	650.899	650.395	L[25]
G[8]		239.891	626.381	622.376	622.628	622.124	G[24]
K[9]		278.922	612.126	608.121	608.373	607.869	K[23]
V[10]		303.689	573.094	569.089	569.341	568.837	V[22]
T[11]		328.951	548.327	544.322	544.574	544.070	T[21]
I[12]		357.222	523.065	519.060	519.312	518.808	I[20]
A[13]		374.982	494.794	490.789	491.041	490.537	A[19]
Q[14]		408.296	477.035	473.030	473.282	472.778	Q[18]
G[15]		421.252	445.020	441.015	441.267	440.763	G[17]
G[16]		435.507	430.765	426.760	427.012	426.508	G[16]
V[17]		460.274	416.509	412.504	412.757	412.253	V[15]
L[18]		488.545	391.742	387.737	387.989	387.486	L[14]
P[19]		512.808	363.471	359.466	359.718	359.215	P[13]
N[20]		541.319	339.208	335.203	335.455	334.951	N[12]
T[21]		569.590	310.697	306.693	306.945	306.441	T[11]
Q[22]		601.605	282.426	278.421	278.673	278.170	Q[16]
L[23]		619.364	250.812	246.807	246.959	246.355	L[9]
V[24]		644.131	232.662	228.648	228.900	228.396	V[8]
L[25]		672.402	207.885	203.881	204.132	203.629	L[7]
L[26]		700.673	179.614	175.609	175.861	175.358	L[6]
P[27]		724.936	151.343	147.338	147.590	147.087	P[5]
K[28]		756.960	127.080	123.075	123.327	122.823	K[4]
K[29]		788.984	95.056	91.052	91.304	90.800	K[3]
T[30]		814.246	63.032	59.028	59.280	58.776	T[2]
E[31]		846.506	37.771	33.766	34.018	33.514	E[1]

sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=52.02
- ▶ F113873.dat
- ▶ query=q7835_p1
- ▶ precursor=476.243890
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA
T 1	46.096	0.000	0.000	114.191	0.000	0.000	361.416	316.464	223.468	T 1
A 2	157.134	0.000	0.000	185.126	0.000	0.000	838.304	821.366	602.584	A 2
Q 3	286.192	286.186	0.000	313.187	286.180	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	383.193	382.200	426.214	411.187	410.203	639.296	622.272	621.288	D 4
F 5	547.287	530.261	529.271	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	689.356	672.332	671.360	717.363	700.366	699.382	377.303	360.377	359.393	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.448	887.464	913.468	916.441	915.457	138.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

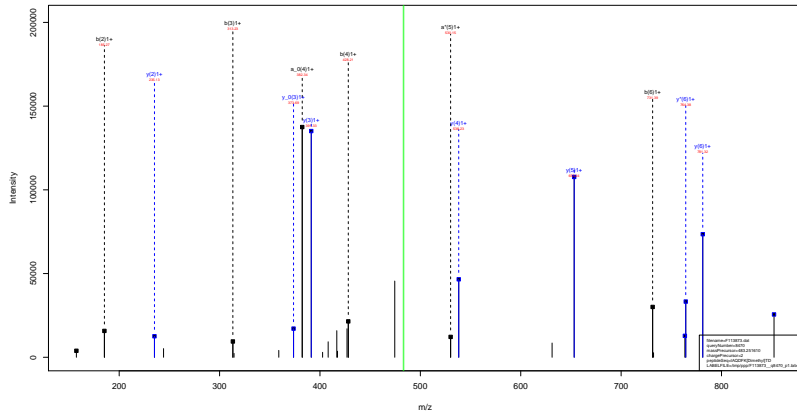
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.11
- ▶ F113873.dat
- ▶ query=q7836_p1
- ▶ precursor=476.243890
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	568.253	509.261	507.245	F 4
K 6	734.420	377.203	361.184	362.192	360.177	K 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=52.43
- ▶ F113873.dat
- ▶ query=q8470_p1
- ▶ precursor=483.251610
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
T 1	46.298	0.000	0.000	124.195	0.000	0.000	452.434	242.461	244.463	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	852.410	875.361	874.399	A 2
Q 3	286.192	288.160	0.550	313.187	296.160	0.500	781.373	764.346	763.362	Q 3
G 4	400.219	383.393	387.308	428.214	411.187	440.203	653.314	659.289	635.334	G 4
F 5	547.287	536.261	325.277	315.192	536.256	357.272	538.287	542.261	620.277	F 5
R 6	713.414	695.407	620.403	731.409	714.382	713.388	391.219	374.192	373.208	R 6
T 7	804.461	787.435	786.451	852.450	815.430	814.446	235.092	0.000	237.082	T 7
G 8	916.488	902.482	861.478	947.483	930.457	929.473	134.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.82
- ▶ F113873.dat
- ▶ query=q8471.p1
- ▶ precursor=483.251610
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
K 6	748.435	391.219	375.200	376.208	374.192	K 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1

sp | P43274 | H14_MOUSE

KAPKS ^{Phospho}PAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=48.00
- ▶ F115532.dat
- ▶ query=q1003_p1
- ▶ precursor=453.744120
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
K1	1101.227	88.183	0.000	129.102	112.076	-0.083	260.40	189.818	111.419	K10
A1	112.144	155.133	0.000	200.135	163.113	-0.000	778.388	761.950	760.375	A17
F1	269.197	250.111	0.000	297.192	280.166	0.000	707.349	690.322	689.338	F16
K1	107.292	880.259	0.000	425.287	408.261	0.000	610.290	593.269	592.285	K15
S1	354.291	347.258	548.288	390.285	375.259	374.215	482.301	465.174	464.190	S14
F1	693.313	648.317	643.331	649.338	592.312	611.328	215.203	208.176	0.000	F13
A1	732.980	715.358	714.370	760.375	743.949	742.935	218.150	201.123	0.000	A12
K1	880.470	843.449	842.465	888.470	871.444	870.480	147.113	130.086	0.000	K11

sp | P70696 | H2B1A_MOUSE

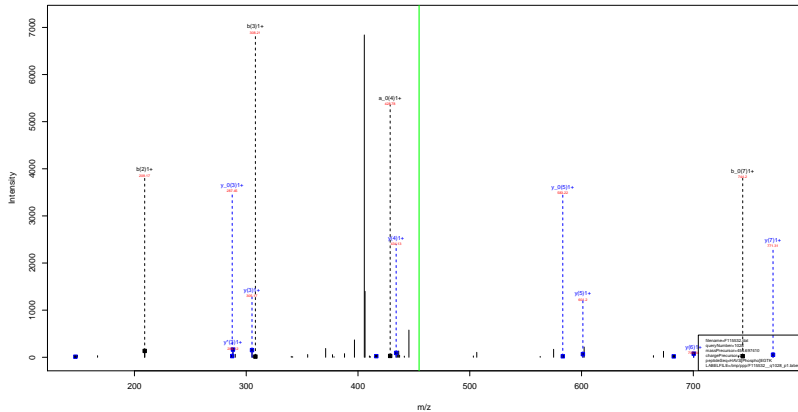
HAVS ^{Phospho}EGTK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=42.71
- ▶ F115532.dat
- ▶ query=q1027.p1
- ▶ precursor=454.697230
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA
H 1	1113.714	0.000	0.000	136.995	0.000	0.000	906.100	994.361	994.377	H 10
A 2	181.108	0.000	0.000	209.103	0.000	0.000	771.328	745.324	753.316	A 7
V 3	286.177	0.000	0.000	308.172	0.000	0.000	700.291	683.265	682.281	V 6
S 4	447.275	0.000	429.185	475.170	0.000	497.160	601.223	584.196	585.212	S 5
E 5	576.218	0.000	556.201	604.213	0.000	585.202	434.225	417.195	416.214	E 4
G 6	633.239	0.000	613.220	664.234	0.000	643.223	305.182	288.155	287.171	G 3
T 7	734.287	0.000	715.275	762.282	0.000	744.271	468.160	231.134	230.150	T 2
K 8	894.382	846.359	844.378	896.377	871.350	872.369	147.113	150.088	0.000	K 9

sp | P70696 | H2B1A_MOUSE

HAVS Phospho EGTK
79.97



sp | P70696 | H2B1A_MOUSE

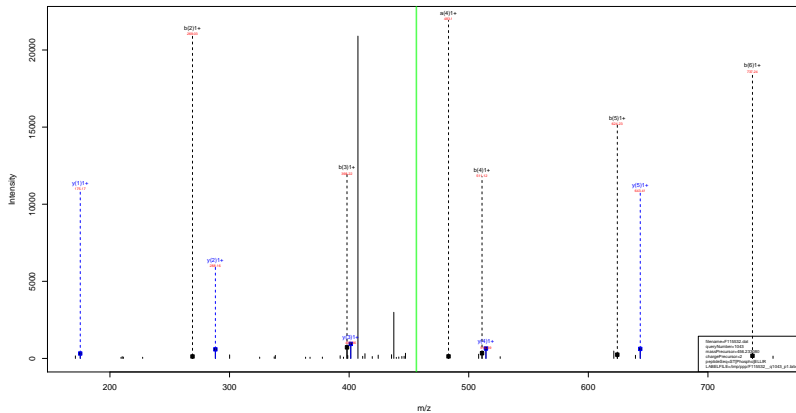
HAVS^{Phospho} EGTK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.80
- ▶ F115532.dat
- ▶ query=q1028_p1
- ▶ precursor=454.697410
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA
H 1	110.074	0.000	0.000	136.995	0.000	0.000	908.100	904.361	994.377	H 10
A 2	181.108	0.000	0.000	209.103	0.000	0.000	771.328	745.324	753.319	A 7
V 3	280.177	0.000	0.000	308.172	0.000	0.000	700.291	683.265	682.281	V 6
S 4	447.175	0.000	429.165	475.170	0.000	457.160	601.223	584.198	583.212	S 5
E 5	576.210	0.000	558.201	604.211	0.000	585.202	434.225	417.205	416.214	E 4
G 6	633.239	0.000	615.229	654.234	0.000	633.224	305.182	288.155	287.171	G 3
T 7	734.269	0.000	715.278	742.282	0.000	744.271	748.160	731.134	726.150	T 2
K 8	852.302	845.295	844.278	896.377	871.350	872.359	147.113	130.084	0.000	K 11

sp | P68433 | H31_MOUSE

ST^(Phospho) ELLIR
(79.97)



sp | P68433 | H31_MOUSE

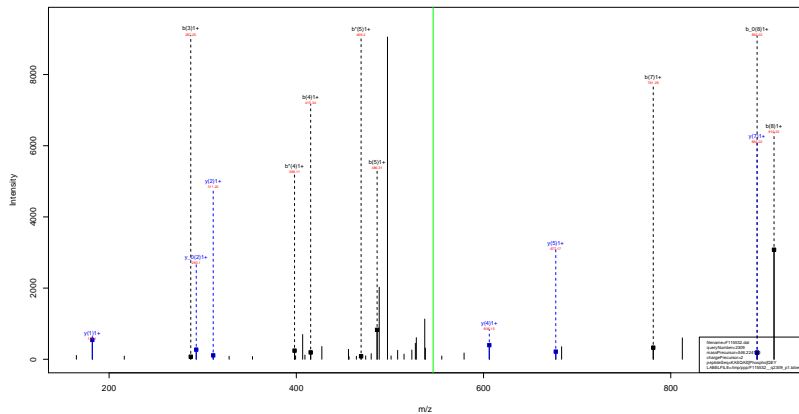
ST^(Phospho) ELLIR
(79.97)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.85
- ▶ F115532.dat
- ▶ query=q1043_p1
- ▶ precursor=456.233080
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA		
S	1	60.044	0.000	42.039	88.079	0.000	70.029	93.140	894.433	904.448	S	
T	2	241.358	0.000	223.040	269.053	0.000	251.043	324.428	807.403	808.417	T	
E	3	376.217	0.000	332.000	396.096	0.000	360.093	443.414	626.387	626.401	E	
L	4	483.185	0.000	425.174	511.180	0.000	493.169	514.371	627.361	0.000	L	
L	5	596.269	0.000	578.259	624.264	0.000	596.253	401.287	804.261	0.000	L	
R	6	709.313	0.000	691.343	737.348	0.000	719.339	288.283	273.176	0.000	R	
R	7	885.454	0.000	847.444	893.440	0.000	876.433	875.439	175.119	158.092	0.000	R

sp | P27661 | H2AX_MOUSE

KASQAS^{Phospho} QEY
79.97



sp | P27661 | H2AX_MOUSE

KASQAS^{Phospho} QEY
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.29
- ▶ F115532.dat
- ▶ query=q2309_p1
- ▶ precursor=546.224130
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
R	101.07	144.01	0.000	126.102	112.076	0.000	100.440	1074.431	0.000	R
A	172.144	155.118	0.000	200.150	181.111	0.000	583.588	646.510	0.000	A
S	259.176	242.150	241.100	287.171	270.145	269.181	692.358	671.261	674.250	S
Q	387.208	370.182	369.231	415.230	398.204	397.218	652.271	682.261	681.269	Q
A	354.212	441.200	440.251	488.261	469.241	364.257	677.218	660.151	659.207	A
S	625.271	608.244	607.289	653.263	636.238	635.250	606.181	589.154	588.170	S
Q	751.290	736.263	735.310	781.324	764.297	763.313	439.102	422.150	421.172	Q
T	883.312	868.285	867.330	918.361	901.335	900.349	692.356	311.134	0.000	T
Y	1045.436	1028.408	1027.424	1073.426	1056.400	1055.415	182.081	0.000	1043.411	Y

sp | P43274 | H14_MOUSE

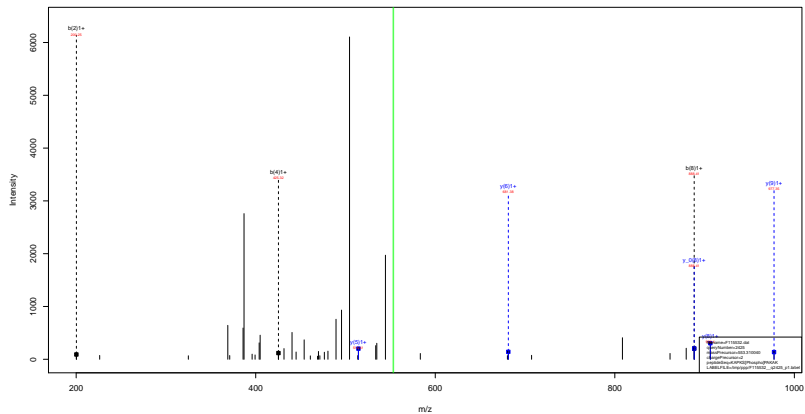
KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.49
- ▶ F115532.dat
- ▶ query=q2424.p1
- ▶ precursor=553.310030
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R1	101.407	94.001	0.000	229.102	112.076	0.000	1109.613	1088.988	1097.602	K10
A2	172.144	155.218	0.000	206.139	115.113	0.000	977.518	969.491	959.507	A9
T3	209.019	202.313	0.000	297.192	209.166	0.000	906.481	899.454	888.470	T8
R4	397.292	390.296	0.000	425.267	408.261	0.000	859.422	792.402	779.418	K7
S5	414.211	387.205	146.190	352.219	375.219	1074.211	861.131	859.301	843.121	S0
T6	481.242	464.217	943.131	469.219	474.214	874.242	514.128	497.208	0.000	T0
A7	732.280	715.254	744.310	760.375	743.289	742.280	417.282	403.255	0.000	A0
R8	860.476	843.449	842.450	888.470	871.444	870.469	949.265	929.218	0.000	R0
A9	1011.512	1014.498	911.502	959.507	962.481	961.497	218.150	201.123	0.000	A0
K10	1059.607	1049.591	1044.590	1067.602	1070.576	1069.601	147.111	130.088	0.000	K0

sp | P43274 | H14_MOUSE

KAPKS^{Phospho} PAKAK
79.97



sp | P43274 | H14_MOUSE

KAPKS ^{Phospho} PAKAK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=24.91
- ▶ F115532.dat
- ▶ query=q2425_p1
- ▶ precursor=553.310040
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA
R1	101-107	94-101	0.000	128-132	112-106	0.000	1159-813	1088-938	1057-802	K10
A2	172-144	135-118	0.000	206-139	183-113	0.000	977-518	968-491	959-507	A9
T3	109-107	202-111	0.000	191-119	200-106	0.000	905-481	899-454	888-470	Y10
R4	107-202	200-200	0.000	425-287	408-261	0.000	859-425	792-402	170-418	K10
S5	104-211	187-205	146-190	352-210	375-210	1074-211	861-131	168-101	103-111	S10
T6	101-212	184-117	143-111	359-110	374-114	1074-212	514-325	497-202	0.000	Y10
A7	132-200	115-204	174-310	750-370	743-349	762-303	417-200	403-200	0.000	A10
R8	160-470	143-449	142-450	888-470	871-444	870-400	948-200	929-210	0.000	K10
A9	111-512	114-408	111-507	959-507	942-461	941-407	218-150	201-123	0.000	A10
R10	109-607	1049-501	1044-500	1081-602	1070-576	1068-501	147-111	130-088	0.000	K10

sp | Q6ZWY9 | H2B1C_MOUSE

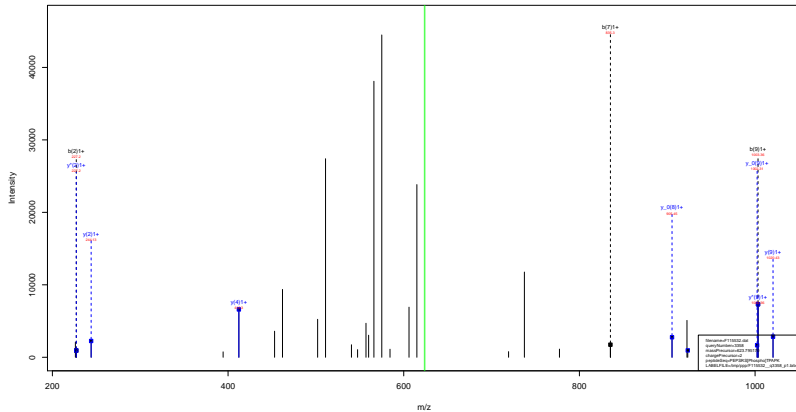
PEPAKS^{Phospho} APAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.68
- ▶ F115532.dat
- ▶ query=q2847_p1
- ▶ precursor=586.789490
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	y ^m	a β	b	b ^m	b β	y	y ^m	y β	AA
P1	41.295	0.000	0.000	98.793	0.000	0.000	117.217	117.217	117.217	P11
P2	199.108	0.000	101.909	227.193	0.000	0.000	119.219	119.219	119.219	P10
P3	256.100	0.000	276.150	324.253	0.000	306.149	946.476	929.448	928.446	P9
A4	287.100	0.000	349.100		0.000	377.100			811.412	A9
P5	316.094	0.000	417.094	523.207	0.000	556.094	778.208	778.208	778.208	K17
S6	350.094	0.000	444.094	566.207	0.000	599.094	650.201	650.201	650.201	S9
A7	435.090	0.000	716.090	761.303	0.000	794.090	961.303	961.293	961.293	A9
P8	530.081	0.000	812.081	857.376	0.000	891.081	846.355	412.355	399.250	P16
A9	601.078	0.000	983.078	929.413	0.000	911.078	911.078	911.078	298.129	A9
P10	696.071	0.000	980.071	1025.065	0.000	1058.071	244.106	227.138	0.000	P12
K11	1120.566	1100.566	1100.566	1114.563	1113.564	1110.569	157.110	1.50000	0.000	K11

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRS Phospho TPAPK
79.97



sp | Q9D2U9 | H2B3A_MOUSE

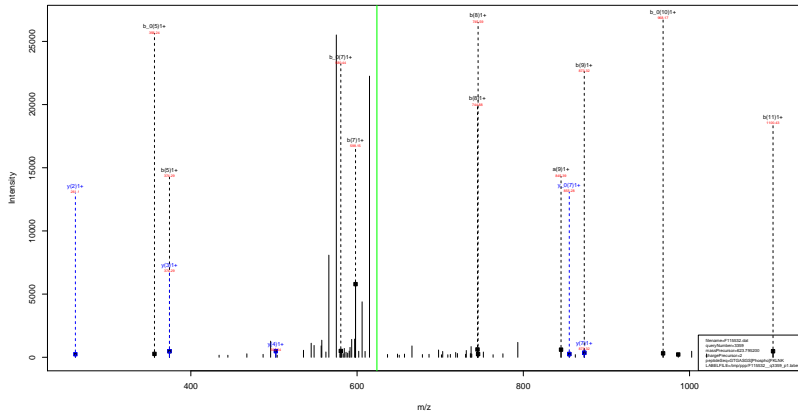
PEPSRS^{Phospho} TPAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=30.33
- ▶ F115532.dat
- ▶ query=q3358_p1
- ▶ precursor=623.795170
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:β	b	b*	b:β	y	y*	y:β	AA
P11	301.055	0.000	0.000	96.287	0.000	0.000	1.445.387	2.229.559	3.238.512	P111
T12	309.100	0.000	1.81.989	227.103	0.000	0.000	2.09.559	1.119.909	2.133.512	T121
P13	309.100	0.000	2.95.193	3.04.155	0.000	0.000	1020.487	1003.461	1007.477	P131
S14	313.110	0.000	305.182	4.11.187	0.000	0.000	921.435	959.400	905.424	S141
T15	319.414	327.261	3.21.289	1.09.489	329.242	349.214	348.466	319.379	348.466	T151
S16	326.262	959.255	1.00.261	7.94.287	317.202	3.10.270	959.255	1.05.270	9.05.291	S161
T17	327.430	1.00.110	1.09.329	835.335	1.01.409	1.17.130	1.10.310	9.06.272	4.05.291	T171
P18	334.332	327.261	9.06.262	1.10.287	9.05.301	9.10.312	412.255	9.05.255	0.000	P181
A19	371.410	926.410	97.410	1001.424	926.410	926.410	1.11.924	2.09.110	0.000	A191
P100	5372.482	3.005.459	1.004.472	11.001.477	1.001.451	3.002.460	244.168	227.139	0.000	P100
R111	1200.117	1.183.151	1.183.967	12.28.972	1.211.106	12.10.102	147.111	1.93.089	0.000	R111

sp | P15864 | H12_MOUSE

GTGASGS^{Phospho}FKLNK
79.97



sp | P15864 | H12_MOUSE

GTGASGS^{Phospho} FKLNK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.57
- ▶ F115532.dat
- ▶ query=q3359_p1
- ▶ precursor=623.795200
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
Q1	38.574	0.000	0.000	58.029	0.000	0.000	1346.553	1172.556	1172.557	Q12
T1	131.082	0.000	113.071	158.076	0.000	141.086	1180.561	1172.555	1171.561	T13
G5	188.151	0.000	170.092	210.095	0.000	158.087	1088.534	1071.487	1070.503	G10
A4	279.148	0.000	261.138	289.135	0.000	209.154	1021.483	1014.486	1013.492	A9
S5	346.172	0.000	328.162	374.167	0.000	256.156	960.435	943.428	942.444	S8
Q4	403.174	0.000	385.163	410.169	0.000	313.173	873.423	856.399	855.412	Q7
S7	470.192	0.000	452.181	480.183	0.000	368.176	811.402	794.378	793.384	S6
T6	517.208	0.000	499.200	508.203	0.000	419.209	750.413	733.371	732.378	T5
R6	646.255	888.888	617.246	673.250	888.834	655.240	507.316	488.308	0.000	R4
L10	709.470	841.413	680.420	686.434	869.438	668.424	374.240	357.213	0.000	L3
R11	1079.482	1079.482	1054.473	1100.477	1081.481	1056.471	261.136	244.129	0.000	R3
R12	1300.577	1183.581	1182.569	1228.573	1211.548	1210.562	147.113	130.088	0.000	R1

sp | Q9D2U9 | H2B3A_MOUSE

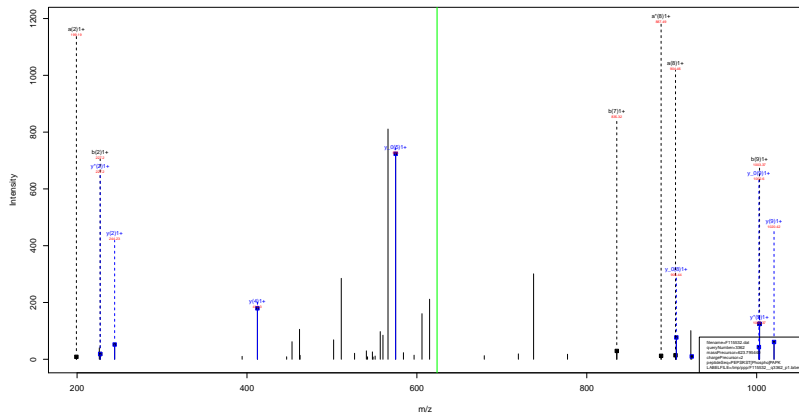
PEPSRS^{Phospho} TPAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=33.43
- ▶ F115532.dat
- ▶ query=q3360.p1
- ▶ precursor=623.795200
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA	
P11	70195	0.000	0.000	10.291	0.000	0.000	1246.983	1220.550	1238.572	P111	
E12	399.100	0.000	1.63.000	277.103	0.000	0.000	1249.330	1132.600	1133.300	E120	
P13	399.100	0.000	278.100	324.100	0.000	356.100	1020.487	1001.461	1002.477	P130	
S14	383.100	0.000	389.100	411.100	0.000	381.100	921.431	920.430	905.424	S140	
T15	139.200	0.000	322.200	389.200	0.000	381.200	888.460	887.200	888.200	T150	
S16	394.200	0.000	389.200	734.200	0.000	712.200	735.270	680.270	681.270	S160	
T17	307.300	0.000	389.300	435.335	0.000	637.300	113.300	660.270	660.270	T170	
P18	354.300	0.000	389.300	435.300	0.000	637.300	412.355	380.270	0.000	P180	
A19	375.400	0.000	389.400	1001.424	0.000	920.400	920.410	115.200	920.110	A190	
P100	1012.400	0.000	1004.471	1009.477	0.000	1001.451	1001.451	344.166	327.139	0.000	P100
K111	1000.577	1.000	1.000	1.000	1.000	1.011.546	1.010.560	147.111	1.010.000	0.000	K111

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRST Phospho PAKP
79.97



sp | Q9D2U9 | H2B3A_MOUSE

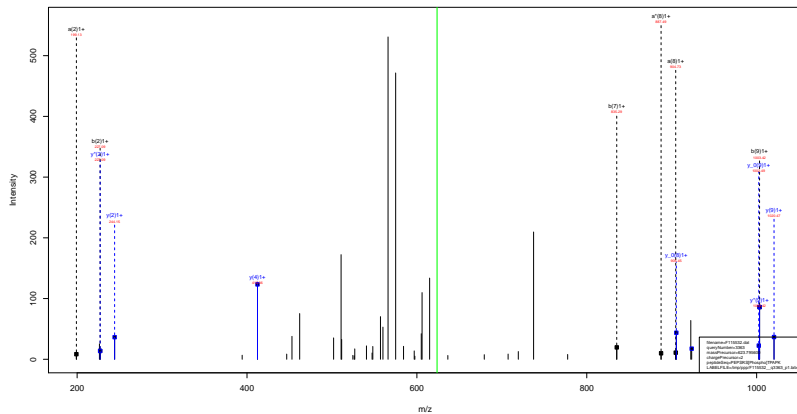
PEPSRST Phospho PAKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=26.70
- ▶ F115532.dat
- ▶ query=q3362_p1
- ▶ precursor=623.795440
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,c	y	y*	y,c	AA	
P11	1152.07	0.000	0.000	96.297	0.000	0.000	1346.367	2.229	559	1238.572	P111
E12	138.138	0.000	131.969	227.103	0.000	0.000	228.999	1349.333	1139.908	2193.938	E120
P13	256.156	0.000	250.120	324.155	0.000	0.000	330.145	1020.487	1003.461	1007.477	P130
S14	383.173	0.000	380.182	411.187	0.000	391.177	921.435	950.400	905.424	S140	
T15	510.190	0.000	512.209	589.208	0.000	569.214	588.214	619.219	638.266	T150	
S16	626.208	800.250	628.215	694.223	637.204	636.210	680.211	683.215	687.219	S160	
T17	767.224	680.231	769.233	835.235	694.229	617.221	690.221	719.243	575.250	T170	
P18	904.262	887.266	888.262	916.267	935.261	916.271	412.255	940.259	0.000	P180	
A19	1174.278	924.263	971.419	1003.424	996.414	990.414	1013.271	269.170	0.000	A190	
P100	1312.480	1005.459	1094.472	1100.477	1081.461	1080.460	244.168	227.139	0.000	P100	
K111	1330.517	1183.551	1183.567	1228.572	1211.546	1210.542	147.111	130.089	0.000	K110	

sp | Q9D2U9 | H2B3A_MOUSE

PEPSRS Phospho TPAK
79.97



sp | Q9D2U9 | H2B3A_MOUSE

PEPSRS^{Phospho} TPAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=26.74
- ▶ F115532.dat
- ▶ query=q3363_p1
- ▶ precursor=623.795600
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:β	b	b*	b:β	y	y*	y:β	AA	
P11	115532	0.000	0.000	66.287	0.000	0.000	1346.583	2229.559	3238.532	P111	
E12	139.138	0.000	131.989	227.103	0.000	0.000	2289.559	3174.908	4183.935	E121	
P13	256.159	0.000	250.193	324.155	0.000	0.000	300.145	1020.481	1003.461	1007.477	P131
S14	383.180	0.000	380.182	411.187	0.000	0.000	101.177	921.435	900.400	905.424	S141
P15	139.219	0.000	131.289	189.289	0.000	0.000	260.219	388.266	519.276	648.286	P151
S16	176.252	0.000	169.261	194.267	0.000	0.000	110.252	980.251	1063.255	1043.261	S161
T17	307.263	0.000	300.269	335.235	0.000	0.000	117.263	114.263	966.272	946.273	T171
I18	364.292	367.266	360.292	410.297	355.291	410.297	412.255	980.255	960.256	940.261	I181
A19	474.319	464.303	467.319	1003.424	998.318	999.419	113.319	260.319	0.000	0.000	A191
P20	1312.482	0.000	1304.472	1330.477	1303.493	1300.482	244.168	227.139	0.000	0.000	P201
K111	1200.517	1183.551	1184.567	1228.512	1211.516	1210.502	147.511	130.000	0.000	0.000	K111

sp | Q9D2U9 | H2B3A_MOUSE

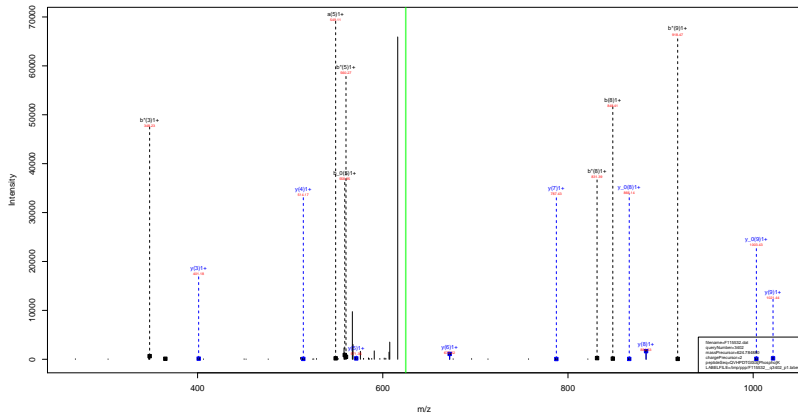
PEPSRS^{Phospho} TPAPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=30.10
- ▶ F115532.dat
- ▶ query=q3366_p1
- ▶ precursor=623.795790
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:β	b	b*	b:β	y	y*	y:β	AA	
P11	115532	0.000	0.000	66.287	0.000	0.000	1346.587	2229.588	3238.572	P111	
F12	118.108	0.000	131.989	227.103	0.000	0.000	2289.590	3174.591	4183.582	F121	
P13	256.159	0.000	295.193	324.155	0.000	0.000	330.145	1020.487	1003.461	1007.477	P131
S14	383.193	0.000	385.182	411.187	0.000	0.000	391.177	921.435	950.430	905.424	S141
P15	510.228	327.265	521.289	589.288	327.265	560.274	581.274	681.276	781.278	881.280	P151
S16	736.262	660.255	748.267	794.267	717.262	715.270	680.271	683.270	683.270	583.261	S161
T17	867.293	780.281	789.293	835.235	781.281	817.281	774.279	666.277	446.271	716.273	T171
P18	1044.302	887.285	888.282	925.287	855.281	914.277	412.255	565.255	565.255	565.255	P181
A19	1214.332	924.421	927.419	1003.424	926.414	920.414	913.271	268.172	0.000	0.000	A191
P100	1312.482	1055.459	1054.472	1100.477	1081.454	1080.460	244.168	227.139	0.000	0.000	P101
R111	1310.517	1183.551	1182.567	1228.572	1211.546	1210.552	147.111	130.089	0.000	0.000	R111

sp | P70696 | H2B1A_MOUSE

QVHPDTGISS Phospho K
79.97



sp | P70696 | H2B1A_MOUSE

QVHPDTGISS Phospho K
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=27.38
- ▶ F115532.dat
- ▶ query=q3402.p1
- ▶ precursor=624.784880
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
Q	101	84	0.000	170	153	0.000	170	153	0.000	Q
V	102	85	0.000	171	154	0.000	171	154	0.000	V
R	103	86	0.000	172	155	0.000	172	155	0.000	R
P	104	87	0.000	173	156	0.000	173	156	0.000	P
L	105	88	0.000	174	157	0.000	174	157	0.000	L
I	106	89	0.000	175	158	0.000	175	158	0.000	I
V	107	90	0.000	176	159	0.000	176	159	0.000	V
M	108	91	0.000	177	160	0.000	177	160	0.000	M
K	109	92	0.000	178	161	0.000	178	161	0.000	K
K	110	93	0.000	179	162	0.000	179	162	0.000	K
K	111	94	0.000	180	163	0.000	180	163	0.000	K
K	112	95	0.000	181	164	0.000	181	164	0.000	K
K	113	96	0.000	182	165	0.000	182	165	0.000	K
K	114	97	0.000	183	166	0.000	183	166	0.000	K
K	115	98	0.000	184	167	0.000	184	167	0.000	K
K	116	99	0.000	185	168	0.000	185	168	0.000	K
K	117	100	0.000	186	169	0.000	186	169	0.000	K
K	118	101	0.000	187	170	0.000	187	170	0.000	K
K	119	102	0.000	188	171	0.000	188	171	0.000	K
K	120	103	0.000	189	172	0.000	189	172	0.000	K
K	121	104	0.000	190	173	0.000	190	173	0.000	K
K	122	105	0.000	191	174	0.000	191	174	0.000	K
K	123	106	0.000	192	175	0.000	192	175	0.000	K
K	124	107	0.000	193	176	0.000	193	176	0.000	K
K	125	108	0.000	194	177	0.000	194	177	0.000	K
K	126	109	0.000	195	178	0.000	195	178	0.000	K
K	127	110	0.000	196	179	0.000	196	179	0.000	K
K	128	111	0.000	197	180	0.000	197	180	0.000	K
K	129	112	0.000	198	181	0.000	198	181	0.000	K
K	130	113	0.000	199	182	0.000	199	182	0.000	K
K	131	114	0.000	200	183	0.000	200	183	0.000	K
K	132	115	0.000	201	184	0.000	201	184	0.000	K
K	133	116	0.000	202	185	0.000	202	185	0.000	K
K	134	117	0.000	203	186	0.000	203	186	0.000	K
K	135	118	0.000	204	187	0.000	204	187	0.000	K
K	136	119	0.000	205	188	0.000	205	188	0.000	K
K	137	120	0.000	206	189	0.000	206	189	0.000	K
K	138	121	0.000	207	190	0.000	207	190	0.000	K
K	139	122	0.000	208	191	0.000	208	191	0.000	K
K	140	123	0.000	209	192	0.000	209	192	0.000	K
K	141	124	0.000	210	193	0.000	210	193	0.000	K
K	142	125	0.000	211	194	0.000	211	194	0.000	K
K	143	126	0.000	212	195	0.000	212	195	0.000	K
K	144	127	0.000	213	196	0.000	213	196	0.000	K
K	145	128	0.000	214	197	0.000	214	197	0.000	K
K	146	129	0.000	215	198	0.000	215	198	0.000	K
K	147	130	0.000	216	199	0.000	216	199	0.000	K
K	148	131	0.000	217	200	0.000	217	200	0.000	K
K	149	132	0.000	218	201	0.000	218	201	0.000	K
K	150	133	0.000	219	202	0.000	219	202	0.000	K
K	151	134	0.000	220	203	0.000	220	203	0.000	K
K	152	135	0.000	221	204	0.000	221	204	0.000	K
K	153	136	0.000	222	205	0.000	222	205	0.000	K
K	154	137	0.000	223	206	0.000	223	206	0.000	K
K	155	138	0.000	224	207	0.000	224	207	0.000	K
K	156	139	0.000	225	208	0.000	225	208	0.000	K
K	157	140	0.000	226	209	0.000	226	209	0.000	K
K	158	141	0.000	227	210	0.000	227	210	0.000	K
K	159	142	0.000	228	211	0.000	228	211	0.000	K
K	160	143	0.000	229	212	0.000	229	212	0.000	K
K	161	144	0.000	230	213	0.000	230	213	0.000	K
K	162	145	0.000	231	214	0.000	231	214	0.000	K
K	163	146	0.000	232	215	0.000	232	215	0.000	K
K	164	147	0.000	233	216	0.000	233	216	0.000	K
K	165	148	0.000	234	217	0.000	234	217	0.000	K
K	166	149	0.000	235	218	0.000	235	218	0.000	K
K	167	150	0.000	236	219	0.000	236	219	0.000	K
K	168	151	0.000	237	220	0.000	237	220	0.000	K
K	169	152	0.000	238	221	0.000	238	221	0.000	K
K	170	153	0.000	239	222	0.000	239	222	0.000	K
K	171	154	0.000	240	223	0.000	240	223	0.000	K
K	172	155	0.000	241	224	0.000	241	224	0.000	K
K	173	156	0.000	242	225	0.000	242	225	0.000	K
K	174	157	0.000	243	226	0.000	243	226	0.000	K
K	175	158	0.000	244	227	0.000	244	227	0.000	K
K	176	159	0.000	245	228	0.000	245	228	0.000	K
K	177	160	0.000	246	229	0.000	246	229	0.000	K
K	178	161	0.000	247	230	0.000	247	230	0.000	K
K	179	162	0.000	248	231	0.000	248	231	0.000	K
K	180	163	0.000	249	232	0.000	249	232	0.000	K
K	181	164	0.000	250	233	0.000	250	233	0.000	K
K	182	165	0.000	251	234	0.000	251	234	0.000	K
K	183	166	0.000	252	235	0.000	252	235	0.000	K
K	184	167	0.000	253	236	0.000	253	236	0.000	K
K	185	168	0.000	254	237	0.000	254	237	0.000	K
K	186	169	0.000	255	238	0.000	255	238	0.000	K
K	187	170	0.000	256	239	0.000	256	239	0.000	K
K	188	171	0.000	257	240	0.000	257	240	0.000	K
K	189	172	0.000	258	241	0.000	258	241	0.000	K
K	190	173	0.000	259	242	0.000	259	242	0.000	K
K	191	174	0.000	260	243	0.000	260	243	0.000	K
K	192	175	0.000	261	244	0.000	261	244	0.000	K
K	193	176	0.000	262	245	0.000	262	245	0.000	K
K	194	177	0.000	263	246	0.000	263	246	0.000	K
K	195	178	0.000	264	247	0.000	264	247	0.000	K
K	196	179	0.000	265	248	0.000	265	248	0.000	K
K	197	180	0.000	266	249	0.000	266	249	0.000	K
K	198	181	0.000	267	250	0.000	267	250	0.000	K
K	199	182	0.000	268	251	0.000	268	251	0.000	K
K	200	183	0.000	269	252	0.000	269	252	0.000	K
K	201	184	0.000	270	253	0.000	270	253	0.000	K
K	202	185	0.000	271	254	0.000	271	254	0.000	K
K	203	186	0.000	272	255	0.000	272	255	0.000	K
K	204	187	0.000	273	256	0.000	273	256	0.000	K
K	205	188	0.000	274	257	0.000	274	257	0.000	K
K	206	189	0.000	275	258	0.000	275	258	0.000	K
K	207	190	0.000	276	259	0.000	276	259	0.000	K
K	208	191	0.000	277	260	0.000	277	260	0.000	K
K	209	192	0.000	278	261	0.000	278	261	0.000	K
K	210	193	0.000	279	262	0.000	279	262	0.000	K
K	211	194	0.000	280	263	0.000	280	263	0.000	K
K	212	195	0.000	281	264	0.000	281	264	0.000	K
K	213	196	0.000	282	265	0.000	282	265	0.000	K
K	214	197	0.							

sp | Q64475 | H2B1B_MOUSE

KES^{Phospho} YSVYVYK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=61.08
- ▶ F115532.dat
- ▶ query=q4022.p1
- ▶ precursor=673.308090
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
K	1	308.202	48.000	0.000	126.082	112.000	0.000	1146.880	1126.000	K(2)
E	2	330.730	213.120	212.130	258.145	281.118	240.134	1217.513	1206.480	E(2)
S	3	330.730	369.240	378.130	329.050	308.000	307.120	1088.439	1079.440	S(3)
V	4	508.212	543.180	542.201	588.207	571.130	570.130	821.472	804.440	V(4)
S	5	547.224	530.120	539.130	674.207	658.212	657.200	758.408	743.120	S(5)
V	6	576.212	120.200	128.200	174.207	157.200	156.200	671.378	654.200	V(6)
V	7	576.212	802.240	801.200	857.378	836.240	835.200	572.308	566.200	V(7)
V	8	606.444	681.410	901.433	1036.439	1018.410	1018.428	408.245	392.210	V(8)
V	9	1171.207	1154.480	1153.499	1199.502	1180.475	1181.481	316.176	293.150	V(9)
K	10	1204.668	1200.750	1201.930	1187.960	1180.930	1180.960	141.110	130.000	K(10)

sp | P15864 | H12_MOUSE

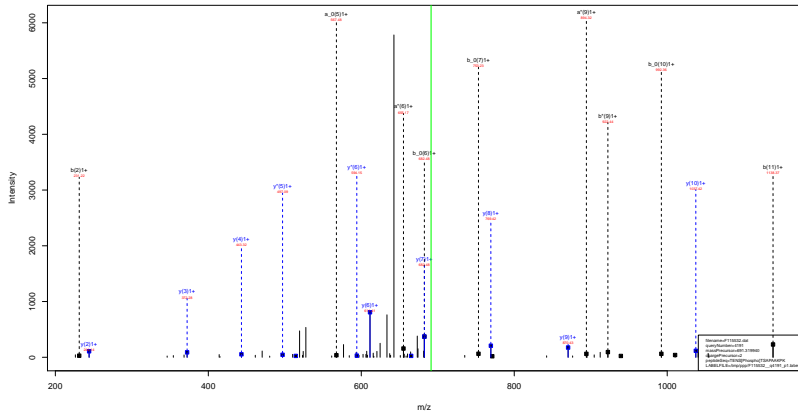
GTGAS^{Phospho} 79.97 GSFKLNKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.18
- ▶ F115532.dat
- ▶ query=q4151_p1
- ▶ precursor=687.842810
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ^Δ	b	b*	b ^Δ	y	y*	y ^Δ	AA	
Q	1	301034	0.000	0.000	590024	0.000	0.000	1174.63	1107.63	1066.60	G(L)
T	2	1311092	0.000	1143.071	1391.071	0.000	1411.099	1317.630	1300.630	1209.646	T(L)
G	3	1081313	0.000	1301000	1319100	0.000	1301.000	1219.699	1159.699	1106.666	G(L)
A	4	2091540	0.000	1445.130	2071335	0.000	1699.124	1359.130	1142.945	1141.577	A(L)
S	5	1021130	0.000	1091120	1091130	0.000	1036.122	1036.122	1072.521	1031.520	S(L)
G	6	1031100	0.000	1001100	1011100	0.000	1031.100	1071.302	1041.302	1011.541	G(L)
S	7	1019100	0.000	1001100	1001100	0.000	1001.100	1001.100	1001.100	1001.100	S(L)
F	8	1171000	0.000	1001000	1001000	0.000	1271.245	1177.498	1001.000	1001.000	F(L)
K	9	1041000	1028.329	1047.943	1131.300	1006.124	1001.000	1001.000	1001.000	1001.000	K(L)
L	10	1011000	1011000	1011000	1011000	1011000	1011000	1011.000	1011.000	1011.000	L(L)
N	11	1107200	1006.400	1006.400	1100.477	1001.401	1002.467	1001.201	1001.201	1001.201	N(L)
K	12	1100100	1100100	1100100	1228.572	1211.549	1210.562	1175.208	1001.100	1001.100	K(L)
K	13	1100100	1100100	1100100	1100100	1100100	1100100	1100100	1100100	1100100	K(L)

sp|P10922|H10_MOUSE

TENS^{Phospho}TSAPAAKPK
79.97



sp | P10922 | H10_MOUSE

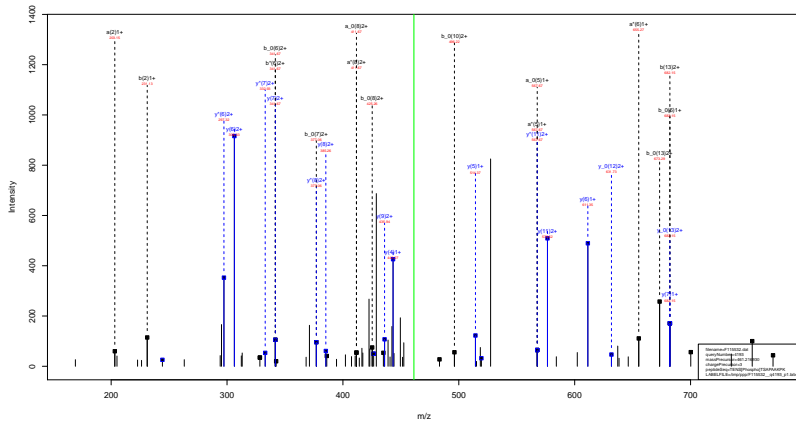
TENS^{Phospho} TSAPAAKPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=65.74
- ▶ F115532.dat
- ▶ query=q4191_p1
- ▶ precursor=691.319940
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
E[1]	74.000	0.000	74.000	0.000	0.000	0.000	1.000	1.000	0.000	E[12]
E[2]	203.103	0.000	180.000	231.098	0.000	253.007	1.000	1.000	1.000	E[12]
TG[3]	317.240	100.133	209.107	344.144	100.134	320.000	1.000	1.000	1.000	TG[13]
S[4]	304.144	487.117	446.111	513.110	495.112	494.100	1037.503	1030.470	1030.460	S[10]
T[5]	300.102		567.181	613.180	600.160		870.504	860.470	862.744	T[10]
S[6]	412.214	635.187	694.211	700.200	703.190	682.208	760.497	750.480	750.480	S[10]
A[7]	743.201	170.204	170.200	771.206	754.200	753.205	682.425	645.398	0.000	A[7]
P[8]	690.114	637.207	122.101	369.104	361.090	630.200	611.388	544.361	0.000	P[8]
A[9]	351.101	694.324	694.320	699.345	627.319	621.310	514.335	497.309	0.000	A[9]
A[10]	690.200	690.201	690.197	1010.183	694.180	902.372	443.208	443.200	0.000	A[10]
R[11]	1110.403	1083.400	1082.472	1138.478	1112.451	1130.460	372.201	368.204	0.000	R[11]
P[12]	1307.535	1180.530	1180.529	1435.530	1435.530	1437.530	244.166	240.160	0.000	P[12]
R[13]	1376.532	1338.528	1337.620	1367.529	1346.519	1345.510	340.171	330.000	0.000	R[13]

sp|P10922|H10_MOUSE

TENS^{Phospho}TSAPAAKPK
79.97



sp | P10922 | H10_MOUSE

TENS^{Phospho} TSAPAAKPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=30.85
- ▶ F115532.dat
- ▶ query=q4193_p1
- ▶ precursor=461.216930
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
E[1]	74.892	0.000	74.892	110.000	0.000	110.000	194.054	1.001.030	0.004.000	T10[S]
E[2]	203.165	0.000	180.000	231.098	0.000	231.098	213.107	2.000.000	0.261.000	E12[1]
T6[3]	117.478	0.001.110	0.000.000	164.744	328.114	0.001.110	0.001.110	1.151.040	0.114.000	T6[3]
S[4]	404.144	407.117	400.131	512.133	405.112	404.130	1037.001	1005.478	0.010.482	S[4D]
T1[5]	282.172	566.165	567.181	0.000.000	0.000.000	0.000.000	101.001	0.001.000	0.001.000	T1[5]
S[6]	172.214	653.197	654.213	700.219	693.194	692.208	101.001	100.490	0.001.498	S[6]
A[7]	743.201	1.000.201	1.000.201	771.230	754.229	753.245	682.425	1.000.000	0.000.000	A[7]
F[8]	840.014	837.007	838.008	868.008	871.002	869.000	611.388	1.004.001	0.000.000	F[8]
A[9]	621.051	604.034	603.040	630.040	622.019	621.035	514.335	497.000	0.000.000	A[9]
A[10]	692.008	695.001	696.001	1010.000	693.004	692.002	441.298	426.271	0.000.000	A[10]
R[11]	1110.483	1093.436	1092.472	1120.470	1121.451	1120.487	812.201	805.214	0.000.000	R[11]
P[12]	1007.030	1100.030	1100.030	1120.030	1121.034	1121.034	244.166	227.130	0.000.000	P[12]
R[13]	1035.030	1108.004	1117.020	1161.020	1146.009	1145.011	147.111	130.000	0.000.000	R[13]

sp | P10922 | H10_MOUSE

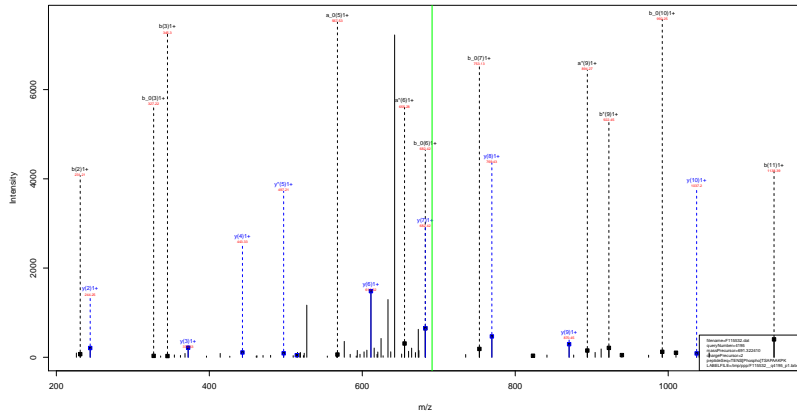
TENS^{Phospho} TSAPAAKPK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=30.85
- ▶ F115532.dat
- ▶ query=q4193_p1
- ▶ precursor=461.216930
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
T	137.034	0.504	28.528	51.531	0.504	41.526	691.527	682.028	682.316	T13
E	132.078	0.504	84.069	116.062	0.504	107.057	646.766	632.267	632.762	E12
N	130.076	150.553	150.071	113.074	164.561	164.059	576.276	567.763	567.271	N11
S	142.078	234.069	234.573	256.573	246.069	247.588	519.255	518.742	518.250	S10
T	203.059	284.528	284.054	307.057	306.554	307.052	435.756	432.249	426.751	T10
S	208.078	328.182	327.618	350.618	349.114	342.100	341.608	345.222	376.718	S10
A	272.134	353.513	353.139	398.131	397.619	377.619	377.126	341.710	333.203	A10
P	400.650	412.147	411.655	434.658	426.145	425.653	306.197	297.684	0.504	P16
A	456.179	447.690	447.174	470.176	461.663	461.171	257.671	249.150	0.504	A16
A	603.868	483.184	482.668	505.668	497.152	496.660	222.154	213.639	0.504	A16
R	255.742	427.212	446.746	368.742	361.229	360.737	198.631	118.121	0.504	R11
P	104.271	106.730	105.264	618.269	609.756	609.264	127.588	114.073	0.504	P12
K	168.319	658.800	658.314	682.316	673.803	673.311	74.060	65.547	0.504	K11

sp|P10922|H10_MOUSE

TENS^{Phospho}TSAPAAKPK
79.97



sp|P10922|H10_MOUSE

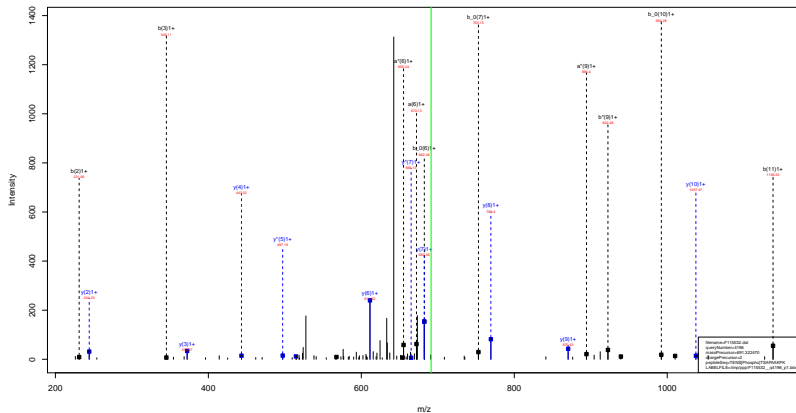
TENS^{Phospho}TSAPAAKPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=76.44
- ▶ F115532.dat
- ▶ query=q4195_p1
- ▶ precursor=691.322410
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
T1	74.000	0.000	74.000	0.000	0.000	0.000	1.001	1.000	0.001	T113
E2	203.103	0.000	188.093	231.093	0.000	231.093	1.000	1.000	0.000	E121
T3	317.246	203.103	114.143	305.140	203.103	102.037	327.130	1.019	1.019	T113
S4	304.144	487.117	183.000	486.117	486.117	0.000	1.000	1.000	0.000	S129
T5	385.312	0.000	567.181	0.000	0.000	0.000	870.504	0.000	0.000	T109
S6	412.214	635.187	223.000	634.187	634.187	0.000	842.208	765.497	0.000	S101
A7	743.201	170.204	573.000	713.200	713.200	0.000	753.345	682.425	0.000	A171
P8	891.214	823.287	67.927	890.287	890.287	0.000	0.000	611.388	0.000	P101
A9	911.201	894.324	16.877	899.345	927.319	27.974	0.000	514.335	497.309	A101
A10	959.208	907.281	52.000	1010.183	958.280	52.000	922.372	443.298	0.000	A101
R11	1110.203	1083.200	27.000	1138.478	1137.451	1.000	0.000	372.301	0.000	R101
P12	1207.235	1180.230	27.000	1180.230	1180.230	0.000	1.000	244.166	0.000	P101
R13	1208.232	1178.228	30.000	1177.228	1176.228	1.000	0.000	0.000	0.000	R101

sp|P10922|H10_MOUSE

TENS^{Phospho}TSAPAAKPK
79.97



sp | P10922 | H10_MOUSE

TENS^{Phospho} TSAPAAKPK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=69.51
- ▶ F115532.dat
- ▶ query=q4196_p1
- ▶ precursor=691.322470
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ⁺	a ⁺ Δ	b	b ⁺	b ⁺ Δ	y	y ⁺	y ⁺ Δ	AA
E[1]	74.000	0.000	98.000	0.000000	0.000	98.000	1.001816	1.004002	0.001184	0.000000	E[12]
E[2]	203.101	0.000	180.000	231.098	0.000	203.000	1.280393	1.280393	0.000000	0.000000	E[12]
T6[3]	217.246	203.101	209.125	305.140	0.000	217.146	1.251980	1.251980	0.000000	0.000000	T6[12]
S[4]	304.144	487.117	486.117	486.117	0.000	304.139	1037.503	1037.478	0.026262	0.000000	S[12]
T1[5]	779.224	567.181	567.181	0.000000	0.000	779.224	870.504	869.478	1.026262	0.000000	T1[12]
S[6]	872.224	635.187	634.211	0.000000	0.000	872.224	861.208	765.497	99.7113	0.000000	S[12]
A[7]	743.291	720.234	720.234	720.234	720.234	743.291	753.345	682.425	645.398	0.000000	A[12]
P[8]	690.314	637.287	637.287	637.287	637.287	690.314	611.388	596.314	0.000000	0.000000	P[12]
A[9]	611.301	634.324	634.324	634.324	634.324	611.301	627.319	514.325	497.309	0.000000	A[12]
A[10]	600.308	600.308	600.308	1610.383	0.000	600.308	922.372	443.298	479.074	0.000000	A[12]
R[11]	1110.403	1083.430	1083.472	1138.478	0.000	1110.403	372.301	358.234	0.000000	0.000000	R[12]
P[12]	1207.535	1180.560	1180.520	1180.520	1207.535	1207.535	244.166	229.130	0.000000	0.000000	P[12]
R[13]	1208.532	1178.528	1177.620	1187.620	1208.532	1208.532	1345.301	997.171	0.000000	0.000000	R[12]

sp | P15864 | H12_MOUSE

KAS ^{Phospho} GPPVSELITK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=36.35
- ▶ F115532.dat
- ▶ query=q4299_p1
- ▶ precursor=703.868560
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
K	101.07	84.08	0.00	120.09	112.09	0.00	146.12	138.09	108.71	K(L)
A	172.14	155.13	0.00	202.12	193.12	0.00	227.15	220.08	170.04	A(L)
S	332.83	321.83	310.15	424.10	408.11	349.12	1207.57	1192.59	1100.00	S(L)
G	396.164	379.130	370.154	424.10	407.113	406.149	1040.570	1033.572	1022.580	G(L)
F	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	F(L)
T	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	T(L)
N	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	N(L)
Y	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	Y(L)
W	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	W(L)
E	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	E(L)
D	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	D(L)
H	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	H(L)
I	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	I(L)
L	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	L(L)
M	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	M(L)
Q	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	Q(L)
R	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	R(L)
V	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	V(L)
P	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	P(L)
C	398.16	381.130	372.129	424.10	407.113	406.149	1040.570	1033.572	1022.580	C(L)

sp | P15864 | H12_MOUSE

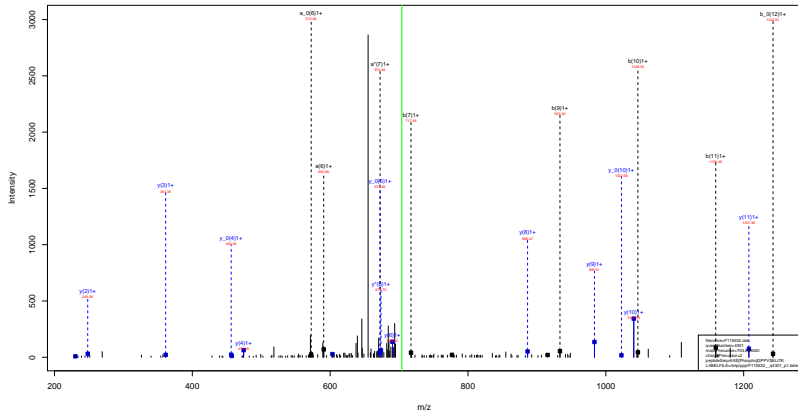
KAS ^{Phospho} GPPVSELITK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=75.58
- ▶ F115532.dat
- ▶ query=q4300_p1
- ▶ precursor=703.868820
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₂	b	b'	b ₂	y	y'	y ₂	AA
K1	101	100	98	99	0	0	0	0	0	K1
A2	172	174	150	151	0	0	0	0	0	A2
S3	330	333	300	311	313	315	317	319	321	S3
G4	396	394	370	354	324	326	328	330	332	G4
F5	493	217	430	120	420	320	321	903	577	F5
T6	559	557	514	514	514	514	514	514	514	T6
V7	599	596	671	312	671	313	700	599	597	V7
S8	674	671	650	644	654	651	658	665	672	S8
E9	805	813	800	785	807	802	816	825	834	E9
L10	1218	1218	1214	1214	1214	1214	1214	1214	1214	L10
D11	1331	1331	1314	1304	1350	576	1342	1349	1341	D11
I12	1332	1332	1313	1302	1314	1313	1342	613	248	I12
K13	1360	1364	1340	1313	1360	1359	1370	1381	1392	K13

sp | P15864 | H12_MOUSE

KAS Phospho GPPVSELITK
79.97



sp | P15864 | H12_MOUSE

KAS Phospho 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=50.52
- ▶ F115532.adt
- ▶ query=q4301.p1
- ▶ precursor=703.869020
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a+2	b	b'	b+2	y	y'	y+2	AA	
K	101	100	98	88	87	85	0.000	1446.720	1389.920	1388.720	K
A	2	172.144	150.112	0.000	200.130	183.113	0.000	773.720	1267.808	1266.024	A
S	3	170.143	150.112	141.935	200.130	180.113	200.200	1217.507	1160.540	1158.708	S
G	4	166.144	130.130	130.134	424.150	409.133	406.150	1040.590	1003.572	1022.580	G
P	5	162.144	130.130	126.134	321.132	304.130	301.131	983.577	984.551	982.507	P
T	6	396.210	181.240	372.230	110.000	102.000	102.000	886.524	889.498	888.114	T
V	7	160.140	671.312	1571.220	717.333	700.300	599.323	109.412	772.445	771.463	V
S	8	778.370	160.140	718.361	304.300	301.300	600.300	690.603	673.377	672.361	S
E	9	100.413	100.000	100.000	923.408	916.303	915.307	602.371	588.345	587.263	E
L	10	118.410	101.470	100.000	1006.492	1004.465	1003.463	474.329	457.302	456.318	L
D	11	113.380	114.500	111.570	1159.576	1142.549	1141.500	361.245	344.218	343.234	D
I	12	132.230	113.682	114.810	1260.624	1243.520	1242.613	248.160	231.134	230.150	I
K	13	130.124	118.680	114.013	1308.720	1291.605	1290.700	140.710	130.000	130.000	K

sp | P68433 | H31_MOUSE

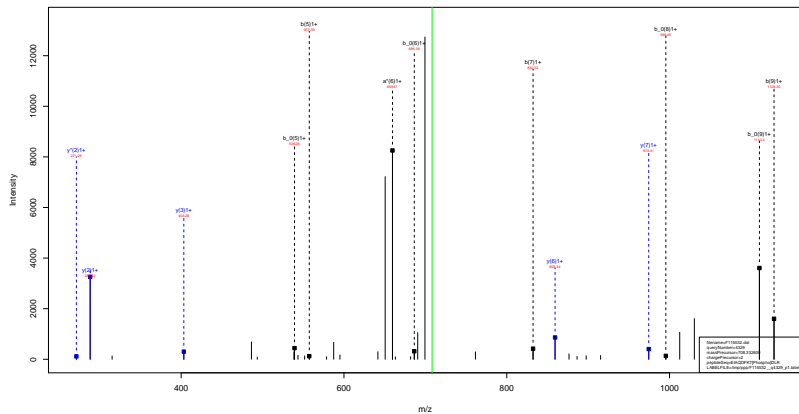
EIAQDFKT^{Phospho} DLR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=31.75
- ▶ F115532.dat
- ▶ query=q4326_p1
- ▶ precursor=708.332020
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA	
E1	102.055	0.000	84.044	4.36382	0.000	4.12.030	1453.667	1.390.630	1.397.046	E11	
H2	215.230	0.000	199.224	243.134	0.000	225.212	1208.843	1208.843	2264.603	H2	
A3	269.176	0.000	248.345	314.173	0.000	296.156	1113.530	1116.500	1205.519	A3	
Q4	314.200	387.200	390.224	442.200	0.000	424.210	1130.430	1120.450	1044.602	Q4	
D5	429.018	412.200	511.261	537.257	0.000	528.246	874.424	881.488	1084.424	D5	
F10	676.110	658.304	658.320	708.320	0.000	687.298	686.314	659.487	642.393	641.397	F10
K17	684.420	687.380	708.414	812.428	0.015.981	814.400	672.399	666.112	664.210	K18	
T18	685.430	685.412	687.428	715.415	0.000.807	816.423	834.264	687.212	666.211	T14	
L19	1101.666	1074.430	1076.450	1126.461	0.111.414	1110.450	483.230	389.260	382.210	L23	
L10	1313.260	1186.520	1188.510	1241.543	0.224.518	1223.534	288.203	271.176	0.000	L12	
R11	1389.031	1362.620	1354.641	1339.646	0.000.620	1319.636	176.110	158.000	0.000	R11	

sp | P68433 | H31_MOUSE

EIAQDFKT ^{Phospho} DLR
79.97



sp | P68433 | H31_MOUSE

EIAQDFKT^{Phospho} DLR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=33.30
- ▶ F115532.dat
- ▶ query=q4329_p1
- ▶ precursor=708.332600
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
E11	102.095	0.000	84.044	4.36382	0.000	4.12.030	1453.667	1.390.630	1.397.046	E11
T12	173.130	0.000	139.123	343.134	0.000	205.113	1208.644	1209.620	1208.603	T12
A13	209.176	0.000	208.165	314.173	0.000	206.100	1173.520	1176.503	1165.519	A13
Q14	314.230	387.230	386.224	825.237	0.20.311	826.209	881.498	1020.460	1014.432	Q14
D15	429.282	812.282	811.281	537.291	1.68.202	538.216	874.424	981.488	989.424	D15
F16	574.334	659.304	658.320	739.323	2.07.268	686.314	859.487	842.355	841.397	F16
K17	654.420	657.389	706.414	812.428	0.15.381	814.402	814.359	866.112	864.120	K17
T18	685.459	685.412	687.428	1161.415	0.68.607	895.423	824.254	987.112	986.211	T18
L19	1100.466	1073.439	1072.453	1128.461	1.11.414	1110.450	403.230	385.260	382.119	L19
L20	1313.500	1186.521	1186.518	1247.541	22.24.518	1223.534	288.203	271.176	0.000	L20
R11	1389.551	1387.620	1331.541	1339.648	1380.620	1319.636	176.110	158.000	0.000	R11

sp | P62806 | H4_MOUSE

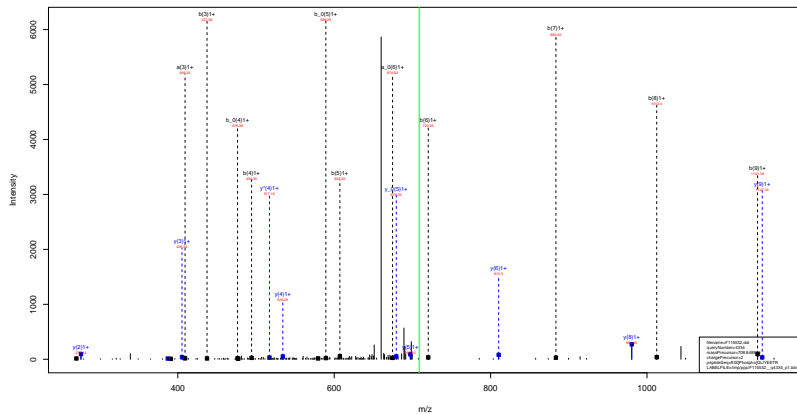
RIS Phospho
79.97 GLIYEETR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=79.02
- ▶ F115532.dat
- ▶ query=q4332_p1
- ▶ precursor=708.847160
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ²	b	b*	b ²	y	y*	y ²	AA
R(1)	120.113	112.087	0.000	277.192	440.887	0.000	1428.888	1399.662	1398.078	R(11)
T(2)	282.302	229.171	0.000	276.192	293.306	0.000	1398.987	1249.966	1244.977	Y(8)
S(3)	309.106	262.100	385.185	427.581	420.164	418.138	1147.503	1130.471	1129.661	S(9)
G(4)	339.301	288.120	440.288	487.581	477.186	476.288	980.505	983.471	982.834	G(9)
L(5)	378.301	322.219	588.288	607.206	589.471	588.288	823.463	826.471	826.171	L(10)
I(6)	392.302	375.233	674.287	720.389	703.204	702.233	810.399	793.233	792.589	I(6)
V(7)	393.430	338.427	317.430	881.444	864.411	863.431	697.315	699.288	698.288	V(6)
E(8)	384.401	387.400	388.401	1012.486	995.456	994.476	524.252	517.226	516.241	E(6)
D(9)	1113.204	1099.262	1090.242	1141.529	1124.202	1123.212	405.209	406.212	387.199	D(5)
T(10)	1214.202	1187.233	1186.213	1242.207	1225.236	1224.206	276.187	280.146	280.124	T(2)
R(11)	1310.203	1283.266	1282.216	1308.219	1281.243	1280.229	176.118	180.202	0.000	R(1)

sp | P62806 | H4_MOUSE

RIS Phospho GLIYEETR
79.97



sp | P62806 | H4_MOUSE

RIS^{Phospho} GLIYEETR
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.24
- ▶ F115532.dat
- ▶ query=q4334_p1
- ▶ precursor=708.848820
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
R[1]	130.111	112.087	0.000	112.088	140.092	0.000	140.090	1399.692	1398.678	R[1]
T[2]	282.108	229.111	0.000	270.192	295.106	0.000	295.104	1243.586	1242.572	Y[2]
S[3]	408.106	350.100	301.185	437.191	420.184	0.100	1147.503	1130.471	1129.461	S[3]
Q[4]		481.101	440.224	494.212	677.186	476.202	660.505	582.474	582.048	Q[4]
L[5]	578.101	682.201	640.281	667.296	708.278	583.286	682.290	686.481	686.031	L[5]
V[6]	552.202	675.200	674.375	720.380	703.204	655.200	818.399	793.373	792.369	V[6]
V[7]	655.433	680.427	677.438	883.444	896.417	865.431	697.315	680.299	676.305	V[7]
E[8]	684.401	582.400	585.401	1012.466	1006.400	1004.418	534.232	517.225	515.241	E[8]
E[9]	1113.204	870.200	1020.201	1141.529	1134.200	1123.201	405.209	397.199	397.199	E[9]
T[10]	1314.202	1187.200	1198.211	1247.211	1232.200	1224.200	276.187	268.181	268.181	T[10]
R[11]	1310.201	1183.200	1204.211	1208.210	1201.201	1200.200	175.119	158.200	0.000	R[11]

sp | P43274 | H14_MOUSE

KTS Phospho 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=31.60
- ▶ F115532.dat
- ▶ query=q4457_p1
- ▶ precursor=479.584690
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
R1	491.207	494.001	0.000	1299.101	1312.076	0.000	1430.140	1419.713	1418.729	R13
L2	292.727	295.238	180.742	230.150	233.123	217.139	330.040	320.810	320.034	L12
S3	369.153	371.127	351.141	377.144	380.122	373.139	327.050	318.876	318.088	S13
G4	426.175	430.130	406.104	404.175	437.141	436.139	300.050	302.972	302.088	G10
P5	211.210	210.217	551.223	234.100	233.212	263.127	306.033	306.033	306.033	P10
T6	320.000	601.234	600.234	148.273	151.299	152.273	300.041	300.041	300.041	T10
V7	719.249	720.252	700.250	747.345	750.317	729.315	700.472	712.445	771.461	V11
S8	306.301	789.354	788.351	824.370	817.349	818.309	690.403	673.371	672.391	S10
E9	625.421	618.207	617.413	963.418	946.392	845.408	603.371	589.345	585.361	E15
L10	1248.207	1251.461	1230.460	1276.503	1269.676	1258.492	454.363	497.302	496.316	L16
I11	1161.392	1144.509	1143.501	1109.580	1112.560	1111.576	361.265	344.238	343.234	I18
H12	102.839	100.613	1248.620	1250.134	1271.038	1272.024	248.160	231.134	230.150	H16
R13	1000.034	1013.108	1112.124	1418.729	1401.103	1400.718	147.111	130.088	0.000	R10

sp | P43274 | H14_MOUSE

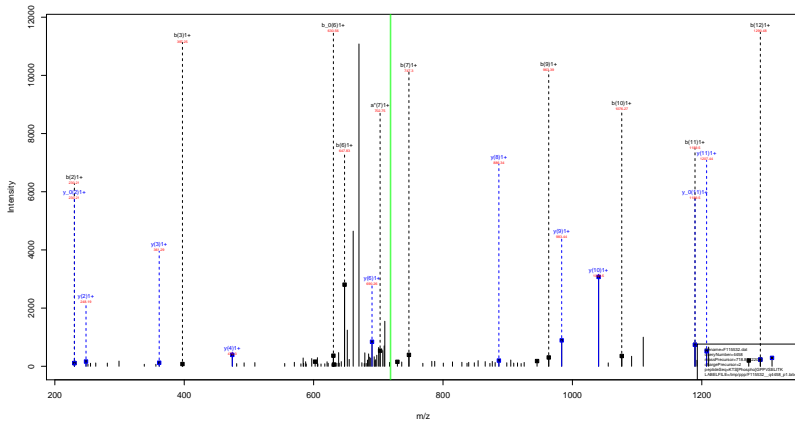
KTS Phospho 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=31.60
- ▶ F115532.dat
- ▶ query=q4457_p1
- ▶ precursor=479.584690
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
K	51.057	62.541	0.504	65.025	76.541	0.504	718.873	719.297	720.898	K
T	101.044	111.068	0.519	113.549	127.058	0.519	1064.824	1064.313	1064.221	T
S	139.080	179.520	1.75.075	190.010	190.505	1.90.010	904.302	905.107	905.297	S
G	211.961	246.019	204.588	227.589	218.019	218.581	520.811	512.200	511.768	G
P	262.117	253.604	253.117	276.115	267.602	267.111	462.207	463.719	463.207	P
F	310.644	302.131	301.648	315.641	316.120	315.636	443.766	435.253	434.761	F
V	368.178	351.655	351.173	374.175	366.652	366.170	395.214	388.129	388.214	V
S	401.664	385.141	384.689	417.681	408.170	408.680	345.705	337.102	336.400	S
E	468.215	459.702	459.210	462.213	473.700	473.208	302.180	293.676	293.184	E
L	504.719	516.247	515.750	518.768	519.242	520.762	237.660	228.159	228.653	L
I	581.299	572.786	572.294	595.297	586.784	586.292	181.126	172.613	172.121	I
T	631.823	623.310	622.811	645.821	637.307	636.815	124.560	116.071	115.579	T
K	685.871	687.353	686.855	709.868	701.355	700.863	74.000	65.547	0.504	K

sp | P43274 | H14_MOUSE

KTS Phospho GPPVSELITK
79.97



sp | P43274 | H14_MOUSE

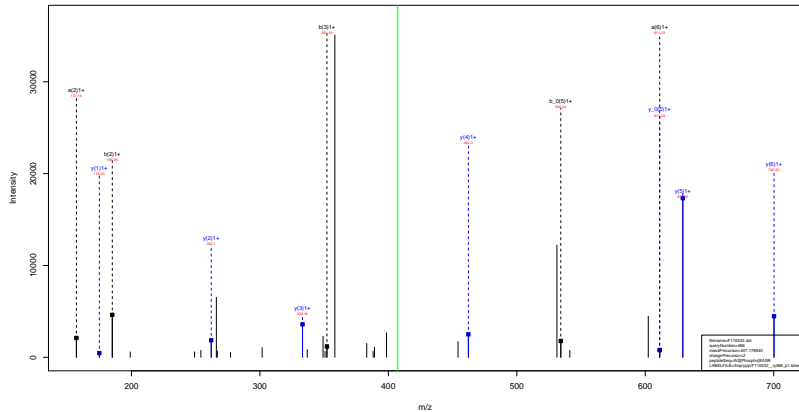
KTS Phospho 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=72.79
- ▶ F115532.dat
- ▶ query=q4458_p1
- ▶ precursor=718.874220
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ^o	b	b'	b ^o	y	y'	y ^o	AA
K1	300	300	0.000	120	120	0.000	340	740	1410	K123
T1	300	300	180	120	180	213	120	1300	1200	1200
S2	300	300	300	120	300	450	120	1200	1100	1100
G4	300	300	420	120	420	570	120	1040	1000	1000
T5	300	300	540	120	540	690	120	980	940	940
T6	300	300	660	120	660	810	120	920	880	880
V7	300	300	780	120	780	930	120	860	820	820
S8	300	300	900	120	900	1050	120	800	760	760
E9	300	300	1020	120	1020	1170	120	740	700	700
L10	300	300	1140	120	1140	1290	120	680	640	640
D11	300	300	1260	120	1260	1410	120	620	580	580
T12	300	300	1380	120	1380	1530	120	560	520	520
K13	300	300	1500	120	1500	1650	120	500	460	460

sp | P70696 | H2B1A_MOUSE

IAS Phospho EASR
79.97

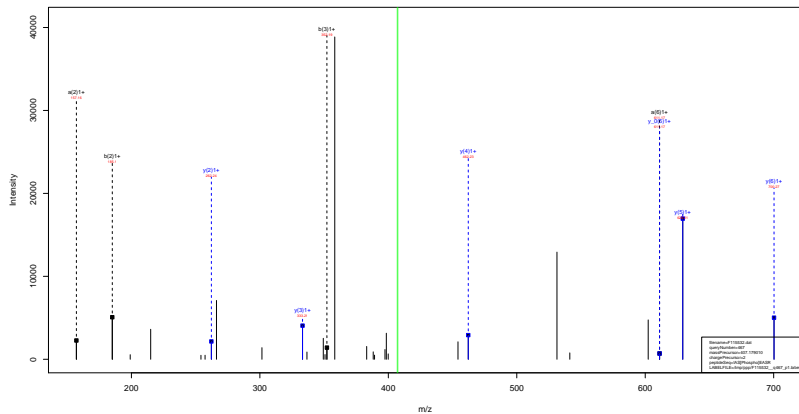


- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=57.09
- ▶ F115532.dat
- ▶ query=q466_p1
- ▶ precursor=407.178940
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R	96.096	0.000	0.000	114.091	0.000	0.000	613.350	796.334	796.340	H
A	157.134	0.000	0.000	185.128	0.000	0.000	700.366	683.240	682.250	A
S	134.124	0.000	368.121	352.127	0.000	134.118	629.239	612.200	611.218	S
E	453.174	0.000	435.160	461.163	0.000	463.150	462.231	445.204	444.220	E
A	324.212	0.000	306.201	362.207	0.000	534.196	333.188	316.164	315.178	A
S	611.244	0.000	593.231	630.239	0.000	621.228	262.151	245.124	244.140	S
R	187.181	750.178	748.164	795.160	778.153	777.152	175.119	158.092	0.000	R

sp | P70696 | H2B1A_MOUSE

IAS Phospho EASR
79.97

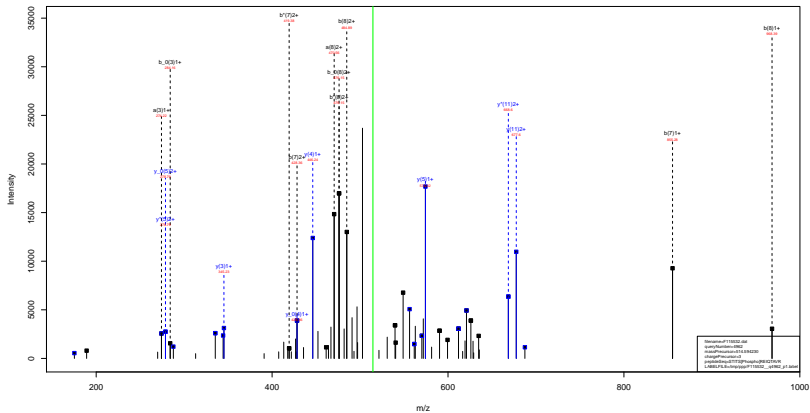


- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=43.68
- ▶ F115532.dat
- ▶ query=q467_p1
- ▶ precursor=407.179010
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
R	96.096	0.000	0.000	114.501	0.000	0.000	813.850	796.324	795.940	H
A	157.134	0.000	0.000	185.128	0.000	0.000	700.266	683.240	682.250	A
S	154.124	0.000	308.121	352.127	0.000	534.116	623.229	612.202	611.218	S
E	453.174	0.000	435.162	481.169	0.000	453.150	462.231	445.204	444.220	E
A	524.212	0.000	506.201	552.207	0.000	534.186	333.188	316.162	315.178	A
S	611.244	0.000	593.233	622.229	0.000	601.228	262.151	245.124	244.140	S
R	787.345	750.318	749.332	795.340	778.313	777.320	175.110	158.092	0.000	R

sp | P70696 | H2B1A_MOUSE

STITS (Phospho)
(79.97) REIQTAVR



sp | P70696 | H2B1A_MOUSE

STITS (Phospho)
(79.97) REIQTAVR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.35
- ▶ F115532.dat
- ▶ query=q4962_p1
- ▶ precursor=514.594230
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA	
S(1)	80.664	0.000	42.030	88.039	0.000	10.009	1541.700	1524.742	1624.702	S(1)	
T(2)	131.192	0.000	143.002	189.087	0.000	171.039	1454.720	1437.720	1436.720	T(2)	
T(3)	214.176	0.000	258.100	308.171	0.000	264.160	1331.688	1338.660	1335.678	T(3)	
T(4)	275.224	0.000	337.213	403.210	0.000	365.238	1240.600	1223.576	1222.584	T(4)	
S(5)	342.222	0.000	349.212	376.217	0.000	392.207	1130.530	1122.530	1121.540	S(5)	
R(6)	398.212	0.000	380.211	378.210	0.000	368.208	1028.508	1022.500	1020.512	R(6)	
S(7)	457.208	0.000	409.202	455.201	0.000	437.200	919.474	909.474	908.447	S(7)	
T(8)	540.450	0.000	522.439	568.445	0.000	550.434	687.415	678.388	668.404	T(8)	
Q(9)	528.509	0.000	520.498	508.503	0.000	519.477	587.403	574.331	557.304	556.320	Q(9)
T(10)	589.508	0.000	571.496	559.501	0.000	550.476	479.347	445.272	429.249	428.262	T(10)
A(11)	649.503	0.000	632.501	620.508	0.000	601.502	370.578	345.224	325.198	315.200	A(11)
V(12)	630.602	0.000	613.601	601.607	0.000	584.600	269.609	274.187	257.184	250.182	V(12)
R(13)	685.593	0.000	667.592	655.598	0.000	638.591	165.707	175.119	158.692	150.690	R(13)

sp | P70696 | H2B1A_MOUSE

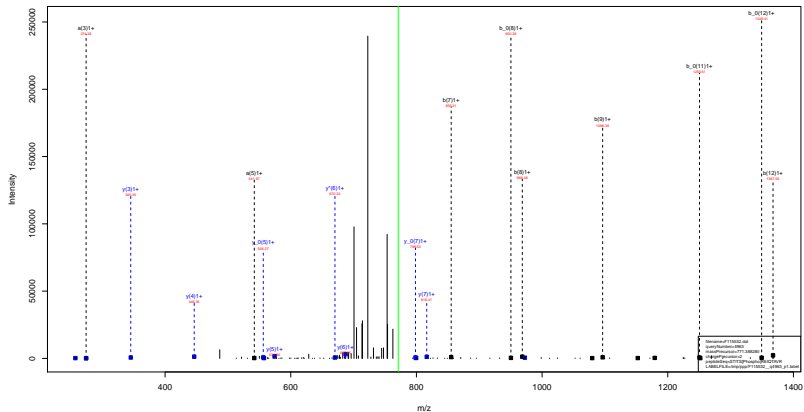
STITS (Phospho)
(79.97) REIQTAVR

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=45.35
- ▶ F115532.dat
- ▶ query=q4962_p1
- ▶ precursor=514.594230
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA	
S[1]	30.926	0.504	22.521	44.523	0.504	35.519	171.880	162.875	162.883	S[13]	
T[2]	31.420	0.504	22.044	45.047	0.504	36.042	172.872	173.212	173.898	T[12]	
T[3]	31.912	0.504	22.569	45.570	0.504	36.564	571.348	168.835	168.343	S[11]	
I[4]	32.404	0.504	179.131	202.113	0.504	193.139	620.806	612.203	611.801	I[10]	
S[5]	32.896	0.504	202.630	225.612	0.504	216.637	570.282	561.769	561.277	S[6]	
R[6]	33.388	0.504	240.660	263.645	0.504	254.661	466.783	470.210	471.718	R[6]	
E[7]	33.880	0.504	405.151	428.184	0.504	410.179	409.732	400.219	409.727	E[7]	
I[8]	470.729	0.519	461.723	484.726	476.213	475.721	344.211	335.698	335.206	I[8]	
Q[9]	33.878	0.504	326.205	326.179	0.504	548.755	540.242	530.750	287.669	278.664	Q[9]
T[10]	34.370	0.504	326.729	509.279	500.766	500.274	261.643	275.120	274.624	T[10]	
A[11]	620.800	612.287	611.795	624.798	626.284	625.792	171.322	164.803	0.504	A[11]	
V[12]	33.334	0.504	461.329	604.332	0.519	615.327	137.599	129.084	0.504	V[12]	
R[13]	34.332	0.504	759.350	762.353	0.519	763.347	68.563	70.550	0.504	R[13]	

sp | P70696 | H2B1A_MOUSE

STITS (Phospho)
(79.97) REIQTAVR



sp | P70696 | H2B1A_MOUSE

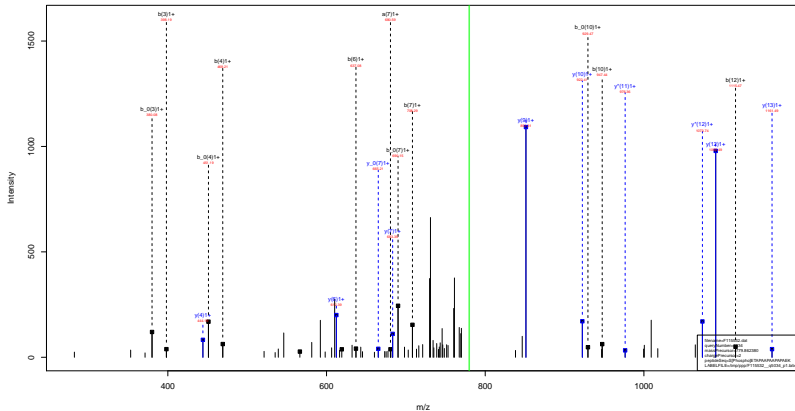
STITS (Phospho)
(79.97) REIQTAVR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=43.57
- ▶ F115532.dat
- ▶ query=q4963_p1
- ▶ precursor=771.388280
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
S(1)	661944	0.000	42.016	89.000	-0.000	70.000	1541.700	1524.742	1521.760	S(1)
T(2)	1011032	0.000	143.000	109.000	0.000	111.019	1604.730	1437.710	1436.720	T(2)
I(3)	274.176	0.000	298.000	282.771	0.000	284.000	1763.662	1739.660	1739.620	I(3)
H(4)	1161144	0.000	357.013	409.210	-0.000	369.000	1790.000	1623.070	1622.004	H(4)
S(5)	542.222	0.000	524.717	519.213	0.000	502.000	1139.000	1122.530	1121.540	S(5)
R(6)	1081211	681.200	680.111	700.000	700.200	700.000	672.564	665.550	664.540	R(6)
E(7)	819.700	819.700	809.200	855.361	855.341	837.000	816.457	790.431	790.447	E(7)
I(8)	1411400	1411.400	1401.410	1406.445	1401.410	150.434	147.415	147.380	146.404	I(8)
Q(9)	1008700	1008.700	1000.490	1096.503	1079.477	1079.490	1074.311	1057.304	1056.300	Q(9)
T(10)	1000000	1152.530	1151.940	1151.940	1151.940	1179.541	448.272	448.270	448.270	T(10)
A(11)	1040100	1040.100	1022.500	1040.500	1251.562	1250.570	145.224	145.190	145.190	A(11)
V(12)	1101000	1101.000	1100.000	1307.657	1307.010	1349.046	274.187	257.161	257.160	V(12)
R(13)	1400100	1400.100	1400.200	1400.200	1400.210	1400.210	175.100	175.000	175.000	R(13)

sp | P43274 | H14_MOUSE

S^{Phospho} ETAPAAPAAPAPAEK
79.97



sp | P43274 | H14_MOUSE

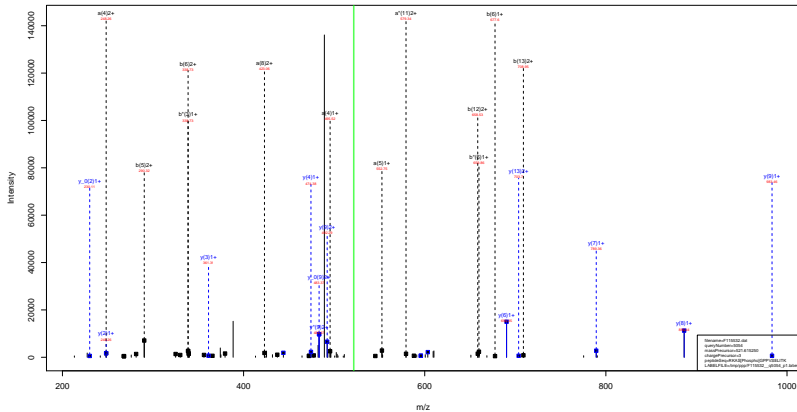
S^{Phospho} ETAPAAPAAPAPAEK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.30
- ▶ F115532.dat
- ▶ query=q5034.p1
- ▶ precursor=779.862380
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	x*	a ₀	b	b*	b ₀	γ	γ*	γ ₀	AA
S[1]	149.011	0.000	122.000	288.000	0.000	149.000	1550.712	1541.000	1540.000	S[10]
E[2]	269.051	0.000	201.043	287.043	0.000	270.012	1390.717	1374.000	1371.700	E[15]
T[3]	319.101	0.000	182.062	100.000	0.000	300.000	1320.819	1320.000	1304.000	T[14]
A[4]	341.130	0.000	425.130	669.133	0.000	451.122	1161.626	1144.000	1143.000	A[13]
P[5]	338.130	0.000	530.100	506.100	0.000	510.111	1090.589	1073.563	1072.579	P[12]
A[6]	308.100	0.000	509.100	837.223	0.000	810.213	980.530	976.510	959.500	A[11]
A[7]	688.265	0.000	562.265	700.260	0.000	680.249	922.490	900.470	900.000	A[10]
P[8]	377.210	0.000	730.200	800.210	0.000	807.200	851.462	838.430	833.000	P[9]
A[9]	364.200	0.000	830.200	810.200	0.000	810.200	780.400	780.000	780.000	A[8]
A[10]	319.200	0.000	900.200	947.107	0.000	920.376	683.372	665.362	660.000	A[7]
P[11]	1016.440	0.000	908.440	1004.440	0.000	1000.430	612.310	598.300	594.000	P[6]
A[12]	1007.450	0.000	1008.471	1115.477	0.000	1007.460	510.200	490.200	490.212	A[6]
T[13]	1184.930	0.000	1140.930	1115.930	0.000	1109.930	444.240	427.220	426.000	T[6]
A[14]	1200.910	0.000	1217.940	1263.960	0.000	1200.910	330.100	330.100	300.100	A[5]
E[15]	1184.914	0.000	1200.924	1412.920	0.000	1384.920	270.100	260.100	250.140	E[5]
K[26]	1012.100	1498.000	1494.000	1540.100	1002.010	1532.000	147.110	130.000	0.000	K[10]

sp | P15864 | H12_MOUSE

RKAS Phospho 79.97 GPPVSELITK



sp | P15864 | H12_MOUSE

RKAS^{Phospho} 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=61.89
- ▶ F115532.dat
- ▶ query=q5054.p1
- ▶ precursor=521.615250
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
R1	126.113	112.087	0.000	132.108	141.062	0.000	1262.305	1249.268	1244.266	R14
R2	257.208	240.152	0.000	265.207	268.177	0.000	1456.723	1439.705	1438.749	R13
A3	126.046	111.219	0.000	156.240	139.214	0.000	1279.634	1261.608	1260.624	A32
S4	495.244	478.217	477.233	523.239	506.212	005.226	1287.597	1190.570	1189.586	S43
G5	552.265	535.239	534.255	580.266	563.234	000.260	1300.569	1223.572	1222.588	G59
F6	149.110	132.230	051.100	177.313	160.387	059.312	601.577	566.551	565.567	F69
F7	146.071	129.244	128.100	174.369	157.339	056.303	886.528	859.500	858.514	F78
V8	493.239	476.213	475.229	522.239	505.212	005.224	781.472	722.445	721.461	V77
S9	352.071	335.045	334.061	380.055	363.028	042.026	690.401	573.373	572.387	S89
E00	136.014	124.437	1243.501	1399.509	1372.467	1371.439	603.371	586.343	585.361	E05
L11	117.458	112.071	116.587	1202.593	1185.566	1184.532	474.329	457.302	456.318	L16
T12	139.802	129.849	1298.811	1313.877	1306.869	1307.869	361.243	346.218	345.234	T18
I13	1388.730	1371.703	1370.712	1416.725	1399.698	1398.714	248.160	231.134	230.150	I19
K14	111.622	109.609	1096.610	1144.620	1127.593	1126.609	147.111	139.088	0.000	K12

sp | P15864 | H12_MOUSE

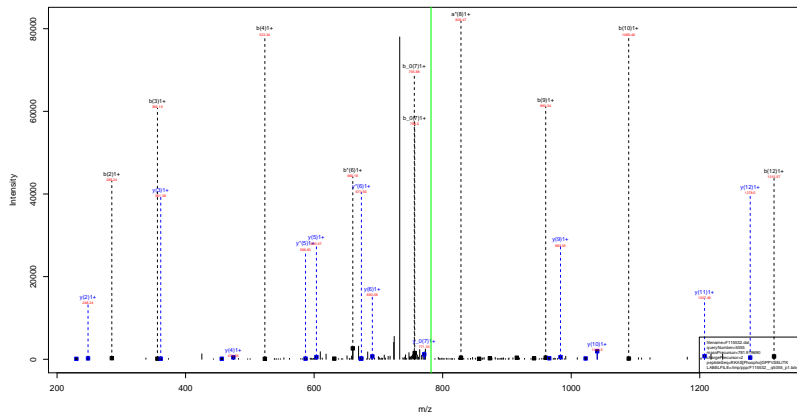
RKAS^{Phospho} 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=61.89
- ▶ F115532.dat
- ▶ query=q5054_p1
- ▶ precursor=521.615250
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
R[1]	85.859	86.541	0.500	76.028	76.245	0.500	161.017	173.488	17.2319	R[14]
R[2]	120.108	120.595	0.500	145.105	134.592	0.500	703.868	665.355	104.895	K[3]
A[3]	154.626	158.113	0.500	179.624	176.111	0.500	639.621	631.307	630.816	A[12]
S[4]	248.126	239.614	78.134	262.272	251.630	90.642	664.362	595.709	595.207	S[11]
G[5]	278.888	268.123	267.631	290.624	284.744	281.628	620.861	582.889	511.768	G[10]
P[6]	325.163	316.649	376.157	330.160	330.047	330.155	492.292	483.779	483.287	P[9]
P[7]	373.889	365.176	384.661	387.649	379.173	378.661	443.766	435.253	434.161	P[8]
V[8]	423.223	424.710	424.212	437.221	426.107	426.212	365.730	386.726	386.234	V[7]
S[9]	468.719	469.205	467.749	466.131	472.223	471.731	349.760	331.156	330.700	S[6]
E[10]	513.261	502.787	502.259	545.259	536.746	536.244	302.181	303.676	303.184	E[5]
L[11]	587.881	579.289	578.190	600.810	593.287	592.195	237.660	229.155	228.963	L[4]
I[12]	644.242	635.811	635.320	658.242	649.240	649.147	181.126	172.613	172.121	I[3]
T[13]	694.888	686.363	685.861	708.886	700.153	699.861	124.524	116.071	115.576	T[2]
R[14]	758.916	750.403	749.911	772.913	764.400	763.908	74.000	65.547	65.004	K[1]

sp | P15864 | H12_MOUSE

RKAS^{Phospho}_{79.97} GPPVSELITK



sp | P15864 | H12_MOUSE

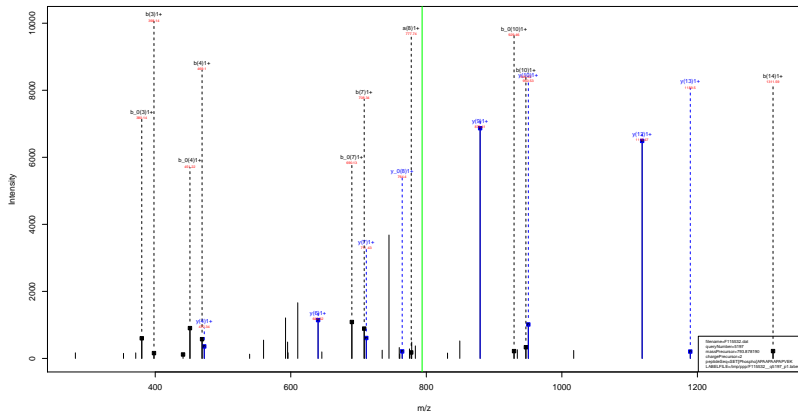
RKAS^{Phospho} 79.97 GPPVSELITK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.69
- ▶ F115532.dat
- ▶ query=q5055_p1
- ▶ precursor=781.919690
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R[1]	129.133	112.087	0.000	157.268	140.282	0.000	1502.830	1545.804	1544.803	R[14]
R[2]	257.268	209.170	0.000	295.203	258.314	0.000	1529.729	1538.783	1538.719	K[13]
A[3]	385.268	311.239	0.000	356.240	339.314	0.000	1278.634	1301.608	1300.634	A[12]
S[4]	513.268	438.237	0.000	523.239	506.312	0.000	1207.597	1190.570	1189.570	S[11]
G[5]	641.268	565.237	0.000	588.268	571.314	0.000	1048.599	1031.570	1032.588	G[10]
P[6]	769.268	692.242	631.308	677.313	660.287	0.000	983.577	966.551	965.567	P[9]
F[7]	897.268	820.413	789.244	798.268	781.312	0.000	758.355	741.329	740.329	F[8]
V[8]	1025.268	953.485	1012.428	973.434	956.408	0.000	689.412	712.442	713.461	V[7]
S[9]	1153.268	1086.465	1075.452	1096.509	1079.482	0.000	603.371	586.345	585.361	S[6]
E[10]	1281.268	1214.438	1243.501	1264.559	1247.482	0.000	474.329	497.362	496.318	E[4]
L[11]	1409.268	1342.412	1371.567	1392.599	1375.509	0.000	361.245	384.278	383.278	L[3]
I[12]	1537.268	1470.385	1500.631	1515.677	1498.585	0.000	292.214	315.248	314.248	I[2]
T[13]	1665.268	1598.358	1628.684	1649.716	1632.626	0.000	203.134	226.168	230.150	T[1]
K[14]	1793.268	1726.331	1756.654	1777.686	1760.596	0.000	147.110	170.144	0.000	K[1]

sp | P43277 | H13_MOUSE

SET (Phospho)
(79.97) APAAPAAPAPVEK



sp | P43277 | H13_MOUSE

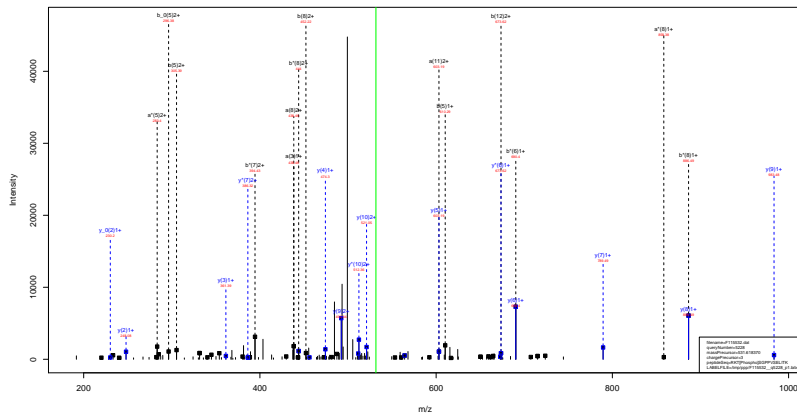
SET^(Phospho) APAAPAAPAPVEK
(79.97)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=54.50
- ▶ F115532.dat
- ▶ query=q5197_p1
- ▶ precursor=793.878190
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S1	60.044	0.000	43.074	66.074	0.000	202.000	1366.714	1366.714	1366.714	S101
E2	139.037	0.000	175.056	212.082	0.000	202.000	1469.714	1469.688	1461.704	E115
T3	218.030	0.000	254.050	304.094	0.000	306.083	1572.714	1582.640	1582.640	T14
A4	441.138	0.000	423.128	465.133	0.000	451.122	1189.628	1172.618	1171.647	A123
P5	520.131	0.000	520.189	566.189	0.000	548.189	1118.628	1101.594	1100.610	P112
A6	600.124	0.000	581.211	577.212	0.000	607.212	1048.544	1048.528	1048.528	A111
A7	680.117	0.000	662.253	708.260	0.000	690.249	950.531	933.525	932.537	A101
P8	777.318	0.000	758.301	808.311	0.000	807.301	879.493	862.484	861.491	P10
A9	846.311	0.000	830.344	878.353	0.000	875.344	782.474	782.454	764.431	A10
A10	915.304	0.000	900.384	947.397	0.000	929.376	711.464	698.454	698.454	A11
P11	1016.297	0.000	998.414	1047.441	0.000	1036.414	640.366	623.346	622.356	P10
A12	1087.292	0.000	1069.471	1115.477	0.000	1097.468	573.318	556.287	556.303	A10
P13	1188.285	0.000	1168.564	1219.530	0.000	1204.519	472.217	461.208	461.208	P10
V14	1263.278	0.000	1245.391	1311.508	0.000	1293.531	376.216	368.191	367.213	V10
E15	1412.264	0.000	1394.631	1446.643	0.000	1422.630	278.139	269.120	268.145	E11
K16	1540.241	0.000	1522.734	1588.739	0.000	1570.728	147.113	138.096	0.000	K11

sp | P43274 | H14_MOUSE

RKT^{Phospho}SGPPVSELITK
79.97



sp | P43274 | H14_MOUSE

RKT^{Phospho} SGPPVSELITK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=47.81
- ▶ F115532.dat
- ▶ query=q5228_p1
- ▶ precursor=531.618370
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,d	b	b'	b,d	y	y'	y,d	AA
R1	126.113	117.087	0.926	113.208	140.084	0.276	1597.495	1519.618	1214.856	R14
R2	257.208	246.182	0.026	285.203	258.177	0.030	1456.745	1419.715	1418.729	R13
T3	438.222	431.196	430.212	466.217	440.181	446.207	1368.645	1301.618	1290.634	T12
S4	525.254	508.238	507.249	551.249	536.223	537.237	1127.651	1110.604	1109.620	S11
T5	632.276	625.250	564.265	618.271	603.244	592.260	1090.599	1022.572	1022.588	T619
F6	676.290	669.264	661.318	707.324	696.297	689.273	601.577	566.551	565.567	F16
F7	776.303	769.277	768.131	804.319	787.293	789.305	886.524	859.498	858.514	F18
V8	876.316	858.423	847.429	902.445	886.418	885.414	781.472	772.445	771.460	V17
S9	952.332	945.306	944.471	995.477	974.502	972.508	690.401	671.377	672.393	S20
E10	1361.624	1354.608	1353.514	1119.519	1102.493	1101.509	601.371	588.345	588.361	E15
L11	1354.609	1347.592	1346.506	1232.603	1215.577	1214.593	487.302	474.329	456.318	L16
T12	1317.609	1310.609	1309.605	1149.608	1132.606	1131.607	361.245	348.219	347.219	T18
T13	1318.740	1401.714	1480.732	1448.735	1420.709	1426.725	248.100	231.134	230.150	T19
R14	1446.610	1439.609	1438.626	1174.630	1157.604	1156.609	147.111	130.088	0.000	R12

sp | P43274 | H14_MOUSE

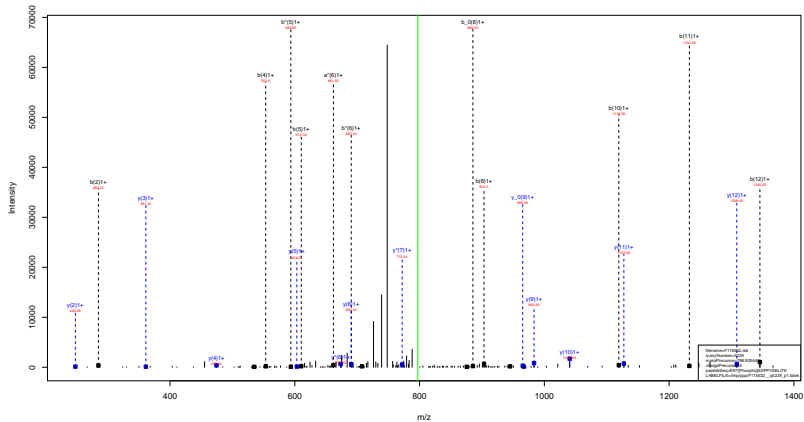
RKT^{Phospho} SGPPVSELITK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=47.81
- ▶ F115532.dat
- ▶ query=q5228_p1
- ▶ precursor=531.618370
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a.D	b	b*	b.D	y	y*	y.D	AA
R[1]	85.809	85.811	85.809	78.028	78.045	0.504	195.821	195.811	195.819	R[14]
R[2]	126.108	126.105	0.504	143.105	134.592	0.504	318.873	318.960	100.898	K[3]
T[3]	219.615	211.100	220.610	233.612	225.609	228.607	654.626	646.313	645.621	T[12]
S[4]	261.131	254.614	254.124	277.125	269.615	269.124	364.319	355.609	355.618	S[11]
G[5]	291.894	283.138	282.630	305.630	297.708	296.634	523.881	512.290	511.700	G[10]
P[6]	340.168	331.655	331.163	354.165	345.652	345.160	492.292	483.779	483.287	P[9]
P[7]	388.694	380.181	379.680	402.680	394.179	393.687	443.766	435.253	434.761	P[8]
V[8]	438.220	429.715	429.223	452.226	443.713	443.221	395.732	386.726	386.234	V[7]
S[9]	481.745	473.233	472.739	484.744	487.239	486.747	349.700	331.186	330.690	S[6]
E[10]	516.766	507.254	507.254	566.263	557.754	557.260	402.180	393.676	393.184	E[9]
L[11]	602.808	594.295	594.295	616.805	608.292	607.800	237.680	229.165	228.673	L[8]
I[12]	659.350	650.837	650.345	673.347	664.834	664.342	181.129	172.613	172.121	I[5]
T[13]	699.874	691.361	690.869	723.871	715.358	714.866	124.580	116.071	115.579	T[10]
R[14]	773.921	765.408	764.916	787.919	779.406	778.913	14.000	65.547	0.504	K[1]

sp | P43274 | H14_MOUSE

RKT^{Phospho}SGPPVSELITK
79.97



sp | P43274 | H14_MOUSE

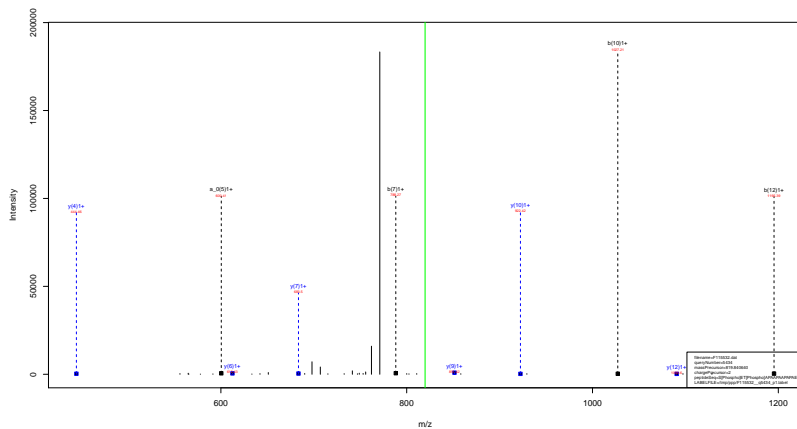
RKT^{Phospho} SGPPVSELITK
79.97

- ▶ fragmentation table for charge state 1+
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- ▶ score=55.96
- ▶ F115532.dat
- ▶ query=q5229_p1
- ▶ precursor=796.925440
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
R1	150-151	112-100	40-000	152-100	140-000	0-000	1302-040	1510-014	1514-000	R14
R2	297-308	293-181	0-000	285-203	286-177	0-000	1479-040	1470-114	1478-000	R13
T1	436-222	431-139	430-211	460-221	446-139	0-000	1308-040	1300-014	1308-000	T12
S4	525-254	508-250	509-244	551-249	550-223	0-000	535-238	1127-031	1110-000	S11
G1	582-278	581-269	580-260	618-273	593-264	0-000	1040-209	1030-000	1030-000	G10
F1	676-229	642-302	643-310	707-324	690-297	0-000	681-317	966-551	965-567	F10
F1	676-229	681-291	680-282	708-271	699-254	0-000	681-291	680-282	680-274	F10
V1	875-450	874-441	873-432	963-443	962-416	0-000	885-434	874-425	712-446	V10
S1	882-241	845-425	846-417	886-411	875-402	0-000	690-403	675-377	674-368	S10
E10	1001-224	1004-400	1003-314	1119-519	1102-400	1101-314	601-371	600-381	600-361	E10
L11	1204-209	1207-000	1206-000	1232-003	1231-077	1230-000	474-320	467-302	456-318	L10
T13	1317-000	1320-000	1319-000	1345-000	1344-000	1343-000	301-293	300-293	300-293	T10
T13	1318-100	1430-114	1430-230	1440-230	1420-100	1420-230	240-100	230-134	230-150	T10
R14	1540-010	1540-000	1540-000	1574-000	1567-000	1566-000	157-010	150-000	0-000	R11

sp | P43274 | H14_MOUSE

S^{Phospho} ET^{Phospho} APAAPAAPAPAEK
79.97 79.97



sp | P43274 | H14_MOUSE

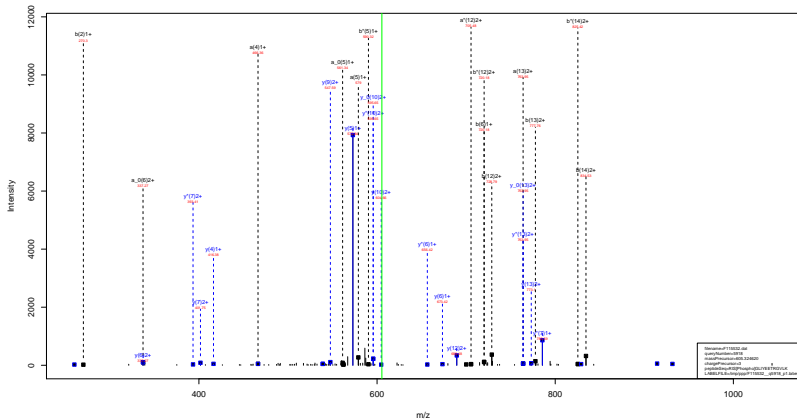
S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPAPAEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=32.59
- ▶ F115532.dat
- ▶ query=q5434.p1
- ▶ precursor=819.840640
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
S	190.011	0.000	122.000	168.000	0.000	199.999	168.000	122.000	190.011	S(2)
E	209.051	0.000	201.041	207.040	0.000	278.038	247.030	1454.050	1461.042	E(1)
S	224.020	0.000	472.021	473.021	0.000	469.999	129.740	1329.020	1324.030	T(4)
A	321.354	0.000	549.354	549.354	0.000	511.000	1161.320	1164.000	1141.610	A(1)
P	513.157	0.000	608.147	646.151	0.000	628.142	1090.580	1073.580	1072.570	P(1)
A	609.314	0.000	591.304	717.309	0.000	609.312	691.310	1019.300	1020.300	A(1)
A	700.210	0.000	742.211	768.226	0.000	770.210	922.490	905.470	904.480	A(1)
P	801.014	0.000	839.014	839.014	0.000	807.000	851.492	834.490	833.492	P(2)
A	894.014	0.000	846.014	896.014	0.000	873.014	74.970	121.960	120.960	A(8)
A	999.210	0.000	983.210	1027.303	0.000	1029.210	1011.372	995.210	992.302	A(7)
P	1096.411	0.000	1078.411	1114.406	0.000	1106.410	612.335	598.330	594.320	P(6)
A	1107.440	0.000	1148.430	1195.443	0.000	1177.433	53.230	488.250	487.212	A(5)
T	1204.400	0.000	1249.400	1259.400	0.000	1214.400	444.283	427.210	426.200	T(6)
A	1319.530	0.000	1317.530	1363.531	0.000	1345.530	381.130	339.160	338.162	A(3)
E	1384.030	0.000	1446.030	1482.030	0.000	1474.030	278.130	259.120	258.140	E(2)
R	1512.010	1078.940	1514.000	1620.011	1031.064	1602.000	147.110	130.000	0.000	R(2)

sp | P62806 | H4_MOUSE

RIS^{Phospho} GLIYEETRGVLK
79.97



sp | P62806 | H4_MOUSE

RIS Phospho 79.97 GLIYEETRGVLK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.45
- ▶ F115532.dat
- ▶ query=q5918.p1
- ▶ precursor=605.324620
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a-b	b	b'	b-b'	y	y'	y-b	AA
R	126	112	0.000	167	168	0.000	1613	1705	892	R
I	242	228	0.000	278	182	90	1657	1668	104	I
S	358	344	0.000	394	395	0.000	1644	1736	92	S
G	466	217	249	408	221	187	1636	1730	106	G
L	578	301	278	541	291	250	1589	1681	108	L
I	694	680	0.000	710	711	0.000	1576	1668	92	I
V	810	796	0.000	826	827	0.000	1563	1655	92	V
E	926	912	0.000	942	943	0.000	1550	1642	92	E
E	1042	1028	0.000	1058	1059	0.000	1537	1629	92	E
I	1158	1144	0.000	1174	1175	0.000	1524	1616	92	I
I	1274	1260	0.000	1290	1291	0.000	1511	1603	92	I
R	1390	1376	0.000	1406	1407	0.000	1498	1590	92	R
G	1506	1492	0.000	1522	1523	0.000	1485	1577	92	G
V	1622	1608	0.000	1638	1639	0.000	1472	1564	92	V
L	1738	1724	0.000	1754	1755	0.000	1459	1551	92	L
V	1854	1840	0.000	1870	1871	0.000	1446	1538	92	V
L	1970	1956	0.000	1986	1987	0.000	1433	1525	92	L
R	2086	2072	0.000	2102	2103	0.000	1420	1512	92	R

sp | P62806 | H4_MOUSE

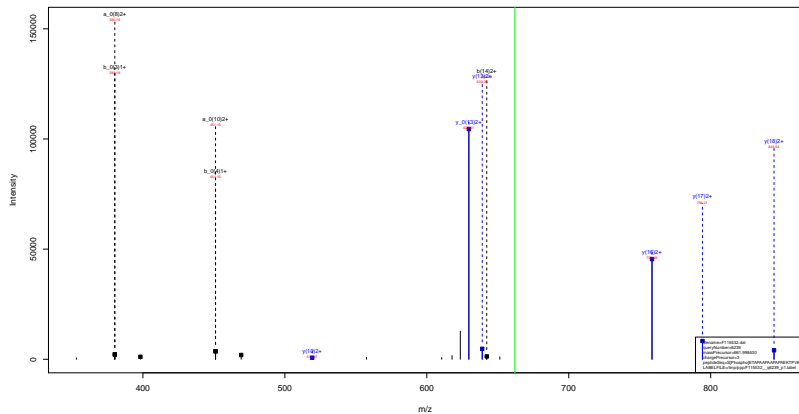
RIS^{Phospho} 79.97 GLIYEETRGVLK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=37.45
- ▶ F115532.dat
- ▶ query=q5918_p1
- ▶ precursor=605.324620
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	γ	γ*	γ,Δ	AA
R[1]	85.890	86.549	0.509	19.058	19.845	0.509	997.482	998.984	998.477	R[15]
T[2]	11.1402	11.5109	0.507	1.35440	1.27387	0.507	829.432	829.979	829.542	T[14]
S[3]	276.104	285.584	4.860	218.999	216.586	0.507	772.890	764.376	763.884	S[13]
G[4]	223.812	225.009	224.907	297.810	239.097	238.824	685.390	685.371	685.355	G[12]
L[5]	260.454	261.641	261.149	304.152	266.839	266.147	660.880	662.386	661.874	L[11]
I[6]	146.056	138.113	337.691	360.694	252.181	351.609	604.338	595.824	595.332	I[10]
V[7]	438.808	439.813	439.242	442.228	438.112	438.203	541.706	539.282	538.790	V[9]
E[8]	292.949	294.226	293.143	505.147	308.234	307.782	486.254	486.183	486.159	E[8]
E[9]	357.872	348.107	348.265	571.268	362.750	562.263	401.743	393.229	392.737	E[9]
T[10]	607.194	595.201	595.193	603.703	613.278	612.787	337.221	338.708	338.216	T[10]
R[11]	685.808	677.913	678.949	690.843	690.319	690.817	266.983	268.184	0.304	R[11]
G[12]	714.098	705.842	705.350	728.353	719.840	719.580	258.847	260.134	0.504	G[12]
V[13]	763.890	759.377	758.685	777.887	766.874	768.882	180.130	171.823	0.504	V[13]
L[14]	820.432	811.819	811.427	834.429	825.916	825.424	130.602	122.089	0.504	L[14]
R[15]	884.419	875.588	876.412	886.471	878.954	879.412	74.680	66.941	0.504	R[15]

sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPAEKTPVK



sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=32.95
- ▶ F115532.dat
- ▶ query=q6239_p1
- ▶ precursor=661.998400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a 2	b	b'	b 2	x	x'	x 2	AA
E[1]	140.014	0.000	129.000	100.000	0.000	160.000	1001.371	1000.974	1005.000	S[20]
E[2]	200.053	0.000	201.043	207.043	0.000	279.039	1016.930	1109.954	1108.970	E[19]
T[3]	170.011	0.000	192.000	196.000	0.000	300.005	1007.430	1010.011	1008.017	T[18]
K[4]	441.138	0.000	431.132	460.133	0.000	451.132	2500.000	1559.004	1500.000	A[17]
P[5]	636.191	0.000	630.180	600.180	0.000	636.174	1010.011	1009.025	1007.042	P[16]
A[6]	840.250	0.000	840.211	817.211	0.000	818.213	1010.000	1010.774	1005.900	A[15]
A[7]	880.265	0.000	882.265	708.265	0.000	800.269	1147.741	1130.719	1129.753	A[14]
T[8]	777.018	0.000	700.000	600.000	0.000	607.000	1010.000	1009.000	1008.015	T[13]
A[9]	846.265	0.000	830.244	805.244	0.000	808.239	1110.011	1101.041	1101.063	A[12]
A[10]	870.262	0.000	861.260	849.260	0.000	803.265	1100.000	1099.000	1098.010	A[11]
P[11]	1030.464	0.000	980.436	1044.440	0.000	1020.450	1017.000	1014.572	1014.000	P[10]
A[12]	1007.462	0.000	1000.471	1115.477	0.000	1007.460	890.500	905.500	902.500	A[9]
P[15]	1104.630	0.000	1106.624	1312.630	0.000	1104.610	890.500	804.481	801.400	P[8]
A[14]	1235.672	0.000	1237.661	1203.667	0.000	1205.656	772.450	750.430	754.446	A[7]
E[19]	1336.614	0.000	1306.600	1412.609	0.000	1304.600	701.430	688.393	685.000	E[8]
R[10]	1512.700	1490.483	1494.690	1540.704	1523.078	1522.094	572.371	505.300	504.300	R[5]
T[17]	1011.071	1000.721	1000.740	1041.762	1024.720	1021.761	640.000	627.000	626.011	T[6]
P[18]	1740.610	1603.743	1602.750	1730.605	1721.710	1720.704	543.254	500.000	0.000	P[3]
V[16]	1200.078	1202.062	1210.060	1311.074	1201.064	1210.061	400.100	200.100	0.000	V[5]
R[20]	1337.074	1020.047	1010.040	1305.040	1340.041	1347.038	147.113	130.000	0.000	R[1]

sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=32.95
- ▶ F115532.dat
- ▶ query=q6239_p1
- ▶ precursor=661.998400
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,δ	b	b*	b,δ	y	y*	y,δ	AA	
S	10.509	0.509	61.509	84.509	0.504	75.501	992.493	883.880	883.488	S(2)	
E	11.5130	0.504	116.025	149.028	0.504	140.023	225.225	160.041	899.989	E(19)	
T	139.954	0.504	218.549	399.552	0.504	380.548	844.473	1176.959	128.487	T(18)	
A	221.973	0.504	212.961	235.970	0.504	238.965	793.949	198.435	194.943	A(17)	
F	269.989	0.504	269.991	281.997	0.504	274.991	758.430	149.917	149.425	F(16)	
A	305.118	0.504	296.117	319.115	0.504	310.110	799.984	701.940	700.993	A(15)	
A	341.836	0.504	311.833	354.838	0.504	350.828	818.985	695.972	696.980	A(14)	
F	389.153	0.504	385.157	401.162	0.504	406.155	638.867	830.353	629.861	F(13)	
A	424.681	0.504	415.676	438.679	0.504	439.671	599.340	591.827	591.335	A(12)	
A	460.200	0.504	451.194	474.199	0.504	486.192	354.827	346.308	345.816	A(11)	
F	508.726	0.504	489.722	522.724	0.504	513.718	519.303	510.790	510.298	F(10)	
A	544.245	0.504	535.239	558.242	0.504	549.237	414.717	402.203	401.711	A(9)	
F	589.771	0.504	583.766	608.768	0.504	597.761	435.258	426.745	426.253	F(8)	
A	626.290	0.504	619.284	642.287	0.504	633.282	388.732	378.219	377.727	A(7)	
E	662.811	0.504	663.806	708.808	0.504	697.803	351.213	342.700	342.208	E(6)	
T	708.338	0.504	744.340	746.342	0.504	761.335	288.664	278.159	277.668	T(5)	
T	807.392	0.504	798.377	821.380	0.504	812.366	812.374	222.644	214.131	213.639	T(4)
F	855.909	0.504	848.901	869.906	0.504	860.901	172.121	163.607	0.504	F(3)	
V	895.443	0.504	896.437	919.440	0.504	910.435	123.594	115.081	0.504	V(2)	
K	939.480	0.504	940.474	963.480	0.504	954.474	14.080	0.504	0.504	K(1)	

sp | P43274 | H14_MOUSE

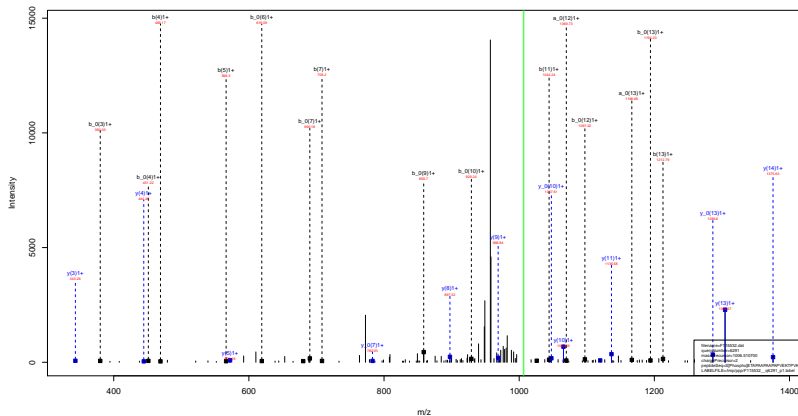
S^{Phospho}_{79.97} ETAPAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=57.58
- ▶ F115532.dat
- ▶ query=q6240_p1
- ▶ precursor=992.494480
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b'	AA
S	1401.811	0.000	142.088	1168.088	0.000	149.776	1481.211	1339.924	1302.068	S(20)
E	209.053	0.000	225.043	2267.043	0.000	279.030	1815.950	1795.954	1768.910	E(19)
I	570.531	0.000	332.099	1466.099	0.000	380.685	1487.430	1470.011	1466.927	I(18)
A	641.130	0.000	415.124	498.112	0.000	451.122	1356.785	1356.864	1356.880	A(17)
P	538.130	0.000	720.182	366.186	0.000	741.112	1515.851	1498.826	1487.852	P(16)
A	309.238	0.000	585.211	627.102	0.000	659.211	1418.858	1401.736	1400.780	A(15)
A	380.285	0.000	705.253	1168.260	0.000	660.249	1347.761	1333.737	1329.713	A(14)
T	177.033	0.000	735.307	1066.312	0.000	767.305	1376.728	1359.688	1356.715	T(13)
A	346.330	0.000	675.348	676.360	0.000	808.330	1118.671	1182.647	1161.603	A(12)
A	919.392	0.000	939.392	847.387	0.000	628.130	1168.636	1091.610	1076.626	A(11)
F	1039.441	0.000	1046.434	1044.444	0.000	1029.420	1037.599	1030.572	1019.548	F(10)
A	1207.462	0.000	1059.471	1115.497	0.000	1057.450	964.414	962.520	962.508	A(9)
P	1184.510	0.000	1188.524	1212.530	0.000	1184.510	864.509	863.481	861.456	P(8)
A	1295.572	0.000	1217.581	1268.587	0.000	1285.550	772.450	755.430	754.446	A(7)
E	1384.614	0.000	1359.624	1412.630	0.000	1354.590	661.430	664.393	661.400	E(6)
R	1312.308	1485.553	1434.269	1540.104	1521.519	1522.094	372.377	595.300	594.366	R(5)
I	1311.337	1526.731	1526.147	1641.762	1624.726	1621.740	444.282	427.250	426.271	I(4)
P	1121.810	1687.743	1686.789	1748.808	1732.771	1727.784	343.234	326.207	325.227	P(3)
V	1309.816	1782.351	1774.803	1837.813	1821.814	1818.801	265.110	249.150	248.167	V(2)
K	1037.812	1820.847	1819.861	1880.868	1864.864	1847.858	147.110	133.088	133.001	K(1)

sp | P43277 | H13_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPVEKTPVK



sp | P43277 | H13_MOUSE

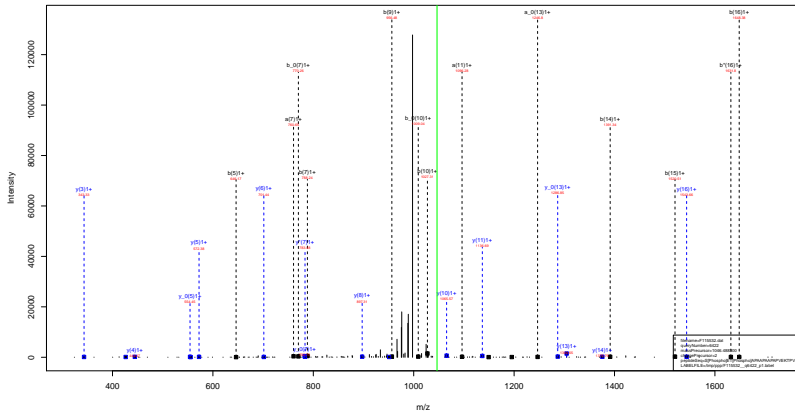
S^{Phospho}_{79.97} ETAPAAPAAPAPVEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=43.32
- ▶ F115532.dat
- ▶ query=q6291_p1
- ▶ precursor=1006.510700
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a,Δ	b	b'	b,Δ	y	y'	y,Δ	AA
S1	140.011	0.000	122.008	148.006	0.000	149.997	202.022	1994.981	1993.999	S20
T2	300.003	0.000	282.042	297.046	0.000	279.029	1846.029	1827.026	1827.001	T19
T13	370.101	0.000	352.060	366.060	0.000	360.085	1716.061	1698.043	1699.068	T18
A4	441.138	0.000	424.118	438.133	0.000	431.122	1614.021	1597.009	1598.011	A17
T15	478.103	0.000	459.165	474.186	0.000	467.181	1544.004	1526.004	1526.004	T16
A6	509.200	0.000	492.211	506.211	0.000	519.212	1446.031	1428.025	1428.011	A15
A7	680.205	0.000	662.253	706.260	0.000	690.249	1375.790	1359.789	1359.789	A14
T16	777.113	0.000	759.201	784.213	0.000	787.207	1204.737	1189.733	1190.747	T17
A9	866.200	0.000	839.244	874.260	0.000	858.239	1127.610	1109.610	1109.604	A12
A10	1017.202	0.000	990.261	1045.267	0.000	1026.270	1136.667	1119.643	1119.657	A11
T11	1107.474	0.000	1081.420	1104.440	0.000	1126.423	1065.539	1048.524	1047.520	T10
A12	1207.462	0.000	1186.471	1211.477	0.000	1207.466	966.578	951.553	951.567	A10
T13	1304.539	0.000	1284.524	1292.530	0.000	1304.519	897.540	882.514	882.519	T12
V14	1403.603	0.000	1380.562	1411.580	0.000	1403.567	801.489	782.462	782.477	V17
V15	1414.608	0.000	1389.620	1440.641	0.000	1402.610	793.411	769.381	769.384	V16
K10	1561.101	1423.711	1524.710	1568.726	1561.109	1561.711	572.377	558.351	554.366	K15
T17	1641.200	1624.782	1623.778	1669.783	1663.774	1663.771	444.282	427.253	426.271	T14
F18	1730.401	1723.829	1720.831	1766.836	1760.830	1760.827	343.234	326.211	326.211	F19
V19	1837.600	1827.881	1819.880	1865.884	1858.878	1858.874	248.111	238.111	238.111	V12
K20	1880.100	1846.571	1847.564	1891.569	1885.564	1885.560	147.111	130.080	130.081	K11

sp | P43277 | H13_MOUSE

S^{Phospho} ET^{Phospho} APAAPAAPAPVEKTPVK
79.97 79.97



sp | P43277 | H13_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAAPAAPVEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=42.07
- ▶ F115532.dat
- ▶ query=q6422.p1
- ▶ precursor=1046.488300
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S	1401611	0.000	142.000	188.000	0.000	149.000	1001.000	1014.000	1017.000	S20
T	1001000	0.000	100.000	100.000	0.000	100.000	1004.000	1000.000	1000.000	T10
T	1001000	0.000	430.000	410.000	0.000	400.000	1000.000	1000.000	1000.000	T10
A	1001000	0.000	500.000	500.000	0.000	500.000	1014.000	1000.000	1000.000	A10
P	1001000	0.000	1000.000	140.153	0.000	1000.000	1543.000	1000.000	1000.000	P10
A	1001000	0.000	871.000	771.000	0.000	800.000	1400.000	1420.000	1430.000	A10
A	7	780.231	0.000	142.230	780.230	0.000	770.216	1375.794	1350.750	A14
P	1001000	0.000	1000.000	1000.000	0.000	1000.000	1300.750	1000.000	1200.747	P10
A	1001000	0.000	930.000	900.310	0.000	900.000	1000.000	1000.000	1000.000	A10
A	1001000	0.000	1000.000	1027.353	0.000	1000.343	1130.007	1100.000	1100.000	A10
P	1000.411	0.000	1000.000	1000.000	0.000	1000.000	1000.000	1000.000	1000.000	P10
A	1155320	0.000	1140.430	1195.443	0.000	1177.433	1000.000	951.551	900.000	A10
P	1000.000	0.000	1240.400	1200.400	0.000	1274.400	807.500	800.000	800.000	P10
V	1001000	0.000	1000.000	1391.560	0.000	1373.564	1000.000	783.401	782.477	V10
P	1001000	0.000	1000.000	1520.607	0.000	1502.600	701.410	600.000	600.000	P10
K	1001000	0.000	1000.000	1848.702	1831.675	0.000	1831.660	572.377	555.350	K10
T	1001000	0.000	1000.000	1000.000	0.000	1000.000	1000.000	1000.000	1000.000	T10
P	1001000	0.000	1000.000	1000.000	0.000	1000.000	543.234	500.000	400.271	P10
V	1001000	0.000	1000.000	1000.000	0.000	1000.000	1000.000	1000.000	1000.000	V10
K	1001000	0.000	1000.000	1000.000	0.000	1000.000	1000.000	1000.000	1000.000	K10

sp | P43276 | H15_MOUSE

S^{Phospho} 79.97 ET^{Phospho} 79.97 APAETAAPAPVEKSPAK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=31.26
- ▶ F115532.dat
- ▶ query=q6458.p1
- ▶ precursor=1056.463800
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S	1401.611	0.000	122.090	188.000	0.000	149.100	2111.930	2094.901	2081.919	S20
E	392.953	0.000	750.243	757.400	0.000	176.810	1484.731	1527.620	1532.911	K16
T	404.107	0.000	432.071	416.000	0.000	480.100	1332.000	1378.862	1372.070	T18
A	621.104	0.000	583.000	549.099	0.000	551.000	1334.871	1317.880	1312.804	A17
P	616.834	0.000	608.124	608.124	0.000	608.124	1333.931	1348.911	1348.911	P16
A	689.134	0.000	671.104	711.100	0.000	689.130	1446.700	1448.700	1448.714	A15
E	618.212	0.000	680.120	646.232	0.000	678.221	1395.740	1370.721	1372.720	E14
T	612.000	0.000	601.210	581.200	0.000	612.000	1366.700	1348.000	1348.000	T13
A	990.322	0.000	872.311	1035.311	0.000	1035.310	1416.650	1448.651	1441.641	A12
A	1071.594	0.000	1043.340	1089.354	0.000	1071.593	1094.620	1077.594	1076.610	A11
P	1158.412	0.000	1141.461	1141.461	0.000	1158.410	1023.583	1026.581	1026.581	P10
A	1229.440	0.000	1211.430	1257.444	0.000	1258.433	826.510	829.524	829.524	A09
P	1249.501	0.000	1198.490	1304.490	0.000	1198.490	853.493	838.491	837.483	P08
V	1424.010	0.000	1407.000	1413.000	0.000	1431.004	754.441	741.414	740.410	V07
E	1514.512	0.000	1512.462	1582.407	0.000	1554.512	653.372	642.365	641.362	E06
K	1682.707	1085.681	1684.681	1710.702	1681.610	1682.610	530.130	513.303	512.319	K05
S	1759.740	1362.713	1742.740	1747.740	1689.740	1759.740	402.235	388.200	384.234	S04
P	1806.724	1429.710	1804.720	1804.710	1817.710	1819.710	315.203	300.110	300.110	P03
A	1837.830	1830.810	1830.810	1830.824	1846.830	1847.814	740.110	740.110	740.110	A02
K	2095.624	2096.600	2047.614	2093.610	2076.603	2076.600	147.111	130.090	0.000	K01

sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.60
- ▶ F115532.dat
- ▶ query=q6464.p1
- ▶ precursor=704.696680
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	x ₀	b	b'	b ₀	y	y'	r ₀	AA
S	140.031	0.000	122.000	169.000	0.000	149.000	212.070	2006.041	2004.061	S20
E	139.053	0.000	251.041	220.000	0.000	210.000	3045.001	3320.040	3327.000	E20
T	139.011	0.000	180.000	704.000	0.000	201.000	3338.001	3799.000	3786.022	T10
A	141.136	0.000	423.120	468.133	0.000	451.122	3174.900	3207.900	3206.974	A20
P	130.031	0.000	130.100	366.100	0.000	369.100	3643.040	3208.920	3225.937	P12
A	169.220	0.000	580.217	837.213	0.000	610.212	3580.800	3529.800	3528.880	A16
A	169.200	0.000	600.200	700.200	0.000	600.200	3476.000	3450.010	3451.011	A15
P	177.318	0.000	750.303	805.313	0.000	767.303	3404.820	3367.704	3368.510	P14
A	168.352	0.000	830.340	870.320	0.000	858.339	3307.700	3250.742	3260.710	A13
A	159.000	0.000	800.000	941.000	0.000	800.000	3230.010	3278.000	3278.000	A12
P	1510.940	0.000	980.450	1044.940	0.000	1020.420	3100.000	3148.000	3147.000	P11
A	1007.800	0.000	1000.471	1115.471	0.000	1007.400	3068.640	3051.610	3050.610	A10
P	1184.530	0.000	1180.524	1212.530	0.000	1184.510	297.600	298.570	297.600	P10
A	1255.872	0.000	1237.861	1290.861	0.000	1255.860	290.900	289.920	289.941	A8
E	1184.814	0.000	1180.800	1412.800	0.000	1184.790	820.514	812.480	811.504	E7
K	1112.700	1400.000	1108.690	1240.700	1261.710	1107.610	701.470	703.440	702.461	K6
L	1112.617	1400.000	1108.600	1240.700	1261.710	1107.520	701.410	703.380	702.400	L6
P	1110.810	1000.000	1000.790	1120.810	1120.790	1110.790	471.320	454.300	453.320	P4
V	1000.870	1100.000	1100.860	1101.870	1100.870	1000.870	374.270	367.250	367.250	V3
K	1017.073	1020.000	1010.060	1065.060	1048.042	1017.050	270.200	268.181	268.000	K2
K	1016.058	1040.000	1040.000	1040.000	1017.010	1016.010	147.110	430.000	430.000	K1

sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPAEEKTPVKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=39.60
- ▶ F115532.dat
- ▶ query=q6464_p1
- ▶ precursor=704.696680
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a.0	b	b'	b.0	y	y'	y.0	AA
S[1]	86.869	0.504	81.559	84.569	0.504	79.570	309.540	1040.070	1047.530	S[20]
E[2]	11.35.700	0.504	120.050	144.020	0.504	140.020	971.240	964.720	1047.030	E[20]
T[3]	110.854	0.504	120.740	109.760	0.504	100.540	981.230	989.700	1046.510	T[10]
A[4]	211.073	0.504	212.050	235.070	0.504	225.050	857.090	848.480	1046.990	A[20]
P[5]	200.869	0.504	200.590	203.590	0.504	204.590	822.470	813.964	813.472	P[17]
A[6]	200.110	0.504	200.112	204.112	0.504	203.110	711.100	705.430	1047.040	A[16]
A[7]	180.700	0.504	171.010	184.010	0.504	181.000	710.410	729.010	729.010	A[15]
P[8]	180.101	0.504	180.157	183.160	0.504	184.150	694.401	693.309	693.309	P[14]
A[9]	174.081	0.504	174.081	178.081	0.504	179.070	629.070	629.070	1046.300	A[13]
A[10]	160.000	0.504	161.194	174.190	0.504	165.190	611.860	610.150	609.364	A[12]
P[11]	150.720	0.504	140.720	152.720	0.504	151.710	581.351	584.830	1046.780	P[11]
A[12]	144.040	0.504	130.700	144.700	0.504	140.217	538.024	538.111	1021.010	A[10]
P[13]	132.771	0.504	131.766	136.760	0.504	137.760	490.300	490.792	490.300	P[10]
A[14]	120.200	0.504	111.204	124.200	0.504	113.200	451.719	442.200	441.714	A[8]
E[15]	100.011	0.504	90.010	100.010	0.504	101.010	415.200	408.741	408.250	E[7]
K[16]	700.000	1.008	147.000	170.000	1.008	161.000	362.730	342.230	141.734	K[6]
T[17]	607.000	1.008	140.000	141.000	1.008	142.000	300.000	278.719	141.000	T[8]
P[18]	350.000	1.008	140.000	140.000	1.008	140.000	230.100	227.000	1.008	P[4]
V[19]	100.441	0.504	100.441	101.441	0.504	101.441	187.042	178.110	0.504	V[5]
K[20]	100.400	0.504	100.400	101.400	0.504	101.400	130.100	120.000	0.504	K[5]
K[21]	100.000	0.504	100.000	101.000	0.504	101.000	74.000	60.000	0.504	K[3]

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKK_{79.97}

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=65.73
- ▶ F115532.dat
- ▶ query=q6532_p1
- ▶ precursor=720.691810
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S(1)	80.844	0.000	42.039	89.070	0.000	70.000	2030.050	2043.010	2143.040	S(2)
E(1)	118.187	0.000	121.050	717.082	0.000	200.000	2073.020	2096.000	2203.010	E(2)
T(1)	109.136	0.000	203.120	718.130	0.000	206.110	1984.990	1998.990	2020.010	T(2)
A(1)	201.512	0.000	343.181	385.167	0.000	371.150	1852.930	1875.930	1924.920	A(2)
P(1)	436.470	0.000	440.734	466.710	0.000	460.200	1771.890	1758.870	1793.890	P(2)
A(0)	626.262	0.000	641.951	587.263	0.000	637.260	1674.840	1687.820	1698.830	A(1)
E(1)	438.304	0.000	640.260	686.260	0.000	668.200	1553.820	1538.720	1585.700	E(2)
T(0)	736.352	0.000	741.581	787.347	0.000	769.330	1474.720	1457.740	1466.730	T(1)
A(0)	830.380	0.000	827.150	858.304	0.000	882.320	1371.720	1356.620	1365.700	A(1)
A(0)	902.426	0.000	881.430	929.420	0.000	912.461	1260.680	1246.590	1264.611	A(1)
P(1)	998.478	0.000	980.480	1020.474	0.000	1006.463	1231.640	1214.630	1231.634	P(2)
A(2)	1086.616	0.000	1081.600	1087.611	0.000	1079.600	1138.580	1111.560	1116.581	A(1)
P(1)	1186.660	0.000	1140.550	1194.664	0.000	1176.553	1063.520	1046.520	1085.544	P(2)
V(1)	1286.677	0.000	1245.620	1299.670	0.000	1275.620	966.500	949.470	964.601	V(2)
E(2)	1394.680	0.000	1376.680	1422.675	0.000	1404.664	887.434	882.400	894.421	E(1)
R(1)	1522.770	0.000	1508.760	1559.770	0.000	1533.743	1837.380	718.301	721.304	R(2)
S(1)	1699.818	0.000	1671.800	1727.800	0.000	1704.784	809.317	610.200	601.200	592.265
P(1)	1798.826	0.000	1780.810	1834.820	0.000	1816.800	643.230	626.210	643.230	P(2)
A(1)	1857.883	0.000	1840.850	1889.880	0.000	1867.861	546.240	529.210	546.240	A(2)
K(2)	1985.958	0.000	1967.940	2013.953	0.000	1995.926	465.262	475.260	488.181	K(1)
K(2)	2114.053	0.000	2096.040	2142.048	0.000	2124.031	374.010	347.110	370.000	K(1)

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKK_{79.97}

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=65.73
- ▶ F115532.dat
- ▶ query=q6532_p1
- ▶ precursor=720.691810
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S[1]	80.626	0.504	21.521	44.923	0.504	59.519	1090.531	1072.030	1071.528	S[2]
E[2]	85.947	0.504	80.042	100.042	0.504	100.038	2072.072	2054.570	2054.067	E[3]
T[3]	148.913	0.504	138.909	139.909	0.504	139.913	971.406	963.902	963.400	T[4]
A[4]	151.090	0.504	172.086	149.087	0.504	169.081	921.972	914.468	913.966	A[5]
P[5]	220.616	0.504	220.611	243.613	0.504	224.609	886.451	877.946	877.444	P[12]
A[6]	266.134	0.504	266.129	278.132	0.504	278.127	837.927	829.422	828.921	A[16]
E[7]	179.056	0.504	179.051	341.053	0.504	184.048	802.400	793.895	793.393	E[13]
T[8]	380.180	0.504	371.174	384.177	0.504	385.172	717.897	709.392	708.889	T[14]
A[9]	112.898	0.504	188.893	420.895	0.504	420.889	687.363	678.858	678.356	A[13]
A[10]	413.217	0.504	442.211	486.214	0.504	486.207	611.843	643.331	642.829	A[17]
P[11]	399.743	0.504	480.738	515.741	0.504	504.735	616.326	607.821	607.319	P[11]
A[12]	430.262	0.504	536.256	549.259	0.504	549.254	567.800	559.295	558.794	A[10]
P[13]	583.788	0.504	574.783	587.785	0.504	588.780	512.981	504.476	503.974	P[16]
V[14]	433.272	0.504	628.267	641.270	0.504	639.264	481.959	473.454	472.952	V[8]
E[15]	597.894	0.504	688.889	711.891	0.504	702.876	434.220	425.707	425.215	E[7]
K[16]	171.881	0.510	182.880	175.880	0.510	186.881	388.688	381.180	380.684	K[6]
S[17]	146.766	0.510	156.765	149.765	0.510	160.766	388.767	381.260	380.764	S[7]
P[18]	339.917	0.505	339.911	367.914	0.505	339.910	222.152	213.639	213.137	P[4]
A[19]	630.430	0.505	640.428	643.431	0.505	654.427	174.628	166.111	165.604	A[5]
K[20]	593.483	0.505	604.482	607.485	0.505	608.478	130.130	120.594	120.084	K[5]
K[21]	1079.703	0.505	1089.701	1091.703	0.505	1092.704	10.000	0.000	0.000	K[1]

sp | P43274 | H14_MOUSE

SETAPAAPAAPAEKT^{Phospho} PVKKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.94
- ▶ F115532.dat
- ▶ query=q6657.p1
- ▶ precursor=560.797970
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	r	r*	r ₀	AA
S1	80.044	0.000	42.034	80.000	0.000	70.029	2940.180	2223.143	2222.138	S20
E2	100.000	0.000	131.000	117.063	0.000	100.000	2530.131	6136.120	6135.126	E30
T3	200.130	0.000	272.124	151.133	0.000	300.119	2624.054	2607.083	2606.083	T20
A4	301.472	0.000	340.160	380.167	0.000	371.156	1621.040	1636.020	1635.016	A10
P5	400.254	0.000	440.110	480.219	0.000	400.254	2601.000	6529.063	6528.063	P10
A6	500.262	0.000	511.251	500.262	0.000	500.262	1974.950	1737.930	1736.948	A17
A7	600.260	0.000	600.260	630.294	0.000	610.283	1681.910	1666.893	1665.908	A16
P8	607.352	0.000	670.341	720.340	0.000	607.352	3812.882	1509.850	1508.872	P15
A9	700.200	0.000	700.200	700.200	0.000	710.213	1335.800	1448.800	1447.816	A14
A10	800.420	0.000	821.412	861.421	0.000	800.410	1444.762	1427.760	1426.762	A13
P11	900.410	0.000	100.400	900.410	0.000	900.403	1174.750	1159.720	1158.745	P12
A12	1000.416	0.000	1000.416	1000.416	0.000	1000.416	2210.700	2209.670	2208.694	A11
P13	1100.520	0.000	1000.520	1100.520	0.000	1114.503	1500.800	1100.800	1100.800	P10
A14	1100.600	0.000	1157.600	1203.600	0.000	1100.600	1100.611	1001.580	1000.602	A10
E15	1204.640	0.000	1200.630	1335.643	0.000	1214.612	1037.570	1020.540	1019.565	E10
T16	1400.610	0.000	1410.610	1400.610	0.000	1400.610	1400.610	1400.610	1400.610	T10
T17	1511.757	0.000	1511.757	1511.757	0.000	1511.757	1511.757	1511.757	1511.757	T10
P18	1710.610	0.000	1710.610	1710.610	0.000	1710.610	1710.610	1710.610	1710.610	P10
V19	1800.610	0.000	1800.610	1800.610	0.000	1800.610	1800.610	502.371	485.345	V10
K20	1917.814	0.000	1917.814	1917.814	0.000	1917.814	1917.814	1917.814	1917.814	K10
K21	2000.560	0.000	2000.560	2000.560	0.000	2000.560	2000.560	2000.560	2000.560	K10
K22	2100.103	0.000	2100.103	2100.103	0.000	2100.103	2100.103	2100.103	2100.103	K10

sp | P43274 | H14_MOUSE

SETAPAAPAAPAPAEKT^{Phospho} PVKKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=37.94
- ▶ F115532.dat
- ▶ query=q6657.p1
- ▶ precursor=560.797970
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	r	y*	y β	AA
S1	30.626	0.504	21.521	44.523	0.504	35.518	1120.580	1112.079	1111.583	S22
E2	35.397	0.504	60.049	109.045	0.504	130.040	1070.576	1066.576	1066.079	E23
T3	149.571	0.504	136.569	109.569	0.504	150.563	1012.551	1004.031	1003.545	T20
A4	131.060	0.504	127.060	109.569	0.504	109.062	892.526	883.514	883.022	A19
P5	229.016	0.504	228.016	143.513	0.504	229.012	926.508	917.999	917.502	P16
A6	205.134	0.504	200.134	109.512	0.504	210.127	877.501	869.495	868.977	A17
A7	300.653	0.504	291.649	104.650	0.504	305.645	842.463	833.950	833.458	A16
P8	149.179	0.504	140.174	38.177	0.504	354.172	806.945	798.431	797.939	P15
A9	104.868	0.504	100.868	108.868	0.504	301.860	755.413	746.900	746.412	A14
A10	420.017	0.504	411.011	434.214	0.504	425.209	722.900	714.387	713.895	A13
P11	416.913	0.504	459.738	482.749	0.504	473.735	687.381	678.868	678.376	P12
A12	404.351	0.504	400.351	514.299	0.504	409.294	638.855	630.342	629.850	A11
P13	352.708	0.504	343.701	365.701	0.504	357.698	603.130	595.623	595.131	P10
A14	348.306	0.504	339.301	462.304	0.504	343.299	594.811	546.297	545.805	A10
E15	352.828	0.504	343.822	666.825	0.504	357.820	519.291	510.778	510.286	E11
T16	178.974	0.504	169.968	799.971	0.504	173.969	491.961	483.451	482.960	T17
T17	807.382	198.209	798.371	621.385	192.995	812.374	390.723	382.209	381.717	T18
P19	874.609	687.205	866.601	869.609	681.391	880.601	300.216	291.702	291.210	P18
V19	895.443	698.252	886.437	919.440	691.627	934.435	281.435	281.000	281.178	V18
K20	898.408	691.512	880.402	983.405	674.514	914.402	292.512	293.844	294.164	K18
R21	1331.638	2025.034	1324.632	1247.635	1934.022	1338.630	130.130	129.944	130.044	K19
K22	1097.585	1089.072	1088.580	1111.583	1103.069	1102.577	74.068	69.547	69.644	K11

sp | P43274 | H14_MOUSE

SETAPAAPAAPAEKT^{Phospho} PVKKK
79.97

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=37.94
- ▶ F115532.dat
- ▶ query=q6657_p1
- ▶ precursor=560.797970
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,d	y	y*	y,d	Δs
S 1	201.068	0.672	14.968	36.018	0.672	24.044	141.355	141.718	141.355	S(2)
E 2	65.701	0.672	37.607	73.052	0.672	67.620	718.382	712.708	712.380	E(2)
T 3	97.081	0.672	61.980	106.715	0.672	100.711	675.370	669.694	669.366	T(2)
A 4	121.062	0.672	115.050	130.304	0.672	124.300	841.887	830.933	829.883	A(1)
F 5	153.813	0.672	147.421	162.749	0.672	155.743	612.008	612.325	612.304	F(2)
A 6	177.092	0.672	171.080	186.424	0.672	180.420	585.657	570.981	570.533	A(1)
A 7	200.771	0.672	194.760	210.103	0.672	204.099	561.970	556.302	556.074	A(2)
P 8	223.122	0.672	217.110	242.454	0.672	236.450	538.590	532.623	532.295	P(2)
A 9	276.001	0.672	269.790	286.133	0.672	280.428	505.961	500.972	500.814	A(1)
A 10	280.480	0.672	274.471	289.812	0.672	283.808	482.269	476.593	476.265	A(1)
P 11	312.811	0.672	306.800	322.143	0.672	316.139	456.590	452.914	452.586	P(2)
A 12	336.510	0.672	330.500	345.842	0.672	339.838	426.720	420.562	420.235	A(1)
P 13	368.861	0.672	362.850	378.193	0.672	372.490	402.560	396.804	396.506	P(2)
A 14	392.548	0.672	386.537	401.872	0.672	395.868	370.260	364.514	364.206	A(1)
E 15	415.154	0.672	409.143	444.889	0.672	438.882	346.130	340.814	340.516	E(2)
R 16	478.274	0.727	472.263	487.589	0.727	481.908	303.312	297.540	297.312	R(1)
T 17	538.591	532.915	532.587	547.025	542.247	541.910	260.811	255.142	254.814	T(2)
P 18	570.841	0.672	564.830	580.572	0.672	574.566	234.410	228.470	228.242	P(2)
V 19	603.964	0.672	597.953	613.206	0.672	607.202	188.120	182.453	182.125	V(1)
T 20	646.051	0.672	640.040	655.283	0.672	649.514	169.952	164.180	163.952	T(2)
R 21	688.261	0.672	682.250	697.493	0.672	692.001	90.410	84.732	84.504	R(2)
R 22	732.050	0.672	726.039	741.281	0.672	735.115	73.187	67.700	67.472	R(1)

sp | P43274 | H14_MOUSE

S^{Phospho}_{79.97} ETAPAAPAAPAPAEEKTPVKKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.37
- ▶ F115532.dat
- ▶ query=q6658_p1
- ▶ precursor=747.395140
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	r	r*	rΔ	AA
S1	140.031	0.000	122.000	168.000	0.000	149.000	2040.180	2223.140	2222.130	S23
E2	189.053	0.000	205.000	205.000	0.000	219.000	2070.130	2066.140	2065.160	E33
T3	170.001	0.000	192.000	192.000	0.000	300.000	1044.130	1007.100	1008.117	T20
A4	441.130	0.000	420.100	406.113	0.000	451.122	1041.000	1036.000	1025.000	A19
T5	136.014	0.000	120.100	166.100	0.000	160.100	2722.000	1709.000	1704.000	T16
A6	309.208	0.000	591.217	637.223	0.000	619.212	1074.900	1057.900	1060.000	A17
A7	840.000	0.000	840.200	708.200	0.000	600.200	1603.900	1598.630	1585.041	A16
P8	777.518	0.000	750.507	805.513	0.000	787.502	1532.910	1515.880	1514.900	P15
A9	446.000	0.000	430.000	378.000	0.000	406.000	1430.000	1418.000	1417.000	A14
A10	910.000	0.000	900.000	947.000	0.000	929.000	1304.820	1347.700	1346.010	A13
P11	1010.000	0.000	1000.000	1044.000	0.000	1020.000	1300.100	1270.700	1270.710	P12
A12	409.000	0.000	390.000	410.000	0.000	397.000	1100.000	1110.000	1110.000	A11
P13	1104.000	0.000	1100.000	1145.000	0.000	1104.000	1100.000	1100.000	1100.000	P10
A14	1350.000	0.000	1327.000	1303.000	0.000	1304.000	1020.000	1011.000	1010.000	A10
E15	1104.014	0.000	1100.000	1412.000	0.000	1304.000	957.000	940.000	930.000	E11
T16	1312.000	0.000	1240.000	1340.000	0.000	1320.000	1000.000	980.000	970.000	T10
T17	1010.000	0.000	1000.000	1045.000	0.000	1020.000	1000.000	1000.000	1000.000	T11
P19	1010.000	0.000	1000.000	1045.000	0.000	1020.000	1000.000	1000.000	1000.000	P18
V19	1000.000	0.000	1000.000	1045.000	0.000	1020.000	1000.000	1000.000	1000.000	V10
K20	1010.000	0.000	1000.000	1045.000	0.000	1020.000	1000.000	1000.000	1000.000	K10
K21	1000.000	0.000	1000.000	1045.000	0.000	1020.000	1000.000	1000.000	1000.000	K12
K22	1010.000	0.000	1000.000	1045.000	0.000	1020.000	1000.000	1000.000	1000.000	K11

sp | P43274 | H14_MOUSE

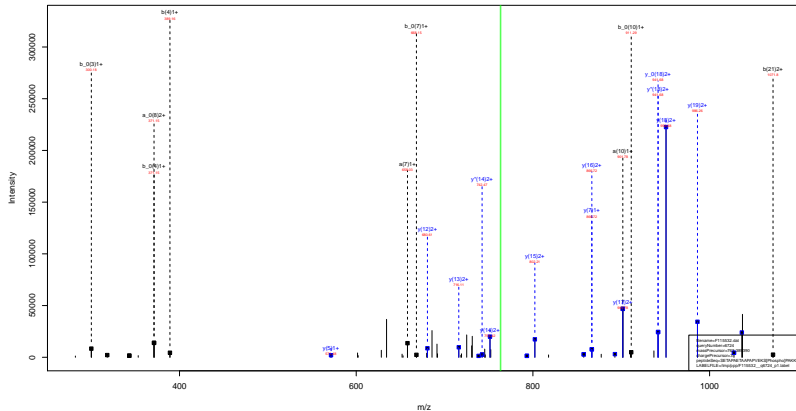
S^{Phospho} 79.97 ETAPAAPAAPAPAEKTPVKKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=39.37
- ▶ F115532.dat
- ▶ query=q6658.p1
- ▶ precursor=747.395140
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	r	y*	y β	AA
S1	70.509	0.504	81.504	84.509	0.504	75.503	11.20.583	1112.079	1111.583	S23
E2	178.009	0.504	178.009	178.009	0.504	180.009	1070.009	1069.504	1069.009	E23
T3	188.054	0.504	178.549	189.552	0.504	189.549	972.567	964.054	963.552	T20
A4	271.873	0.504	222.687	272.877	0.504	270.865	922.844	913.379	912.878	A19
P5	289.059	0.504	289.059	289.563	0.504	274.562	861.725	878.012	877.508	P16
A6	308.119	0.504	286.112	309.115	0.504	310.119	817.909	808.405	807.903	A17
A7	340.836	0.504	331.831	344.834	0.504	345.838	802.480	793.981	793.475	A16
P8	389.183	0.504	389.187	403.185	0.504	394.185	764.962	758.448	757.956	P15
A9	434.883	0.504	431.883	438.879	0.504	439.879	718.879	709.322	710.435	A14
A10	460.200	0.504	451.194	474.197	0.504	465.192	662.917	654.461	653.911	A13
P11	498.476	0.504	498.476	512.474	0.504	511.473	647.398	638.899	638.393	P12
A12	544.244	0.504	538.242	549.242	0.504	549.247	588.812	580.299	579.800	A11
P13	592.771	0.504	592.770	606.762	0.504	607.763	553.913	545.406	544.902	P10
A14	638.260	0.504	638.260	642.267	0.504	653.262	514.827	506.313	505.821	A10
E15	682.811	0.504	683.808	708.808	0.504	697.813	479.328	470.799	470.303	E11
T16	758.858	0.504	747.853	770.856	0.504	769.859	393.859	418.778	409.774	T07
T17	809.392	0.504	798.389	798.377	0.504	812.386	312.374	330.179	342.228	T14
P18	854.909	0.504	846.901	869.901	0.504	869.901	300.216	291.702	291.204	P18
V19	895.443	0.504	890.437	919.440	0.504	914.435	241.435	241.004	241.175	V10
K20	939.898	0.504	930.439	935.439	0.504	914.434	91.439	202.159	193.844	K18
R21	1033.838	0.504	1024.832	1047.833	0.504	1038.830	138.138	129.944	130.044	K12
K22	1097.582	0.504	1088.582	1111.583	0.504	1102.577	74.088	85.547	85.647	K11

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKKK
79.97



sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS ^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.02
- ▶ F115532.dat
- ▶ query=q6724.p1
- ▶ precursor=763.389390
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	r	y*	yΔ	AA
S1	80.044	0.000	82.034	88.039	0.000	70.029	2286.153	2271.127	2270.143	S22
E2	109.087	0.000	110.000	111.000	0.000	109.041	2051.120	2104.009	2103.113	E23
T3	200.130	0.000	212.120	218.130	0.000	200.119	2072.070	2095.062	2094.066	T20
A4	281.172	0.000	345.161	389.167	0.000	371.156	1871.030	1894.029	1893.031	A19
F5	358.224	0.000	446.214	499.212	0.000	426.202	1899.960	1862.961	1861.963	F16
A6	529.262	0.000	533.251	557.257	0.000	529.260	1802.941	1789.935	1784.933	A17
E7	658.304	0.000	640.294	668.290	0.000	646.289	1731.904	1714.878	1713.884	E18
T8	730.352	0.000	741.341	783.347	0.000	730.336	1642.881	1589.839	1584.851	T15
A9	830.389	0.000	833.379	858.384	0.000	830.373	1550.854	1468.787	1468.800	A14
A10	901.426	0.000	885.413	926.421	0.000	911.411	1430.777	1413.750	1412.760	A13
P11	1068.478	0.000	1061.460	1058.474	0.000	1068.463	1359.740	1342.713	1341.729	P12
A12	1205.516	0.000	1202.500	1207.511	0.000	1205.494	1262.690	1249.660	1244.676	A11
P13	1350.559	0.000	1348.550	1344.564	0.000	1350.543	1191.620	1174.623	1173.639	P10
V14	1365.637	0.000	1347.621	1363.632	0.000	1375.622	1094.590	1077.570	1076.581	V10
E15	1394.680	0.000	1376.660	1422.670	0.000	1404.654	999.520	978.500	977.518	E11
T16	1532.719	0.000	1508.700	1550.710	0.000	1532.693	904.486	869.459	868.479	T17
S17	1680.773	0.000	1671.762	1715.768	0.000	1699.751	738.301	721.284	720.280	S16
P18	1760.820	0.000	1760.810	1814.823	0.000	1760.800	571.193	554.169	0.000	P19
A19	1857.863	0.000	1850.852	1889.858	0.000	1857.847	474.242	457.213	0.000	A16
K20	1998.904	0.000	1991.891	2013.903	0.000	1998.886	365.362	353.333	352.326	K18
R21	2143.945	0.000	2096.942	2143.948	0.000	2124.937	276.209	258.183	0.000	K19
K22	2242.986	0.000	2228.979	2270.983	0.000	2252.973	147.133	130.088	0.000	K11

sp | P43276 | H15_MOUSE

SETAPAETAAPAPVEKS^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=49.02
- ▶ F115532.dat
- ▶ query=q6724.p1
- ▶ precursor=763.389390
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	b,0	b	b'	b,0	y	y'	y,0	AA
S(1)	31300	0.500	21421	44521	0.500	20.514	1149.300	2139.001	1139.575	S(22)
E(2)	29142	0.500	88242	200243	0.500	100.000	1182.300	2202.301	1202.300	E(2)
T(3)	430713	0.500	130560	1323000	0.500	130.000	1030.343	1028.030	1027.330	T(05)
A(4)	181000	0.500	172084	195387	0.500	180.000	906.019	877.500	877.004	A(29)
P(5)	270010	0.500	220011	243010	0.500	234.000	950.501	941.987	941.495	P(18)
A(6)	200000	0.500	200000	200000	0.500	200.000	911.910	880.000	882.569	A(27)
E(7)	100000	0.500	100000	100000	0.500	100.000	866.456	857.942	857.450	E(16)
T(8)	100000	0.500	171.174	104177	0.500	105.177	801.934	793.421	792.929	T(15)
A(9)	110000	0.500	100000	100000	0.500	100.000	751.411	742.897	742.405	A(14)
A(10)	101011	0.500	143211	160214	0.500	150.200	715.802	701.500	700.000	A(13)
P(11)	100000	0.500	100000	110000	0.500	100.000	660.371	610.000	610.000	P(12)
A(12)	100000	0.500	100000	100000	0.500	100.000	610.000	610.000	610.000	A(11)
P(13)	100000	0.500	100000	100000	0.500	100.000	600.000	600.000	600.000	P(10)
V(14)	100000	0.500	100000	100000	0.500	100.000	540.000	540.000	540.000	V(18)
E(15)	100000	0.500	100000	100000	0.500	100.000	480.000	480.000	480.000	E(16)
P(16)	100000	0.500	100000	100000	0.500	100.000	430.000	430.000	430.000	P(14)
S(17)	100000	0.500	100000	100000	0.500	100.000	380.000	380.000	380.000	S(18)
P(18)	100000	0.500	100000	100000	0.500	100.000	330.000	330.000	330.000	P(16)
A(19)	100000	0.500	100000	100000	0.500	100.000	280.000	280.000	280.000	A(17)
R(20)	100000	0.500	100000	100000	0.500	100.000	230.000	230.000	230.000	R(19)
K(21)	100000	0.500	100000	1071.520	100000	100.000	180.000	180.000	180.000	K(12)
K(22)	111000	1.11000	111000	111000	1.11000	111.000	14.000	14.000	14.000	K(12)

sp | P62806 | H4_MOUSE

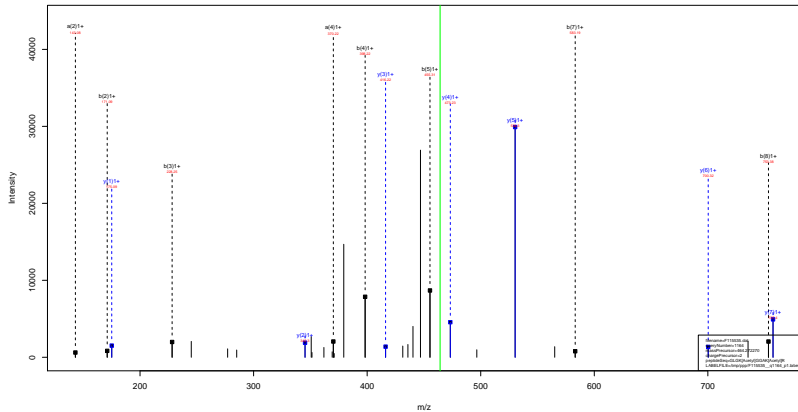
GLGK Acetyl 42.01 GGAK Acetyl R 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=60.43
- ▶ F115535.dat
- ▶ query=q1161.p1
- ▶ precursor=464.272040
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a.0	b	b*	b.0	y	y*	y.0	AA	
G	1	39.034	0.000	56.029	0.000	0.000	927.537	910.510	0.000	G	
L	2	143.118	0.000	171.113	0.000	0.000	870.516	853.489	0.000	L	
G	3	205.120	0.000	228.124	0.000	0.000	757.432	740.405	0.000	G	
R	4	370.245	393.219	0.000	398.240	361.213	0.000	700.410	683.384	0.000	R
G	5	427.250	410.240	0.000	455.261	438.235	0.000	530.305	513.278	0.000	G
G	6	484.289	467.261	0.000	512.283	495.256	0.000	473.283	456.257	0.000	G
A	7	555.320	538.298	0.000	583.320	566.293	0.000	416.262	399.235	0.000	A
K	8	725.430	708.404	0.000	753.425	736.399	0.000	345.224	328.198	0.000	K
R	9	881.512	864.505	0.000	909.528	892.500	0.000	175.119	158.092	0.000	R

sp | P62806 | H4_MOUSE

GLGK ^{Acetyl} GGAK ^{Acetyl} R
42.01 42.01



sp | P62806 | H4_MOUSE

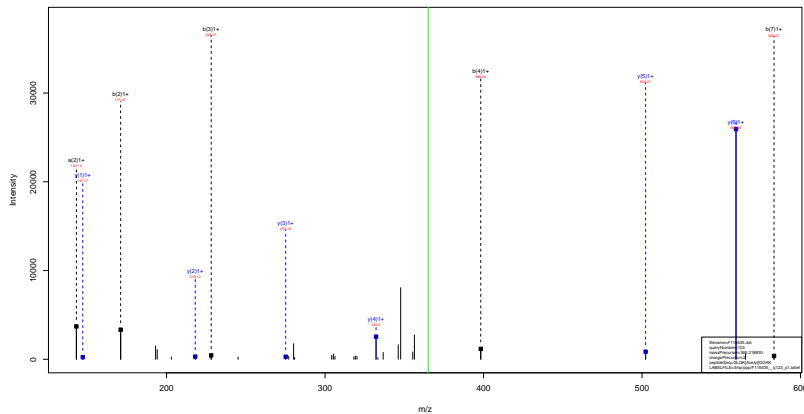
GLGK Acetyl 42.01 GGAK Acetyl R 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=57.15
- ▶ F115535.dat
- ▶ query=q1164.p1
- ▶ precursor=464.272270
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a.0	b	b*	b.0	y	y*	y.0	AA
G 1	39.034	0.000	0.000	56.029	0.000	0.000	927.537	910.510	0.000	G 0
L 2	143.118	0.000	0.000	171.113	0.000	0.000	870.516	853.489	0.000	L 8
G 3	205.120	0.000	0.000	228.124	0.000	0.000	757.432	740.405	0.000	G 7
R 4	370.245	393.219	0.000	398.240	361.213	0.000	700.410	683.384	0.000	R 0
G 5	427.209	410.240	0.000	455.201	438.235	0.000	530.305	513.278	0.000	G 5
G 6	484.289	467.261	0.000	512.283	495.256	0.000	473.283	456.257	0.000	G 4
A 7	555.320	538.298	0.000	583.320	566.293	0.000	416.262	399.235	0.000	A 3
K 8	725.430	708.404	0.000	753.425	736.399	0.000	345.224	328.198	0.000	K 2
R 9	881.512	864.505	0.000	909.528	892.500	0.000	175.119	158.092	0.000	R 1

sp | P62806 | H4_MOUSE

GLGK^{Acetyl}GGAK
42.01



sp | P62806 | H4_MOUSE

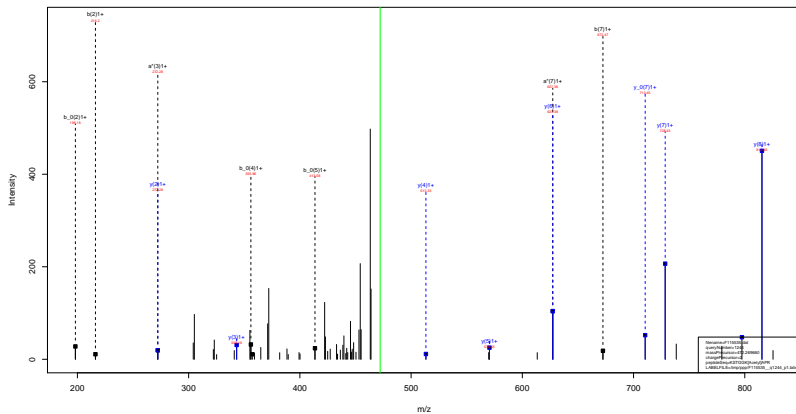
GLGK^{Acetyl}GGAK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.65
- ▶ F115535.dat
- ▶ query=q123-p1
- ▶ precursor=365.216830
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	y	y*	y,β	AA
G[1]	30.034	0.000	0.000	58.020	0.000	0.000	729.425	712.390	0.000	G[8]
L[2]	143.118	0.000	0.000	171.113	0.000	0.000	672.404	655.377	0.000	L[7]
G[3]	200.139	0.000	0.000	228.134	0.000	0.000	559.320	542.293	0.000	G[6]
R[4]	376.245	353.218	0.000	398.240	381.213	0.000	502.298	485.272	0.000	R[5]
G[5]	427.260	410.240	0.000	455.261	438.235	0.000	332.193	315.166	0.000	G[4]
G[6]	464.288	447.261	0.000	412.233	495.258	0.000	215.171	208.145	0.000	G[3]
A[7]	555.321	538.296	0.000	583.320	566.291	0.000	218.150	201.123	0.000	A[6]
R[8]	681.420	666.393	0.000	711.415	694.388	0.000	147.113	130.086	0.000	R[1]

sp | P68433 | H31_MOUSE

KSTGGK ^{Acetyl} APR
42.01



sp | P68433 | H31_MOUSE

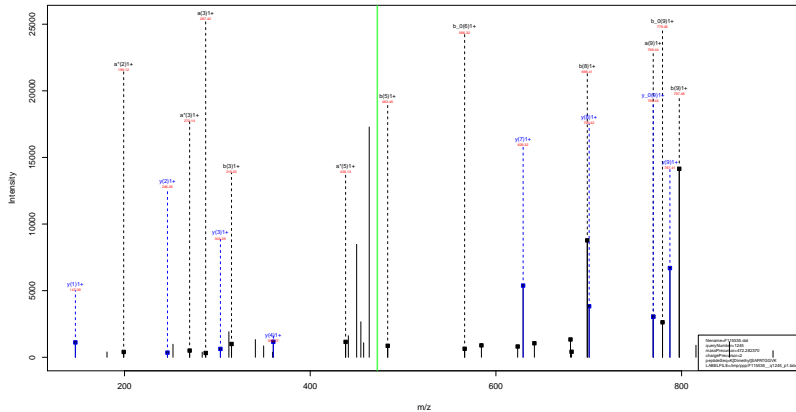
KSTGGK^{Acetyl} APR
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=47.60
- ▶ F115535.dat
- ▶ query=q1244.p1
- ▶ precursor=472.269660
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a.0	b	b*	b.0	y	y*	y.0	AA
R 1	101.107	94.001	9.006	129.103	112.076	0.009	993.532	926.505	65.521	K W
S 2	186.139	171.113	170.120	216.134	195.108	196.124	815.437	798.410	797.426	S H
T 3	289.187	272.160	271.170	317.182	300.155	299.171	728.485	711.378	710.394	T Y
G 4	346.208	331.182	329.189	374.203	357.177	356.193	827.257	810.231	0.000	G G
G 5	403.230	385.203	385.210	431.225	414.198	413.214	570.336	553.309	0.000	G G
R 6	573.235	556.209	555.225	601.239	584.204	583.220	513.314	496.288	0.000	K H
A 7	644.273	627.346	626.352	672.368	655.341	654.357	343.289	326.182	0.000	A S
P 8	741.425	724.399	723.415	769.430	752.394	751.410	272.172	255.145	0.000	P D
R 9	897.528	880.501	879.518	925.521	908.495	907.511	176.113	159.004	0.000	R D

sp | P68433 | H31_MOUSE

K Dimethyl SAPATGGVK
28.03



sp | P68433 | H31_MOUSE

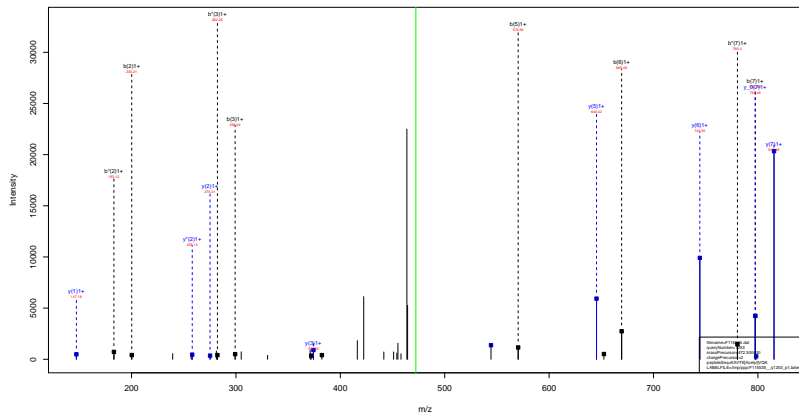
K^{Dimethyl} SAPATGGVK
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=51.45
- ▶ F115535.dat
- ▶ query=q1245_p1
- ▶ precursor=472.282370
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
K	129139	112112	0.000	157119	146107	0.000	943197	926311	925347	K
S	129139	109144	186160	144105	137100	226155	707431	710404	709420	S
A	287208	279181	259191	315203	298176	297161	705399	683392	685388	A
F	384261	367234	366250	412265	395229	394265	629362	612335	611351	F
A	495298	458271	437287	483293	466266	465292	157330	115262	114298	A
T	636345	629319	616333	584340	567314	554330	481272	444245	443261	T
G	611387	606360	595366	641361	624335	621351	360224	361196	0.000	G
G	670388	653362	652378	698383	681357	680373	303203	286176	0.000	G
V	709457	692431	701440	797452	780425	779441	246181	229155	0.000	V
K	697552	689525	678542	825547	808520	807526	147113	130186	0.000	K

sp | Q64525 | H2B2B_MOUSE

KAVTK Acetyl VQK
42.01



sp | Q64525 | H2B2B_MOUSE

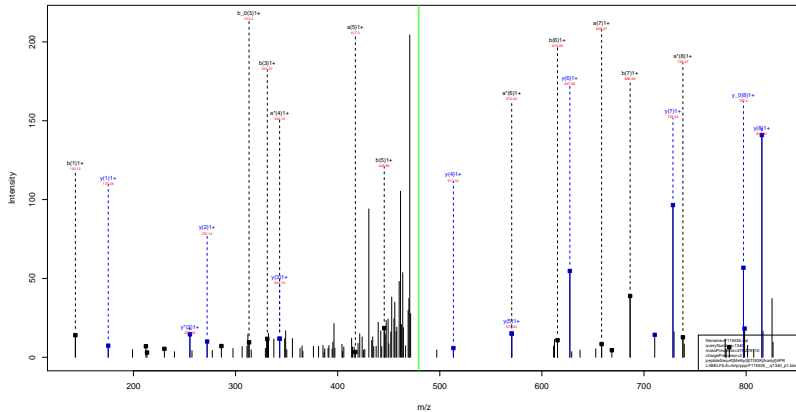
KAVTK^{Acetyl}VQK
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=52.16
- ▶ F115535.dat
- ▶ query=q1253_p1
- ▶ precursor=472.300430
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a:0	b	b*	b:0	y	y*	y:0	AA
K1	224.209	24.082	0.000	126.104	144.506	0.000	461.992	225.981	225.981	K10
A2	222.144	125.133	0.000	200.130	181.113	0.000	815.490	798.473	797.488	A17
V3	271.213	254.139	0.000	299.208	282.181	0.000	744.461	727.435	726.451	V16
T4	372.261	395.234	354.250	300.255	301.229	382.245	645.391	628.366	627.382	T15
K5	247.286	245.260	244.234	370.261	361.234	352.250	344.345	327.310	0.000	K14
V6	241.434	629.449	623.424	669.429	652.403	651.419	374.240	357.214	0.000	V13
Q7	398.493	752.489	751.482	797.488	780.461	779.477	275.171	258.145	0.000	Q12
K8	397.588	680.549	679.572	625.583	608.556	607.572	147.113	130.086	0.000	K11

sp | P68433 | H31_MOUSE

K Methyl STGGK Acetyl APR
14.02 42.01



sp | P68433 | H31_MOUSE

K^{Methyl} STGGK^{Acetyl} APR
14.02 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.70
- ▶ F115535.dat
- ▶ query=q1340_p1
- ▶ precursor=479.278110
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
R 1	315.123	98.096	0.000	143.118	126.091	0.000	692.540	940.521	699.537	R 0
S 2	302.150	105.130	104.144	230.150	213.123	212.139	815.437	798.410	797.426	S 0
T 3	303.303	286.176	205.162	331.198	314.171	313.187	720.405	711.370	710.384	T 0
G 4	309.214	343.198	342.243	309.214	311.303	310.248	627.357	618.341	0.000	G 0
Q 5	417.246	300.310	309.226	445.241	428.214	427.230	570.336	553.320	0.000	Q 0
K 6	367.351	570.325	569.341	615.346	608.320	607.335	513.314	496.298	0.000	K 4
A 7	658.388	611.372	640.370	686.383	669.357	668.373	343.299	326.187	0.000	A 3
P 8	726.474	738.414	737.430	183.436	186.409	185.424	272.172	255.145	0.000	P 2
R 9	411.542	324.518	393.532	339.537	322.510	321.526	175.119	158.092	0.000	R 0

sp | P68433 | H31_MOUSE

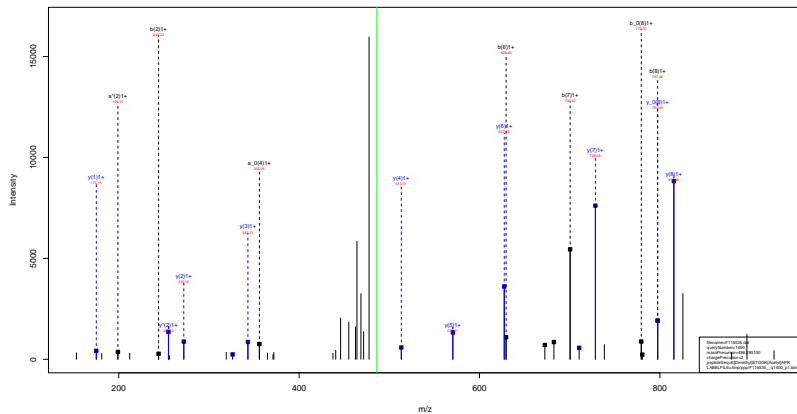
K^{Methyl} 14.02 STGGK^{Acetyl} 42.01 APR

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- ▶ query=q1341_p1
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- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ⁰	b	b*	b ⁰	y	y*	y ⁰	AA
R	115.123	98.096	0.000	143.118	126.091	0.000	957.540	940.528	959.557	K
S	202.150	185.123	184.141	230.150	213.123	212.139	815.437	798.410	797.426	S
T	303.203	286.176	285.192	331.180	314.171	313.187	728.405	711.370	710.384	T
G	400.224	381.168	380.213	388.233	371.203	370.218	627.257	610.241	0.000	G
Q	517.246	500.119	500.232	445.243	428.214	427.230	570.336	553.320	0.000	Q
R	587.351	570.325	569.341	615.346	598.320	597.335	513.314	496.288	0.000	R
A	658.388	641.362	640.378	686.383	669.357	668.373	343.209	326.183	0.000	A
P	726.414	708.414	707.430	743.436	726.409	725.425	272.172	255.145	0.000	P
R	811.542	804.515	803.532	830.537	812.510	811.526	175.110	158.083	0.000	R

sp | P68433 | H31_MOUSE

K Dimethyl STGGK Acetyl APR
28.03 42.01



sp | P68433 | H31_MOUSE

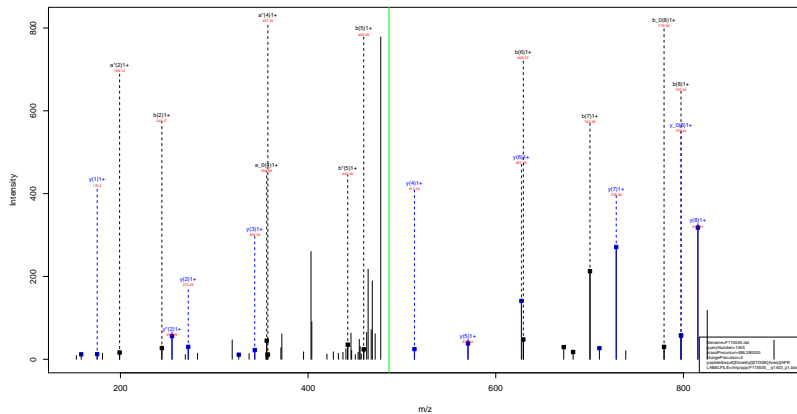
K^{Dimethyl} 28.03 STGGK^{Acetyl} 42.01 APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=55.08
- ▶ F115535.dat
- ▶ query=q1400_p1
- ▶ precursor=486.285100
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ⁰	b	b*	b ⁰	y	y*	y ⁰	AA
R1	126.030	112.112	0.980	151.152	140.107	0.890	371.550	654.537	955.551	R10
S2	216.271	199.144	196.160	244.164	227.139	226.155	815.437	708.410	707.426	S10
T3	317.218	300.192	299.208	345.213	328.187	327.203	728.405	711.370	710.384	T10
G4	417.450	397.213	354.229	402.229	388.208	388.224	627.207	610.211	0.000	G10
Q5	511.251	414.203	413.221	459.255	442.230	441.246	570.336	553.320	0.000	Q10
K6	601.367	584.330	583.350	629.362	612.335	611.351	513.314	496.289	0.000	K14
A7	672.404	655.377	654.393	700.399	683.372	682.388	343.206	326.182	0.000	A13
P8	769.537	752.489	751.480	797.452	780.425	779.441	272.122	255.145	0.000	P12
R9	822.558	805.511	807.541	853.551	836.526	835.542	175.119	158.202	0.000	R11

sp | P68433 | H31_MOUSE

K Dimethyl 28.03 STGGK Acetyl 42.01 APR



sp | P68433 | H31_MOUSE

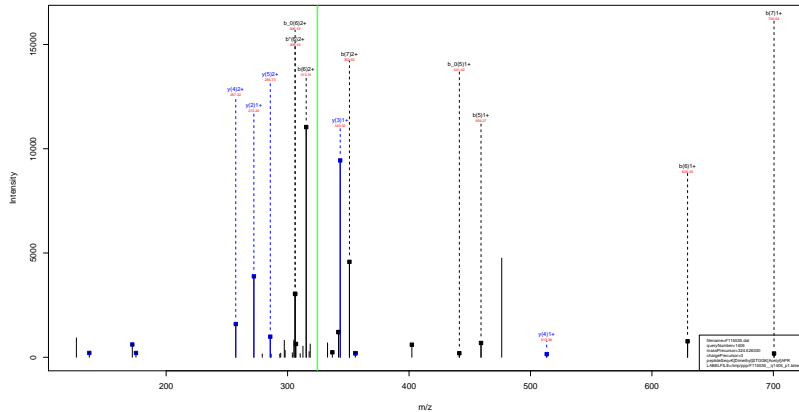
K^{Dimethyl} 28.03 STGGK^{Acetyl} 42.01 APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=51.77
- ▶ F115535.dat
- ▶ query=q1403_p1
- ▶ precursor=486.285200
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ⁰	b	b*	b ⁰	y	y*	y ⁰	AA
R1	126.030	112.112	0.980	151.150	140.107	0.890	371.580	654.531	955.951	R10
S2	216.271	199.144	196.160	244.164	227.139	226.155	815.437	706.410	707.426	S10
T3	317.218	300.192	299.208	345.213	328.187	327.203	728.485	711.370	710.384	T10
G4	418.165	397.213	394.229	429.235	399.208	398.224	627.397	610.381	0.000	G10
Q5	519.112	414.235	413.251	459.256	442.230	441.246	570.336	553.320	0.000	Q10
K6	601.067	584.100	583.116	629.362	612.335	611.351	513.314	496.298	0.000	K14
A7	672.404	655.377	654.393	700.399	683.372	682.388	343.206	326.182	0.000	A13
P8	769.357	752.400	751.416	791.432	774.405	774.421	272.122	255.148	0.000	P12
R9	852.308	835.331	834.347	863.353	836.326	835.342	175.119	158.092	0.000	R11

sp | P68433 | H31_MOUSE

K Dimethyl STGGK Acetyl APR
28.03 42.01



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Charge:1
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sp | P68433 | H31_MOUSE

K^{Dimethyl} 28.03 STGGK^{Acetyl} 42.01 APR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.41
- ▶ F115535.dat
- ▶ query=q1405.p1
- ▶ precursor=324.526330
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA	
R	1	229.139	112.112	0.000	151.134	240.107	0.000	371.551	354.531	353.553	K
S	2	216.171	109.144	106.160	244.166	227.139	226.155	815.417	796.410	797.426	S
T	3	117.218	353.151	209.208	235.213	538.187	327.203	728.405	711.370	710.394	T
G	4	374.230	357.233	356.229	402.235	389.208	354.224	617.357	610.331	0.000	G
G	5	431.251	414.252	410.251	402.250	442.230	441.246	570.338	553.320	0.000	G
K	6	601.367	584.340	583.350	629.362	612.335	611.351	513.314	496.280	0.000	K
A	7	372.404	355.377	354.393	700.399	683.372	682.388	343.209	326.187	0.000	A
P	8	789.457	782.430	781.440	797.452	780.425	779.441	272.172	265.145	0.000	P
R	9	225.228	628.231	627.241	953.251	238.226	615.242	176.110	159.090	0.000	R

sp | P68433 | H31_MOUSE

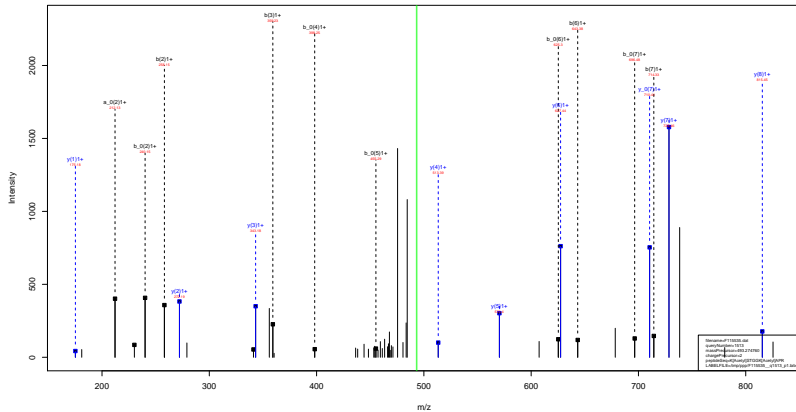
K^{Dimethyl} 28.03 STGGK^{Acetyl} 42.01 APR

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=37.41
- ▶ F115535.dat
- ▶ query=q1405_p1
- ▶ precursor=324.526330
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R 1	95.073	56.500	0.504	79.019	70.597	0.504	488.285	477.772	477.269	K H
S 2	100.589	100.018	99.504	122.586	114.073	113.581	408.227	399.709	399.217	S H
T 3	150.113	150.000	150.108	173.110	164.597	164.105	384.703	356.193	355.701	T H
G 4	137.824	139.313	139.818	101.804	103.308	102.816	314.132	305.615	305.123	G H
Q 5	216.134	207.621	207.125	230.132	221.618	221.126	285.672	277.158	0.504	Q H
R 6	301.187	290.674	290.178	315.184	306.671	306.179	257.161	248.648	0.504	R H
A 7	336.706	328.193	327.697	350.703	342.190	341.698	172.108	163.595	0.504	A H
P 8	189.724	178.211	177.715	199.244	190.731	190.239	136.509	128.016	0.504	P H
R 9	493.283	484.769	484.273	477.269	468.761	468.275	88.003	79.555	0.504	R H

sp | P68433 | H31_MOUSE

K^{Acetyl} STGGK^{Acetyl} APR
42.01 42.01



sp | P68433 | H31_MOUSE

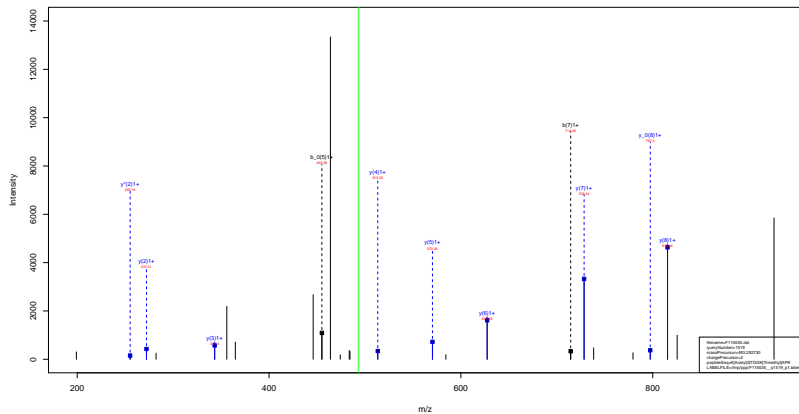
K^{Acetyl} STGGK^{Acetyl} APR
42.01 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=56.42
- ▶ F115535.dat
- ▶ query=q1513.p1
- ▶ precursor=493.274760
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
R	143.118	126.091	0.000	171.111	154.086	0.000	665.543	968.518	967.523	K
S	230.150	213.121	212.130	258.145	241.118	240.134	815.437	798.410	797.426	S
T	331.198	314.171	313.187	359.193	342.166	341.182	728.485	711.378	710.394	T
G	438.219	421.192	420.207	438.214	421.189	398.203	827.257	810.231	0.000	G
C	445.241	428.214	427.230	473.225	456.200	455.225	570.338	553.300	0.000	C
R	615.346	598.320	597.335	643.341	626.314	625.330	513.314	496.288	0.000	R
A	638.383	621.357	620.373	714.378	697.352	696.368	343.289	326.182	0.000	A
P	783.438	766.422	765.437	811.411	794.404	793.420	372.172	295.145	0.000	P
R	819.537	802.521	801.536	961.531	945.505	944.521	176.118	159.092	0.000	R

sp | P68433 | H31_MOUSE

K Acetyl STGGK Trimethyl APR
42.01 42.05



sp | P68433 | H31_MOUSE

K^{Acetyl}STGGK^{Trimethyl}APR
42.01 42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=47.16
- ▶ F115535.dat
- ▶ query=q1519_p1
- ▶ precursor=493.292730
- ▶ chargePrecursor=2
- ▶ itol=0.5

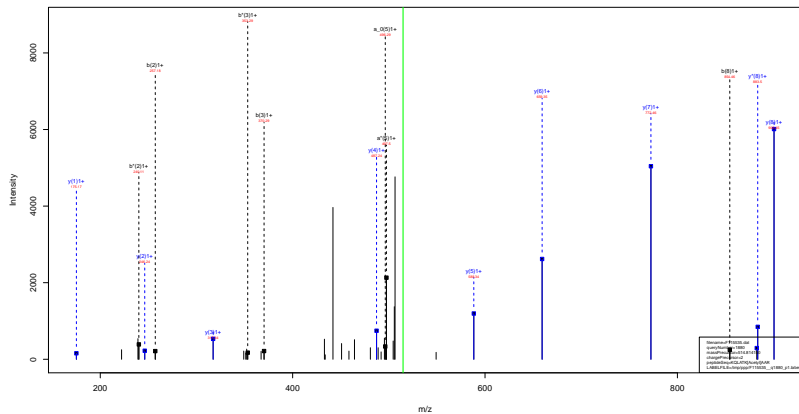
AA	a	a*	a.0	b	b*	b.0	y	y*	y.0	AA	
R	1	243.118	126.061	0.000	171.113	154.086	-0.000	365.570	948.553	967.548	K
S	2	200.150	213.123	212.119	206.145	191.118	140.134	815.473	799.441	797.463	S
T	3	331.196	314.171	313.187	306.193	342.166	341.181	728.441	711.415	710.431	T
G	4	338.219	321.193	330.208	416.214	391.178	380.203	627.394	610.369	0.000	G
C	5	445.241	430.214	427.230	473.235	455.200	455.225	570.372	553.345	0.000	C
R	6	615.362	598.336	597.312	643.317	626.331	625.307	513.351	496.324	0.000	K
A	7	686.420	669.393	668.409	714.414	697.388	696.403	343.209	326.182	0.000	A
P	8	783.472	766.445	765.462	811.467	784.441	783.457	272.172	255.145	0.000	P
R	9	109.513	822.541	621.563	297.566	250.542	948.553	374.111	438.092	0.000	R

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=57.31
- ▶ F115535.dat
- ▶ query=q1878_p1
- ▶ precursor=514.813820
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a,0	b	b'	b,0	v	v'	v,0	AA
R	101.007	84.667	0.000	129.102	112.976	0.000	1020.623	1011.592	1010.611	R
Q	226.106	212.139	0.000	257.161	240.134	0.000	900.526	883.500	882.516	Q
L	382.250	325.221	0.000	370.245	353.218	0.000	772.468	755.441	754.457	L
A	413.267	369.261	0.000	441.266	424.255	0.000	655.381	640.381	641.373	A
I	514.326	497.308	496.328	542.330	525.303	524.313	588.340	571.320	570.338	I
K	684.430	667.414	666.431	712.435	695.409	694.425	487.299	470.272	0.000	K
A	755.477	738.451	737.467	783.472	766.446	765.462	317.193	300.167	0.000	A
A	826.513	809.488	808.504	844.509	827.483	826.499	246.156	229.130	0.000	A
R	1022.516	995.500	994.505	1010.511	993.504	992.500	175.119	158.092	0.000	R

sp | P68433 | H31_MOUSE

KQLATK Acetyl AAR
42.01



sp | P68433 | H31_MOUSE

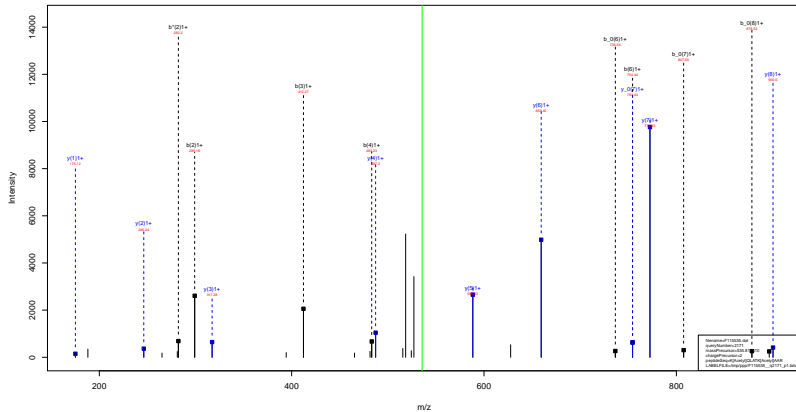
KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=62.33
- ▶ F115535.dat
- ▶ query=q1880_p1
- ▶ precursor=514.814150
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	aΔ	b	b'	bΔ	v	v'	vΔ	AA
R1	101.107	84.667	0.000	129.102	112.976	0.000	1020.623	1011.592	1010.011	K10
Q1	226.106	212.139	0.000	257.161	240.134	0.000	900.526	883.500	882.516	Q10
L1	382.250	325.223	0.000	370.245	353.218	0.000	772.468	755.441	754.457	L11
A1	413.287	399.261	0.000	441.282	424.255	0.000	652.381	642.354	641.370	A10
I1	514.325	497.308	496.325	542.320	525.293	524.310	588.340	571.325	570.339	I10
K1	684.480	667.454	666.430	712.425	695.400	694.425	487.299	470.272	0.000	K14
A1	755.477	738.451	737.461	783.472	766.446	765.462	317.193	300.167	0.000	A13
A1	826.515	809.489	808.505	854.509	837.483	836.499	246.156	229.130	0.000	A12
R1	1022.516	995.500	994.505	1010.511	993.504	992.505	175.119	158.092	0.000	R11

sp | P68433 | H31_MOUSE

K^{Acetyl} QLATK^{Acetyl} AAR
42.01 42.01



sp | P68433 | H31_MOUSE

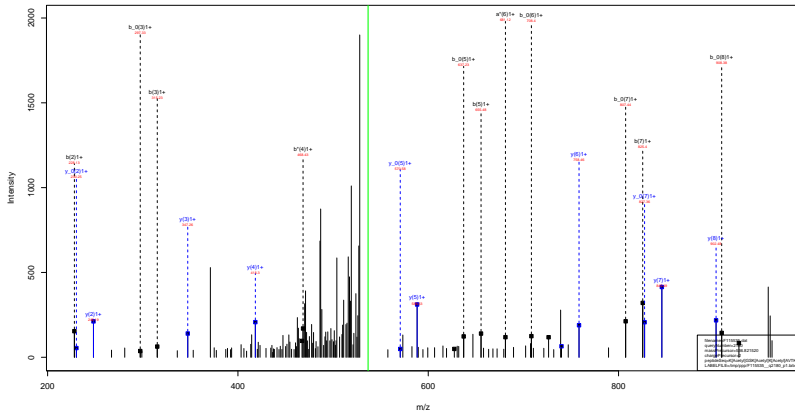
K^{Acetyl} 42.01 QLATK^{Acetyl} 42.01 AAR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=73.79
- ▶ F115535.dat
- ▶ query=q2171_p1
- ▶ precursor=535.819410
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a#	b	b*	b#	y	y*	y#	AA
R	143.118	125.101	0.000	174.113	154.096	0.000	120.117	120.117	0.000	R
Q	271.576	254.130	0.000	299.171	282.145	0.000	600.526	883.500	883.518	Q
L	384.261	367.234	0.000	412.255	395.229	0.000	772.468	751.441	754.457	L
R	433.038	416.011	0.000	483.293	466.266	0.000	459.354	442.327	442.314	R
V	359.240	339.235	0.000	365.261	347.334	0.000	588.336	571.330	570.328	V
K	726.431	709.424	100.440	754.446	737.439	738.435	487.299	470.272	0.000	K
A	797.438	780.403	779.477	825.463	808.436	807.472	317.193	300.187	0.000	A
A	108.475	101.469	100.753	806.535	789.465	818.509	246.135	229.133	0.000	A
R	1124.626	1087.609	1000.834	1073.621	1036.595	1034.611	175.119	158.000	0.000	R

sp | Q6ZWY9 | H2B1C_MOUSE

K_{42.01} Acetyl GSK_{42.01} Acetyl K_{42.01} AVTK



sp | Q6ZWY9 | H2B1C_MOUSE

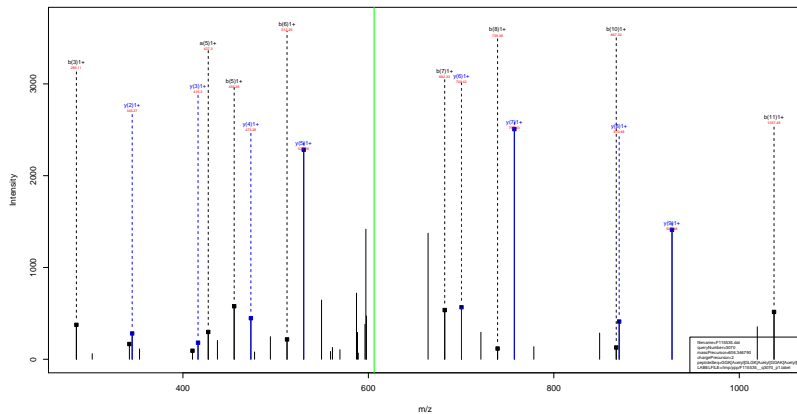
K_{42.01} Acetyl GSK_{42.01} Acetyl K_{42.01} Acetyl AVTK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=45.14
- ▶ F115535.dat
- ▶ query=q2180_p1
- ▶ precursor=536.821520
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a+b	b	b*	b-o	y	y*	z-o	AA
R	144.118	126.061	0.000	174.112	154.066	0.000	327.230	1253.931	1054.826	R20
G	200.159	183.113	0.000	228.134	201.108	0.000	600.531	885.509	884.529	G20
S	207.171	270.135	269.120	315.166	200.140	207.156	845.509	828.483	827.499	S17
R	410.214	400.202	400.200	400.200	468.248	467.261	738.217	741.491	740.497	R20
R	827.302	820.526	800.372	655.371	620.301	837.307	588.372	571.345	570.361	R20
A	608.420	681.393	680.400	726.414	709.388	708.404	418.266	401.230	400.253	A24
V	797.468	780.461	779.470	825.483	808.456	807.472	347.229	330.202	329.213	V15
L	1008.578	911.569	909.570	926.531	909.569	908.520	248.168	231.139	230.155	L15
R	1028.611	1009.604	1008.620	1008.620	1007.589	1006.615	187.113	130.080	130.071	R10

sp | P62806 | H4_MOUSE

GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} R



sp | P62806 | H4_MOUSE

GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} R

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=58.55
- ▶ F115535.dat
- ▶ query=q3070_p1
- ▶ precursor=606.346790
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
G[1]	30.034	0.000	0.000	76.039	0.000	0.000	1211.626	1194.659	0.000	G[12]
G[2]	87.055	0.000	0.000	115.050	0.000	0.000	1154.654	1137.617	0.000	G[11]
T[3]	292.261	240.126	0.000	283.156	263.129	0.000	1007.611	1020.616	0.000	K[10]
G[4]	314.182	292.156	0.000	342.177	325.151	0.000	927.517	930.510	0.000	G[9]
L[5]	427.266	410.240	0.000	455.261	436.235	0.000	870.516	853.489	0.000	L[6]
G[6]	464.289	461.263	0.000	512.283	495.258	0.000	757.432	740.405	0.000	G[7]
K[7]	664.303	637.267	0.000	662.368	645.352	0.000	760.410	663.354	0.000	K[6]
G[8]	711.415	694.389	0.000	723.410	723.383	0.000	533.305	533.278	0.000	G[5]
G[9]	768.438	751.410	0.000	736.431	779.405	0.000	473.283	456.257	0.000	G[4]
A[10]	839.47	822.447	0.000	867.468	850.442	0.000	416.262	399.235	0.000	A[1]
K[11]	1009.577	992.552	0.000	1037.574	1020.547	0.000	345.224	328.198	0.000	K[2]
R[12]	1165.600	1148.653	0.000	1163.615	1176.648	0.000	175.119	158.002	0.000	R[1]

sp | P68433 | H31_MOUSE

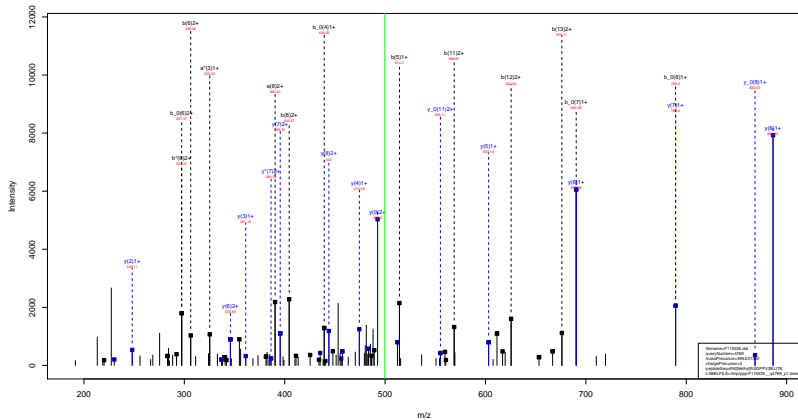
STGGK Acetyl APR
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.92
- ▶ F115535.dat
- ▶ query=q472_p1
- ▶ precursor=408.222510
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	y*	a,b	b	b*	b,b	y	y*	y,b	AA
S11	86.244	0.000	42.731	66.133	0.000	48.229	815.437	758.430	199.420	S10
T12	161.092	0.000	143.082	189.087	0.000	171.076	738.405	711.370	710.368	T11
G13	238.114	0.000	200.119	246.100	0.000	228.098	627.357	610.331	0.000	G00
G14	275.135	0.000	257.129	303.130	0.000	285.119	570.336	553.300	0.000	G05
K15	446.241	4.28214	427.230	473.235	436.209	455.225	513.314	496.280	0.000	K14
A16	516.278	4.00261	498.267	544.273	527.246	516.262	343.209	326.180	0.000	A15
P17	813.330	336.304	805.320	841.323	824.299	825.315	272.172	255.145	0.000	P12
R18	989.432	752.409	981.421	997.420	980.400	979.416	175.119	158.090	0.000	R11

sp | P15864 | H12_MOUSE

RK (Methyl)
(14.02) ASGPPVSELITK



sp | P15864 | H12_MOUSE

RK (Methyl) ASGPPVSELITK
(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=43.22
- ▶ F115535.dat
- ▶ query=q4769_p1
- ▶ precursor=499.631350
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
R1	120.111	117.057	0.000	157.108	140.082	0.000	146.080	147.003	147.009	R14
R2	177.104	174.050	0.000	209.113	192.087	0.000	190.079	191.002	191.008	R13
A3	342.261	335.235	0.000	375.265	355.230	0.000	358.660	359.641	359.637	A12
S4	472.253	471.200	411.281	457.269	446.262	435.278	437.631	438.609	438.620	S11
C5	486.315	485.262	484.260	514.318	499.281	498.262	499.660	499.671	499.668	C10
P6	558.307	555.251	555.251	611.362	594.330	593.301	593.671	593.682	593.679	P10
F7	680.420	681.369	680.410	708.411	691.380	690.405	696.524	696.496	696.514	F10
V8	770.469	767.462	767.470	807.464	790.457	789.473	790.472	792.448	791.461	V10
S9	866.512	860.466	860.520	894.515	877.469	876.540	691.403	692.377	692.369	S10
E10	895.503	895.517	897.551	923.558	906.532	905.548	691.371	596.545	596.561	E10
L11	1018.641	1001.621	1000.630	1139.642	1118.616	1118.612	474.320	457.302	456.318	L10
U12	1114.714	1104.700	1102.720	1240.720	1220.700	1220.700	361.248	360.248	360.248	U10
I13	1322.774	1320.713	1320.720	1450.774	1433.747	1433.747	258.100	257.135	250.150	I10
K14	1430.874	1431.807	1430.860	1470.869	1461.842	1460.869	147.110	149.088	0.000	K11

sp | P15864 | H12_MOUSE

RK^(Methyl) ASGPPVSELITK
(14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=43.22
- ▶ F115535.dat
- ▶ query=q4769_p1
- ▶ precursor=499.631350
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	γ	γ*	γΔ	AA
R[1]	55.898	135.567	0.504	18.298	18.298	0.504	142.443	140.438	20.558	K[4]
R[2]	138.118	127.592	0.504	135.113	144.509	0.504	670.874	682.385	261.908	K[13]
A[3]	137.834	158.121	0.504	189.432	137.418	0.504	369.830	561.324	360.832	A[12]
S[4]	215.130	206.837	206.140	229.140	220.534	220.142	384.317	355.277	555.314	S[11]
G[5]	243.002	235.143	234.999	267.999	249.249	249.249	509.262	512.269	111.146	G[10]
P[6]	292.187	283.674	283.182	306.185	297.672	297.180	492.292	483.779	483.287	P[9]
F[7]	346.714	337.809	337.708	354.711	346.198	345.706	441.766	435.251	334.961	F[8]
V[8]	390.248	381.735	381.243	404.245	395.732	395.240	395.239	386.726	386.234	V[7]
S[9]	433.764	425.251	425.150	447.761	439.248	439.248	343.763	337.192	336.100	S[6]
E[10]	499.283	489.772	489.280	512.283	503.769	503.777	352.120	293.676	293.184	E[9]
L[11]	554.827	546.314	546.212	568.825	560.311	559.819	237.660	229.155	228.663	L[10]
L[12]	611.369	602.856	602.755	625.367	616.854	616.862	181.125	172.612	172.121	L[11]
T[13]	678.797	670.284	670.792	693.795	685.282	684.790	126.569	118.056	117.565	T[12]
R[14]	725.941	717.427	717.326	740.933	732.420	731.933	74.080	65.547	65.054	R[13]

sp | P43274 | H14_MOUSE

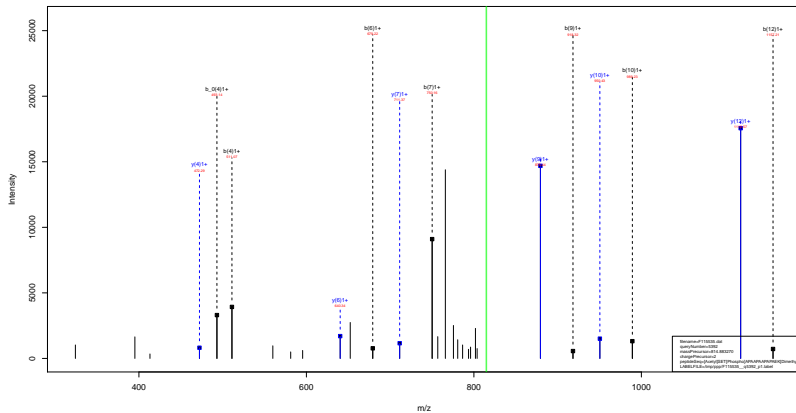
[Acetyl]SETAPAAPAAPAPAEK ^{Dimethyl}
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=51.26
- ▶ F115535.dat
- ▶ query=q4998.p1
- ▶ precursor=774.900190
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
S1	1021.050	0.000	496.984	1100.050	0.000	603.066	1049.160	1313.160	630.110	S104
E2	1031.050	0.000	214.984	202.050	0.000	211.160	542.160	1402.160	1401.710	E115
T3	1124.145	0.000	149.124	380.145	0.000	342.130	1200.145	1172.145	2122.095	T114
A4	1601.180	0.000	385.174	431.177	0.000	413.187	1180.180	1173.610	2171.644	A113
P5	1660.175	0.000	482.224	178.175	0.000	150.210	1118.620	1101.590	1101.610	P112
A6	1811.212	0.000	380.260	395.261	0.000	391.261	1099.212	1099.544	1099.550	A111
A7	1942.206	0.000	629.206	676.204	0.000	652.204	956.531	951.504	952.510	A100
P8	1736.202	0.000	170.202	138.204	0.000	141.200	879.493	862.493	861.413	P102
A9	1810.199	0.000	142.199	138.204	0.000	142.204	1012.199	1012.424	1012.434	A101
A10	1861.190	0.000	163.190	105.431	0.000	101.431	711.404	695.411	692.393	A103
P11	1716.488	0.000	360.478	1008.484	0.000	888.477	648.386	628.346	622.306	P105
A12	1949.526	0.000	1018.516	1077.521	0.000	1009.511	543.516	526.387	525.307	A105
T13	1146.519	0.000	111.519	1174.514	0.000	1136.519	412.247	405.250	404.266	T101
A14	1117.016	0.000	1190.006	1145.011	0.000	1127.010	105.216	103.110	101.213	A104
E15	1198.010	0.000	1120.041	1174.054	0.000	1138.043	104.110	101.110	100.110	E101
R16	1032.110	1448.710	1448.714	1030.780	1013.114	1032.780	175.110	168.110	0.000	R101

sp | P43274 | H14_MOUSE

[Acetyl]SET (Phospho) APAAPAAPAPAEK Dimethyl
(79.97) 28.03



sp | P43274 | H14_MOUSE

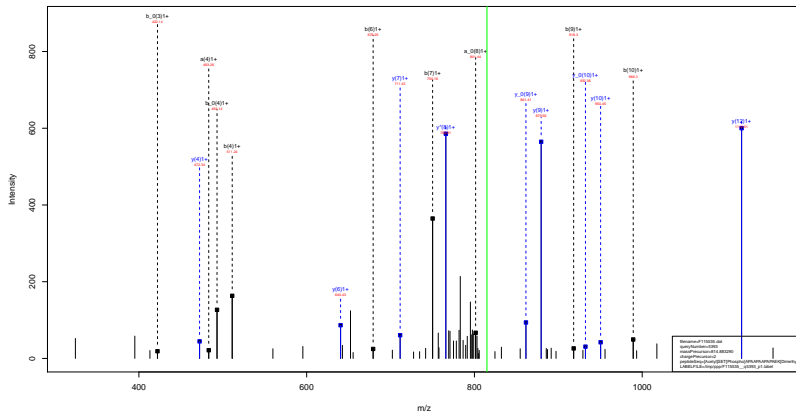
[Acetyl]SET^(Phospho) (79.97) APAAPAAPAPAEK^{Dimethyl} 28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.53
- ▶ F115535.dat
- ▶ query=q5392_p1
- ▶ precursor=814.883270
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S[1]	302.050	0.000	38.074	1.50004	0.000	12.210	366.114	1114.716	366.114	S[10]
E[2]	231.036	0.000	213.087	259.062	0.000	24.102	1469.714	1469.688	1469.704	E[15]
T[3]	412.112	0.000	266.101	446.100	0.000	4.21968	1371.647	1370.646	1370.646	T[14]
A[4]	365.134	0.000	465.138	511.144	0.000	493.133	1189.638	1172.613	1171.647	A[13]
P[5]	1283.202	0.000	352.191	679.213	0.000	581.189	1118.626	1101.594	1100.610	P[12]
A[6]	484.218	0.000	431.224	679.213	0.000	661.212	1448.541	1448.529	1448.529	A[11]
A[7]	222.016	0.000	759.253	759.271	0.000	732.250	950.531	933.505	932.537	A[10]
P[8]	319.430	0.000	308.416	847.421	0.000	828.419	879.493	862.491	861.481	P[9]
A[9]	394.356	0.000	372.355	918.360	0.000	893.358	72.424	705.414	704.431	A[8]
A[10]	491.403	0.000	343.392	901.393	0.000	871.389	711.404	698.379	697.393	A[7]
P[11]	1558.450	0.000	1040.443	1088.434	0.000	1068.430	640.366	623.340	622.356	P[10]
A[12]	1139.493	0.000	1111.482	1157.487	0.000	1138.477	573.374	556.367	555.383	A[6]
P[13]	1508.518	0.000	1268.503	1299.500	0.000	1236.503	472.217	465.200	464.208	P[11]
A[14]	1207.552	0.000	1276.574	1325.571	0.000	1301.570	316.216	308.191	307.213	A[5]
E[15]	1436.625	0.000	1408.614	1454.611	0.000	1438.609	304.187	297.169	296.176	E[12]
K[16]	1550.711	3265.725	1594.741	1630.746	3305.720	1592.738	175.144	158.116	0.000	K[16]

sp | P43274 | H14_MOUSE

[Acetyl]SET (Phospho) APAAPAAPAPAEK Dimethyl
(79.97) 28.03



sp | P43274 | H14_MOUSE

[Acetyl]SET (Phospho) APAAPAAPAPAEK Dimethyl
(79.97) 28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=41.81
- ▶ F115535.dat
- ▶ query=q5393_p1
- ▶ precursor=814.883290
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA
S[1]	102.055	0.000	98.041	1.00000	0.000	112.000	1626.797	1811.750	1810.746	S[10]
E[2]	231.098	0.000	213.087	259.092	0.000	251.082	1480.732	1480.688	1481.704	E[15]
T[3]	412.112	0.000	386.103	446.106	0.000	422.094	1370.670	1355.645	1370.566	T[14]
A[4]	483.140	0.000	465.135	511.144	0.000	493.133	1180.650	1172.631	1171.647	A[13]
P[5]	680.201	0.000	562.190	628.203	0.000	561.189	1110.620	1100.594	1100.610	P[12]
A[6]	812.218	0.000	693.208	749.213	0.000	691.201	1010.580	1000.541	1000.560	A[11]
A[7]	722.219	0.000	599.205	790.211	0.000	732.200	850.531	835.505	832.520	A[10]
P[8]	810.230	0.000	691.218	847.221	0.000	689.211	870.493	862.461	861.483	P[9]
A[9]	990.266	0.000	872.255	1018.260	0.000	869.250	752.431	745.414	744.430	A[8]
A[10]	891.268	0.000	769.256	909.260	0.000	819.249	711.404	696.379	695.395	A[7]
P[11]	1028.405	0.000	1000.401	1098.405	0.000	1096.400	640.316	625.300	622.316	P[10]
A[12]	1170.493	0.000	1111.482	1157.487	0.000	1139.477	563.334	526.287	525.303	A[6]
P[13]	1228.548	0.000	1168.538	1234.540	0.000	1233.534	472.277	436.250	434.266	P[8]
A[14]	1299.582	0.000	1239.572	1325.577	0.000	1307.561	375.222	358.191	357.213	A[5]
E[15]	1430.672	0.000	1408.651	1454.655	0.000	1431.649	304.187	287.160	286.176	E[1]
K[16]	1687.751	1589.720	1564.741	1610.746	1697.730	1582.710	175.144	158.110	0.000	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SET (Phospho) APAAPAAPAPAEK Dimethyl
(79.97) 28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.69
- ▶ F115535.dat
- ▶ query=q5395_p1
- ▶ precursor=814.884090
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀ ^b	b	b*	b ₀ ^c	y	y*	y ₀ ^d	AA
S[1]	102.055	0.000	68.041	130.000	0.000	112.000	1626.797	1811.750	1810.746	S[16]
E[2]	231.098	0.000	213.087	259.092	0.000	241.082	1480.732	1480.689	1481.704	E[15]
T[3]	412.112	0.000	386.103	446.106	0.000	429.099	1370.637	1350.645	1370.566	T[14]
A[4]	485.149	0.000	465.138	511.144	0.000	491.133	1180.650	1172.651	1171.647	A[13]
P[5]	1080.201	0.000	982.180	1048.213	0.000	960.180	1118.620	1109.594	1108.610	P[12]
A[6]	1141.218	0.000	1012.200	1078.213	0.000	981.201	1011.611	1009.541	1008.610	A[11]
A[7]	1222.219	0.000	1093.202	1160.211	0.000	1102.200	850.531	839.504	838.530	A[10]
P[8]	1312.220	0.000	1084.210	1047.221	0.000	869.211	870.493	862.461	861.480	P[9]
A[9]	1390.266	0.000	1072.255	1115.260	0.000	860.260	782.432	768.414	764.430	A[8]
A[10]	1491.268	0.000	1043.260	1088.265	0.000	819.260	711.404	699.374	698.400	A[7]
P[11]	1558.265	0.000	1040.243	1088.260	0.000	1086.240	640.316	623.340	622.316	P[10]
A[12]	1170.263	0.000	1111.260	1117.267	0.000	1120.267	563.314	526.287	525.310	A[6]
P[13]	1026.248	0.000	1048.230	1054.240	0.000	1238.230	412.277	405.250	404.266	P[11]
A[14]	1209.262	0.000	1219.272	1225.277	0.000	1307.270	370.222	358.191	357.213	A[5]
E[15]	1430.272	0.000	1438.271	1454.270	0.000	1431.269	304.187	287.160	286.176	E[12]
K[16]	1687.251	1.000	1564.242	1610.246	1.000	1562.240	175.144	158.110	0.000	K[10]

sp | P43276 | H15_MOUSE

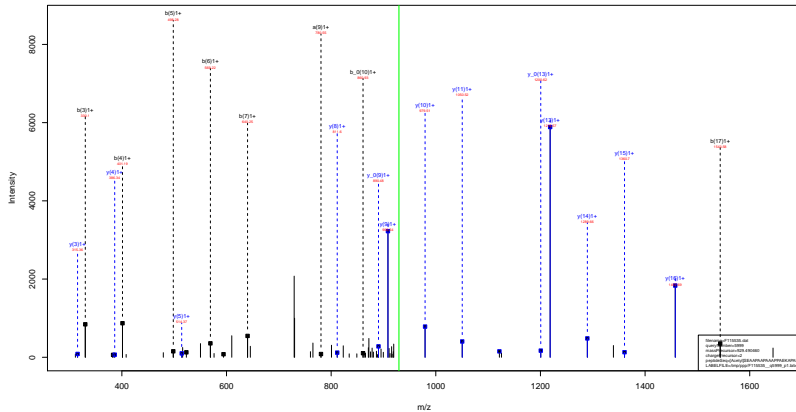
[Acetyl]SET^{Phospho} APAETAAPAPVEK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=62.72
- ▶ F115535.dat
- ▶ query=q5559.p1
- ▶ precursor=845.883120
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	x	x*	y	y*	b	b*	y	y*	AA
E[1]	203.050	0.000	349.044	1.00000	0.000	142.050	1090.761	1074.711	203.047
E[2]	233.056	0.000	213.087	256.082	0.000	291.082	1361.710	1344.868	233.054
T[1]	433.143	0.000	304.101	440.100	0.000	422.096	1453.707	1415.845	433.140
A[4]	483.149	0.000	466.130	511.144	0.000	493.133	1251.658	1234.515	483.147
P[5]	580.202	0.000	542.181	628.180	0.000	560.180	1180.621	1163.504	1162.610
A[6]	680.219	0.000	633.208	729.210	0.000	661.210	1098.742	1080.569	680.217
E[7]	700.281	0.000	762.271	808.276	0.000	780.276	1012.531	995.504	700.279
T[8]	801.320	0.000	813.318	899.314	0.000	811.314	853.489	836.362	801.318
A[9]	874.360	0.000	834.351	920.347	0.000	862.350	782.441	765.414	874.358
A[10]	1021.403	0.000	1005.392	1091.387	0.000	1033.387	711.405	694.377	1021.401
P[11]	1130.439	0.000	1102.443	1148.431	0.000	1131.440	640.366	623.340	1130.437
A[12]	1205.453	0.000	1173.462	1219.449	0.000	1201.437	591.319	576.287	1205.451
P[13]	1238.456	0.000	1216.453	1210.444	0.000	1230.432	472.271	455.250	1238.454
V[14]	1307.454	0.000	1289.464	1415.469	0.000	1307.460	395.255	384.231	1307.452
E[15]	1359.453	0.000	1408.468	1444.457	0.000	1359.461	276.155	268.139	1359.451
A[16]	1444.455	0.000	1400.464	1492.474	0.000	1443.470	147.111	133.080	1444.453

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEKAPAK



sp | P15864 | H12_MOUSE

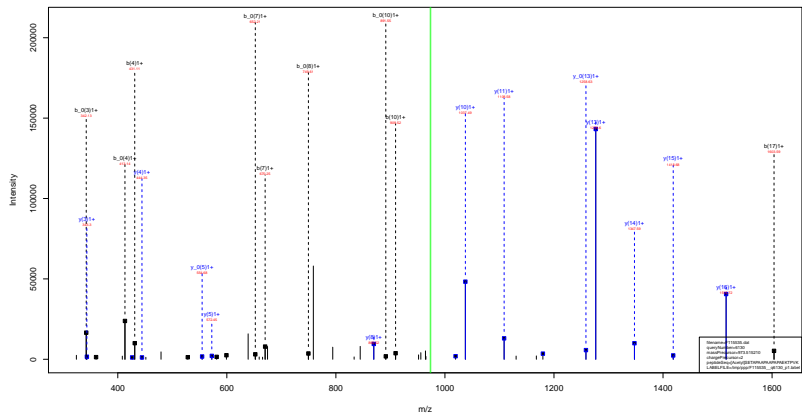
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- ▶ fragmentation table for charge state 1+
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- ▶ F115535.dat
- ▶ query=q5999_p1
- ▶ precursor=929.490460
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	r	r*	r β	AA
S 1	251.026	0.000	46.544	136.080	0.000	112.713	109.071	1346.344	1018.966	S 20
E 2	251.026	0.000	215.087	259.092	0.000	251.052	1728.920	2711.901	1119.917	E 19
A 3	302.130	0.000	264.124	130.130	0.000	192.119	1690.885	2342.859	1011.875	A 18
A 4	353.174	0.000	315.161	401.167	0.000	383.156	1728.895	2511.822	1513.838	A 17
P 5	410.228	0.000	426.244	408.218	0.000	400.209	1457.811	1746.785	2478.811	P 16
A 6	541.262	0.000	523.251	568.257	0.000	551.240	1380.750	1343.732	1343.748	A 15
A 7	512.266	0.000	594.288	640.294	0.000	627.281	1286.721	1272.695	1272.711	A 14
T 8	678.313	0.000	589.344	729.344	0.000	719.333	1212.684	1210.669	1200.674	T 13
A 9	798.318	0.000	742.316	868.314	0.000	780.311	1121.631	1104.605	1101.611	A 12
A 10	851.420	0.000	814.419	874.411	0.000	860.411	1050.598	1033.589	1032.584	A 11
A 11	851.420	0.000	1004.420	1062.410	0.000	1042.410	974.557	962.541	961.544	A 10
P 12	1019.410	0.000	1004.420	1047.411	0.000	1029.420	900.520	885.493	890.509	P 9
P 13	1116.508	0.000	1098.508	1144.501	0.000	1126.510	811.467	794.441	793.457	P 8
A 14	1187.606	0.000	1168.606	1215.600	0.000	1187.602	714.414	697.388	696.404	A 7
E 15	1204.606	0.000	1200.606	1244.601	0.000	1200.612	643.391	626.365	625.371	E 6
R 16	1444.742	1437.711	1410.711	1477.710	1465.711	1454.712	514.335	497.309	0.000	R 5
A 17	1515.780	1498.753	1497.750	1543.775	1526.750	1525.750	386.240	369.211	0.000	A 4
P 18	1512.810	1498.822	1498.822	1516.822	1513.811	1512.811	310.263	293.234	0.000	P 4
A 19	1563.916	1556.844	1555.845	1711.845	1594.836	1593.834	233.215	205.125	0.000	A 3
R 20	1611.000	1594.938	1593.964	1622.931	1621.949	1621.949	147.111	133.064	0.000	R 3

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVK



sp | P43274 | H14_MOUSE

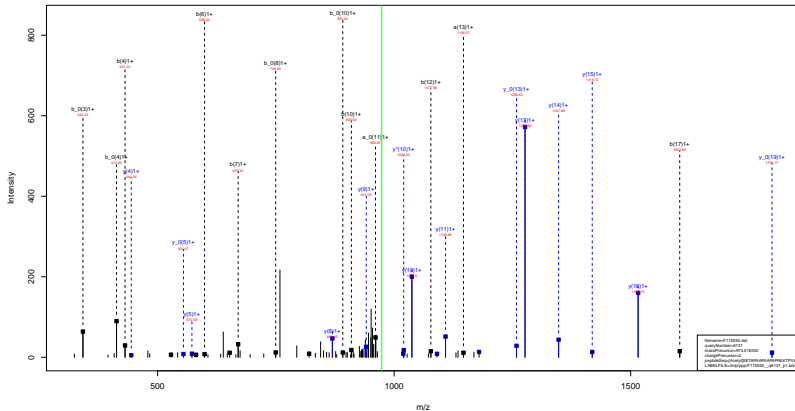
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- ▶ F115535.dat
- ▶ query=q6130.p1
- ▶ precursor=973.515210
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	r	r*	r β	AA
S 1	251.050	0.000	46.044	136.000	0.000	112.733	1046.101	1046.101	1046.101	S 10
E 2	251.050	0.000	215.087	259.000	0.000	251.050	1816.955	1816.955	1816.955	E 10
T 3	332.140	0.000	314.130	360.140	0.000	342.130	1687.836	1687.836	1687.836	T 10
A 4	403.130	0.000	388.172	431.177	0.000	413.167	1356.707	1356.707	1356.707	A 10
P 5	500.170	0.000	484.226	526.120	0.000	510.169	1515.851	1515.851	1515.851	P 10
A 6	571.212	0.000	555.263	599.267	0.000	581.257	1418.800	1418.800	1418.800	A 15
T 7	642.200	0.000	624.200	670.204	0.000	652.204	1347.763	1347.763	1347.763	T 14
T 8	678.200	0.000	722.200	769.200	0.000	740.200	1274.720	1274.720	1274.720	T 13
A 9	816.200	0.000	792.200	838.204	0.000	810.204	1174.673	1174.673	1174.673	A 12
A 10	881.430	0.000	863.430	909.431	0.000	891.431	1100.630	1100.630	1100.630	A 11
P 11	1016.430	0.000	998.430	1046.434	0.000	1020.434	1037.599	1037.599	1037.599	P 10
A 12	1146.430	0.000	1128.430	1177.431	0.000	1159.431	944.544	944.544	944.544	A 9
P 13	1146.430	0.000	1128.430	1174.574	0.000	1156.574	868.500	868.500	868.500	P 8
A 14	1217.430	0.000	1199.430	1249.511	0.000	1227.511	772.450	772.450	772.450	A 7
E 15	1386.430	0.000	1358.430	1414.504	0.000	1376.504	654.341	654.341	654.341	E 6
R 16	1474.704	1457.722	1450.743	1502.749	1486.722	1484.720	572.371	550.360	554.360	R 5
T 17	1515.200	1508.720	1507.700	1603.706	1586.720	1583.720	444.282	422.255	426.271	T 4
T 18	1572.210	1565.730	1564.710	1616.710	1603.720	1601.720	343.234	326.207	326.207	T 3
V 19	1771.522	1764.030	1753.010	1799.017	1782.001	1781.000	246.010	225.000	225.000	V 2
K 20	1893.011	1885.000	1880.001	1928.012	1911.000	1910.000	147.111	133.000	0.000	K 1

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVK



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
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- ▶ F115535.dat
- ▶ query=q6131.p1
- ▶ precursor=973.516330
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S[1]	302.086	0.000	30.043	130.060	0.000	112.016	100.023	100.000	110.017	S[2]
E[2]	244.098	0.000	24.018	100.062	0.000	91.003	101.000	110.000	110.000	E[16]
T[3]	332.141	0.000	33.111	160.140	0.000	142.130	100.000	100.000	100.000	T[10]
A[4]	405.182	0.000	39.177	170.177	0.000	111.167	100.000	100.000	100.000	A[17]
T[5]	400.200	0.000	40.000	170.200	0.000	110.000	100.000	100.000	100.000	T[16]
A[6]	571.272	0.000	55.262	290.267	0.000	181.257	1418.800	1401.774	1400.760	A[25]
A[7]	642.319	0.000	62.309	320.304	0.000	162.294	1347.763	1330.737	1330.737	A[24]
T[8]	700.362	0.000	69.352	350.357	0.000	170.346	1276.730	1259.699	1258.735	T[13]
A[9]	810.399	0.000	79.389	400.394	0.000	180.384	1178.673	1163.647	1163.647	A[23]
A[10]	881.436	0.000	86.426	450.431	0.000	191.421	1108.636	1093.610	1093.610	A[22]
T[11]	918.458	0.000	90.448	460.454	0.000	188.441	1037.599	1020.572	1019.588	T[18]
A[12]	1048.510	0.000	102.510	507.511	0.000	207.511	940.546	925.520	925.520	A[21]
P[13]	1148.579	0.000	112.569	517.574	0.000	110.565	860.509	854.483	854.489	P[8]
A[14]	1217.616	0.000	119.606	526.611	0.000	117.603	772.460	758.434	758.440	A[20]
T[15]	1346.668	0.000	132.658	576.654	0.000	130.654	667.419	653.393	653.400	T[15]
K[16]	1474.714	1407.707	1454.741	602.749	1400.742	1404.738	572.377	568.350	554.366	K[15]
T[17]	1576.801	1508.793	1557.789	1603.796	1506.790	1505.785	444.382	442.355	438.371	T[14]
T[18]	1670.844	1602.836	1604.844	1610.849	1603.843	1603.838	326.326	324.300	320.316	T[12]
V[19]	1771.822	1704.814	1713.813	1719.817	1712.811	1711.806	206.181	205.155	200.171	V[2]
K[20]	1808.817	1802.809	1802.809	1803.812	1801.806	1801.800	147.111	130.000	130.000	K[1]

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=95.91
- ▶ F115535.dat
- ▶ query=q6132.p1
- ▶ precursor=973.516380
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
S 1	201.098	0.000	46.944	136.099	0.000	112.719	194.010	194.010	194.010	S 20
E 2	251.098	0.000	215.087	259.092	0.000	251.092	1816.991	1816.991	1816.991	E 19
I 3	302.140	0.000	314.139	360.149	0.000	342.130	1687.636	1687.636	1687.636	I 18
A 4	403.182	0.000	388.172	431.177	0.000	413.167	1356.191	1356.191	1356.191	A 17
P 5	500.226	0.000	484.226	528.224	0.000	510.219	1515.851	1515.851	1515.851	P 16
A 6	571.272	0.000	555.262	599.267	0.000	581.257	1418.800	1418.800	1418.800	A 15
T 7	642.309	0.000	624.300	670.304	0.000	652.294	1347.763	1347.763	1347.763	T 14
T 8	678.303	0.000	722.302	769.307	0.000	740.306	1276.726	1276.726	1276.726	T 13
A 9	818.366	0.000	792.366	838.364	0.000	810.361	1178.673	1178.673	1178.673	A 12
A 10	861.430	0.000	834.430	899.431	0.000	891.431	1109.636	1109.636	1109.636	A 11
F 11	1016.474	0.000	1000.474	1036.464	0.000	1010.471	1037.599	1037.599	1037.599	F 10
A 12	1249.528	0.000	1233.528	1277.521	0.000	1259.524	910.549	910.549	910.549	A 9
P 13	1446.579	0.000	1430.579	1474.574	0.000	1456.576	869.509	869.509	869.509	P 8
A 14	1617.635	0.000	1599.635	1645.631	0.000	1627.632	772.455	772.455	772.455	A 7
E 15	1786.690	0.000	1770.690	1816.684	0.000	1796.687	701.401	701.401	701.401	E 6
R 16	1874.754	1457.722	1410.743	1562.749	1486.722	1484.720	572.371	555.360	554.366	R 5
L 17	1975.801	1538.731	1537.730	1863.796	1586.730	1581.728	444.282	427.252	426.211	L 4
T 18	2172.854	1631.810	1634.814	1709.819	1633.812	1631.810	343.234	326.207	325.000	T 3
V 19	2371.922	1734.899	1735.923	1799.927	1732.921	1731.920	249.183	235.155	233.000	V 2
K 20	2603.011	1882.998	1883.011	1929.012	1881.998	1881.000	147.111	133.086	0.000	K 1

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
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- ▶ F115535.dat
- ▶ query=q6133.p1
- ▶ precursor=973.516930
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a:2	b	b'	b:2	y	y'	y:2	AA
S1	100.000	0.000	46.644	130.000	0.000	112.000	1444.021	0.000	118.002	S20
E2	112.000	0.000	213.000	259.000	0.000	241.000	1829.000	1799.034	1799.000	E19
T3	132.145	0.000	114.130	160.140	0.000	342.130	1487.838	1870.001	1688.927	T18
A4	403.105	0.000	385.172	431.177	0.000	413.167	1500.000	1369.004	1588.000	A17
F5	500.000	0.000	482.000	538.000	0.000	520.000	1615.000	1515.053	1448.000	F16
A6	571.272	0.000	503.260	509.267	0.000	581.251	1418.000	1401.994	1400.700	A15
A7	542.200	0.000	524.200	570.204	0.000	652.204	1347.763	1330.731	1327.000	A14
T8	738.000	0.000	721.000	789.000	0.000	740.240	1276.720	1259.000	1258.715	T13
A9	838.500	0.000	742.500	838.504	0.000	820.500	1179.673	1163.047	1161.000	A12
A10	881.430	0.000	854.430	900.431	0.000	891.421	1110.630	1093.610	1090.000	A11
F11	918.400	0.000	882.410	938.404	0.000	920.410	1037.509	1020.512	1019.588	F10
A12	1049.500	0.000	1011.510	1077.503	0.000	1059.510	940.500	923.500	920.000	A10
F13	1146.000	0.000	1128.000	1174.004	0.000	1156.000	866.500	853.483	851.400	F10
A14	1217.415	0.000	1199.000	1245.011	0.000	1227.000	772.450	759.430	754.440	A7
T15	1346.000	0.000	1328.000	1374.004	0.000	1356.000	680.410	668.383	663.000	T10
R16	1474.754	1457.770	1456.743	1502.748	1485.770	1468.770	572.377	555.350	554.360	R10
T17	1575.000	1558.770	1557.761	1863.796	1846.770	1835.760	444.382	437.250	426.271	T10
F18	1694.000	1678.000	1658.000	1704.000	1688.000	1678.000	343.234	336.200	335.000	F10
V19	1771.000	1754.000	1735.012	1799.017	1782.000	1771.000	245.000	239.000	238.000	V10
R20	1800.000	1780.000	1760.000	1810.000	1790.000	1780.000	147.111	130.000	0.000	R10

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAK

- ▶ fragmentation table for charge state 1+
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- ▶ precursor=997.508430
- ▶ chargePrecursor=2
- ▶ itol=0.5

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S1	1321.000	0.000	460.044	732.000	0.000	112.000	1194.000	1176.000	1176.000	S20
E2	1312.000	0.000	213.000	259.000	0.000	251.000	1024.000	1047.000	1047.000	E19
T13	1321.145	0.000	314.130	160.140	0.000	342.130	1178.020	1178.000	1177.862	T10
A4	1053.105	0.000	305.172	431.177	0.000	413.167	1534.070	1531.040	1530.004	A17
F3	1300.100	0.000	442.225	418.000	0.000	500.000	1161.830	1144.000	1144.827	F10
A6	1111.212	0.000	303.260	389.000	0.000	381.251	1440.700	1440.700	1440.700	A15
E7	1301.110	0.000	184.304	738.110	0.000	170.200	1395.740	1395.740	1397.710	E14
T16	1101.100	0.000	193.700	479.357	0.000	411.341	1256.700	1249.670	1248.000	T13
A9	1172.400	0.000	104.380	900.395	0.000	882.384	1165.450	1145.000	1147.040	A12
A10	1011.411	0.000	1104.100	971.432	0.000	951.421	1094.620	1077.000	1076.610	A13
F11	1194.100	0.000	1022.410	1000.000	0.000	1000.410	1071.540	1000.500	1005.513	F10
A12	1111.100	0.000	1093.110	1110.000	0.000	1121.110	928.531	1000.000	1000.000	A10
F15	1108.110	0.000	1191.040	1110.000	0.000	1110.040	855.491	1000.000	1000.000	F10
V14	1107.040	0.000	1209.030	1130.040	0.000	1117.030	790.440	741.410	740.430	V17
E15	1176.040	0.000	1111.000	1040.000	0.000	1140.000	850.372	1000.000	1000.000	E10
R16	1164.100	1147.710	1140.710	1000.000	1147.710	1074.710	530.330	513.360	512.310	R10
S17	1051.011	1034.701	1033.007	1079.812	1000.710	1061.001	402.330	384.720	384.720	S14
F18	1142.110	1110.000	1110.000	1110.000	1110.000	1110.000	315.201	298.170	298.170	F10
A19	1110.100	1002.000	1001.000	1047.000	1000.000	1020.000	210.000	201.110	200.000	A12
R20	1140.100	1000.000	1020.000	1010.000	1000.000	1007.000	147.110	130.000	130.000	R10

sp | P43274 | H14_MOUSE

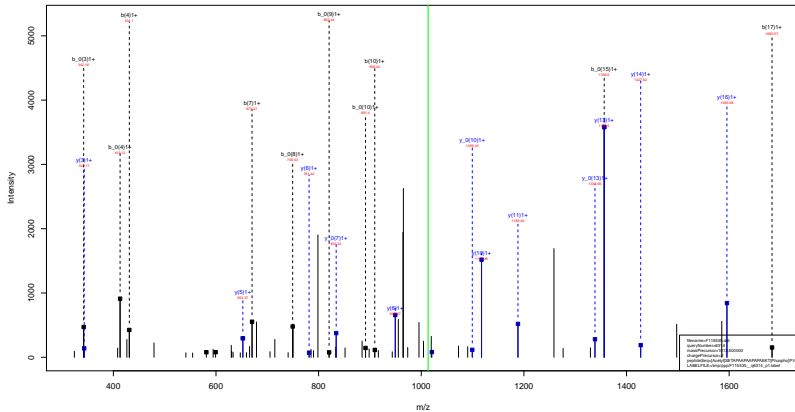
[Acetyl]SETAPAAPAAPAPAEKT^{Phospho} PVK
79.97

- ▶ fragmentation table for charge state 1+
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- ▶ precursor=1013.499300
- ▶ chargePrecursor=2
- ▶ itol=0.5

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S1	1321.000	0.000	466.044	1321.000	0.000	1321.000	2626.000	2626.000	2626.000	S1
E2	432.000	0.000	213.000	259.000	0.000	259.000	1195.000	1195.000	1195.000	E2
T3	132.145	0.000	114.130	160.140	0.000	342.130	1180.000	1170.870	1170.884	T3
A4	405.105	0.000	385.172	431.177	0.000	413.167	1660.000	1649.830	1649.846	A4
F5	500.200	0.000	442.225	438.200	0.000	519.200	1558.210	1519.793	1517.809	F5
A6	371.212	0.000	305.260	359.267	0.000	581.257	1448.000	1441.740	1440.795	A6
A7	1242.200	0.000	1242.200	170.204	0.000	652.204	1427.229	1410.703	1410.719	A7
F8	178.300	0.000	171.300	167.300	0.000	740.345	1335.000	1339.000	1338.002	F8
A9	100.300	0.000	162.300	158.300	0.000	820.304	1220.000	1242.000	1241.000	A9
A10	101.400	0.000	163.400	169.431	0.000	891.421	1188.602	1113.610	1110.602	A10
F11	118.400	0.000	109.410	108.400	0.000	165.410	1117.585	1100.520	1099.500	F11
A12	1249.100	0.000	1011.100	1017.100	0.000	1019.100	1967.100	1967.100	1967.100	A12
F13	1146.100	0.000	1118.100	1114.100	0.000	1116.100	948.475	913.444	931.465	F13
A14	1217.100	0.000	1199.100	1245.100	0.000	1227.100	1852.100	1852.100	835.396	A14
F15	1146.000	0.000	1120.000	1114.000	0.000	1326.443	191.000	194.000	193.000	F15
R16	1474.754	1457.722	1456.743	1552.749	1455.722	1454.730	652.343	655.310	654.322	R16
T17	1055.700	1038.741	1037.757	1063.763	1056.716	1055.702	124.260	107.221	106.237	T17
F18	1162.000	1145.000	1144.000	1160.000	1159.000	1158.000	245.234	245.200	245.165	F18
V19	1351.000	1334.000	1333.000	1352.000	1351.000	1350.000	245.100	245.100	245.100	V19
K20	1019.000	1002.000	1001.000	1018.000	1017.000	1016.000	147.110	147.100	147.100	K20

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAEKT^{Phospho} PVK
79.97



sp | P43274 | H14_MOUSE

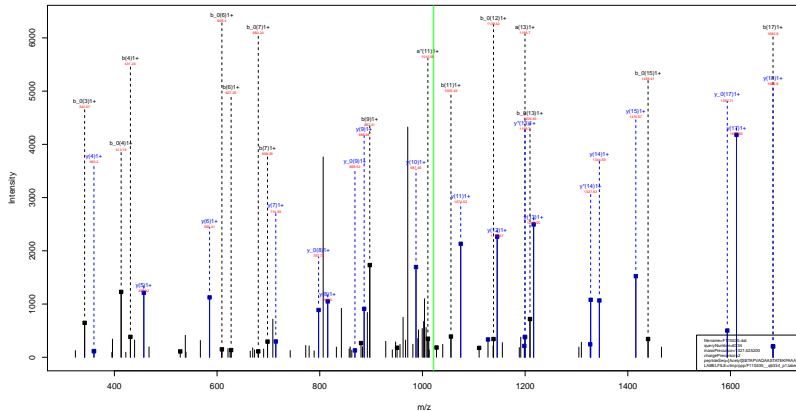
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- ▶ query=q6314.p1
- ▶ precursor=1013.50000
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a,2	b	b'	b,2	y	y'	y,2	AA
S1	100.000	0.000	46.044	130.000	0.000	142.000	202.000	202.000	202.000	S1
E2	131.000	0.000	213.000	252.000	0.000	261.000	1105.000	1179.000	1179.000	E2
T3	152.145	0.000	314.135	360.140	0.000	342.130	1187.004	1170.878	1174.884	T3
A4	405.105	0.000	385.172	431.177	0.000	413.167	1060.000	1049.830	1048.048	A4
P5	500.000	0.000	442.000	438.000	0.000	519.000	1558.118	1519.793	1517.800	P5
A6	571.292	0.000	505.260	509.267	0.000	581.257	1488.000	1481.740	1480.790	A6
A7	542.200	0.000	524.200	670.204	0.000	652.204	1427.729	1410.700	1409.710	A7
T8	178.300	0.000	713.300	707.300	0.000	740.345	1358.000	1339.800	1338.602	T8
A9	638.300	0.000	742.300	838.304	0.000	820.384	1220.000	1242.815	1241.000	A9
A10	681.400	0.000	683.400	909.431	0.000	891.421	1188.600	1113.510	1110.900	A10
T11	118.400	0.000	692.410	698.404	0.000	765.410	1117.500	1100.500	1099.555	T11
A12	1049.500	0.000	1011.510	1017.510	0.000	1019.510	1002.000	1002.000	1002.000	A12
P13	1146.510	0.000	1118.508	1174.514	0.000	1156.505	848.475	814.444	811.465	P13
A14	1217.415	0.000	1199.408	1249.411	0.000	1227.405	852.423	835.366	834.412	A14
T15	1146.400	0.000	1130.400	1174.404	0.000	1306.443	781.388	784.300	781.378	T15
R16	1474.754	1457.722	1456.743	1502.748	1485.722	1484.730	652.343	655.310	654.321	R16
T17	1055.700	1038.741	1037.757	1063.763	1066.716	1065.762	624.240	587.221	586.217	T17
P18	1362.800	1349.790	1348.810	1394.809	1393.800	1392.800	343.234	339.260	338.260	P18
V19	1351.500	1334.852	1333.870	1372.864	1371.857	1371.871	246.151	249.155	248.150	V19
K20	1019.504	1002.850	1001.870	1047.874	1046.864	1045.860	147.111	130.000	0.000	K20

sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAAS¹⁶TEKPAAAK



sp | P43275 | H11_MOUSE

[Acetyl]SETAPVAQAASSTATEKPA⁺AAK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=108.59
- ▶ F115535.dat
- ▶ query=q6334.p1
- ▶ precursor=1021.525200
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	b	a+b	b	b ²	b ²	b	a ²	a+b	AA
E1	1211.068	0.000	1211.068	0.000	0.000	0.000	0.000	0.000	1211.068	E20
E2	1111.068	0.000	1111.068	0.000	0.000	0.000	0.000	0.000	1111.068	E19
T13	1037.145	0.000	1037.145	300.140	0.000	302.130	0.000	0.000	1037.145	T108
A14	937.145	0.000	937.145	421.177	0.000	413.187	0.000	0.000	937.145	A109
P15	837.145	0.000	837.145	528.230	0.000	520.268	0.000	0.000	837.145	P17
V16	737.145	0.000	737.145	627.260	0.000	609.268	0.000	0.000	737.145	V106
A17	637.145	0.000	637.145	698.330	0.000	660.325	0.000	0.000	637.145	A10
Q18	537.145	0.000	537.145	750.350	0.000	702.340	0.000	0.000	537.145	Q14
A19	437.145	0.000	437.145	781.420	0.000	733.410	0.000	0.000	437.145	A13
A10	337.145	0.000	337.145	802.490	0.000	754.480	0.000	0.000	337.145	A12
S10	1027.505	8018.478	1027.505	1005.500	1005.500	1005.500	1005.500	1005.500	1027.505	S21
T12	1128.633	1181.627	1110.543	1108.640	1139.622	1108.537	887.547	888.520	889.539	T108
A11	1198.580	1187.649	1181.627	1180.700	1211.679	1198.575	886.488	887.441	884.489	A18
T14	1100.730	1203.613	1200.620	1200.620	1211.708	1200.620	815.462	795.435	797.452	T18
E15	1020.681	1401.604	1411.670	1407.670	1440.640	1439.685	714.414	687.388	688.404	E17
T16	1007.670	1400.580	1400.580	1400.580	1400.580	1400.580	702.372	680.345	681.360	T16
P17	914.610	1317.602	1317.602	1317.602	1317.602	1317.602	657.277	645.250	646.265	P17
A18	820.685	1198.609	1197.600	1193.600	1193.600	640.224	643.198	640.000	641.015	A14
A19	726.660	1178.610	1178.610	1174.610	1174.610	1174.610	600.110	600.110	600.110	A13
A20	632.640	1090.613	1090.613	1086.613	1086.613	1086.613	558.010	558.010	558.010	A12
K21	538.620	1000.616	1000.616	1000.616	1000.616	1000.616	516.110	516.110	516.110	K13

sp | P15864 | H12_MOUSE

[Acetyl]S^{Phospho}_{79.97} EAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=53.66
- ▶ F115535.dat
- ▶ query=q6359_p1
- ▶ precursor=689.349330
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
S	1	182.021	0.000	184.011	2010.010	0.000	182.000	2009.010	2049.020	2048.021	S(2)
E	2	131.064	0.000	281.051	220.000	0.000	131.040	1897.021	1839.060	1838.012	E(2)
A	3	102.010	0.000	184.000	418.000	0.000	102.000	1727.060	1719.064	1709.010	A(3)
A	4	455.030	0.000	455.120	481.133	0.000	453.120	1656.941	1619.911	1618.913	A(4)
P	5	350.010	0.000	132.100	379.100	0.000	349.100	1350.000	1350.000	1349.000	P(5)
A	6	624.220	0.000	624.211	1402.211	0.000	624.212	1420.000	1417.800	1416.043	A(6)
A	7	692.200	0.000	674.255	720.260	0.000	692.200	1417.810	1400.700	1399.800	A(7)
P	8	396.310	0.000	371.301	387.313	0.000	396.300	1346.770	1328.753	1328.768	P(8)
A	9	380.300	0.000	342.301	380.300	0.000	379.300	1249.720	1232.700	1231.710	A(9)
A	10	438.300	0.000	341.300	389.301	0.000	437.300	1218.000	1214.000	1213.000	A(10)
A	11	1000.000	0.000	994.410	1000.000	0.000	1012.414	1107.000	1099.000	1099.047	A(11)
P	12	1099.000	0.000	1081.411	1127.411	0.000	1109.400	1030.000	1018.000	1018.004	P(12)
P	13	1136.030	0.000	1120.524	1224.530	0.000	1136.510	930.560	922.530	921.532	P(13)
A	14	1287.010	0.000	1240.501	1299.501	0.000	1277.000	840.500	828.481	824.600	A(14)
E	15	1198.014	0.000	1178.004	1424.000	0.000	1198.500	771.472	764.440	751.462	E(15)
K	16	1124.700	1001.000	1100.000	1150.700	1001.000	1034.000	682.430	674.401	660.000	K(16)
A	17	1105.014	1019.010	1077.000	1124.014	1006.014	1020.010	518.130	497.200	480.000	A(17)
P	18	1200.700	1035.713	1074.500	1120.700	1103.700	1102.704	441.200	425.201	410.000	P(18)
A	19	1163.030	1046.030	1140.000	1174.030	1174.030	1174.030	340.740	329.210	300.000	A(19)
K	20	1091.011	1074.000	1074.001	1010.000	1002.000	1001.010	275.200	268.181	260.000	K(20)
K	21	1030.010	1001.000	1001.011	1040.011	1030.000	1030.011	147.110	130.000	100.000	K(21)

sp | P15864 | H12_MOUSE

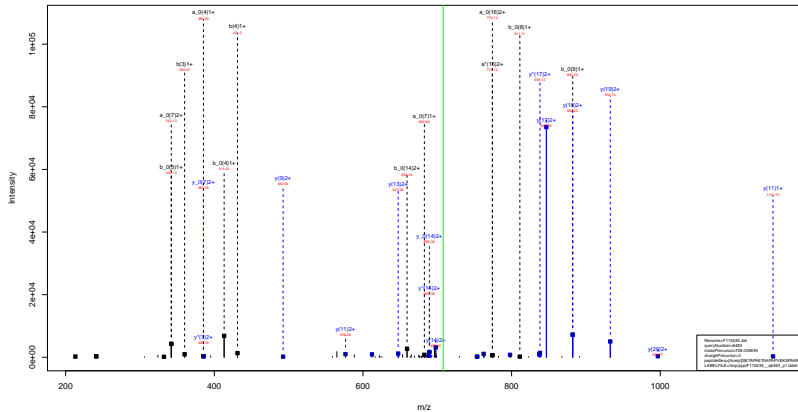
[Acetyl]S^{Phospho}_{79.97} EAAPAAPAAAPPAEKAPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=53.66
- ▶ F115535.dat
- ▶ query=q6359_p1
- ▶ precursor=689.349330
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a ₀ β	b	b'	b ₀ β	y	y'	y ₀ β	AA	
S	1	91.634	0.504	82.559	305.512	0.504	96.506	373.120	1103.064	1104.514	S(2)
E	2	136.076	0.504	147.059	170.033	0.504	101.028	272.112	505.560	502.010	E(2)
A	3	170.054	0.504	181.549	205.524	0.504	106.046	864.484	103.589	1004.046	A(3)
A	4	227.073	0.504	238.054	241.030	0.504	232.085	828.975	325.463	319.970	A(4)
P	5	275.059	0.504	286.044	289.507	0.504	287.091	783.457	104.943	104.451	P(5)
A	6	311.138	0.504	322.112	326.115	0.504	316.138	104.172	136.411	137.026	A(6)
A	7	346.076	0.504	373.031	369.034	0.504	351.028	700.412	700.000	670.000	A(7)
P	8	395.103	0.504	396.157	400.160	0.504	400.159	671.893	965.385	1064.888	P(8)
A	9	430.081	0.504	421.070	444.073	0.504	435.073	620.267	612.024	616.762	A(9)
A	10	466.008	0.504	467.099	486.101	0.504	472.101	389.149	381.109	388.014	A(10)
A	11	504.928	0.504	492.113	525.116	0.504	506.116	554.330	549.024	545.124	A(11)
P	12	530.040	0.504	541.239	564.243	0.504	535.237	518.811	510.000	500.000	P(12)
P	13	588.771	0.504	589.765	612.769	0.504	603.763	430.285	461.772	461.270	P(13)
A	14	634.209	0.504	626.209	646.207	0.504	630.203	423.709	413.245	413.753	A(14)
E	15	686.811	0.504	689.820	712.823	0.504	703.823	386.240	371.221	377.235	E(15)
K	16	752.808	0.504	753.803	776.806	0.504	767.801	321.728	313.209	314.704	K(16)
A	17	788.777	0.504	789.772	812.774	0.504	793.769	297.671	289.238	290.744	A(17)
P	18	846.959	0.504	837.959	860.961	0.504	851.956	222.152	213.620	214.114	P(18)
A	19	892.422	0.504	893.417	906.419	0.504	897.414	174.626	169.111	169.614	A(19)
K	20	946.469	0.504	937.464	960.467	0.504	951.461	136.100	129.584	130.084	K(20)
K	21	1000.917	0.504	1001.911	1024.914	0.504	1016.909	101.000	93.584	94.084	K(21)

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKK



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKSPAKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=71.68
- ▶ F115535.dat
- ▶ query=q6483_p1
- ▶ precursor=708.039690
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,b	b	b'	b,b'	y	y'	y,b	AA
S(1)	169.058	0.000	168.041	130.050	0.000	119.029	2142.110	2210.074	204.006	S(2)
E(2)	199.099	0.000	213.087	225.092	0.000	241.082	1801.050	1870.037	1715.048	E(3)
T(3)	312.145	0.000	144.133	306.140	0.000	342.130	1888.011	1948.993	1746.009	T(4)
A(4)	403.182	0.000	385.172	431.177	0.000	413.167	1750.010	1745.943	1744.859	A(5)
P(5)	500.215	0.000	487.220	528.220	0.000	510.219	1681.010	1674.904	1671.822	P(6)
A(6)	571.272	0.000	559.263	599.267	0.000	581.261	1584.002	1577.893	1576.809	A(7)
T(7)	700.315	0.000	682.304	728.310	0.000	710.309	1470.991	1466.914	1465.832	T(8)
T(8)	800.352	0.000	783.341	829.347	0.000	811.347	1354.000	1347.914	1346.790	T(9)
A(9)	872.402	0.000	854.389	900.395	0.000	882.384	1261.001	1256.720	1255.742	A(10)
A(10)	944.447	0.000	926.430	972.437	0.000	954.431	1167.011	1162.889	1161.766	A(11)
P(11)	1040.489	0.000	1022.470	1068.484	0.000	1050.474	1070.000	1065.811	1064.708	P(12)
A(12)	1111.527	0.000	1093.510	1139.522	0.000	1121.511	1004.000	999.769	998.610	A(13)
P(13)	1208.570	0.000	1190.550	1236.574	0.000	1218.564	983.000	978.762	977.576	P(14)
V(14)	1307.608	0.000	1289.591	1335.604	0.000	1317.600	908.000	903.760	902.566	V(15)
E(15)	1436.650	0.000	1418.630	1464.645	0.000	1446.635	787.000	779.441	769.437	E(16)
K(16)	1504.703	1267.700	1486.770	1532.780	1375.754	1514.770	658.000	643.300	640.414	K(17)
S(17)	1612.817	1624.810	1604.880	1650.892	1642.786	1631.800	530.000	511.300	512.219	S(18)
P(18)	1748.910	1731.894	1730.880	1776.895	1759.836	1758.824	443.000	426.271	0.000	P(19)
A(19)	1813.957	1802.940	1801.920	1847.931	1830.870	1829.860	366.000	329.211	0.000	A(20)
K(20)	1948.050	1929.035	1930.992	1975.997	1958.971	1957.960	275.000	258.187	0.000	K(21)
K(21)	1976.097	1959.070	1958.052	2003.062	1987.006	1986.000	141.000	131.000	0.000	K(22)

sp | P43276 | H15_MOUSE

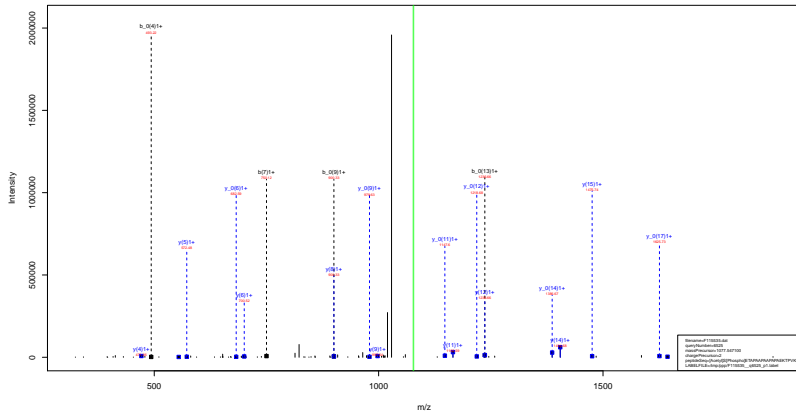
[Acetyl]SETAPAETAAPAPVEKSPAKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=71.68
- ▶ F115535.dat
- ▶ query=q6483_p1
- ▶ precursor=708.039690
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a Δ	b	b'	b Δ	y	y'	y Δ	AA
S[1]	91.631	0.504	42.520	89.929	0.504	86.923	3061.930	1003.040	2058.890	S[2]
E[1]	11.12.052	0.504	107.047	110.050	0.504	111.050	997.034	888.520	1088.512	E[2]
T[5]	100.076	0.504	101.911	100.374	0.504	112.068	921.121	923.799	1023.000	T[10]
A[4]	400.095	0.504	193.000	215.062	0.504	201.081	861.009	915.475	1012.063	A[20]
P[5]	200.071	0.507	241.616	204.919	0.504	205.011	846.470	837.951	837.465	P[17]
A[6]	200.040	0.504	21.134	200.137	0.504	201.134	797.924	788.475	788.212	A[16]
E[7]	700.081	0.504	341.656	304.059	0.504	305.059	762.426	755.912	753.420	E[13]
T[8]	401.105	0.504	392.101	415.163	0.504	406.177	697.904	649.390	648.898	T[14]
A[9]	11.32.111	0.504	427.000	401.101	0.504	411.000	647.300	630.000	630.175	A[13]
A[10]	417.212	0.504	461.211	486.214	0.504	497.214	611.861	601.349	602.006	A[22]
P[11]	210.048	0.504	311.141	335.144	0.504	326.141	576.341	567.030	566.337	P[11]
A[12]	310.087	0.507	347.087	319.084	0.504	361.089	537.030	519.030	518.011	A[10]
P[13]	604.791	0.504	595.790	618.791	0.504	620.791	492.396	483.790	483.293	P[16]
V[4]	404.219	0.504	405.219	406.219	0.504	659.130	443.131	435.290	434.766	V[8]
E[15]	110.040	0.504	100.044	123.046	0.504	123.041	394.211	385.724	385.232	E[7]
R[16]	110.000	774.383	773.891	100.004	100.000	107.000	100.720	121.203	120.711	R[6]
S[17]	120.012	811.869	811.869	140.010	140.009	141.009	811.004	801.000	801.120	S[10]
P[18]	814.039	806.435	806.435	806.030	806.029	810.010	222.151	213.630	213.004	P[4]
A[19]	810.487	801.488	801.487	804.481	804.480	815.480	174.020	168.111	168.004	A[5]
R[20]	814.505	805.501	805.499	808.500	807.999	819.497	130.100	120.594	120.504	R[5]
R[21]	1018.012	810.000	810.000	1018.000	1018.000	1018.004	74.000	69.541	69.504	R[1]

sp | P43274 | H14_MOUSE

[Acetyl]S^{Phospho} ETAPAAPAAPAPAEKTPVKK
79.97



Sequence: P43274-046
Query Number: 0228
Scan#(Phospho): 207, 247, 752
Charge(Phospho): 2
MS/MS Type: CID
MS/MS Type: CID
LIMMS FC: 3.0
MS/MS Type: CID
LIMMS FC: 3.0

sp | P43274 | H14_MOUSE

[Acetyl]S^{Phospho}_{79.97} ETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=72.97
- ▶ F115535.dat
- ▶ query=q6525_p1
- ▶ precursor=1077.547100
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ^o	b	b'	b ^o	y	y'	y ^o	AA
S[1]	1662.650	0.000	1644.864	210.000	0.000	162.000	2154.650	2137.066	2120.074	S[21]
E[2]	2111.024	0.000	2093.163	178.000	0.000	161.000	1645.024	1628.049	1611.065	E[20]
T[3]	4121.112	0.000	4084.500	1444.000	0.000	422.000	3233.012	3199.000	3170.024	T[19]
A[4]	6131.248	0.000	6051.121	1211.127	0.000	403.133	2114.952	2097.925	2080.124	A[18]
P[5]	1801.200	0.000	1804.120	1804.120	0.000	180.120	1643.940	1626.921	1625.937	P[17]
A[6]	3511.230	0.000	3438.228	1670.002	0.000	161.223	1234.220	1229.000	1208.001	A[16]
A[7]	1121.210	0.000	1104.005	170.215	0.000	110.200	1476.858	1459.811	1440.000	A[15]
P[8]	1019.120	0.000	1001.913	1001.913	0.000	100.913	1404.821	1387.794	1386.810	P[14]
A[9]	1801.200	0.000	1714.000	1018.000	0.000	900.350	1230.142	1225.000	1204.000	A[13]
A[10]	1811.410	0.000	1814.380	1814.380	0.000	181.380	1226.131	1211.000	1210.120	A[12]
P[11]	2104.410	0.000	2044.440	1100.000	0.000	100.000	1105.694	1104.000	1104.003	P[11]
A[12]	1214.410	0.000	1111.403	1127.007	0.000	110.407	1080.440	1071.410	1060.011	A[10]
P[13]	1210.140	0.000	1208.030	1204.040	0.000	1236.530	987.604	980.510	979.583	P[10]
A[14]	1210.140	0.000	1214.142	1216.002	0.000	121.002	900.511	883.500	866.000	A[8]
E[16]	1430.020	0.000	1416.014	1416.014	0.000	141.014	820.511	812.488	811.504	E[17]
K[18]	1354.120	1537.693	1336.100	1362.115	1360.693	1364.104	700.472	683.444	682.461	K[16]
T[17]	1035.140	1036.141	1030.120	1030.115	1030.115	1030.115	572.371	555.350	554.366	T[15]
P[18]	1102.020	1120.144	1124.000	1100.015	1103.100	1102.020	471.320	454.302	450.000	P[16]
V[19]	1011.000	1034.000	1033.000	1010.000	1001.000	1001.000	374.120	357.250	0.000	V[19]
K[20]	1114.004	1082.001	1084.014	1087.014	1080.014	1081.014	244.000	230.004	0.000	K[20]
K[21]	1108.010	1070.010	1070.000	1106.010	1109.010	1108.010	118.000	107.110	0.000	K[21]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=50.76
- ▶ F115535.dat
- ▶ query=q6768.p1
- ▶ precursor=777.393560
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	r	r*	rΔ	AA
S1	632.055	0.000	84.044	130.050	0.000	112.039	2530.184	2313.137	2312.133	S22
E2	131.000	0.000	213.000	205.000	0.000	241.000	2050.120	2134.000	2133.111	E23
T3	132.145	0.000	314.130	300.145	0.000	302.130	2072.070	2095.052	2094.066	T20
A4	402.102	0.000	180.117	433.117	0.000	413.107	1811.030	1894.020	1893.011	A19
F5	100.275	0.000	482.275	529.275	0.000	512.275	2099.960	1852.961	1851.953	F16
A6	374.272	0.000	333.262	389.267	0.000	381.267	1852.941	1785.935	1784.931	A17
E7	180.315	0.000	482.304	728.310	0.000	710.299	1731.904	1714.878	1713.884	E18
T8	301.362	0.000	781.352	829.357	0.000	811.357	1842.881	1828.839	1828.811	T15
A9	172.400	0.000	684.390	666.399	0.000	682.384	1350.914	1468.787	1468.800	A14
A10	343.437	0.000	925.420	971.431	0.000	953.421	1430.777	1413.750	1412.740	A13
P11	1040.469	0.000	2102.470	2158.464	0.000	1991.474	1120.140	1130.713	1131.729	P12
A12	1111.427	0.000	2023.410	2119.422	0.000	1921.411	1202.660	1249.660	1248.676	A11
P13	1708.574	0.000	1190.569	1250.574	0.000	1218.564	1191.820	1174.823	1173.830	P10
V14	1107.648	0.000	1289.637	1335.643	0.000	1317.632	1004.500	1077.510	1076.546	V10
E15	1430.660	0.000	1410.660	1464.665	0.000	1446.675	999.200	978.500	977.518	E11
T16	1344.610	0.000	1248.610	1302.615	0.000	1278.614	1214.610	964.406	969.424	T12
S17	1131.094	1714.132	1113.172	1198.170	1742.152	1141.108	718.301	721.304	720.300	S16
P18	1020.610	1011.610	1107.610	1056.610	1030.610	1020.610	131.100	104.100	103.100	P15
A19	1069.614	1062.614	1087.614	1107.610	1011.614	1059.610	413.100	407.101	406.100	A16
K20	227.000	0.000	2020.000	2020.000	0.000	2017.000	403.000	399.270	398.000	K22
R21	116.000	2030.000	2030.000	2184.000	2167.000	2186.000	276.200	258.100	257.000	R23
K22	2204.100	2207.100	2208.100	2312.100	2306.100	2308.100	147.100	130.000	130.000	K11

sp | P43276 | H15_MOUSE

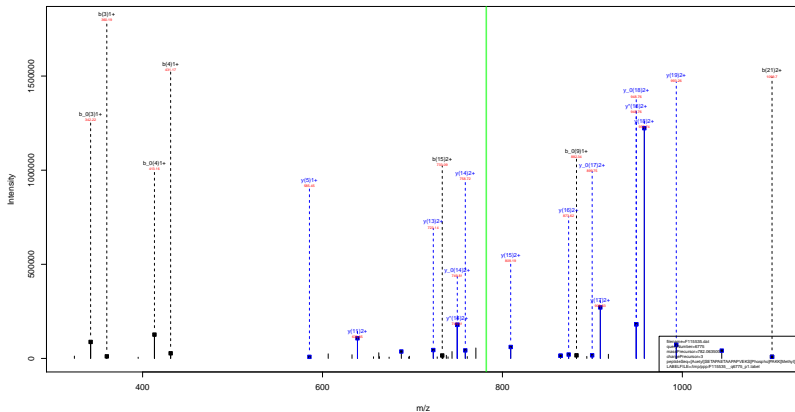
[Acetyl]SETAPAETAAPAPVEKS^{Phospho} PAKKK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=50.76
- ▶ F115535.dat
- ▶ query=q6768.p1
- ▶ precursor=777.393560
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
S	114311	0.504	82.526	65.202	0.504	35.242	1155.308	1157.027	1156.389	S121
E	118124	0.504	287.541	211.216	0.504	112.424	1157.314	1159.184	1158.281	E241
T	1661516	0.504	155.571	100.074	0.504	171.536	1036.543	1038.030	1037.533	T120
A	202160	0.504	101.969	71.692	0.504	107.681	986.619	977.556	977.014	A119
P	250151	0.504	244.818	154.419	0.504	205.815	950.531	941.987	941.495	P110
A	269174	0.504	277.134	188.119	0.504	231.128	911.514			A117
E	301161	0.504	341.658	264.859	0.504	255.919	856.456	857.941	857.420	E110
T	361135	0.504	350.181	245.187	0.504	306.177	811.834	793.421	792.929	T115
A	416111	0.504	427.688	300.111	0.504	343.816	751.411	742.581	742.059	A114
A	472122	0.504	485.211	346.216	0.504	477.214	715.892	707.576	706.987	A113
P	523140	0.504	513.743	334.746	0.504	435.741	660.373	651.988	651.318	P112
A	584117	0.504	547.262	371.264	0.504	484.262	611.267	602.534	602.044	A111
P	634121	0.504	595.781	418.781	0.504	536.781	566.781	557.823	557.121	P110
V	684138	0.504	646.321	466.321	0.504	604.318	517.321	508.281	507.767	V110
E	718109	0.504	708.844	732.846	0.504	723.843	486.268	480.755	480.263	E10
T	763166	0.504	773.855	706	0.504	766.363	401.666	411.717	402.223	T10
S	806.376	0.504	807.368	801.363	0.504	871.369	371.368	359.699	351.169	S10
P	858	0.504	858.362	852.362	0.504	928.364	286.362	277.681	277.161	P10
A	856.440	941.927	941.433	935.434	0.504	1003.437	192.431	217.431	224.431	A10
K	1014.416	1015.913	1016.416	1010.416	0.504	1019.416	101.416	202.416	193.416	K10
K	1017.511	1019.012	1019.511	1013.511	0.504	1024.511	101.511	202.511	193.511	K10
K	1018.511	1020.012	1020.511	1014.511	0.504	1029.511	101.511	202.511	193.511	K10
K	1142.511	1144.012	1144.511	1138.511	0.504	1149.511	101.511	202.511	193.511	K10

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS Phospho PAKK (Methyl) K
79.97 (14.02)



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho}PAKK ^(Methyl)K
79.97 (14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=64.58
- ▶ F115535.dat
- ▶ query=q6775_p1
- ▶ precursor=782.063500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a.d	b	b*	b.d	y	y*	y.d	AA
S(1)	102.055	0.000	88.048	130.000	0.000	81.239	244.130	2727.153	232.000	S(2)
D(2)	102.058	0.000	233.000	259.000	0.000	491.000	238.130	4036.130	2307.130	D(1)
T(3)	232.049	0.000	374.130	366.148	0.000	352.130	269.000	2699.000	2699.000	T(2)
A(4)	402.032	0.000	386.130	431.177	0.000	413.107	166.048	1669.028	1667.030	A(3)
P(5)	550.230	0.000	482.225	528.230	0.000	510.225	304.030	3068.000	3065.000	P(1)
A(6)	577.222	0.000	550.220	589.220	0.000	561.210	318.000	3179.000	3176.000	A(5)
B(7)	706.315	0.000	682.304	725.310	0.000	710.299	3746.000	3729.000	3727.000	B(4)
T(8)	803.302	0.000	783.297	824.307	0.000	811.291	3810.000	3799.000	3796.000	T(1)
A(9)	872.400	0.000	848.389	889.399	0.000	862.384	2338.000	2349.000	2346.000	A(8)
A(10)	943.437	0.000	925.430	967.432	0.000	952.421	1444.932	1437.930	1436.932	A(7)
P(11)	1040.480	0.000	1027.470	1068.484	0.000	1050.474	1574.930	1566.928	1565.940	P(12)
A(12)	1131.527	0.000	1080.535	1139.527	0.000	1121.511	3276.932	3269.928	3268.932	A(11)
P(13)	1208.509	0.000	1178.500	1229.514	0.000	1218.504	2550.900	2549.899	2548.900	P(10)
V(14)	1307.648	0.000	1289.637	1335.643	0.000	1317.632	3108.611	3091.589	3090.600	V(9)
D(15)	1416.690	0.000	1392.680	1444.693	0.000	1426.675	3109.584	3092.539	3091.534	D(6)
R(16)	1564.784	1897.959	1549.770	1592.780	1878.754	1574.762	3881.000	3864.930	3864.000	R(7)
S(17)	1714.768	1714.771	1713.771	1759.779	1742.752	1741.760	752.000	725.980	724.980	S(8)
P(18)	1830.830	1811.810	1810.820	1856.810	1839.800	1838.800	585.408	568.384	0.000	P(5)
A(19)	1939.874	1882.857	1881.861	1927.866	1910.842	1909.850	488.350	471.320	0.000	A(6)
R(20)	2037.869	2018.840	2018.850	2052.861	2036.817	2035.810	417.300	400.290	0.000	R(8)
R(21)	2170.079	2153.053	2152.060	2198.074	2181.048	2180.053	289.233	272.197	0.000	R(9)
R(22)	2298.074	2281.049	2280.056	2326.069	2309.042	2308.049	147.133	130.089	0.000	R(1)

sp | P43276 | H15_MOUSE

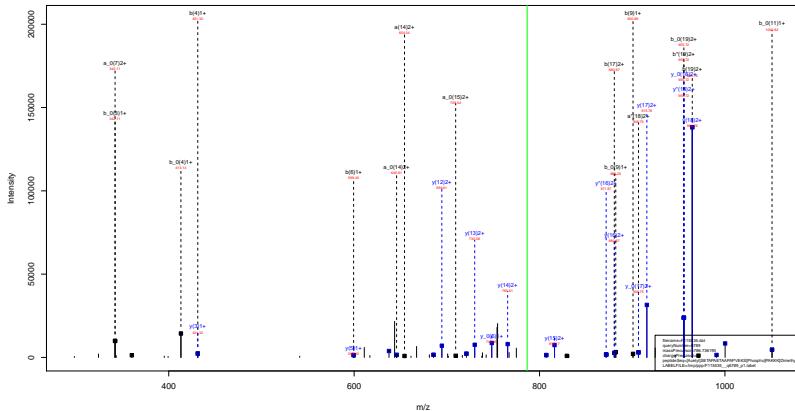
[Acetyl]SETAPAETAAPAPVEKS^{Phospho} PAKK^(Methyl) K
79.97 (14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=64.58
- ▶ F115535.dat
- ▶ query=q6775_p1
- ▶ precursor=782.063500
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
S(1)	51.531	0.504	43.529	89.529	0.504	89.529	1172.503	1164.000	1163.500	S(22)
E(2)	118.052	0.504	109.047	132.050	0.504	132.045	1182.002	1099.550	1099.050	E(21)
T(3)	200.570	0.504	185.064	208.564	0.504	208.559	1043.531	1043.030	1042.530	T(20)
A(4)	302.086	0.504	283.080	308.080	0.504	308.075	983.027	984.524	984.024	A(19)
P(5)	350.621	0.504	344.615	354.615	0.504	355.611	957.500	948.995	948.500	P(18)
A(6)	408.140	0.504	397.134	408.134	0.504	409.130	903.982	904.480	903.977	A(17)
E(7)	500.651	0.504	541.650	504.650	0.504	505.653	871.464	864.950	864.450	E(16)
T(8)	601.165	0.504	592.160	615.162	0.504	603.157	808.942	809.439	809.937	T(15)
A(9)	630.707	0.504	629.700	639.702	0.504	641.699	756.418	748.905	748.413	A(14)
A(10)	672.222	0.504	665.217	680.219	0.504	677.214	722.900	723.395	723.890	A(13)
P(11)	820.740	0.504	811.743	824.746	0.504	825.741	687.381	687.876	688.371	P(12)
A(12)	956.257	0.504	947.252	959.254	0.504	963.250	636.855	637.342	637.837	A(11)
P(13)	1004.783	0.504	995.780	1014.784	0.504	1009.779	593.330	593.825	594.320	P(10)
V(14)	1074.300	0.504	1045.293	1068.293	0.504	1063.289	554.811	555.306	555.801	V(9)
E(15)	1118.280	0.504	1088.844	732.846	0.504	123.841	555.293	486.782	486.270	E(8)
T(16)	1222.800	0.504	1213.801	1224.800	0.504	1227.800	480.770	412.242	411.749	T(7)
S(17)	1306.300	0.504	1297.300	1308.301	0.504	1311.300	376.702	308.174	307.672	S(6)
P(18)	1414.822	0.504	1405.821	1416.821	0.504	1420.821	292.624	224.096	223.591	P(5)
A(19)	1550.400	0.504	1542.400	1554.400	0.504	1558.400	245.400	176.872	176.360	A(4)
K(20)	1514.900	0.504	1505.900	1516.900	0.504	1521.900	208.300	140.772	140.260	K(3)
K(21)	1365.540	0.077	1357.540	1099.541	0.077	1099.540	146.110	138.600	138.090	K(2)
K(22)	1149.100	11.481	1140.588	1163.588	13.575	1154.583	74.000	85.540	0.504	K(1)

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS^{Phospho} PAKKK^(Dimethyl)
79.97 (28.03)



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho}79.97 PAKKK ^(Dimethyl)(28.03)

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.32
- ▶ F115535.dat
- ▶ query=q6789_p1
- ▶ precursor=786.736190
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
S(1)	1322.955	0.000	89.040	1301.000	0.000	112.000	2382.100	2344.100	2382.100	S(2)
E(2)	1312.968	0.000	243.080	769.940	0.000	241.000	2239.110	2242.720	2231.740	E(1)
T(3)	432.145	0.000	374.130	360.140	0.000	342.110	2100.110	2053.080	2082.100	T(2)
A(4)	401.682	0.000	385.170	431.177	0.000	413.167	1699.000	1882.030	1981.050	A(10)
P(5)	500.035	0.000	482.220	528.230	0.000	510.210	1389.030	1810.990	1810.015	P(16)
A(6)	111.272	0.000	300.260	309.267	0.000	381.260	1300.260	1813.940	1813.960	A(17)
E(7)	306.315	0.000	482.300	499.307	0.000	110.200	1370.030	1742.900	1741.030	E(14)
T(8)	302.362	0.000	182.150	226.357	0.000	211.340	1430.000	1813.000	1813.000	T(15)
A(9)	112.400	0.000	494.180	506.395	0.000	482.384	1230.000	1512.400	1512.400	A(14)
A(10)	343.437	0.000	320.430	311.432	0.000	351.430	1493.030	1443.100	1443.700	A(13)
P(11)	1040.400	0.000	1027.470	1009.804	0.000	1030.474	1387.771	1310.764	1380.760	P(12)
A(12)	1131.527	0.000	1093.510	1139.520	0.000	1121.515	1240.710	1273.680	1272.700	A(11)
P(14)	1408.010	0.000	1139.000	1136.014	0.000	1418.008	1418.000	1400.000	1400.000	P(10)
V(14)	1307.640	0.000	1209.630	1205.643	0.000	1317.632	1112.630	1105.660	1104.630	V(16)
E(15)	1810.000	0.000	1418.000	1464.003	0.000	1448.010	1023.000	1006.530	1025.140	E(11)
R(16)	1054.100	1387.180	1046.770	1032.780	1376.754	1014.710	881.517	877.480	878.000	R(10)
S(17)	1731.104	1714.737	1313.770	1750.770	1742.752	1741.760	700.422	749.390	748.412	S(2)
P(18)	1030.610	1011.610	1010.610	1006.611	1009.600	1008.600	509.424	500.391	0.000	P(5)
A(19)	1099.014	1082.040	1082.040	1077.040	1071.040	1069.030	700.771	488.340	0.000	A(6)
R(20)	1077.000	1070.000	1070.000	1065.000	1060.000	1058.000	411.314	410.310	0.000	R(1)
R(21)	1136.000	1130.000	1130.000	1124.000	1119.000	1116.000	0.000	0.000	0.000	R(2)
R(22)	1112.000	1106.000	1106.000	1101.000	1096.000	1092.000	0.000	0.000	0.000	R(3)

sp | P43276 | H15_MOUSE

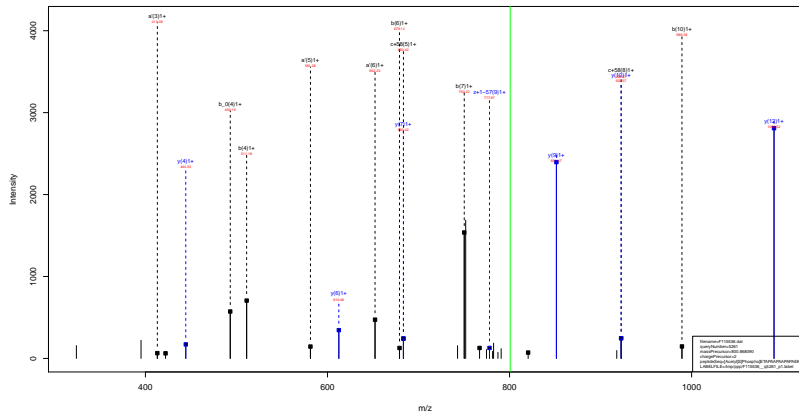
[Acetyl]SETAPAETAAPAPVEKS ^{Phospho}PAKKK ^(Dimethyl)
79.97 (28.03)

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=49.32
- ▶ F115535.dat
- ▶ query=q6789_p1
- ▶ precursor=786.736190
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a*	a,β	b	b*	b,β	y	y*	y,β	AA
S(1)	31.031	0.504	62.529	65.529	0.504	68.529	119.030	117.030	117.030	S(22)
E(2)	31.034	0.504	107.041	110.040	0.504	113.041	218.030	216.030	216.030	E(21)
T(3)	108.579	0.504	157.571	160.574	0.504	171.570	1050.550	1042.045	1041.553	T(20)
A(4)	302.695	0.504	381.690	384.692	0.504	397.687	1000.035	998.523	991.030	A(19)
P(5)	270.621	0.504	341.615	344.619	0.504	355.613	964.516	956.003	955.511	P(18)
A(6)	306.348	0.504	377.339	380.337	0.504	393.332	911.900	903.385	900.885	A(17)
E(7)	330.661	0.504	341.656	344.659	0.504	355.653	880.471	871.958	871.466	E(16)
T(8)	302.385	0.504	367.180	415.182	0.504	405.177	815.950	807.437	806.945	T(15)
T(9)	436.313	0.504	442.698	449.311	0.504	461.694	763.426	754.913	754.421	T(14)
A(10)	372.222	0.504	463.217	466.219	0.504	477.214	729.908	721.394	720.902	A(13)
P(11)	330.346	0.504	311.747	314.746	0.504	325.741	691.389	685.876	685.384	P(12)
A(12)	336.267	0.504	347.262	350.264	0.504	361.259	645.863	637.349	636.857	A(11)
P(14)	404.318	0.504	399.760	402.764	0.504	409.758	590.968	585.455	584.963	P(10)
V(14)	654.328	0.504	645.322	648.325	0.504	659.320	561.810	555.304	552.812	V(9)
E(15)	173.949	0.504	708.844	712.846	0.504	723.841	512.294	509.770	507.278	E(8)
R(16)	182.868	0.504	712.889	716.891	0.504	731.886	447.782	436.240	434.772	R(7)
S(17)	306.395	0.504	657.390	680.393	671.880	671.388	353.712	379.202	374.709	S(6)
P(18)	314.672	906.409	906.911	909.915	909.408	916.914	90.428	261.922	0.504	P(5)
A(19)	390.440	361.027	942.435	964.438	955.925	955.433	261.680	248.170	0.504	A(4)
R(20)	314.408	1001.961	1000.460	1002.963	1002.461	1005.964	228.111	209.604	0.504	R(3)
R(21)	3176.535	1000.960	1000.530	1002.533	1004.536	1005.534	150.135	143.610	0.504	R(2)
R(22)	1136.569	1148.008	1147.568	1149.571	1150.569	1152.572	11.511	10.504	0.504	R(1)

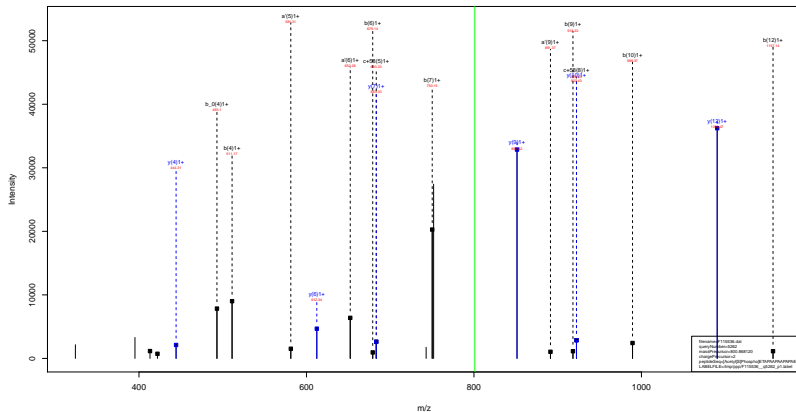
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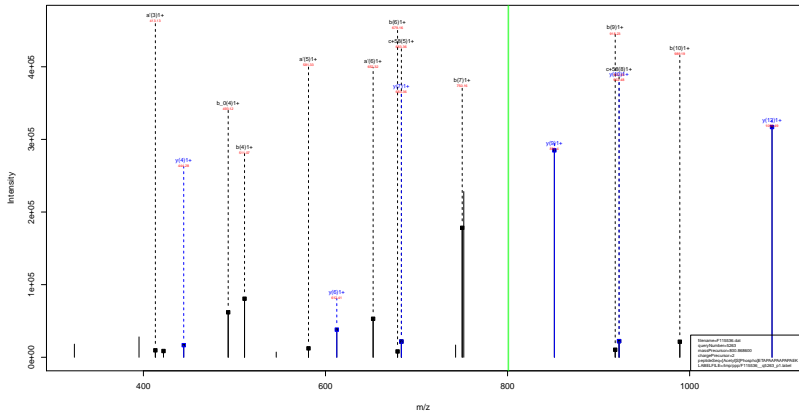
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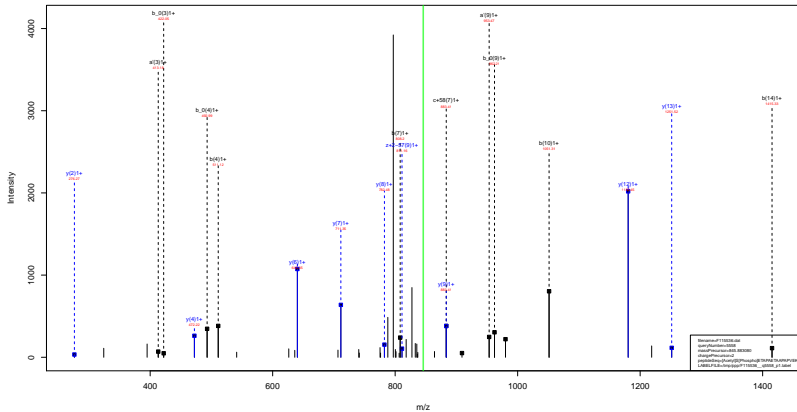
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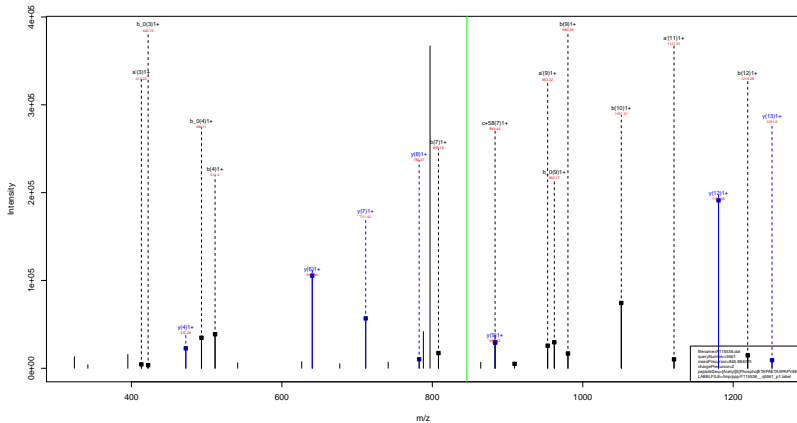
sp | P43276 | H15_MOUSE

[Acetyl]S^{Phospho} ETAPAETAAPAPVEK
79.97



sp | P43276 | H15_MOUSE

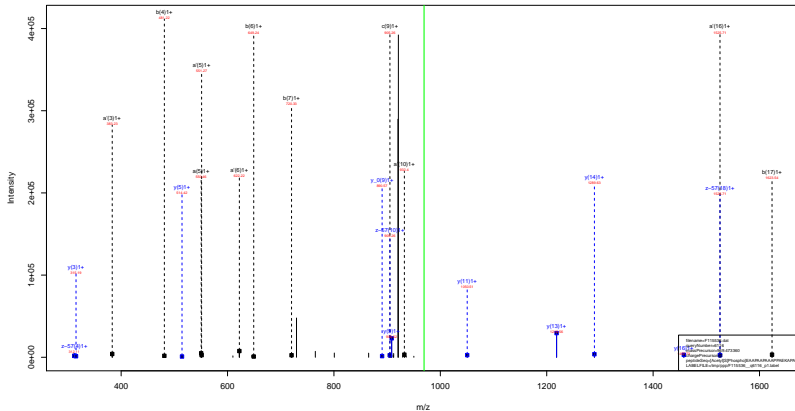
[Acetyl]S^{Phospho}_{79.97} ETAPAETAAPAPVEK



Sequence: ETAPAETAAPAPVEK
 Query: H15_MOUSE
 Mass: 1150.05
 Charge: 12
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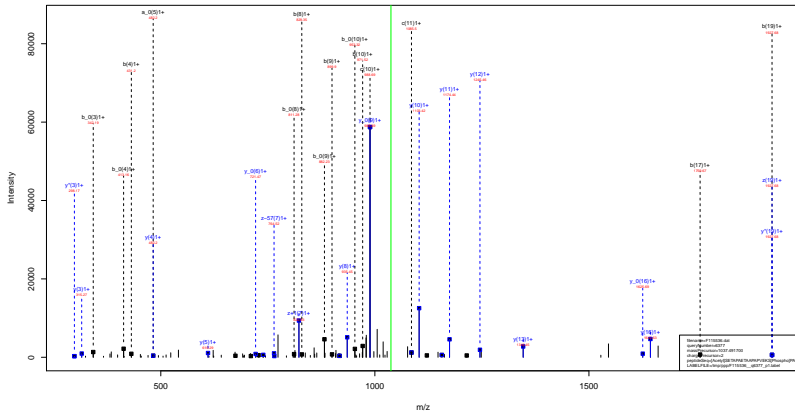
sp | P15864 | H12_MOUSE

[Acetyl]S^{Phospho} EAAPAAPAAAPPAEKKAPAK
79.97



sp | P43276 | H15_MOUSE

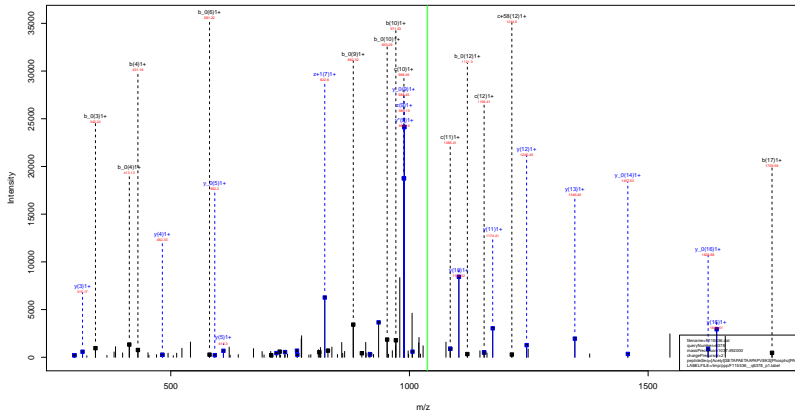
[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAK
79.97



MassSpec 110306_001
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 Protein: SETD4_MOUSE
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 Label: [Phospho]PAK
 Label: [79.97]

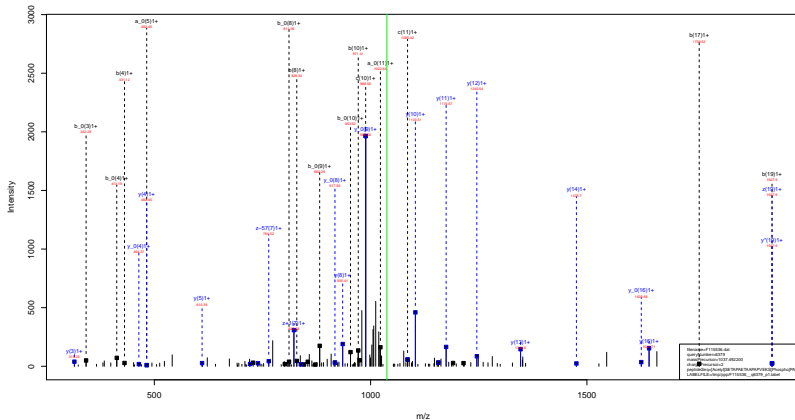
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[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAK
79.97



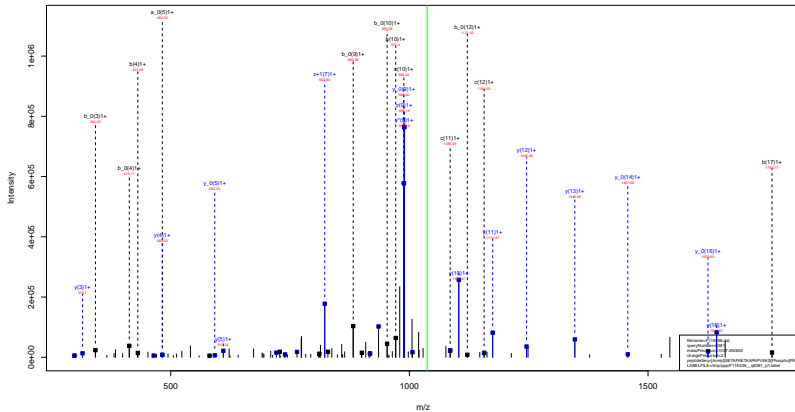
sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS^{Phospho} PAK
79.97



sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho} PAK
79.97



sp | P43276 | H15_MOUSE

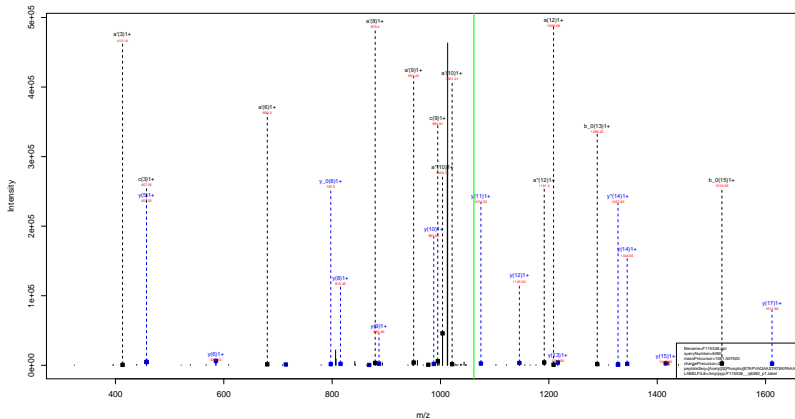
[Acetyl]SETAPAETAAPAPVEKS ^{Phospho}PAK
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=1
- ▶ score=65.27
- ▶ F115536.dat
- ▶ query=q6382.p1
- ▶ precursor=691.998100
- ▶ chargePrecursor=3
- ▶ itol=0.5

m/z	intensity	label
115.0	100	115.0
116.0	10	116.0
117.0	10	117.0
118.0	10	118.0
119.0	10	119.0
120.0	10	120.0
121.0	10	121.0
122.0	10	122.0
123.0	10	123.0
124.0	10	124.0
125.0	10	125.0
126.0	10	126.0
127.0	10	127.0
128.0	10	128.0
129.0	10	129.0
130.0	10	130.0
131.0	10	131.0
132.0	10	132.0
133.0	10	133.0
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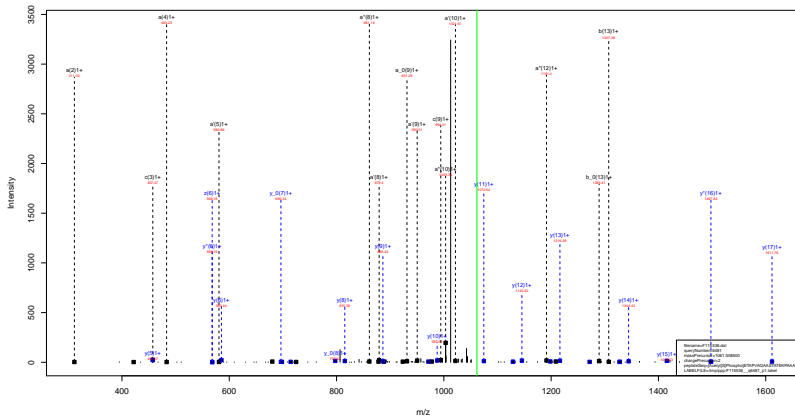
sp | P43275 | H11_MOUSE

[Acetyl]S^{Phospho}_{79.97} ETAPVAQAASTATEKPAAAK



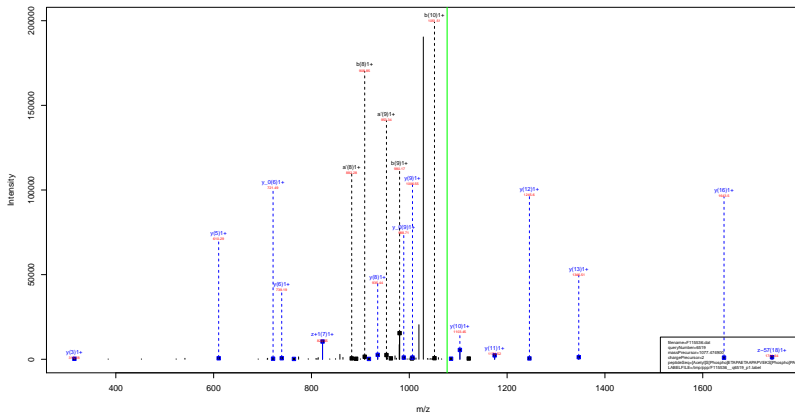
sp | P43275 | H11_MOUSE

[Acetyl]S^{Phospho} 79.97 ETAPVAQAASTATEK PAAAK



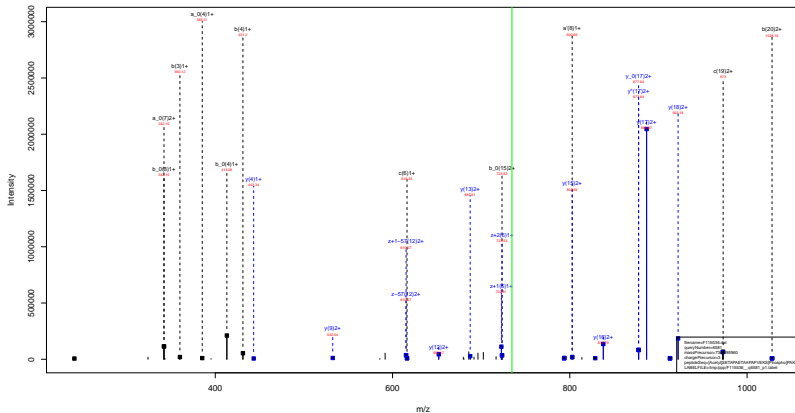
sp | P43276 | H15_MOUSE

[Acetyl]S^{Phospho} ETAPAETAAPAPVEKS^{Phospho} PAK^{79.97}



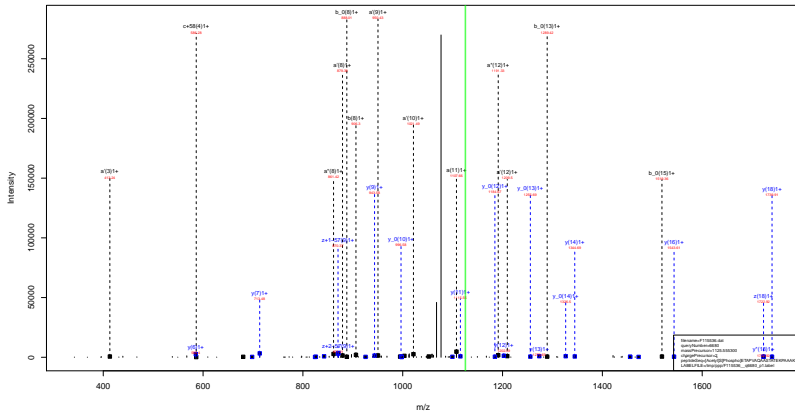
sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEKS ^{Phospho}PAKK
79.97



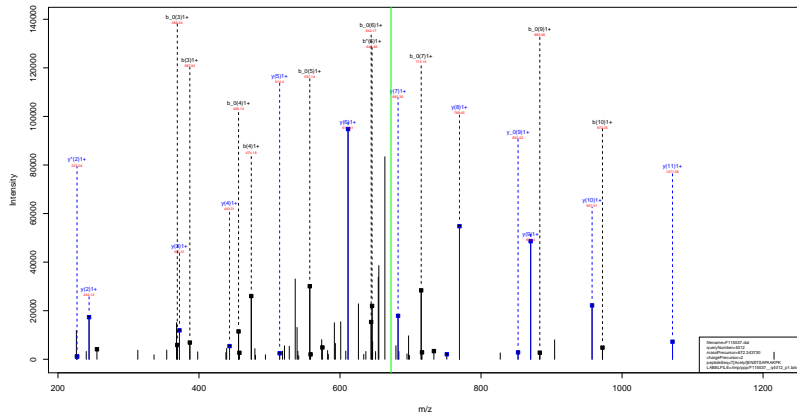
sp | P43275 | H11_MOUSE

[Acetyl]S^{Phospho}_{79.97} ETAPVAQAASTATEK PAAAKK



sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPK



sp | P10922 | H10_MOUSE

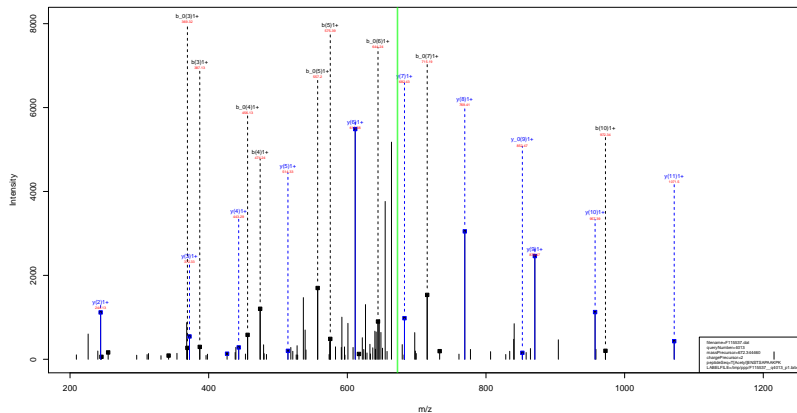
[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=71.93
- ▶ F115537.dat
- ▶ query=q4012_p1
- ▶ precursor=672.343730
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
T	148.071	0.000	68.090	144.066	0.000	636.050	1343.680	1328.654	1328.670	T
E	245.111	0.000	227.303	232.100	0.000	255.096	320.622	1183.508	1182.611	E
T	330.210	0.012	64.140	307.151	0.012	309.234	300.240	1071.579	1068.555	T
S	446.108	0.010	420.110	420.110	474.183	457.157	456.173	957.536	945.510	S
T	547.210	0.010	150.220	575.231	558.204	557.220	870.504	857.478	852.494	T
S	634.308	0.012	388.260			665.236	644.233	760.497	757.470	S
A	730.308	0.003	387.250	733.300	716.273	715.280	682.425	685.395	681.360	A
P	802.308	0.010	196.140	803.303	811.300	827.300	611.380	594.350	0.000	P
A	912.305	0.003	805.304	805.304	804.303	883.310	514.335	487.308	0.000	A
A	994.312	0.014	926.300	972.427	970.300	984.310	443.290	429.274	0.000	A
R	1112.337	0.005	804.310	1100.329	1081.400	1092.311	372.261	355.234	0.000	R
P	1130.300	1103.303	1130.300	1137.370	1130.340	1136.304	244.166	227.130	0.000	P
K	1207.315	1200.300	1210.300	1225.310	1208.343	1207.300	147.113	130.088	0.000	K

sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPK



sp | P10922 | H10_MOUSE

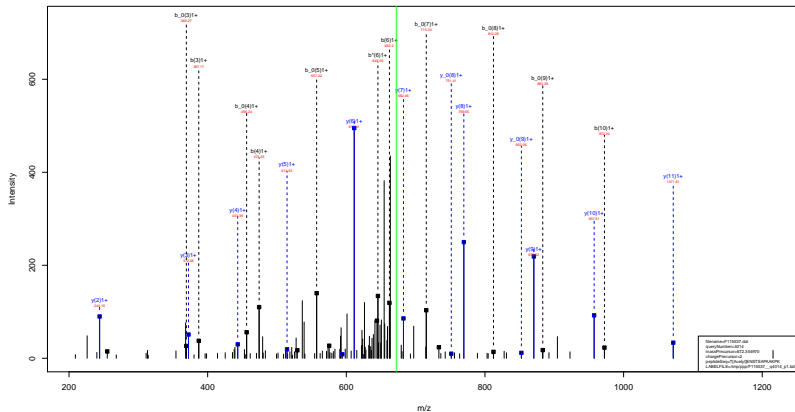
[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=61.68
- ▶ F115537.dat
- ▶ query=q4013_p1
- ▶ precursor=672.344460
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
T	116.071	0.000	98.090	144.099	0.000	126.009	134.000	1126.854	1126.870	T
E	245.113	0.000	227.103	273.108	0.000	255.096	320.000	1183.508	1182.611	E
T	116.071	142.130	163.100	187.151	0.000	160.140	1071.579	1068.555	1065.566	T
S	146.108	420.130	420.110	474.183	420.107	426.173	957.536	940.510	939.526	S
T	116.071	0.000	120.220	175.231	120.204	157.220	870.504	852.478	852.404	T
S	116.071	617.241	116.200	116.200	116.200	644.233	766.497	757.470	756.444	S
A	170.109	652.115	652.024	733.300	170.079	715.289	682.425	665.399	664.370	A
P	602.018	602.010	196.141	602.003	611.000	611.000	611.000	304.303	0.000	P
A	172.105	605.100	605.004	605.000	604.003	603.000	514.325	497.299	496.270	A
A	144.112	617.400	616.400	672.427	616.400	614.400	441.200	426.271	425.242	A
R	112.107	1005.500	1004.510	1100.500	1001.400	1000.410	372.261	355.234	354.200	R
P	110.100	1103.500	1103.500	1103.500	1103.500	1103.500	244.166	227.139	226.100	P
K	107.015	1200.000	1219.000	1325.000	1300.000	1307.000	147.113	130.000	0.000	K

sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPK



sp | P10922 | H10_MOUSE

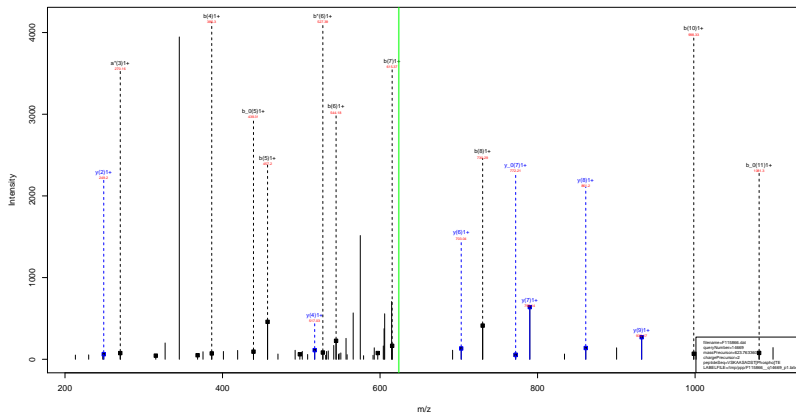
[Acetyl]TENSTSAPAAKPK

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- ▶ specType=cid
- ▶ score=60.63
- ▶ F115537.dat
- ▶ query=q4014_p1
- ▶ precursor=672.344970
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
T	148.071	0.000	98.093	144.096	0.000	636.000	1343.600	1328.604	1328.610	T
E	245.111	0.000	227.103	237.108	0.000	255.006	3200.602	1183.508	1182.611	E
T	330.216	0.012	363.149	387.151	0.012	360.240	1071.519	1068.515	1068.566	T
S	446.338	439.130	438.116	474.183	437.237	436.173	957.536	948.513	938.526	S
T	547.216	532.200	529.225	575.231	531.231	557.220	870.508	862.410	852.404	T
S	638.308	617.291	616.273	642.269	615.236	644.232	760.497	752.410	731.466	S
A	730.358	688.276	687.253	733.300	682.239	715.280	682.425	685.100	731.466	A
P	802.404	803.101	798.101	803.303	811.303	812.342	611.580	594.361	0.000	P
A	972.505	928.368	926.364	927.393	934.393	983.370	514.325	487.308	0.000	A
A	1044.612	974.463	970.463	972.427	979.462	984.419	441.200	429.214	0.000	A
R	1127.557	1055.500	1054.511	1055.529	1061.406	1052.411	372.261	355.214	0.000	R
P	1130.580	1103.533	1103.560	1107.576	1110.548	1116.504	244.166	227.130	0.000	P
R	1207.615	1200.640	1218.664	1225.610	1238.642	1207.600	147.113	130.088	0.000	R

sp | Q9QZQ8-1 | H2AY_MOUSE

VSKAASADST ^{Phospho} TE
79.97



sp | Q9QZQ8-1 | H2AY_MOUSE

VSKAASADST^{Phospho}TE
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=51.99
- ▶ F115866.dat
- ▶ query=q14669_p1
- ▶ precursor=623.763360
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
V1	72.081	0.000	0.000	102.076	0.000	0.000	1246.530	1129.493	1129.500	V12
S2	156.113	0.000	141.100	187.108	0.000	186.089	1147.451	1158.428	1129.441	S11
K3	238.208	270.181	200.197	315.203	298.176	297.210	1050.431	1043.393	1042.409	K10
A4	320.293	301.273	280.259	396.240	388.213	368.229	932.324	0.000	894.314	A30
A5	402.388	412.255	411.271	457.277	446.250	439.266	861.287	0.000	841.277	A20
S6	484.474	493.287	498.303	544.309	527.282	526.290	790.250	0.000	772.240	S17
A7	566.561	575.242	560.241	615.246	606.224	597.235	703.218	0.000	698.208	A26
D8	648.646	655.232	650.261	738.273	713.260	712.262	630.211	0.000	614.211	D25
S9	730.731	772.304	771.488	817.405	800.416	799.394	517.154	0.000	498.144	S24
T10	812.814	801.338	802.414	908.419	881.392	880.409	430.121	0.000	412.112	T16
T11	894.909	904.449	905.481	999.497	972.440	1001.456	245.158	0.000	232.168	T22
E12	976.994	1183.488	1182.504	1228.509	1211.483	1210.499	146.020	0.000	130.060	E11

sp | P68433 | H31_MOUSE

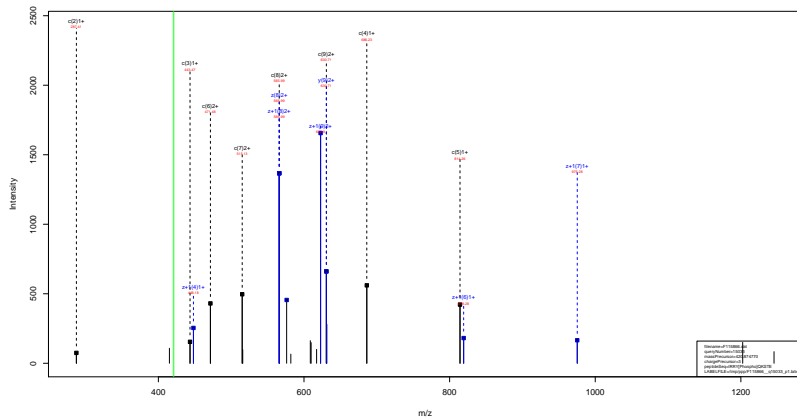
IRRY^{Phospho} QKSTE
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=30.42
- ▶ F115866.dat
- ▶ query=q15030_p1
- ▶ precursor=630.808500
- ▶ chargePrecursor=2
- ▶ itol=0.5

AA	a	a*	aΔ	b	b*	bΔ	r	r*	rΔ	AA
R1	88.908	0.000	0.000	114.987	0.000	0.000	1280.617	1241.907	1384.599	R9
R2	242.186	228.171	0.000	270.192	253.166	0.000	1147.520	1130.490	1129.519	R8
R3	398.250	381.212	0.000	426.204	409.207	0.000	991.424	974.390	974.414	R7
T4	542.318	524.302	0.000	569.322	552.298	0.000	835.223	818.200	818.213	T3
Q5	709.397	702.390	0.000	797.392	790.385	0.000	559.219	575.201	574.203	Q6
K6	897.432	889.425	0.000	925.477	908.450	0.000	464.235	447.200	446.225	K4
S7	984.514	987.497	996.503	1012.509	995.492	994.498	130.143	0.000	318.130	S3
T8	1289.562	1288.545	999.550	1314.566	1306.550	1305.546	249.188	0.000	130.000	T2
E9	1314.604	1317.588	1316.584	1342.599	1335.573	1324.588	130.143	0.000	130.000	E0

sp | P68433 | H31_MOUSE

IRRY^{Phospho} QKSTE
79.97



sp | P68433 | H31_MOUSE

IRRY^{Phospho} QKSTE
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=36.77
- ▶ F115866.dat
- ▶ query=q15033_p1
- ▶ precursor=420.874770
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
T [1]	131.118	1260.610	1244.591	0.000	1243.583	R [9]
R [2]	287.219	1147.526	1131.507	1132.515	1130.490	R [8]
R [3]	443.320	991.424	975.406	976.414	974.388	R [7]
Y [4]	686.350	836.321	819.305	820.312	818.297	Y [6]
Q [5]	814.408	592.294	576.275	577.283	575.267	Q [5]
K [6]	942.503	464.235	448.216	449.224	447.209	K [4]
S [7]	1029.535	336.140	320.121	321.129	319.114	S [3]
T [8]	1130.583	249.108	233.089	234.097	232.082	T [2]
E [9]	1259.626	148.060	132.042	133.050	131.034	E [1]

sp | P68433 | H31_MOUSE

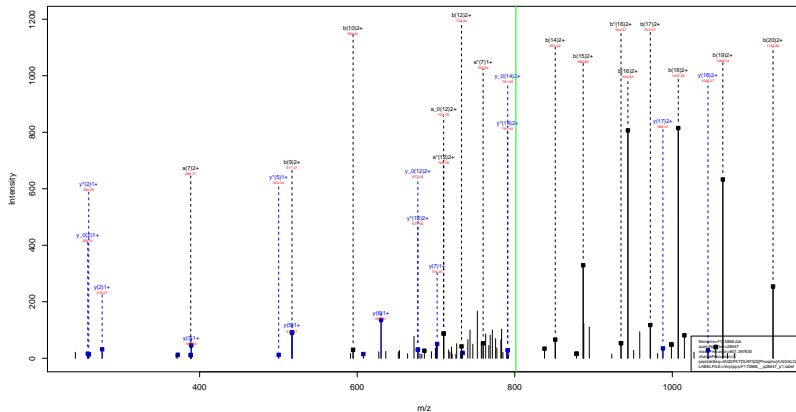
IRRY^{Phospho} QKSTE
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=36.77
- ▶ F115866.dat
- ▶ query=q15033_p1
- ▶ precursor=420.874770
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
T [1]	66.063	630.808	622.799	0.504	622.295	I [9]
R [2]	144.113	574.266	566.257	566.761	565.753	R [8]
R [3]	222.164	496.216	485.207	488.710	487.701	R [7]
V [4]	343.679	418.165	410.156	410.660	409.652	V [6]
Q [5]	407.708	296.650	288.641	289.145	288.137	Q [5]
K [6]	471.755	232.621	234.612	235.116	234.108	K [4]
S [7]	515.271	168.574	160.564	161.068	160.060	S [3]
Y [8]	565.795	125.058	117.048	117.552	116.544	Y [2]
E [9]	630.316	74.534	66.524	67.028	66.021	E [1]

sp | P84244 | H33_MOUSE

IAQDFKTDLRFQS ^{Phospho} AAIGALQE
79.97



sp | P84244 | H33_MOUSE

IAQDFKTDLRFQS ^{Phospho} AAIGALQE
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.57
- ▶ F115866.dat
- ▶ query=q28647_p1
- ▶ precursor=801.397630
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,β	b	b'	b,β	y	y'	y,β	AA
I(3)	86.698	0.000	0.000	114.091	0.000	0.000	2450.110	2386.148	2684.188	I(2)
A(2)	137.134	0.000	0.000	185.129	0.000	0.000	2389.091	2327.095	2573.103	A(26)
D(3)	226.162	388.385	0.000	213.287	298.188	0.000	2218.054	2268.021	2308.044	D(18)
D(4)	406.219	383.393	382.200	426.924	411.187	410.203	2059.995	2072.995	2071.989	D(16)
F(5)	847.287	936.281	926.277	978.361	958.268	957.272	1934.980	1893.943	1956.938	F(17)
K(6)	675.382	676.389	687.375	703.377	698.351	685.367	1827.882	1818.874	1809.889	K(16)
T(7)	776.438	759.484	764.424	804.429	797.388	796.414	1598.891	1608.776	1608.766	T(15)
D(8)	891.457	874.431	873.448	919.462	902.425	901.441	1356.757	1345.713	1336.747	D(14)
L(9)	1004.541	987.533	986.531	1032.536	1015.509	1014.526	1183.730	1186.704	1186.712	L(13)
R(10)	1109.624	1113.617	1142.610	1188.627	1178.614	1179.617	1371.661	1374.626	1372.638	R(12)
F(11)	1209.711	1206.684	1209.690	1255.708	1250.699	1251.696	1214.645	1197.618	1198.620	F(11)
Q(12)	1310.799	1408.693	1417.700	1463.704	1446.708	1445.704	1087.437	1099.430	1099.430	Q(10)
S(13)	1662.768	1665.743	1664.762	1680.763	1673.746	1674.752	930.433	962.402	961.408	S(9)
A(14)	1919.809	1929.810	1929.798	1941.804	1934.811	1933.808	774.439	795.399	794.406	A(8)
A(15)	1744.942	1747.935	1748.931	1772.937	1765.930	1764.926	701.383	688.398	688.172	A(7)
I(16)	1857.976	1848.989	1850.970	1885.971	1868.984	1867.970	630.346	613.310	612.316	I(6)
G(17)	1914.947	1907.951	1898.939	1942.942	1925.958	1924.942	517.293	500.235	499.241	G(5)
A(18)	1985.984	1988.978	1987.971	2013.979	1996.993	1995.989	450.253	443.254	442.250	A(4)
L(19)	2095.999	2082.992	2081.991	2127.993	2110.997	2109.993	389.293	372.177	371.181	L(3)
Q(20)	2217.437	2208.428	2206.410	2255.422	2238.448	2237.411	376.119	259.892	258.108	Q(2)
D(21)	2766.176	2739.161	2738.158	2764.165	2760.158	2760.156	146.980	146.980	146.980	D(1)

sp | P84244 | H33_MOUSE

IAQDFKTDLRFQS^{Phospho} AAIGALQE
79.97

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=46.57
- ▶ F115866.dat
- ▶ query=q28647_p1
- ▶ precursor=801.397630
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	a	a'	a,0	b	b'	b,0	y	y'	y,0	AA		
A[1]	45.922	0.504	0.504	57.949	0.504	0.504	120.130	1151.070	1102.566	[21]		
A[2]	76.030	0.504	0.504	93.968	0.504	0.504	148.609	1136.530	1136.044	A[20]		
Q[3]	143.150	1.504	0.504	157.287	1.480	0.504	132.512	1102.011	1100.525	Q[19]		
D[4]	210.413	1.504	0.504	214.881	0.504	0.504	104.500	1039.500	1039.000	D[18]		
F[5]	274.347	2.004	1.504	288.145	1.718	0.52	129.140	1047.531	979.474	F[17]		
K[6]	338.285	2.004	1.504	352.192	1.613	0.79	143.127	1014.454	1005.940	K[16]		
T[7]	388.719	2.004	1.504	402.749	1.640	0.19	153.313	1001.855	1001.855	T[15]		
D[8]	456.350	4.37	3.19	457.257	4.60	3.90	451.716	451.234	799.889	791.369	790.877	L[14]
L[9]	522.974	4.64	3.61	462.700	516.772	3.98	3.97	3.97	742.207	731.850	731.364	L[13]
R[10]	589.420	5.17	3.91	571.839	584.822	3.98	3.98	3.98	617.177	617.314	616.822	R[12]
P[11]	654.320	5.60	4.44	645.324	5.98	5.04	639.243	639.212	607.776	607.284	606.793	P[11]
Q[12]	718.380	709.875	709.383	732.386	731.872	731.880	634.491	630.730	626.237	Q[10]		
S[13]	783.270	782.374	782.282	778.205	807.572	806.885	470.213	461.700	461.200	S[10]		
A[14]	837.406	836.803	836.461	851.403	842.700	842.700	369.114	370.200	371.700	A[8]		
A[15]	872.820	868.411	863.610	886.827	878.409	877.817	361.139	342.600	343.100	A[7]		
I[16]	929.407	923.051	923.461	943.464	934.951	934.459	313.610	307.100	309.011	I[6]		
V[17]	989.910	984.494	984.910	977.915	978.910	978.910	209.134	209.600	209.600	V[6]		
A[18]	1007.456	1004.980	1004.901	1007.493	998.980	998.488	200.604	202.110	201.610	A[6]		
L[19]	1030.030	1041.520	1041.030	1064.035	1055.522	1055.030	136.308	180.590	180.100	L[5]		
Q[20]	1114.407	1120.700	1120.600	1126.463	1127.354	1127.354	130.310	131.200	129.700	Q[5]		
E[21]	1176.586	1170.070	1169.581	1169.586	1184.073	1183.581	74.534	0.504	65.529	E[1]		

sp | P84244 | H33_MOUSE

IAQDFKTDLRFQS ^{Phospho} AAIGALQE
79.97

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=34.51
- ▶ F115866.dat
- ▶ query=q28648_p1
- ▶ precursor=801.397630
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
F 1	131.118	2402.175	2388.150	0.000	2395.149	F 21
A 2	202.155	2289.091	2273.072	0.000	2272.069	A 20
Q 3	330.214	2218.054	2202.035	2203.043	2201.027	Q 19
D 4	445.241	2039.995	2023.977	2014.985	2012.969	D 18
F 5	502.200	1974.968	1958.950	1959.958	1957.942	F 17
K 6	720.404	1827.900	1811.881	1812.889	1810.874	K 16
T 7	821.452	1699.805	1683.786	1684.794	1682.779	T 15
D 8	936.479	1508.757	1502.730	1583.747	1581.731	D 14
L 9	1049.563	1483.730	1467.712	1468.720	1466.704	L 13
R 10	1235.664	1370.648	1354.629	1355.636	1353.620	R 12
F 11	1352.732	1214.545	1198.527	1199.534	1197.519	F 11
Q 12	1480.791	1067.477	1051.459	1052.466	1050.450	Q 10
S 13	1647.789	939.416	923.400	924.407	922.392	S 0
A 14	1718.826	772.420	756.401	757.409	755.393	A 8
A 15	1789.863	701.363	685.345	686.352	684.336	A 7
I 16	1802.987	630.346	614.327	615.335	613.319	I 6
G 17	1959.969	517.262	501.243	502.251	500.235	G 5
A 18	2031.006	460.240	444.221	445.229	443.214	A 4
L 19	2144.090	309.203	293.184	294.192	292.177	L 3
Q 20	2272.149	276.119	260.100	261.108	259.092	Q 2
E 21	2401.191	148.060	132.042	133.050	131.034	E 1

sp | P84244 | H33_MOUSE

IAQDFKTDLRFQS ^{Phospho}_{79.97} AAIGALQE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=34.51
- ▶ F115866.dat
- ▶ query=q28648_p1
- ▶ precursor=801.397630
- ▶ chargePrecursor=3
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
I [1]	66.093	1201.591	1193.582	0.504	1193.078	I[21]
A [2]	101.581	1145.049	1137.040	0.504	1136.536	A[20]
Q [3]	185.610	1109.531	1101.521	1.020.025	1101.017	Q[19]
D [4]	223.124	1045.501	1037.493	1.017.006	1.036.989	D[18]
F [5]	298.658	987.985	979.979	980.482	979.475	F[17]
K [6]	360.706	914.454	906.444	906.948	905.940	K[16]
T [7]	411.229	850.406	842.397	842.901	841.893	T[15]
D [8]	468.743	799.882	791.873	792.377	791.369	D[14]
L [9]	525.285	742.369	734.360	734.863	733.856	L[13]
R [10]	603.326	689.827	677.817	678.321	677.314	R[12]
F [11]	678.870	607.775	599.767	600.271	599.263	F[11]
Q [12]	740.899	534.242	526.233	526.737	525.729	Q[10]
S [13]	824.938	470.213	462.203	462.707	461.700	S[9]
A [14]	889.917	386.714	378.704	379.208	378.200	A[8]
A [15]	895.435	351.195	343.186	343.690	342.682	A[7]
I [16]	931.577	315.876	307.867	308.371	307.363	I[6]
G [17]	980.488	259.134	251.125	251.629	250.621	G[5]
A [18]	1016.007	230.624	222.614	223.118	222.110	A[4]
L [19]	1072.549	195.105	187.096	187.600	186.592	L[3]
Q [20]	1136.578	138.563	130.554	131.058	130.050	Q[2]
E [21]	1201.099	74.534	66.524	67.028	66.021	E[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.11
- ▶ F115941.dat
- ▶ query=q30657.p1
- ▶ precursor=690.392390
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	115.087	3758.546	2742.537	0.000	3741.520	P25
E2	284.129	2001.493	2645.475	0.000	2044.467	E24
P3	341.182	2532.451	2516.432	0.000	2515.424	P23
A4	412.219	2435.398	2419.379	0.000	2418.371	A22
K5	540.314	2364.361	2348.342	2349.350	2347.334	K21
S6	627.346	2236.266	2220.247	2221.255	2219.239	S20
A7	698.283	2149.234	2133.215	2134.223	2132.207	A19
P8	795.436	2078.191	2062.172	2063.180	2061.174	P18
A9	866.473	1981.144	1965.125	1966.133	1964.118	A17
P10	963.526	1910.107	1894.088	1895.096	1893.080	P16
K11	1091.621	1813.054	1797.035	1798.043	1796.028	K15
K12	1261.730	1684.959	1668.940	1669.948	1667.933	K14
G13	1318.748	1514.854	1498.835	1499.843	1497.827	G13
S14	1405.789	1459.832	1443.813	1442.821	1440.805	S12
K15	1575.885	1370.800	1354.781	1355.789	1353.774	K11
K16	1745.991	1200.695	1184.676	1185.684	1183.668	K10
A17	1817.028	1030.589	1014.570	1015.578	1013.563	A9
V18	1916.096	959.552	943.533	944.541	942.525	V8
T19	2017.144	860.484	844.465	845.473	843.457	T7
K20	2187.250	739.436	743.417	744.425	742.409	K6
A21	2259.287	689.330	573.312	574.320	572.304	A5
Q22	2388.345	518.293	502.275	503.282	501.267	Q4
K23	2514.440	390.235	374.216	375.224	373.208	K3
K24	2642.535	262.140	246.121	247.129	245.113	K2
D25	2757.562	134.045	118.026	119.034	117.018	D1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.11
- ▶ F115941.dat
- ▶ query=q30657.p1
- ▶ precursor=690.392390
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	58.647	1379.777	1371.767	0.504	1377.263	P25
E3	132.588	1311.256	1323.241	0.504	1322.737	E24
P13	171.095	1256.729	1258.720	0.504	1258.216	P23
A4	206.613	1318.203	1210.193	0.504	1209.689	A22
K5	270.661	1182.684	1174.675	1175.179	1174.171	K21
S6	314.177	1118.637	1110.627	1111.131	1110.123	S20
A7	349.695	1075.121	1067.111	1067.615	1066.607	A19
P8	388.222	1039.604	1031.593	1031.593	1031.089	P18
A9	433.740	991.076	983.066	983.570	982.562	A17
P10	482.267	955.557	947.548	948.052	947.044	P16
K11	566.314	907.031	899.021	899.525	898.517	K15
K12	631.367	842.983	834.974	835.478	834.470	K14
Q13	659.276	797.930	789.921	790.425	789.417	Q13
S14	703.394	729.420	721.410	721.914	720.906	S12
K15	788.446	688.904	677.894	678.398	677.390	K11
K16	873.499	600.851	592.842	593.346	592.338	K10
A17	909.018	515.798	507.789	508.293	507.285	A9
V18	958.552	480.280	472.270	472.774	471.766	V9
T19	1009.076	430.745	422.736	423.240	422.232	T17
K20	1094.128	380.222	372.213	372.716	371.708	K6
A21	1129.647	295.169	287.159	287.663	286.656	A5
Q22	1193.676	269.650	261.641	262.145	261.137	Q4
K23	1257.724	195.621	187.612	188.116	187.108	K9
K24	1321.771	131.574	123.564	124.068	123.060	K2
E25	1379.285	87.528	89.519	89.021	89.013	E1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 AQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.11
- ▶ F115941.dat
- ▶ query=q30657.p1
- ▶ precursor=690.392390
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P1	39.034	920.187	914.847	0.672	914.511	P25
E2	82.048	887.836	882.496	0.672	882.160	E24
P3	114.399	844.822	839.462	0.672	839.146	P23
A4	138.078	812.871	807.131	0.672	806.795	A22
K5	180.976	788.792	783.432	783.996	783.116	K21
S6	209.707	746.094	740.734	741.090	740.418	S20
A7	233.466	717.083	711.743	712.079	711.407	A19
P8	265.817	693.404	688.064	688.400	687.726	P18
A9	289.496	661.053	655.713	656.049	655.377	A17
P10	321.847	637.374	632.034	632.370	631.698	P16
K11	364.545	605.023	599.683	600.019	599.347	K15
K12	421.247	562.325	556.985	557.321	556.649	K14
G13	440.254	505.623	500.283	500.619	499.947	G13
S14	469.265	486.616	481.276	481.612	480.940	S12
K15	525.967	457.605	452.265	452.601	451.929	K11
K16	582.668	400.903	395.563	395.899	395.228	K10
A17	606.348	344.201	338.862	339.198	338.526	A9
V18	639.370	320.522	315.183	315.519	314.847	V8
T19	673.053	297.499	292.160	292.496	291.824	T17
K20	729.755	253.817	248.477	248.813	248.141	K6
A21	753.434	197.115	191.775	192.111	191.439	A5
Q22	796.120	173.438	168.098	168.432	167.760	Q4
K23	838.818	130.750	125.410	125.746	125.074	K3
K24	881.517	88.051	82.712	83.048	82.376	K2
D25	919.859	45.353	40.014	40.349	39.678	D1

sp | Q3THW5 | H2AV_MOUSE

SLIKATIAGGGVIPHIHKSLIGKKGQK Dimethyl TA
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=77.02
- ▶ F115941.dat
- ▶ query=q31733.p1
- ▶ precursor=770.717690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA	
S	1	105.060	3079.847	3063.828	0.000	3062.820	S	36
L	2	218.150	2992.813	2976.799	0.000	2975.795	L	29
I	3	331.234	2879.731	2863.712	0.000	2862.704	I	28
K	4	459.329	2766.648	2750.638	2751.636	2749.620	K	27
A	5	530.366	2638.552	2622.533	2623.541	2621.525	A	26
T	6	631.414	2507.514	2551.496	2552.504	2550.488	T	25
I	7	744.498	2466.407	2450.448	2451.456	2449.440	I	24
A	8	815.535	2353.383	2337.364	2338.372	2336.356	A	23
G	9	872.566	2282.340	2266.327	2267.335	2265.319	G	22
Q	10	929.578	2225.324	2209.305	2210.313	2208.296	Q	21
Q	11	988.599	2168.303	2152.284	2153.292	2151.276	Q	20
V	12	1085.668	2111.281	2095.262	2096.270	2094.255	V	19
I	13	1198.752	2012.213	1996.194	1997.202	1995.186	I	18
P	14	1295.805	1899.129	1883.110	1884.118	1882.102	P	17
H	15	1432.863	1802.076	1786.057	1787.065	1785.049	H	16
I	16	1543.248	1695.011	1648.999	1650.006	1647.990	I	15
H	17	1683.006	1551.931	1535.914	1536.922	1534.906	H	14
K	18	1811.101	1414.874	1398.855	1399.863	1397.847	K	13
S	19	1898.133	1298.770	1270.740	1271.768	1269.753	S	12
L	20	2011.217	1199.747	1183.728	1184.736	1182.720	L	11
I	21	2124.302	1098.663	1070.644	1071.652	1069.636	I	10
Q	22	2181.323	973.579	957.560	958.568	956.552	Q	9
K	23	2309.418	918.537	900.539	901.547	899.531	K	8
K	24	2437.513	788.462	772.444	773.452	771.436	K	7
Q	25	2494.534	660.368	644.349	645.357	643.341	Q	6
Q	26	2622.593	603.340	587.327	588.335	586.320	Q	5
Q	27	2750.692	475.267	459.269	460.277	458.261	Q	4
K	28	2906.778	347.229	331.210	332.218	330.202	K	3
T	29	3007.826	191.103	175.084	176.092	174.076	T	2
A	30	3078.883	90.855	74.038	75.044	73.028	A	1

sp | Q3THW5 | H2AV_MOUSE

SLIKATIAGGGVIPHIHKSLIGKKGQK Dimethyl TA
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=77.02
- ▶ F115941.dat
- ▶ query=q31733.p1
- ▶ precursor=770.717690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
S 1	53.037	1540.427	1532.418	0.504	1531.014	S 30
L 2	109.579	1496.011	1488.902	0.504	1488.398	L 29
I 3	166.121	1440.399	1432.360	0.504	1431.850	I 28
K 4	230.268	1383.827	1375.818	1376.321	1375.314	K 27
A 5	293.407	1319.775	1311.770	1312.274	1311.266	A 26
T 6	318.211	1284.261	1276.251	1276.755	1275.748	T 25
I 7	372.753	1233.737	1225.730	1226.232	1225.224	I 24
A 8	408.271	1177.195	1169.186	1169.690	1169.682	A 23
C 9	436.762	1141.676	1133.667	1134.171	1133.163	C 22
G 10	485.293	1113.166	1105.156	1105.660	1104.652	G 21
G 11	493.803	1084.655	1076.648	1077.149	1076.142	G 20
V 12	543.337	1056.144	1048.135	1048.639	1047.631	V 19
I 13	599.680	1006.610	998.601	999.105	998.097	I 18
F 14	648.406	950.068	941.059	942.563	941.555	F 17
H 15	718.926	901.543	893.532	894.036	893.028	H 16
I 16	773.474	833.012	825.003	825.507	824.499	I 15
H 17	842.007	779.470	768.461	768.965	767.957	H 14
K 18	906.054	707.941	699.931	700.435	699.427	K 13
S 19	949.570	643.893	633.884	634.388	633.380	S 12
L 20	1006.112	600.377	592.368	592.872	591.864	L 11
T 21	1062.654	543.836	535.828	536.330	535.322	T 10
G 22	1091.165	487.293	479.284	479.788	478.780	G 9
K 23	1155.213	458.782	450.773	451.277	450.269	K 8
K 24	1219.260	384.735	386.726	387.229	386.222	K 7
G 25	1247.771	330.687	322.678	323.182	322.174	G 6
G 26	1311.800	302.177	294.167	294.671	293.663	G 5
G 27	1375.829	238.141	230.132	230.635	229.627	G 4
K 28	1453.893	174.115	166.106	166.610	165.602	K 3
T 29	1504.410	98.055	88.046	88.550	87.542	T 2
A 30	1539.935	45.531	37.522	38.026	37.018	A 1

sp | Q3THW5 | H2AV_MOUSE

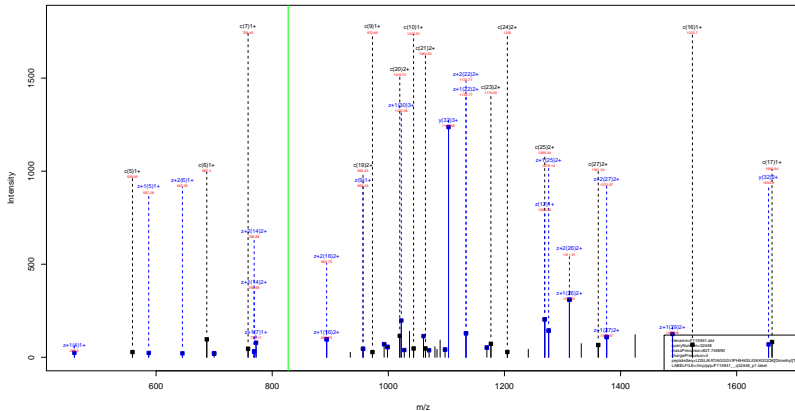
SLIKATIAGGGVIPHIHKSLIGKKGQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=77.02
- ▶ F115941.dat
- ▶ query=q31733.p1
- ▶ precursor=770.717690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
S	1	35.693	1027.287	1021.947	0.672	1021.012	S[30]
L	2	73.388	998.270	992.937	0.672	992.001	L[29]
L	3	111.083	960.582	955.242	0.672	954.906	L[28]
K	4	153.781	922.967	917.547	0.672	917.211	K[27]
A	5	177.490	885.159	874.849	0.675	874.513	A[26]
T	6	211.143	856.510	851.170	851.506	850.834	T[25]
H	7	248.837	822.827	817.488	817.823	817.152	H[24]
A	8	272.516	785.132	779.793	780.129	779.457	A[23]
G	9	291.524	761.453	756.114	756.450	755.776	G[22]
G	10	310.531	742.446	737.107	737.443	736.771	G[21]
G	11	329.538	723.439	718.099	718.435	717.764	G[20]
V	12	362.561	704.432	699.092	699.428	698.756	V[19]
I	13	400.255	671.400	666.070	666.405	665.734	I[18]
P	14	432.606	633.714	628.375	628.711	628.039	P[17]
H	15	478.293	601.363	596.024	596.360	595.688	H[16]
I	16	515.987	559.877	554.538	554.874	554.202	I[15]
H	17	561.674	517.982	512.643	512.979	512.307	H[14]
K	18	604.372	472.206	466.957	467.293	466.621	K[13]
S	19	633.393	429.559	424.220	424.554	423.927	S[12]
L	20	671.077	400.587	395.248	395.584	394.912	L[11]
L	21	708.772	362.893	357.553	357.889	357.217	L[10]
G	22	727.779	325.198	319.859	320.194	319.522	G[9]
K	23	770.478	305.191	300.851	301.187	300.515	K[8]
K	24	813.176	263.492	258.153	258.489	257.817	K[7]
G	25	832.183	220.794	215.454	215.790	215.119	G[6]
Q	26	874.889	201.787	196.447	196.783	196.111	Q[5]
Q	27	917.555	199.103	193.764	194.097	193.425	Q[4]
K	28	969.599	110.442	111.075	111.411	110.739	K[3]
T	29	1003.280	64.372	59.033	59.369	58.697	T[2]
A	30	1026.959	30.690	25.350	25.686	25.014	A[1]

sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLIGKKGQQK Dimethyl TA 28.03



sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLIGKKGQQK^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.87
- ▶ F115941.dat
- ▶ query=q32448.p1
- ▶ precursor=827.745690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
L	1	131.118	1307.958	1291.939	0.000	1260.931	L[32]
D	2	346.145	3194.874	3178.855	0.000	3177.847	D[31]
S	3	333.177	3079.847	3063.828	0.000	3062.820	S[30]
L	4	446.261	2992.815	2976.796	0.000	2975.788	L[29]
L	5	559.345	2876.731	2860.712	0.000	2862.704	L[28]
K	6	607.440	2766.646	2750.628	0.000	2749.620	K[27]
A	7	758.477	2638.562	2622.543	2623.541	2621.525	A[26]
T	8	859.525	2567.514	2551.496	2552.504	2550.488	T[25]
I	9	972.609	2466.467	2450.448	2451.456	2449.440	I[24]
A	10	1043.646	2353.383	2337.364	2338.372	2336.356	A[23]
G	11	1100.667	2262.346	2246.327	2247.335	2245.319	G[22]
G	12	1157.689	2176.324	2160.305	2161.313	2159.298	G[21]
G	13	1214.710	2108.303	2152.284	2153.292	2151.276	G[20]
V	14	1313.779	2111.281	2095.262	2096.270	2094.255	V[19]
I	15	1426.863	2032.213	1996.194	1997.202	1995.186	I[18]
P	16	1523.916	1999.129	1883.110	1884.118	1882.102	P[17]
K	17	1660.974	1802.076	1786.057	1787.065	1785.049	K[16]
I	18	1714.959	1805.017	1648.998	1650.006	1647.990	I[15]
H	19	1911.117	1551.933	1535.914	1536.922	1534.906	H[14]
K	20	2039.212	1414.874	1398.855	1399.863	1397.847	K[13]
S	21	2126.244	1286.779	1270.760	1271.768	1269.753	S[12]
L	22	2239.328	1199.747	1183.728	1184.736	1182.720	L[11]
L	23	2352.413	1088.663	1070.644	1071.652	1069.636	L[10]
G	24	2469.434	973.576	957.557	958.566	956.551	G[9]
K	25	2537.529	916.557	900.538	901.547	899.531	K[8]
K	26	2665.624	788.462	772.444	773.452	771.436	K[7]
G	27	2722.645	660.368	644.349	645.357	643.341	G[6]
Q	28	2850.704	603.349	587.327	588.335	586.320	Q[5]
Q	29	2978.763	475.287	459.269	460.277	458.261	Q[4]
K	30	3114.889	347.229	331.210	332.218	330.202	K[3]
I	31	3235.937	191.163	175.144	176.152	174.137	I[2]
A	32	3306.974	90.055	74.036	75.044	73.028	A[1]

sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLLIGKKGQQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.87
- ▶ F115941.dat
- ▶ query=q32448_p1
- ▶ precursor=827.745690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
L	1	66.093	1654.482	1046.473	0.504	1645.967	L132
D	2	123.576	1597.946	1589.931	0.504	1589.427	D131
S	3	187.092	1540.427	1532.418	0.504	1531.914	S30
L	4	223.634	1496.911	1488.902	0.504	1488.398	L29
I	5	280.176	1440.399	1432.390	0.504	1431.886	I28
R	6	344.224	1383.827	1375.818	1376.321	1375.314	R27
A	7	378.742	1319.779	1311.770	1312.274	1311.265	A26
T	8	430.268	1284.261	1276.251	1276.755	1275.748	T25
I	9	486.808	1233.737	1225.728	1226.232	1225.224	I24
A	10	522.327	1177.195	1169.186	1169.690	1168.682	A23
G	11	558.837	1141.678	1133.667	1134.171	1133.163	G22
G	12	578.368	1113.166	1105.158	1105.662	1104.654	G21
G	13	607.859	1084.655	1076.646	1077.149	1076.142	G20
V	14	657.393	1056.144	1048.135	1048.639	1047.631	V19
I	15	713.935	1026.616	998.601	999.105	998.097	I18
P	16	762.461	950.098	942.089	942.593	941.585	P17
H	17	830.994	901.542	893.532	894.036	893.028	H16
I	18	887.533	833.012	825.003	825.507	824.499	I15
H	19	956.062	778.470	768.461	768.965	767.957	H14
K	20	1020.110	707.941	699.931	700.435	699.427	K13
S	21	1063.626	643.893	635.884	636.388	635.380	S12
L	22	1107.168	600.377	592.368	592.872	591.864	L11
L	23	1178.710	543.835	535.826	536.330	535.322	L10
G	24	1205.221	487.293	479.284	479.788	478.780	G9
K	25	1269.268	458.782	450.773	451.277	450.269	K8
K	26	1313.316	394.735	386.726	387.229	386.222	K7
G	27	1361.826	330.687	322.678	323.182	322.174	G6
G	28	1433.859	302.177	294.168	294.671	293.663	G5
G	29	1489.895	238.147	230.138	230.642	229.634	G4
K	30	1587.948	174.118	166.109	166.613	165.605	K3
T	31	1618.472	98.055	88.048	88.550	87.542	T2
A	32	1653.090	45.511	37.522	38.026	37.018	A1

sp | Q3THW5 | H2AV_MOUSE

LDSLKATIAGGGVIPHIHKSLLIGKKGQQK ^{Dimethyl} TA
28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.87
- ▶ F115941.dat
- ▶ query=q32448.p1
- ▶ precursor=827.745690
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
L[1]	44.377	1103.324	1097.984	0.672	1097.649	L[32]
D[2]	82.720	1065.629	1060.290	0.672	1059.954	D[31]
S[3]	111.730	1027.287	1021.947	0.672	1021.612	S[30]
L[4]	149.425	998.276	992.937	0.672	992.601	L[29]
T[5]	187.120	960.582	955.242	0.672	954.907	T[28]
K[6]	225.816	922.887	917.547	0.672	917.203	K[27]
A[7]	253.497	880.189	874.849	0.672	874.513	A[26]
T[8]	287.180	856.510	851.170	0.672	850.834	T[25]
I[9]	324.874	822.827	817.487	0.672	817.152	I[24]
A[10]	348.553	785.132	779.793	0.672	779.457	A[23]
G[11]	387.581	761.453	756.114	0.672	755.778	G[22]
Q[12]	388.968	742.446	737.107	0.672	736.771	Q[21]
G[13]	405.575	723.439	718.099	0.672	717.764	G[20]
V[14]	438.588	704.432	699.092	699.428	698.758	V[19]
I[15]	476.292	671.409	666.070	0.672	665.734	I[18]
P[16]	508.643	633.714	628.375	0.672	628.039	P[17]
K[17]	554.230	601.362	596.024	0.672	595.688	K[16]
I[18]	592.824	558.877	553.538	0.672	553.202	I[15]
H[19]	637.711	517.982	512.643	0.672	512.307	H[14]
K[20]	680.409	472.296	466.957	0.672	466.621	K[13]
S[21]	709.420	420.598	415.259	0.672	414.923	S[12]
L[22]	747.114	400.587	395.248	0.672	394.912	L[11]
I[23]	784.809	362.892	357.553	0.672	357.217	I[10]
G[24]	803.816	325.196	319.857	0.672	319.521	G[9]
K[25]	846.515	306.191	300.851	0.672	300.515	K[8]
K[26]	889.213	263.462	258.123	0.672	257.787	K[7]
Q[27]	908.220	220.794	215.454	0.672	215.118	Q[6]
Q[28]	950.906	201.787	196.447	0.672	196.111	Q[5]
Q[29]	993.592	159.101	153.761	0.672	153.425	Q[4]
K[30]	1045.634	116.414	111.075	0.672	110.739	K[3]
T[31]	1079.317	94.372	89.033	0.672	88.697	T[2]
A[32]	1102.996	30.680	25.340	0.672	25.004	A[1]

sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=55.52
- ▶ F121324.dat
- ▶ query=q3358_p1
- ▶ precursor=343.545300
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	1	146.129	1028.621	1012.603	1013.610	1011.595	K[0]
Q	2	274.187	900.526	884.507	885.515	883.500	Q[0]
L	3	387.271	772.468	756.449	757.457	755.441	L[0]
A	4	458.309	659.384	643.365	644.373	642.357	A[0]
T	5	559.356	588.345	572.328	573.335	571.320	T[0]
K	6	729.462	497.299	471.280	472.288	470.272	K[4]
A	7	800.499	317.193	301.174	302.182	300.167	A[3]
A	8	871.536	246.156	230.137	231.145	229.130	A[2]
R	9	1027.637	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

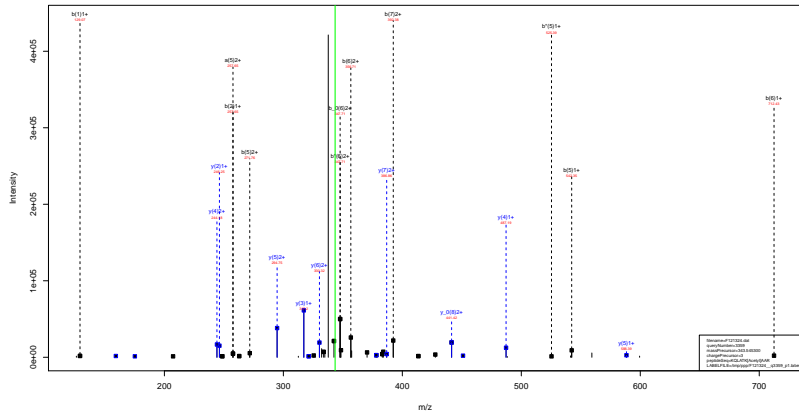
KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=55.52
- ▶ F121324.dat
- ▶ query=q3358_p1
- ▶ precursor=343.545300
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
K	1	73.568	514.814	506.805	507.309	506.301	K[0]
Q	2	137.597	450.767	442.757	443.261	442.253	Q[0]
L	3	194.130	386.731	376.720	379.232	378.225	L[1]
A	4	229.658	330.195	322.180	322.690	321.682	A[6]
T	5	280.182	294.671	286.657	287.171	286.164	T[5]
K	6	365.235	244.153	236.144	236.648	235.640	K[4]
A	7	400.763	199.100	191.091	191.595	190.587	A[3]
A	8	436.272	123.582	115.572	116.076	115.068	A[2]
R	9	514.322	88.063	80.054	80.558	79.550	R[1]

sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01



sp | P68433 | H31_MOUSE

KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.87
- ▶ F121324.dat
- ▶ query=q3359_p1
- ▶ precursor=343.545300
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	a	a'	aΔ	b	b'	bΔ	v	v'	vΔ	AA
R1	101.007	84.081	-0.000	129.102	112.976	-0.000	1028.623	881.595	-1010.011	R10
Q1	259.166	213.139	-0.000	257.161	240.134	-0.000	988.530	881.500	881.516	Q10
L1	342.250	325.223	-0.000	370.245	353.218	-0.000	772.460	755.441	754.457	L17
A1	413.287	396.261	-0.000	441.282	424.255	-0.000	668.391	649.281	644.313	A10
I1	514.759	497.732	-0.000	542.730	525.703	-0.000	588.346	571.325	570.338	I15
R1	614.440	597.414	-0.000	712.435	695.409	-0.000	487.299	470.272	-0.000	R14
A1	715.477	718.451	7.37461	783.472	786.446	765.482	317.193	300.167	-0.000	A13
A1	816.516	819.490	688.549	884.509	887.483	836.499	246.156	229.130	-0.000	A12
R1	912.516	915.500	984.025	1010.511	993.504	992.505	175.119	158.060	-0.000	R11

sp | P68433 | H31_MOUSE

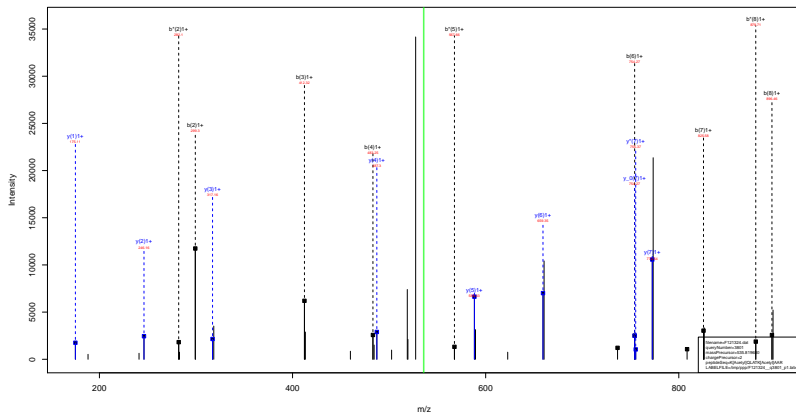
KQLATK^{Acetyl} AAR
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=44.87
- ▶ F121324.dat
- ▶ query=q3359_p1
- ▶ precursor=343.545300
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	a	a'	a.0	b	b'	b.0	y	y'	y.0	AA
R1	01.007	42.544	0.504	69.009	36.941	0.504	334.939	306.951	305.959	K1H
Q1	115.007	106.979	0.504	129.084	120.971	0.504	450.767	442.754	441.761	Q1B
L1	171.020	163.115	0.504	189.020	177.113	0.504	386.737	378.224	377.732	L1J
A1	207.147	200.643	0.504	221.149	212.638	0.504	336.195	321.682	321.190	A1D
T1	257.671	249.158	248.666	271.668	263.155	262.663	294.677	286.164	285.672	T1B
K1	342.724	334.211	333.718	356.721	348.208	347.716	244.193	236.640	0.504	K14
A1	378.242	369.729	369.237	392.240	383.727	383.235	159.100	150.587	0.504	A1B
A1	413.761	405.248	404.756	427.758	419.245	418.753	113.593	110.080	0.504	A1D
R1	459.811	453.298	452.806	509.800	497.288	496.804	89.081	79.570	0.504	R1J

sp | P68433 | H31_MOUSE

K^{Acetyl} QLATK^{Acetyl} AAR
42.01 42.01



sp | P68433 | H31_MOUSE

K^{Acetyl} 42.01 QLATK^{Acetyl} 42.01 AAR

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=56.47
- ▶ F121324.dat
- ▶ query=q3801_p1
- ▶ precursor=535.819680
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	a#	b	b*	b#	y	y*	y#	AA
R	143.118	125.101	0.000	174.113	154.096	0.000	1209.637	1204.900	0.000	R
Q	271.676	254.130	0.000	299.171	282.145	0.000	880.530	881.500	882.518	Q
L	384.261	367.234	0.000	412.255	395.229	0.000	772.468	755.441	754.457	L
A	493.008	476.011	0.000	483.292	466.295	0.000	459.324	442.327	441.314	A
V	558.240	539.539	0.000	565.261	567.314	568.330	588.336	571.339	570.328	V
K	726.451	709.424	708.440	754.446	737.419	738.435	487.299	470.272	0.000	K
A	797.498	780.481	779.471	825.483	808.456	807.472	317.193	300.187	0.000	A
A	888.475	871.469	869.575	906.535	879.493	878.509	246.134	229.133	0.000	A
R	1024.626	1007.609	1006.631	1020.621	1003.594	1004.611	175.119	158.088	0.000	R

sp | P68433 | H31_MOUSE

K^{Dimethyl} 28.03 SAPATGGVK^{Methyl} 14.02 KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=99.05
- ▶ F121324.dat
- ▶ query=q7522_p1
- ▶ precursor=492.632100
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	[1]	174.100	1475.881	1459.862	1460.870	1458.854	K[14]
S	[2]	261.192	1319.754	1303.736	1304.743	1302.728	S[13]
A	[3]	332.259	1232.722	1216.703	1217.711	1215.696	A[12]
P	[4]	429.282	1161.685	1145.666	1146.674	1144.659	P[11]
A	[5]	509.319	1094.632	1048.614	1049.621	1047.606	A[10]
T	[6]	601.367	993.595	977.577	978.584	976.569	T[9]
G	[7]	658.388	902.548	876.529	877.537	875.521	G[8]
G	[8]	715.410	835.526	819.507	820.515	818.500	G[7]
V	[9]	814.478	778.505	762.486	763.494	761.478	V[6]
K	[10]	956.589	679.439	663.417	664.425	662.410	K[5]
K	[11]	1084.684	537.326	521.307	522.315	520.299	K[4]
P	[12]	1181.736	409.231	393.212	394.220	392.204	P[3]
H	[13]	1318.795	312.178	296.159	297.167	295.151	H[2]
R	[14]	1474.896	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

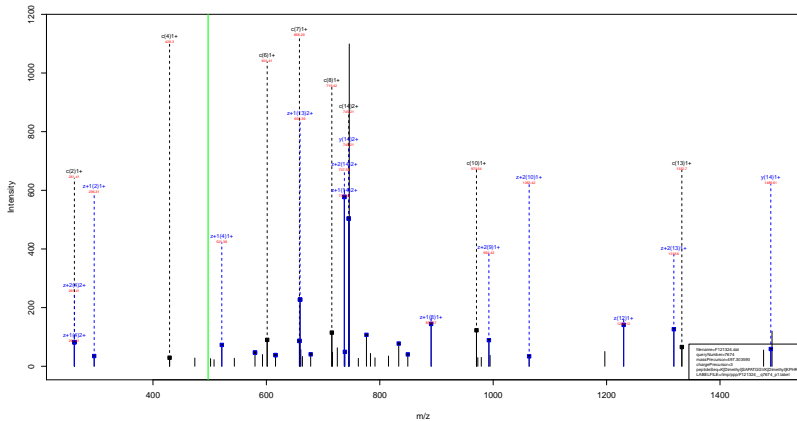
K^{Dimethyl} 28.03 SAPATGGVK^{Methyl} 14.02 KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=99.05
- ▶ F121324.dat
- ▶ query=q7522.p1
- ▶ precursor=492.632100
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	2	57.584	738.444	730.435	730.938	729.931	R
S	2	131.100	658.381	652.371	652.875	651.867	S
A	3	156.618	616.865	608.855	609.359	608.351	A
P	4	215.145	581.348	573.337	573.841	572.833	P
A	5	250.663	532.820	524.810	525.314	524.307	A
T	6	301.187	497.301	489.292	489.796	488.788	T
G	7	329.698	446.777	438.768	439.272	438.264	G
G	8	358.208	418.257	410.257	410.761	409.753	G
V	9	407.743	389.756	381.747	382.250	381.243	V
K	10	478.798	340.222	332.212	332.716	331.709	K
K	11	542.843	299.166	261.157	261.661	260.653	K
P	12	591.372	205.119	197.110	197.614	196.606	P
H	13	659.901	156.563	148.553	149.057	148.049	H
R	14	737.952	88.063	80.054	80.558	79.550	R

sp | P68433 | H31_MOUSE

K Dimethyl SAPATGGVK Dimethyl KPHR
28.03 28.03



sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.99
- ▶ F121324.dat
- ▶ query=q7674_p1
- ▶ precursor=497.303590
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[1]	174.100	1489.896	1473.877	1474.895	1472.870	R[14]
S[2]	261.192	1333.770	1317.751	1318.759	1318.743	S[13]
A[3]	817.279	1246.730	1230.710	1231.727	1229.711	A[12]
P[4]	429.282	1175.701	1159.681	1160.699	1158.674	P[11]
A[5]	500.119	1078.048	1062.029	1063.037	1061.021	A[10]
T[6]	601.367	1007.611	991.592	992.600	990.584	T[9]
G[7]	658.388	906.563	890.544	891.562	889.537	G[8]
G[8]	715.410	849.542	833.523	834.531	832.515	G[7]
V[9]	814.478	782.525	776.505	777.520	775.494	V[6]
K[10]	970.604	693.482	677.463	678.441	676.425	K[5]
K[11]	1098.699	537.426	521.307	522.315	520.299	K[4]
P[12]	1195.752	409.231	393.212	394.220	392.204	P[3]
H[13]	1332.811	312.178	296.159	297.167	295.151	H[2]
R[14]	1488.912	175.119	159.100	160.108	158.092	R[1]

sp | P68433 | H31_MOUSE

K^{Dimethyl}_{28.03} SAPATGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.99
- ▶ F121324.dat
- ▶ query=q7674_p1
- ▶ precursor=497.303590
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[2]	57.584	745.452	737.442	737.946	736.939	R[14]
S[2]	131.100	657.389	659.379	659.883	658.875	S[13]
A[3]	156.618	623.873	615.863	616.367	615.359	A[12]
P[4]	215.145	588.354	580.345	580.849	579.841	P[11]
A[5]	250.663	539.828	531.819	532.322	531.314	A[10]
T[6]	301.187	504.309	496.300	496.804	495.796	T[9]
G[7]	329.698	453.785	445.776	446.280	445.272	G[8]
G[8]	358.208	425.275	417.265	417.769	416.761	G[7]
V[9]	407.743	396.764	388.754	389.258	388.250	V[6]
K[10]	435.806	347.230	339.220	339.724	338.716	K[5]
K[11]	549.953	299.166	261.157	261.661	260.653	K[4]
P[12]	598.380	205.119	197.110	197.614	196.606	P[3]
H[13]	656.909	156.583	148.583	149.087	148.079	H[2]
R[14]	744.960	88.063	80.054	80.558	79.550	R[1]

sp | P84244 | H33_MOUSE

K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} K^{PHR}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.24
- ▶ F121324.dat
- ▶ query=q7853_p1
- ▶ precursor=377.228260
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[1]	174.160	1505.991	1489.872	1480.890	1488.905	K[14]
S[2]	261.192	1349.765	1333.740	1324.754	1332.768	S[13]
A[3]	332.229	1282.733	1246.714	1247.722	1245.706	A[12]
P[4]	429.282	1191.696	1175.677	1176.685	1174.669	P[11]
S[5]	516.314	1094.643	1078.624	1079.632	1077.616	S[10]
T[6]	617.362	1007.611	991.592	992.600	990.584	T[9]
C[7]	674.383	906.563	890.544	891.552	889.537	C[8]
G[8]	731.405	849.542	833.523	834.531	832.515	G[7]
V[9]	830.473	792.520	776.502	777.509	775.494	V[6]
K[10]	888.599	693.492	677.473	678.441	676.425	K[5]
K[11]	1114.694	537.326	521.307	522.315	520.299	K[4]
P[12]	1211.747	409.231	393.212	394.220	392.204	P[3]
H[13]	1348.806	312.178	296.159	297.167	295.151	H[2]
R[14]	1504.907	175.119	159.100	160.108	158.092	R[1]

sp | P84244 | H33_MOUSE

K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} K^{PHR}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.24
- ▶ F121324.dat
- ▶ query=q7853_p1
- ▶ precursor=377.228260
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
K	[2]	87.584	753.449	745.440	743.944	744.936	R[14]
S	[2]	131.100	675.386	667.377	667.801	666.873	S[13]
A	[3]	156.618	831.870	623.861	624.365	623.357	A[12]
P	[4]	215.145	596.351	588.342	588.846	587.838	P[11]
S	[5]	258.661	547.825	539.816	540.320	539.312	S[10]
T	[6]	309.184	504.309	496.300	496.804	495.796	T[9]
G	[7]	337.695	453.789	445.776	446.280	445.272	G[8]
G	[8]	366.206	425.275	417.265	417.769	416.761	G[7]
V	[9]	415.740	396.764	388.754	389.258	388.250	V[6]
K	[10]	493.803	347.230	339.220	339.724	338.716	K[5]
K	[11]	337.694	299.166	261.157	261.661	260.653	K[4]
P	[12]	616.377	205.119	197.110	197.614	196.606	P[3]
H	[13]	674.907	156.583	148.583	149.087	148.079	H[2]
R	[14]	752.957	88.063	80.054	80.558	79.550	R[1]

sp | P84244 | H33_MOUSE

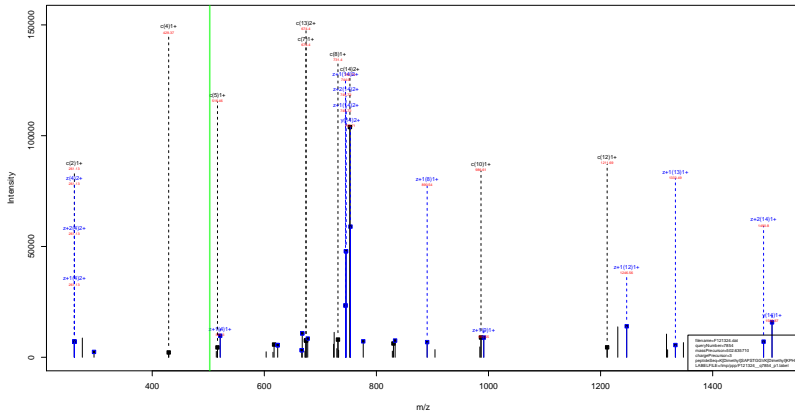
K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} K^{PHR}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=57.24
- ▶ F121324.dat
- ▶ query=q7853.p1
- ▶ precursor=377.228260
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[3]	58.725	502.635	497.296	497.632	496.960	R[14]
S[2]	87.736	450.593	445.257	445.589	444.918	S[13]
A[3]	111.415	421.582	416.243	416.579	415.907	A[12]
P[4]	143.766	397.903	392.564	392.900	392.228	P[11]
S[5]	172.776	365.552	360.213	360.549	359.877	S[10]
T[6]	206.459	336.542	331.202	331.538	330.866	T[9]
G[7]	225.466	302.859	297.520	297.856	297.184	G[8]
G[8]	244.473	283.852	278.513	278.848	278.177	G[7]
V[9]	277.496	264.845	259.505	259.841	259.169	V[6]
K[10]	329.530	231.822	226.483	226.819	226.147	K[5]
K[11]	372.236	179.786	174.440	174.776	174.105	K[4]
P[12]	404.587	137.082	131.742	132.078	131.406	P[3]
H[13]	450.273	104.731	99.391	99.727	99.055	H[2]
R[14]	502.307	59.045	53.705	54.041	53.369	R[1]

sp | P84244 | H33_MOUSE

K^{Dimethyl} 28.03 SAPSTGGVK^{Dimethyl} K^{Dimethyl} 28.03 PKHR



sp | P84244 | H33_MOUSE

K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} KPHR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.82
- ▶ F121324.dat
- ▶ query=q7854.p1
- ▶ precursor=502.635710
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
R[1]	174.100	1505.891	1480.872	1490.880	1488.865	R[14]
S[2]	261.192	1340.705	1333.746	1334.754	1332.738	S[13]
A[3]	837.279	1282.733	1246.714	1247.722	1245.706	A[12]
P[4]	429.282	1191.599	1179.617	1176.605	1174.597	P[11]
S[5]	516.314	1094.043	1078.624	1079.632	1077.616	S[10]
T[6]	617.362	1007.611	991.592	992.600	990.584	T[9]
G[7]	674.383	906.563	890.544	891.552	889.537	G[8]
G[8]	731.405	849.542	833.523	834.531	832.515	G[7]
V[9]	830.473	782.525	775.502	777.509	775.494	V[6]
R[10]	986.599	693.452	677.433	678.441	676.425	R[5]
R[11]	1114.694	597.326	521.307	522.315	520.299	R[4]
P[12]	1211.747	409.231	393.212	394.220	392.204	P[3]
H[13]	1348.806	312.178	296.159	297.167	295.151	H[2]
R[14]	1504.907	175.119	159.100	160.108	158.092	R[1]

sp | P84244 | H33_MOUSE

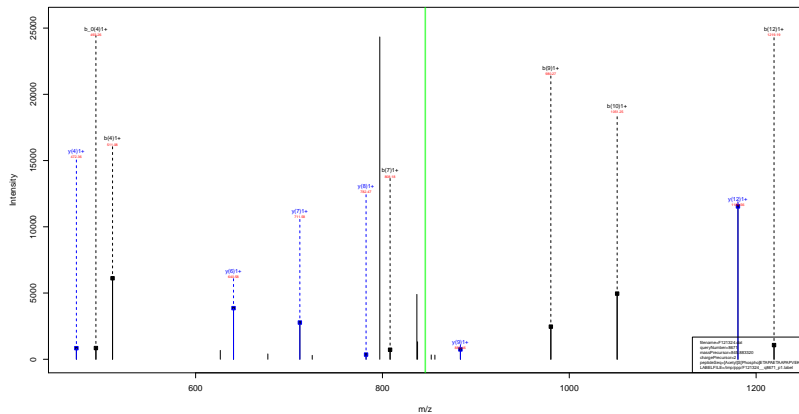
K^{Dimethyl}_{28.03} SAPSTGGVK^{Dimethyl}_{28.03} K^{PHR}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.82
- ▶ F121324.dat
- ▶ query=q7854.p1
- ▶ precursor=502.635710
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[2]	57.584	753.449	745.440	743.944	744.936	R[14]
S[2]	131.100	575.389	667.377	667.801	666.873	S[13]
A[3]	156.618	531.870	623.861	624.365	623.357	A[12]
P[4]	215.145	596.351	588.342	588.846	587.838	P[11]
S[5]	258.661	547.825	539.816	540.320	539.312	S[10]
T[6]	309.184	504.309	496.300	496.804	495.796	T[9]
G[7]	337.695	453.785	445.776	446.280	445.272	G[8]
G[8]	366.206	425.275	417.263	417.769	416.761	G[7]
V[9]	415.740	396.764	388.754	389.258	388.250	V[6]
K[10]	483.803	347.230	339.222	339.724	338.716	K[5]
K[11]	557.951	299.166	261.157	261.661	260.653	K[4]
P[12]	606.377	205.119	197.110	197.614	196.606	P[3]
H[13]	674.907	156.583	148.583	149.087	148.079	H[2]
R[14]	752.957	88.063	80.054	80.558	79.550	R[1]

sp | P43276 | H15_MOUSE

[Acetyl]S^{Phospho}_{79.97} ETAPAETAAPAPVEK



Revision: 01/2024
 Gene: P43276_MOUSE
 Mass: 1200.0000
 Charge: 12
 Label: [Acetyl]S^{Phospho}_{79.97} ETAPAETAAPAPVEK
 Labeled: y6(1)+, b_0(4)+, b(6)+, y(5)+, y(7)+, y(8)+, b(7)+, y(9)+, b(9)+, y(10)+, b(10)+, y(12)+, b(12)+

sp | P43276 | H15_MOUSE

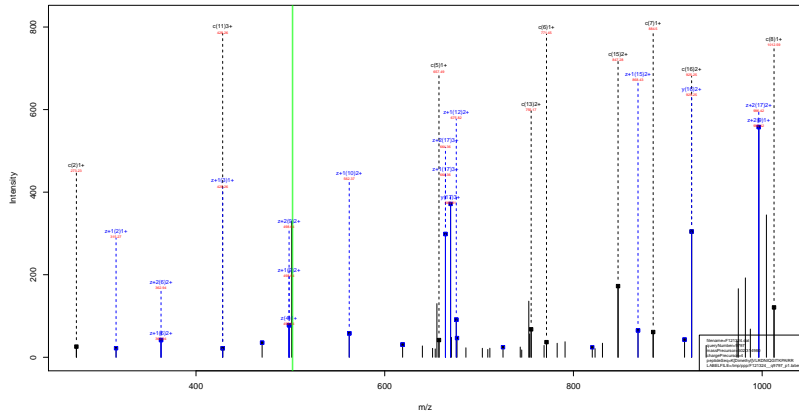
[Acetyl]S^{Phospho}_{79.97} ETAPAETAAPAPVEK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=42.88
- ▶ F121324.dat
- ▶ query=q8671.p1
- ▶ precursor=845.883320
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
S	102.021	0.000	106.011	210.010	0.000	492.009	460.710	107.670	202.747	S
E	111.054	0.000	240.051	310.050	0.000	321.038	540.740	1464.722	1460.730	E
T	112.112	0.000	760.121	840.120	0.000	621.050	1201.742	1320.762	2326.760	T
A	140.140	0.000	460.138	511.144	0.000	401.133	1261.830	1254.610	2221.841	A
P	150.150	0.000	560.150	600.150	0.000	590.150	1180.621	1183.590	1182.610	P
A	160.160	0.000	620.159	670.159	0.000	661.159	1000.740	1000.740	1000.740	A
E	160.160	0.000	760.171	800.176	0.000	790.176	992.510	992.500	994.510	E
T	161.120	0.000	390.119	400.124	0.000	391.119	601.490	590.490	593.470	T
A	164.160	0.000	424.160	460.161	0.000	451.161	702.441	701.441	704.441	A
A	165.160	0.000	1070.162	1051.160	0.000	1071.162	711.404	694.271	692.191	A
P	110.450	0.000	1102.441	1140.410	0.000	1110.410	640.306	621.340	622.300	P
A	1101.401	0.000	1171.402	1219.400	0.000	1201.417	543.310	526.301	525.301	A
T	1200.400	0.000	1210.400	1210.400	0.000	1200.400	412.247	400.250	404.260	T
V	1307.014	0.000	1300.004	13410.000	0.000	1307.000	175.220	300.110	301.213	V
E	1310.037	0.000	1400.041	1544.052	0.000	1520.041	276.130	269.120	268.140	E
R	1544.712	3027.721	1620.741	1672.741	3026.720	1654.710	147.111	130.000	0.000	R

sp | P62806 | H4_MOUSE

K Dimethyl VLRDNIQGITKPAIRR
28.03



sp | P62806 | H4_MOUSE

K^{Dimethyl}_{28.03} VLRDNIQGITKPAIRR

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.68
- ▶ F121324.dat
- ▶ query=q9797.p1
- ▶ precursor=502.314980
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[1]	174.160	2006.231	1990.210	1991.224	1889.209	K[17]
V[2]	273.229	1830.105	1834.090	1835.097	1833.082	V[16]
L[3]	386.313	1751.040	1735.021	1736.029	1734.013	L[15]
R[4]	542.414	1637.956	1621.937	1622.945	1620.929	R[14]
D[5]	657.441	1481.855	1465.836	1466.844	1464.828	D[13]
N[6]	771.484	1306.820	1350.809	1351.817	1349.801	N[12]
H[7]	854.568	1252.785	1226.766	1227.774	1225.758	H[11]
Q[8]	1012.626	1139.701	1123.683	1124.690	1122.674	Q[10]
G[9]	1059.645	1011.642	995.623	996.631	994.615	G[9]
I[10]	1182.732	954.621	938.602	939.610	937.594	I[8]
T[11]	1283.779	841.537	825.518	826.526	824.510	T[7]
K[12]	1411.874	740.489	724.470	725.478	723.462	K[6]
P[13]	1508.927	612.394	596.375	597.383	595.367	P[6]
A[14]	1579.984	515.341	499.322	500.330	498.315	A[4]
I[5]	1693.048	444.304	428.285	429.293	427.278	I[3]
R[16]	1549.149	331.220	315.201	316.209	314.194	R[2]
R[17]	2006.251	175.110	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

K^{Dimethyl}_{28.03} VLRDNIQGITKPAIRR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=40.68
- ▶ F121324.dat
- ▶ query=q9797.p1
- ▶ precursor=502.314980
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
K[1]	87.584	1003.021	995.612	996.115	995.108	K[17]
V[2]	137.118	925.558	917.548	918.052	917.045	V[16]
L[3]	193.660	876.034	868.014	868.518	867.510	L[15]
R[4]	271.710	819.482	811.472	811.976	810.968	R[14]
D[5]	329.224	741.431	733.422	733.926	732.918	D[13]
N[6]	386.245	683.918	675.908	676.412	675.404	N[12]
T[7]	442.287	626.896	618.887	619.391	618.383	T[11]
Q[8]	508.817	570.384	562.365	562.869	561.841	Q[10]
G[9]	535.327	506.325	498.315	498.819	497.811	G[9]
H[10]	591.869	477.814	469.805	470.309	469.301	H[8]
F[11]	642.393	421.272	413.263	413.767	412.759	F[7]
K[12]	706.441	370.748	362.739	363.243	362.235	K[6]
P[13]	754.967	306.701	298.691	299.195	298.187	P[5]
A[14]	790.486	258.174	250.165	250.669	249.661	A[4]
I[15]	847.028	222.696	214.646	215.150	214.142	I[3]
R[16]	925.078	166.114	158.104	158.608	157.600	R[2]
R[17]	1003.129	88.061	80.054	80.558	79.550	R[1]

sp | P62806 | H4_MOUSE

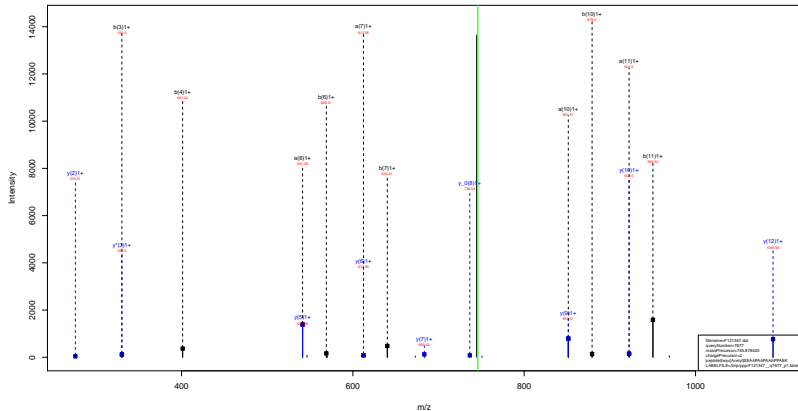
K^{Dimethyl}_{28.03} VLRDNIQGITKPAIRR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=40.68
- ▶ F121324.dat
- ▶ query=q9797.p1
- ▶ precursor=502.314980
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
R[1]	58.725	669.416	664.077	664.413	663.741	R[17]
V[2]	91.748	617.374	612.035	612.371	611.699	V[16]
L[3]	129.442	584.351	579.012	579.348	578.676	L[15]
R[4]	161.476	546.657	541.317	541.653	540.981	R[14]
D[5]	219.818	494.623	489.284	489.619	488.948	D[13]
N[6]	257.833	456.281	450.941	451.277	450.605	N[12]
T[7]	295.827	418.265	412.927	413.263	412.591	T[11]
Q[8]	338.214	380.572	375.232	375.568	374.896	Q[10]
G[9]	357.221	337.886	332.546	332.882	332.210	G[9]
I[10]	394.915	318.878	313.539	313.875	313.203	I[8]
T[11]	428.598	281.184	275.844	276.180	275.508	T[7]
K[12]	471.296	247.501	242.162	242.498	241.826	K[6]
P[13]	503.647	204.803	199.463	199.799	199.127	P[5]
A[14]	527.326	172.452	167.112	167.448	166.776	A[4]
T[15]	565.021	140.773	141.433	143.769	143.097	T[3]
R[16]	617.655	111.076	105.739	106.075	105.403	R[2]
R[17]	669.088	59.045	53.705	54.041	53.369	R[1]

sp | P15864 | H12_MOUSE

[Acetyl]SEAAPAAPAAAPPAEK



MassSpecTools v1.0.0
Query: P15864_H12_MOUSE
AcetylSEAAPAAPAAAPPAEK
m/z: 727.1
Intensity: 7500

sp | P15864 | H12_MOUSE

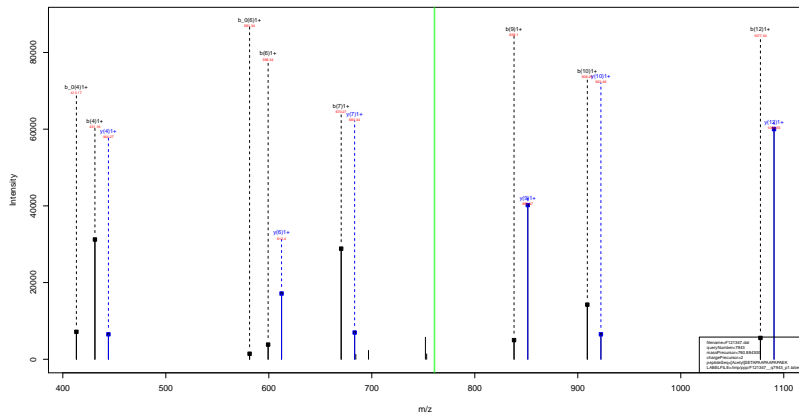
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- ▶ specType=cid
- ▶ score=60.35
- ▶ F121347.dat
- ▶ query=q7677.p1
- ▶ precursor=745.878420
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
S1	133.055	0.000	88.047	133.055	0.000	132.039	149.140	147.922	147.738	S188
E1	131.050	0.000	213.083	292.072	0.000	243.062	136.705	134.479	134.088	E155
A13	130.136	0.000	388.124	130.130	0.000	132.119	127.623	123.831	124.053	A14
A4	173.172	0.000	305.141	401.167	0.000	383.136	1181.636	1144.600	1143.618	A13
P15	170.225	0.000	482.214	488.219	0.000	480.202	1090.549	1075.563	1102.579	P12
A16	141.262	0.000	320.260	166.257	0.000	303.248	991.533	978.533	1004.508	A11
A7	612.299	0.000	508.293	640.284	0.000	622.283	622.499	905.473	1004.480	A10
P18	108.352	0.000	189.141	719.348	0.000	183.330	851.462	836.430	815.432	P16
A19	108.098	0.000	182.131	686.245	0.000	180.321	754.400	737.363	736.394	A18
A10	851.426	0.000	673.413	879.421	0.000	853.403	683.372	668.352	688.362	A17
A11	922.463	0.000	808.430	950.438	0.000	892.449	612.335	598.326	584.326	A16
P12	1019.516	0.000	1001.500	1047.511	0.000	1020.500	541.268	536.271	525.287	P10
P13	1118.568	0.000	1098.560	1144.563	0.000	1128.553	448.270	427.259	426.259	P14
A14	1187.608	0.000	1169.600	1215.603	0.000	1187.590	387.131	130.146	120.182	A15
E15	1318.646	0.000	1298.638	1344.643	0.000	1328.632	276.155	259.129	258.145	E12
R108	1444.742	1427.731	1426.731	1472.738	1455.731	1454.721	147.113	130.088	0.000	R10

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAEK



sp | P43274 | H14_MOUSE

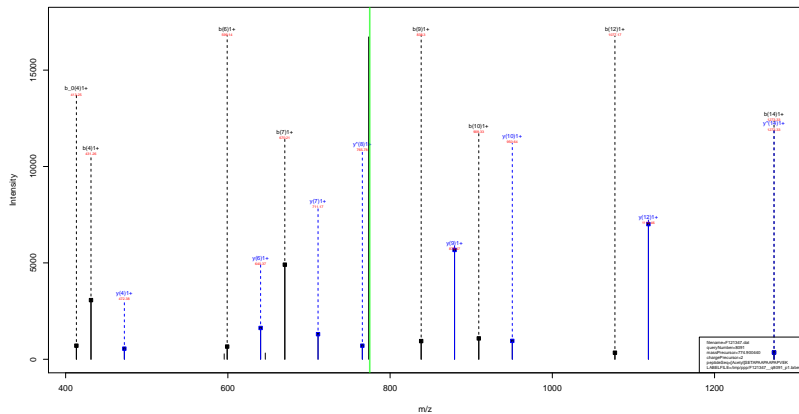
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- ▶ score=54.84
- ▶ F121347.dat
- ▶ query=q7943.p1
- ▶ precursor=760.884300
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
S1	1021.050	0.000	496.047	1100.050	0.000	622.003	1020.749	1202.712	1002.749	S102
E12	1031.050	0.000	212.081	2020.052	0.000	281.052	1031.712	1174.690	1102.749	E115
T13	1122.149	0.000	149.121	1002.142	0.000	301.120	1122.812	1129.841	1104.802	T114
A14	1002.150	0.000	385.172	431.177	0.000	413.187	1101.820	1144.600	1141.610	A113
P15	1002.151	0.000	480.223	1002.151	0.000	501.207	1000.580	1103.583	1102.519	P112
A16	1012.151	0.000	300.160	1002.161	0.000	501.207	1012.519	1010.500	1010.500	A111
A17	1042.150	0.000	629.200	070.304	0.000	152.236	022.490	1002.471	1004.480	A110
P18	1102.152	0.000	170.162	1102.162	0.000	181.160	051.492	1101.430	1111.412	P109
A19	1012.150	0.000	142.180	1102.162	0.000	182.162	1111.412	1112.381	1102.380	A108
A109	1012.150	0.000	1002.425	005.431	0.000	101.412	001.372	1002.380	1002.380	A107
P111	1110.480	0.000	300.470	1000.484	0.000	100.477	012.335	1001.310	1004.320	P106
A112	1040.520	0.000	1010.513	1077.521	0.000	1000.511	1111.310	1000.350	1001.212	A105
T114	1140.510	0.000	1110.500	1114.514	0.000	1100.500	044.283	1001.210	1001.210	T104
A114	1117.010	0.000	1100.000	1140.011	0.000	1107.000	1011.100	1010.100	1001.100	A103
E115	1100.010	0.000	1120.041	1174.054	0.000	1100.010	1101.100	1011.100	1001.100	E102
R101	1474.124	1480.121	1480.141	1502.149	1500.122	1484.110	147.111	1301.000	0.000	R101

sp | P43277 | H13_MOUSE

[Acetyl]SETAPAAPAAPAVEK



sp | P43277 | H13_MOUSE

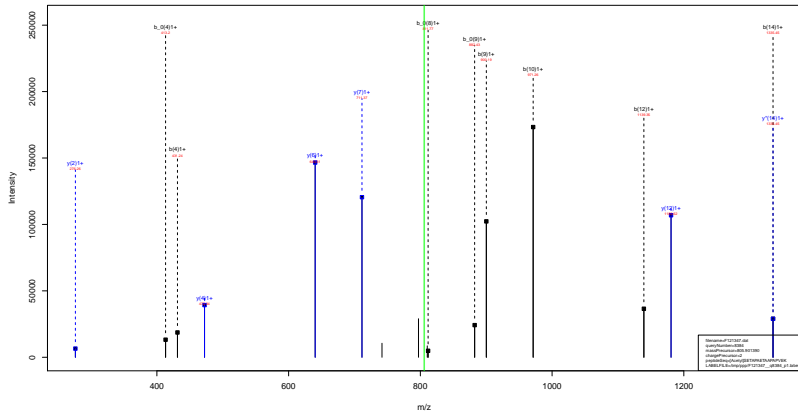
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- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=65.12
- ▶ F121347.dat
- ▶ query=q8091.p1
- ▶ precursor=774.900440
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	x*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
S[1]	102.050	0.000	49.944	1.00000	0.000	112.010	1540.190	1512.190	1530.190	S[10]
E[2]	231.158	0.000	211.887	2.00002	0.000	243.102	1410.740	1410.740	1401.747	E[15]
T[3]	332.145	0.000	145.150	1.00014	0.000	303.810	1300.100	1373.670	1300.000	T[14]
A[4]	403.180	0.000	385.172	431.177	0.000	413.187	1180.850	1172.850	1171.847	A[13]
P[5]	500.235	0.000	480.226	500.267	0.000	510.233	1116.820	1101.500	1100.810	P[12]
A[6]	618.212	0.000	530.760	590.267	0.000	581.251	1000.100	1000.100	1000.100	A[11]
A[7]	642.150	0.000	626.360	610.304	0.000	652.214	950.531	931.500	942.500	A[10]
P[8]	718.202	0.000	710.200	710.200	0.000	700.190	870.493	867.490	861.493	P[9]
A[9]	810.200	0.000	792.200	810.204	0.000	801.191	750.100	765.414	764.414	A[8]
A[10]	881.230	0.000	863.420	900.431	0.000	891.421	711.404	704.400	702.401	A[7]
P[11]	976.480	0.000	968.471	1.00049	0.000	980.471	640.366	630.366	621.366	P[6]
A[12]	1049.530	0.000	1030.518	1077.551	0.000	1059.511	540.311	520.300	526.311	A[6]
T[13]	1146.500	0.000	1110.500	1134.514	0.000	1120.500	472.271	460.250	464.266	T[5]
V[14]	1245.547	0.000	1217.611	1273.642	0.000	1250.610	350.100	350.100	367.211	V[1]
E[15]	1314.600	0.000	1256.620	1.00085	0.000	1284.610	270.100	260.100	268.145	E[1]
K[16]	1402.700	1400.700	1400.700	1.00000	1401.710	1412.700	147.110	140.000	0.000	K[16]

sp | P43276 | H15_MOUSE

[Acetyl]SETAPAETAAPAPVEK



sp | P43276 | H15_MOUSE

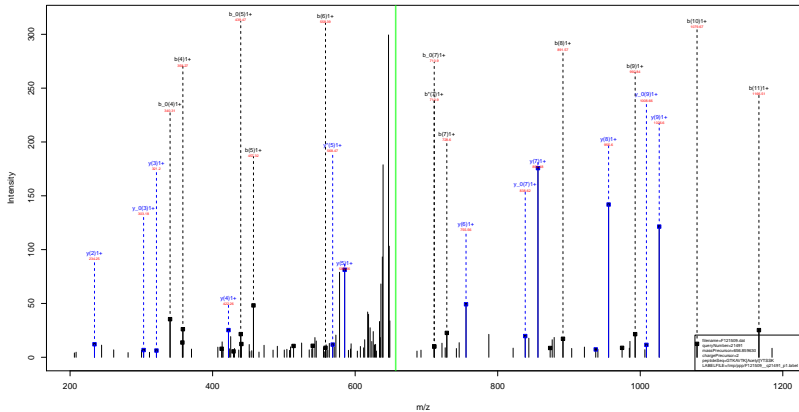
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- ▶ fragmentation table for charge state 1+
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- ▶ F121347.dat
- ▶ query=q8384.p1
- ▶ precursor=805.901390
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	x*	a ₀	b	b*	b ₀	γ	γ*	v ₀	AA
S[1]	102.050	0.000	69.944	1.00000	0.000	112.010	31.011	1.000	102.050	S[10]
E[2]	231.158	0.000	211.887	2.00002	0.000	243.102	148.174	0.000	231.158	E[15]
T[3]	332.145	0.000	145.131	1.00014	0.000	303.110	130.160	0.000	332.145	T[14]
A[4]	403.180	0.000	385.172	431.177	0.000	413.187	125.185	0.000	403.180	A[13]
P[5]	500.235	0.000	480.228	5.00210	0.000	510.231	1180.211	0.000	500.235	P[12]
A[6]	618.271	0.000	535.265	7.00267	0.000	603.251	1000.244	0.000	618.271	A[11]
E[7]	708.315	0.000	682.304	7.00310	0.000	710.299	1012.311	0.000	708.315	E[10]
T[8]	801.362	0.000	719.352	800.345	0.000	811.347	101.438	0.000	801.362	T[9]
A[9]	872.410	0.000	854.389	900.395	0.000	882.384	102.441	0.000	872.410	A[8]
A[10]	943.457	0.000	925.425	971.432	0.000	953.421	711.404	0.000	943.457	A[7]
P[11]	1040.489	0.000	1012.474	10.00404	0.000	1050.474	640.366	0.000	1040.489	P[6]
A[12]	1111.537	0.000	1085.518	1139.522	0.000	1121.511	540.311	0.000	1111.537	A[5]
T[13]	1208.593	0.000	1150.566	11.00514	0.000	1138.564	472.271	0.000	1208.593	T[5]
V[14]	1307.646	0.000	1230.611	1335.643	0.000	1317.632	115.224	0.000	1307.646	V[3]
E[15]	1410.690	0.000	1311.680	14.00685	0.000	1400.673	276.155	0.000	1410.690	E[2]
K[16]	1504.738	0.000	1446.713	15.00780	0.000	1514.710	147.111	0.000	1504.738	K[1]

sp | P70696 | H2B1A_MOUSE

GTKAVTK ^{Acetyl} YTSSK
42.01



sp | P70696 | H2B1A_MOUSE

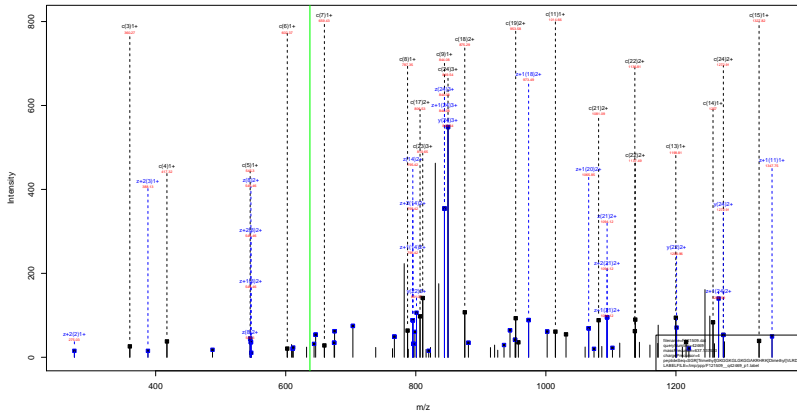
GTKAVTK ^{Acetyl} YTSSK
42.01

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- ▶ F121509.dat
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- ▶ precursor=656.859630
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a'	a+b	b	b'	b+a'	c	c'	c+b'	AA
Q1	321.229	0.000	321.229	0.000	0.000	321.229	1132.712	2120.034	2244.102	Q129
T1	131.100	0.000	131.100	1.000	0.000	131.100	1200.692	2120.034	2237.609	T111
K2	359.176	282.150	244.168	277.174	270.145	300.151	1125.847	1137.615	1138.611	K108
A1	439.214	311.131	329.109	358.208	351.183	301.191	1125.847	1109.789	1106.756	A107
V1	429.282	412.255	411.211	457.277	448.250	439.266	955.509	938.461	937.490	V106
I1	335.133	511.101	510.159	558.225	551.200	540.174	856.441	839.413	838.431	I102
K6	339.452	383.409	382.426	728.439	711.404	710.420	751.376	734.362	731.383	K101
V10	361.490	369.471	369.462	891.493	884.477	873.461	955.238	948.261	947.227	V102
V11	364.546	367.529	366.516	902.541	895.511	874.531	422.225	405.188	404.214	V101
S10	393.579	3184.052	2933.589	1079.573	1062.547	1061.063	321.177	304.150	303.186	S10
S11	1138.610	1120.589	1120.589	1166.605	1166.599	1166.599	234.140	217.119	216.106	S10
R12	1366.100	1360.079	1348.065	1324.051	1317.024	1310.000	217.119	130.080	0.000	R10

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD



sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=92.08
- ▶ F121509.dat
- ▶ query=q42469_p1
- ▶ precursor=637.137530
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	105.066	2945.539	2529.520	0.000	2529.517	S[24]
G	2	152.067	2438.507	2442.488	0.000	2441.480	G[23]
H	3	368.235	2301.485	2383.466	2389.474	2384.459	H[22]
G	4	417.257	2203.537	2197.518	2188.526	2195.510	G[21]
K	5	545.152	2148.518	2150.297	2151.309	2159.288	K[20]
G	6	602.373	2048.221	2002.202	2003.210	2001.194	G[19]
G	7	659.395	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.490	1904.179	1888.159	1889.167	1887.151	K[17]
G	9	844.511	1776.081	1760.064	1761.072	1759.056	G[16]
L	10	957.595	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1014.617	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.712	1548.958	1532.937	1533.945	1531.929	K[13]
G	13	1199.733	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.755	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.792	1306.818	1290.799	1291.807	1289.791	A[10]
K	16	1455.887	1249.781	1219.762	1220.770	1218.754	K[9]
R	17	1611.988	1197.686	1191.667	1092.675	1090.659	R[8]
H	18	1748.047	951.585	935.566	936.574	934.558	H[7]
R	19	1905.148	814.528	798.507	799.515	797.499	R[6]
K	20	2061.274	658.425	642.406	643.414	641.398	K[5]
V	21	2180.342	502.298	486.280	487.287	485.272	V[4]
L	22	2273.427	401.236	387.211	388.219	386.203	L[3]
D	23	2429.538	290.140	274.127	275.135	273.119	D[2]
D	24	2544.555	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=92.08
- ▶ F121509.dat
- ▶ query=q42469_p1
- ▶ precursor=637.137530
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	63.017	1273.273	1265.264	0.504	1264.760	S[24]
G	2	61.547	1229.757	1221.748	0.504	1221.244	G[23]
R	3	180.621	1201.246	1193.237	1185.741	1180.243	R[22]
G	4	399.133	1102.172	1094.163	1084.667	1083.659	G[21]
K	5	273.180	1073.661	1065.652	1056.156	1055.148	K[20]
G	6	301.690	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	330.201	961.103	973.094	973.598	972.590	G[18]
K	8	394.245	952.592	944.583	945.087	944.079	K[17]
G	9	422.759	898.545	880.536	881.040	880.032	G[16]
L	10	479.304	860.036	852.027	852.530	851.521	L[15]
G	11	507.812	803.492	795.483	795.987	794.979	G[14]
K	12	571.859	774.982	766.972	767.476	766.468	K[13]
G	13	600.370	710.934	702.925	703.429	702.421	G[12]
G	14	628.881	682.423	674.414	674.918	673.910	G[11]
A	15	684.399	653.913	645.903	646.407	645.399	A[10]
R	16	728.447	618.394	610.385	610.889	609.881	R[9]
R	17	806.498	554.347	546.337	546.841	545.833	R[8]
H	18	875.027	476.290	468.281	468.784	467.776	H[7]
R	19	953.078	407.767	399.757	400.261	399.253	R[6]
K	20	1031.141	329.716	321.707	322.211	321.203	K[5]
V	21	1060.675	251.663	243.653	244.157	243.149	V[4]
L	22	1137.217	202.119	194.109	194.613	193.605	L[3]
R	23	1215.267	145.577	137.567	138.071	137.063	R[2]
D	24	1272.781	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=92.08
- ▶ F121509.dat
- ▶ query=q42469_p1
- ▶ precursor=637.137530
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	849.184	843.845	0.672	843.509	S[24]
G[2]	54.701	820.174	814.834	0.672	814.498	G[23]
R[3]	120.750	801.167	795.827	796.163	795.491	R[22]
G[4]	139.757	735.117	729.778	730.114	729.442	G[21]
K[5]	182.455	716.110	710.770	711.106	710.435	K[20]
G[6]	201.463	673.412	668.072	668.408	667.736	G[19]
G[7]	220.470	654.405	649.065	649.401	648.729	G[18]
K[8]	263.168	635.397	630.058	630.394	629.722	K[17]
G[9]	282.175	592.699	587.359	587.695	587.024	G[16]
L[10]	319.676	674.692	568.352	568.688	568.016	L[15]
G[11]	338.677	535.997	530.658	530.994	530.322	G[14]
K[12]	381.575	516.990	511.651	511.986	511.315	K[13]
G[13]	400.583	474.292	468.952	469.288	468.616	G[12]
G[14]	419.590	455.285	449.945	450.281	449.609	G[11]
A[15]	443.269	436.277	430.938	431.274	430.602	A[10]
K[16]	485.967	412.598	407.259	407.595	406.923	K[9]
R[17]	538.001	369.900	364.561	364.896	364.225	R[8]
H[18]	583.687	317.866	312.527	312.863	312.191	H[7]
R[19]	635.721	272.180	266.841	267.176	266.505	R[6]
K[20]	687.763	220.140	214.801	215.143	214.471	K[5]
V[21]	720.786	168.104	162.765	163.101	162.429	V[4]
L[22]	758.480	135.082	129.742	130.078	129.406	L[3]
R[23]	810.514	97.387	92.047	92.383	91.711	R[2]
D[24]	848.856	45.353	40.014	40.349	39.678	D[1]

sp | P43274 | H14_MOUSE

KTPVKKKARK ^{Methyl} AAGGAKRKTSGPPVSE
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.39
- ▶ F121509.dat
- ▶ query=q44834.p1
- ▶ precursor=673.658630
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
R 1	146.129	2091.610	2679.592	2676.600	2674.584	R 26
T 2	247.176	2563.515	2547.497	2548.505	2546.489	T 25
P 3	344.229	2462.468	2440.449	2447.457	2445.441	P 24
V 4	443.298	2395.415	2349.396	2350.404	2348.388	V 23
K 5	571.393	2366.347	2290.328	2291.336	2289.320	K 22
K 6	699.488	2138.292	2122.273	2123.281	2121.265	K 21
K 7	827.583	2010.157	1994.138	1995.146	1993.130	K 20
A 8	898.620	1882.062	1866.043	1867.051	1865.035	A 19
R 9	1054.721	1811.025	1795.006	1796.014	1793.998	R 18
K 10	1196.831	1654.923	1638.905	1639.913	1637.897	K 17
A 11	1267.868	1512.813	1496.794	1497.802	1495.786	A 16
A 12	1338.906	1444.776	1425.757	1426.765	1424.749	A 15
G 13	1395.927	1370.739	1354.720	1355.728	1353.712	G 14
G 14	1452.949	1313.717	1297.698	1298.706	1296.691	G 13
A 15	1523.986	1256.695	1240.677	1241.685	1239.669	A 12
K 16	1652.081	1185.659	1169.640	1170.648	1168.632	K 11
R 17	1808.182	1057.564	1041.545	1042.553	1040.537	R 10
K 18	1936.277	991.461	985.444	986.452	984.436	K 9
T 19	2037.324	913.369	907.350	908.357	906.341	T 9
S 20	2124.356	872.320	856.301	857.309	855.293	S 7
G 21	2181.378	885.288	869.269	870.277	868.261	G 6
P 22	2276.431	826.266	812.246	813.254	811.240	P 5
P 23	2375.483	831.214	815.195	816.203	814.187	P 4
V 24	2474.532	804.181	808.162	809.170	807.154	V 3
S 25	2513.584	735.092	719.074	720.082	718.066	S 3
E 26	2680.626	148.060	132.042	133.050	131.034	E 1

sp | P43274 | H14_MOUSE

KTPVKKKARK ^{Methyl} AAGGAKRKTSGPPVSE
14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.39
- ▶ F121509.dat
- ▶ query=q44834.p1
- ▶ precursor=673.658630
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
R 1	73.508	1346.939	1338.299	1338.803	1337.796	R 20
T 2	134.002	1282.261	1274.252	1274.756		T 25
F 3	178.618	1931.738	1223.728	1224.232	1223.228	F 24
V 4	222.152	1183.211	1175.202	1175.706	1174.696	V 23
K 5	266.200	1133.679	1125.668	1126.171	1125.164	K 22
K 6	309.237	1069.629	1061.620	1062.124		K 21
K 7	414.295	1005.582	997.573	998.077	997.067	K 20
A 8	449.813	941.534	933.525	934.029	933.021	A 19
R 9	527.804	906.016	898.007	898.510	897.503	R 18
K 10	598.919	827.965	819.956	820.460	819.452	K 17
A 11	634.438	756.910	748.901	748.405	748.397	A 16
A 12	669.956	723.366	715.357	715.861	714.854	A 15
G 13	698.467	685.873	677.864	678.368	677.361	G 14
G 14	726.978	657.362	649.353	649.857	648.849	G 13
A 15	762.496	628.852	620.842	621.346	620.338	A 12
K 16	826.544	593.333	585.324	585.827	584.820	K 11
R 17	904.594	529.285	521.276	521.780	520.772	R 10
R 18	968.642	453.235	445.226	445.729	444.722	R 9
T 19	1019.166	387.187	379.178	379.682	378.674	T 8
S 20	1062.682	336.664	328.654	329.158	328.150	S 7
G 21	1091.193	293.149	285.138	285.642	284.634	G 6
F 22	1139.719	264.637	256.627	257.131	256.124	F 5
F 23	1189.248	216.110	208.100	208.604	207.597	F 4
V 24	1237.780	167.584	159.573	160.079	159.071	V 3
S 25	1281.296	118.050	110.041	110.544	109.537	S 2
E 26	1345.817	74.534	66.524	67.028	66.021	E 1

sp | P43274 | H14_MOUSE

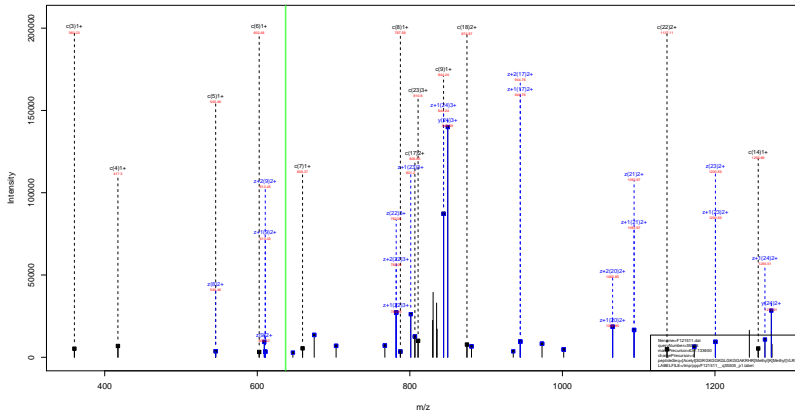
KTPVKKKARK ^{Methyl} AAGGAKRKTSGPPVSE
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.39
- ▶ F121509.dat
- ▶ query=q44834_p1
- ▶ precursor=673.658630
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
R[1]	49.381	897.875	892.535	892.871	892.199	R[26]
F[2]	83.064	855.177	849.837	850.173	849.501	F[25]
F[3]	113.815	821.498	816.153	816.890	815.819	F[24]
V[4]	148.437	789.143	783.804	784.140	783.468	V[23]
K[5]	191.136	756.120	750.781	751.117	750.445	K[22]
K[6]	233.834	713.422	708.082	708.418	707.747	K[21]
K[7]	276.532	670.724	665.384	665.720	665.048	K[20]
A[8]	300.211	628.025	622.685	623.022	622.350	A[19]
R[9]	352.245	604.346	599.007	599.343	598.671	R[18]
K[10]	399.615	552.313	546.973	547.309	546.637	K[17]
A[11]	423.294	504.942	499.603	499.939	499.267	A[16]
A[12]	448.973	481.263	475.923	476.260	475.588	A[15]
G[13]	465.591	457.564	452.245	452.581	451.909	G[14]
G[14]	484.988	438.577	433.238	433.574	432.902	G[13]
A[15]	508.667	419.570	414.231	414.566	413.895	A[12]
K[16]	551.365	395.891	390.551	390.887	390.216	K[11]
R[17]	603.899	353.193	347.853	348.189	347.517	R[10]
K[18]	646.097	301.159	295.819	296.155	295.484	K[9]
T[19]	679.780	258.461	253.121	253.457	252.785	T[8]
S[20]	708.790	224.778	219.439	219.775	219.103	S[7]
G[21]	727.797	195.767	190.428	190.764	190.092	G[6]
P[22]	769.148	176.760	171.421	171.757	171.085	P[5]
P[23]	792.499	184.405	179.070	179.406	178.734	P[4]
V[24]	825.522	112.058	106.719	107.055	106.383	V[3]
S[25]	854.533	79.836	74.496	74.832	74.360	S[2]
E[26]	897.547	50.025	44.685	45.021	44.349	E[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl}K ^{Methyl}VLRD
 14.02 14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl} K ^{Methyl} VLRD
14.02 14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=83.00
- ▶ F121511.dat
- ▶ query=q35505.p1
- ▶ precursor=637.133650
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA	
S	1	147.076	2545.502	2529.483	0.000	2528.470	S	24
G	2	234.998	2518.460	2492.441	0.000	2499.433	G	23
R	3	360.199	2399.439	2383.419	2364.427	2342.412	R	22
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G	21
K	5	545.315	2148.310	2130.297	2131.305	2129.289	K	20
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G	19
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G	18
K	8	707.453	1904.178	1888.159	1889.167	1887.151	K	17
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G	16
L	10	937.359	1719.961	1703.943	1704.950	1702.935	L	15
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G	14
K	12	1142.075	1548.950	1532.937	1533.945	1531.929	K	13
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G	12
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G	11
A	15	1327.755	1306.818	1290.799	1291.807	1289.791	A	10
K	16	1455.850	1235.781	1219.762	1220.770	1218.754	K	9
R	17	1613.894	1107.686	1091.667	1092.675	1090.659	R	8
H	18	1749.010	951.582	935.566	936.574	934.558	H	7
R	19	1919.127	814.520	798.507	799.515	797.499	R	6
K	20	2061.238	644.400	628.390	629.398	627.383	K	5
V	21	2100.306	502.290	486.280	487.287	485.272	V	4
L	22	2273.390	403.230	387.211	388.219	386.203	L	3
R	23	2420.491	290.140	274.127	275.135	273.119	R	2
D	24	2544.518	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl} K ^{Methyl} VLRD
 14.02 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=83.00
- ▶ F121511.dat
- ▶ query=q35505.p1
- ▶ precursor=637.133650
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.707	R[22]
G[4]	259.114	1102.172	1094.163	1093.667	1093.659	G[21]
K[5]	273.153	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	303.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.293	860.036	852.027	851.529	851.521	L[15]
G[11]	507.794	803.482	795.473	795.977	794.970	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	684.381	653.913	645.903	646.407	645.399	A[10]
R[16]	728.430	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.347	546.337	546.841	545.833	R[6]
H[18]	875.009	476.290	468.280	468.781	467.783	H[7]
R[19]	968.067	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	322.708	314.699	315.203	314.195	K[5]
V[21]	1080.669	254.653	246.643	247.147	246.140	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.703	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

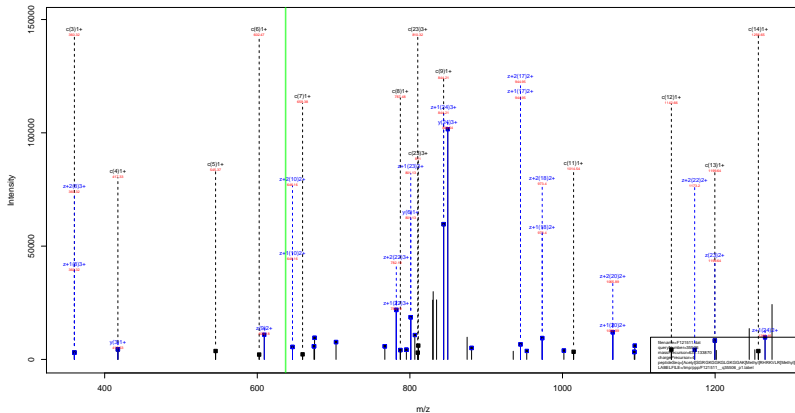
[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl}K ^{Methyl}VLRD
14.02 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=83.00
- ▶ F121511.dat
- ▶ query=q35505.p1
- ▶ precursor=637.133650
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.897	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.696	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	649.381	272.180	266.841	267.176	266.505	R[6]
K[20]	667.751	215.475	210.136	210.471	209.799	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK (Methyl)_(14.02) RHRKVLR (Methyl)_(14.02) D



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^(Methyl) RHRKVLRL^(Methyl) D^(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=81.34
- ▶ F121511.dat
- ▶ query=q35506.p1
- ▶ precursor=637.133870
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2545.502	2529.463	0.000	2528.478	S[24]
G	2	204.998	2416.460	2400.441	0.000	2399.433	G[23]
R	3	360.190	2389.430	2343.419	2344.427	2342.412	R[22]
G	4	417.220	2291.337	2187.318	2189.326	2188.310	G[21]
K	5	545.315	2148.310	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1775.083	1760.064	1761.072	1759.056	G[16]
L	10	837.559	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1429.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.755	1306.818	1290.799	1291.807	1289.791	A[10]
K	16	1469.868	1248.781	1219.762	1220.770	1218.754	K[9]
R	17	1625.987	1093.670	1077.651	1078.659	1076.644	R[8]
H	18	1763.026	937.559	921.550	922.558	920.542	H[7]
R	19	1919.127	800.510	784.491	785.499	783.484	R[6]
K	20	2047.222	644.409	628.390	629.398	627.383	K[5]
V	21	2146.290	518.314	500.295	501.303	499.287	V[4]
L	22	2250.374	417.246	401.227	402.235	400.219	L[3]
R	23	2420.491	304.163	288.144	289.151	287.135	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^(Methyl) RHRKVL R^(Methyl) D^(14.02) (14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=81.34
- ▶ F121511.dat
- ▶ query=q35506_p1
- ▶ precursor=637.133870
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1765.245	0.504	1304.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.003	1180.223	1372.213	1172.717	1171.209	R[22]
G[4]	209.114	1102.272	1094.163	1094.607	1093.659	G[21]
K[5]	273.163	1073.661	1065.652	1064.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	961.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	439.253	860.034	862.525	863.529	861.521	L[15]
G[11]	507.704	803.492	795.483	795.987	794.979	G[14]
R[12]	571.841	774.982	766.972	767.476	766.468	R[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.381	653.913	645.903	646.407	645.399	A[10]
R[16]	728.437	618.364	610.355	611.359	609.351	R[9]
R[17]	813.487	547.339	539.329	539.833	538.825	R[8]
H[18]	882.017	466.288	461.279	461.783	460.775	H[7]
R[19]	960.067	400.759	392.749	393.253	392.245	R[6]
R[20]	1024.115	322.708	314.699	315.203	314.195	R[5]
V[21]	1073.649	258.661	250.651	251.155	250.147	V[4]
L[22]	1130.191	209.126	201.117	201.621	200.613	L[3]
D[23]	1215.249	152.084	144.074	145.078	144.071	D[2]
D[24]	1272.703	87.526	89.517	90.021	89.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^(Methyl) RHRKVL R^(Methyl) D^(14.02)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=81.34
- ▶ F121511.dat
- ▶ query=q35506.p1
- ▶ precursor=637.133870
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	849.172	843.833	0.672	843.407	S[24]
G[2]	68.704	806.156	800.818	0.672	800.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.770	730.114	729.442	G[21]
K[5]	182.443	718.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	666.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.858	571.692	565.352	565.688	566.016	L[15]
G[11]	338.865	535.991	530.651	530.984	530.322	G[14]
K[12]	381.563	516.980	511.641	511.986	511.315	K[13]
G[13]	400.570	474.282	468.942	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	490.627	412.588	407.250	407.595	406.923	K[9]
R[17]	542.661	395.228	359.889	360.225	359.553	R[8]
H[18]	588.347	313.195	307.853	308.191	307.519	H[7]
R[19]	640.381	287.508	282.169	282.505	281.833	R[6]
K[20]	683.078	215.875	210.535	210.871	209.999	K[5]
V[21]	716.102	172.776	167.437	167.773	167.101	V[4]
L[22]	753.796	139.753	134.414	134.750	134.078	L[3]
R[23]	810.502	102.059	96.719	97.055	96.383	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.29
- ▶ F121511.dat
- ▶ query=q35615.p1
- ▶ precursor=640.636900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA	
S	1	147.076	2559.518	2543.499	0.000	2542.491	S	24
G	2	204.098	2630.470	2414.457	0.000	2413.449	G	23
R	3	300.190	2373.454	2357.435	2356.443	2356.427	R	22
G	4	417.220	2217.353	2201.334	2202.342	2200.325	G	21
K	5	545.315	2160.331	2144.313	2145.320	2143.305	K	20
G	6	602.337	2032.238	2016.218	2017.225	2015.210	G	19
G	7	659.358	1975.215	1959.196	1960.204	1958.188	G	18
K	8	787.453	1918.193	1902.175	1903.182	1901.167	K	17
G	9	844.475	1790.088	1774.068	1775.087	1773.072	G	16
L	10	897.559	1733.077	1717.058	1718.066	1716.050	L	15
G	11	1014.580	1615.983	1603.974	1604.982	1602.965	G	14
K	12	1142.675	1562.971	1546.953	1547.960	1545.945	K	13
G	13	1199.697	1434.876	1418.858	1419.866	1417.850	G	12
G	14	1256.718	1377.855	1361.836	1362.844	1360.828	G	11
A	15	1327.795	1320.833	1304.815	1305.823	1303.807	A	10
K	16	1455.850	1249.780	1233.778	1234.785	1232.770	K	9
R	17	1613.894	1129.701	1105.683	1106.691	1104.675	R	8
H	18	1749.010	995.620	949.582	950.589	948.574	H	7
R	19	1905.111	828.541	812.523	813.530	811.515	R	6
K	20	2033.206	672.440	656.422	657.429	655.414	K	5
V	21	2132.275	544.345	528.327	529.334	527.319	V	4
L	22	2245.359	445.277	429.258	430.266	428.250	L	3
R	23	2443.507	332.193	316.174	317.182	315.166	R	2
D	24	2558.534	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.29
- ▶ F121511.dat
- ▶ query=q35615.p1
- ▶ precursor=640.636900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.049	1280.263	1272.253	0.504	1271.749	S[24]
G	2	102.553	1215.741	1207.732	0.504	1207.228	G[23]
R	3	180.053	1187.231	1179.221	1179.725	1178.717	R[22]
G	4	269.118	1109.189	1101.171	1101.675	1100.667	G[21]
K	5	273.151	1080.689	1072.660	1073.164	1072.156	K[20]
G	6	301.879	1016.622	1008.612	1009.116	1008.108	G[19]
G	7	330.183	988.111	980.100	980.606	979.596	G[18]
K	8	394.230	959.600	951.591	952.095	951.087	K[17]
G	9	422.741	895.553	887.543	888.047	887.040	G[16]
L	10	479.263	897.062	859.033	859.537	858.529	L[15]
G	11	507.794	810.500	802.491	802.995	801.987	G[14]
K	12	571.841	781.989	773.980	774.484	773.476	K[13]
G	13	600.352	717.942	709.932	710.436	709.429	G[12]
G	14	628.863	689.431	681.422	681.926	680.918	G[11]
A	15	668.382	660.920	652.911	653.415	652.407	A[10]
K	16	728.429	626.868	617.860	618.364	617.356	K[9]
R	17	806.479	561.354	553.345	553.849	552.841	R[8]
H	18	875.009	483.304	475.294	475.798	474.791	H[7]
R	19	953.059	414.776	406.766	407.269	406.261	R[6]
K	20	1017.107	336.724	328.714	329.218	328.211	K[5]
V	21	1066.641	272.676	264.667	265.171	264.163	V[4]
L	22	1123.183	219.142	211.131	211.637	210.629	L[3]
R	23	1222.259	166.600	158.591	159.095	158.087	R[2]
D	24	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

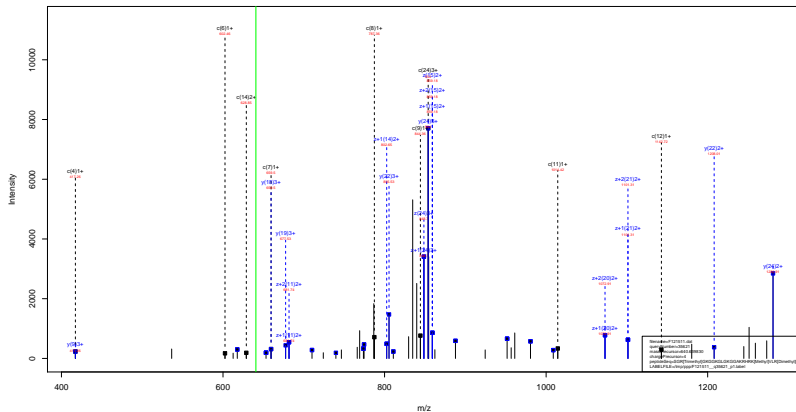
[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.29
- ▶ F121511.dat
- ▶ query=q35615.p1
- ▶ precursor=640.636900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.169	S[24]
G[2]	68.704	810.830	805.490	0.672	805.154	G[23]
R[3]	120.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	578.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.669	535.330	535.666	534.994	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	635.769	276.852	271.512	271.848	271.176	R[6]
K[20]	678.467	224.818	219.478	219.815	219.143	K[5]
V[21]	711.438	182.120	176.780	177.116	176.444	V[4]
L[22]	749.124	149.097	143.758	144.094	143.422	L[3]
R[23]	815.174	111.402	106.063	106.399	105.727	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHRK^(Methyl)_(14.02) VLR^(Dimethyl)_(28.03) D



sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHRK^(Methyl)_(14.02) VLR^(Dimethyl)_(28.03) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.66
- ▶ F121511.dat
- ▶ query=q35621.p1
- ▶ precursor=640.639830
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	105.066	2599.554	2543.536	0.000	2542.528	S ₂₄
G	162.087	2472.522	2456.503	0.000	2455.496	G ₂₃
R	209.276	2415.501	2399.482	2402.460	2398.474	R ₂₂
G	417.257	2217.351	2201.334	2202.342	2200.326	G ₂₁
K	545.352	2160.331	2144.313	2145.320	2143.305	K ₂₀
G	602.373	2032.236	2016.218	2017.225	2015.210	G ₁₉
G	659.395	1975.215	1959.196	1960.204	1958.188	G ₁₈
K	787.490	1918.193	1902.175	1903.182	1901.167	K ₁₇
G	844.511	1790.088	1774.080	1775.087	1773.072	G ₁₆
L	877.595	1733.077	1717.059	1718.066	1716.050	L ₁₅
G	1014.617	1610.991	1603.974	1604.982	1602.966	G ₁₄
K	1142.712	1562.971	1546.953	1547.960	1545.945	K ₁₃
G	1199.733	1434.876	1418.858	1419.866	1417.850	G ₁₂
G	1296.755	1377.855	1361.836	1362.844	1360.828	G ₁₁
A	1327.792	1320.833	1304.815	1305.823	1303.807	A ₁₀
K	1455.887	1249.796	1233.778	1234.785	1232.770	K ₉
R	1611.988	1121.703	1105.683	1106.691	1104.675	R ₈
H	1749.047	995.600	989.582	990.589	988.574	H ₇
R	1905.148	828.541	812.523	813.530	811.515	R ₆
K	2047.258	672.440	656.422	657.429	655.414	K ₅
V	2146.327	530.330	514.311	515.319	513.303	V ₄
L	2259.411	431.261	415.243	416.250	414.235	L ₃
R	2443.543	318.177	302.158	303.166	301.151	R ₂
D	2558.570	134.045	118.028	119.034	117.018	D ₁

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHRK^(Methyl)_(14.02) VLR^(Dimethyl)_(28.03) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.66
- ▶ F121511.dat
- ▶ query=q35621_p1
- ▶ precursor=640.639830
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	53.039	1280.281	1272.271	0.504	1271.767	S[24]
G[2]	81.547	1236.765	1228.750	0.504	1228.251	G[23]
R[3]	180.621	1208.254	1200.243	1200.748	1199.741	R[22]
G[4]	269.132	1109.180	1101.171	1101.675	1100.667	G[21]
K[5]	271.180	1089.669	1072.660	1073.164	1072.156	K[20]
G[6]	301.690	1016.622	1008.612	1009.116	1008.108	G[19]
G[7]	330.201	988.111	980.102	980.606	979.598	G[18]
K[8]	394.248	959.600	951.591	952.095	951.087	K[17]
G[9]	422.756	895.553	887.543	888.047	887.040	G[16]
L[10]	479.303	817.042	809.033	809.537	808.529	L[15]
G[11]	507.813	810.500	802.491	802.995	801.987	G[14]
K[12]	571.859	761.989	773.980	774.484	773.476	K[13]
G[13]	600.370	717.942	709.932	710.436	709.429	G[12]
G[14]	628.881	689.431	681.422	681.926	680.918	G[11]
A[15]	664.395	660.920	652.911	653.415	652.407	A[10]
R[16]	728.447	625.402	617.392	617.896	616.889	R[9]
R[17]	806.498	561.354	553.345	553.849	552.841	R[8]
H[18]	875.029	483.304	475.294	475.798	474.791	H[7]
R[19]	953.078	414.774	406.765	407.269	406.261	R[6]
K[20]	1024.133	336.724	328.714	329.218	328.211	K[5]
V[21]	1073.667	265.668	257.658	258.163	257.155	V[4]
L[22]	1130.209	216.134	208.125	208.629	207.621	L[3]
R[23]	1222.275	159.592	151.583	152.087	151.079	R[2]
D[24]	1279.789	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

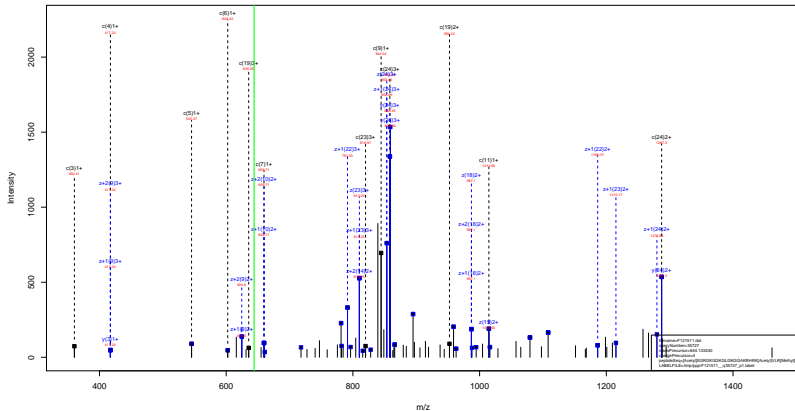
SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHRK^(Methyl)_(14.02) VLR^(Dimethyl)_(28.03) D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=68.66
- ▶ F121511.dat
- ▶ query=q35621.p1
- ▶ precursor=640.639830
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	853.856	848.517	0.672	848.181	S[24]
G[2]	54.701	824.848	819.506	0.672	819.170	G[23]
R[3]	120.750	805.838	800.499	800.815	800.163	R[22]
G[4]	139.757	739.789	734.450	734.765	734.114	G[21]
K[5]	182.455	720.782	715.442	715.778	715.106	K[20]
G[6]	201.463	678.084	672.744	673.080	672.408	G[19]
G[7]	220.470	659.076	653.737	654.073	653.401	G[18]
K[8]	263.188	640.069	634.730	635.066	634.394	K[17]
G[9]	282.175	597.371	592.031	592.367	591.695	G[16]
L[10]	319.870	578.364	573.024	573.360	572.688	L[15]
G[11]	338.877	540.059	535.330	535.666	534.994	G[14]
K[12]	381.575	521.052	516.322	516.658	515.986	K[13]
G[13]	400.583	478.964	473.624	473.960	473.288	G[12]
G[14]	419.590	459.957	454.617	454.953	454.281	G[11]
A[15]	443.269	440.949	435.610	435.946	435.274	A[10]
K[16]	485.967	417.270	411.931	412.267	411.595	K[9]
R[17]	538.001	374.572	369.232	369.568	368.896	R[8]
H[18]	583.687	322.538	317.199	317.535	316.863	H[7]
R[19]	635.721	276.852	271.512	271.848	271.176	R[6]
K[20]	683.091	234.818	219.479	219.815	219.143	K[5]
Y[21]	738.314	177.848	172.189	172.844	171.773	Y[4]
L[22]	753.808	144.425	139.086	139.422	138.750	L[3]
R[23]	815.186	106.731	101.391	101.727	101.055	R[2]
D[24]	853.528	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Acetyl}42.01 ^{VLR} ^{Methyl}14.02 ^D



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Acetyl}42.01 VLR ^{Methyl}14.02 D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.39
- ▶ F121511.dat
- ▶ query=q35727.p1
- ▶ precursor=644.133240
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2573.497	2557.478	0.000	2556.471	S[24]
G	2	224.998	2444.455	2428.436	0.000	2427.428	G[23]
R	3	360.199	2387.431	2371.414	2372.422	2370.407	R[22]
G	4	417.220	2231.332	2215.313	2216.321	2214.305	G[21]
K	5	545.315	2174.310	2158.292	2159.300	2157.284	K[20]
G	6	602.337	2046.216	2030.197	2031.205	2029.189	G[19]
G	7	659.358	1989.194	1973.175	1974.183	1972.168	G[18]
K	8	787.453	1932.173	1916.154	1917.162	1915.146	K[17]
G	9	844.475	1804.078	1788.059	1789.067	1787.051	G[16]
L	10	877.559	1747.956	1731.937	1732.945	1730.930	L[15]
G	11	1014.580	1633.972	1617.953	1618.961	1616.946	G[14]
K	12	1142.675	1576.951	1560.932	1561.940	1559.924	K[13]
G	13	1199.697	1448.956	1432.937	1433.945	1431.929	G[12]
G	14	1256.718	1391.934	1375.916	1376.923	1374.908	G[11]
A	15	1327.795	1334.913	1318.894	1319.902	1317.886	A[10]
K	16	1435.850	1263.776	1247.757	1248.765	1246.749	K[9]
R	17	1611.954	1139.581	1123.562	1123.570	1121.554	R[8]
H	18	1749.030	979.582	963.561	964.569	962.553	H[7]
R	19	1905.111	842.521	826.502	827.510	825.494	R[6]
K	20	2075.217	686.420	670.401	671.409	669.393	K[5]
V	21	2174.285	516.314	500.295	501.303	499.287	V[4]
L	22	2287.369	417.246	401.227	402.235	400.219	L[3]
R	23	2457.486	304.162	288.143	289.151	287.135	R[2]
D	24	2572.513	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Acetyl}VLR^{Methyl}D
42.01 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.39
- ▶ F121511.dat
- ▶ query=q35727_p1
- ▶ precursor=644.133240
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1287.252	1279.243	0.504	1278.739	S[24]
G[2]	102.553	1222.731	1214.722	0.504	1214.218	G[23]
K[3]	180.603	1194.220	1186.211	1186.715	1185.707	K[22]
G[4]	259.114	1158.710	1108.100	1108.654	1107.555	G[21]
K[5]	273.153	1087.659	1079.650	1080.153	1079.146	K[20]
G[6]	301.672	1023.611	1015.602	1016.106	1015.098	G[19]
G[7]	330.183	995.101	987.091	987.595	986.587	G[18]
K[8]	394.230	956.590	958.581	959.084	958.077	K[17]
G[9]	422.741	902.542	894.533	895.037	894.030	G[16]
L[10]	479.293	874.032	866.022	866.526	865.518	L[15]
G[11]	507.794	817.490	809.480	809.984	808.970	G[14]
K[12]	571.841	788.979	780.970	781.474	780.460	K[13]
G[13]	600.352	724.931	716.922	717.426	716.418	G[12]
G[14]	628.863	696.421	688.411	688.915	687.907	G[11]
A[15]	684.381	667.910	659.901	660.405	659.397	A[10]
R[16]	728.439	632.391	624.382	624.886	623.877	R[9]
R[17]	806.479	568.344	560.335	560.839	559.831	R[8]
H[18]	875.009	490.293	482.284	482.788	481.780	H[7]
R[19]	953.059	421.764	413.755	414.259	413.251	R[6]
K[20]	1038.112	343.717	335.708	336.208	335.200	K[5]
V[21]	1097.666	258.661	250.651	251.155	250.147	V[4]
L[22]	1144.188	209.126	201.117	201.621	200.613	L[3]
R[23]	1236.247	152.584	144.575	145.079	144.071	R[2]
D[24]	1286.760	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Acetyl} VLR^{Methyl} D^D
42.01 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=66.39
- ▶ F121511.dat
- ▶ query=q35727.p1
- ▶ precursor=644.133240
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	858.504	853.164	0.672	852.828	S[24]
G[2]	58.704	815.490	810.150	0.672	809.814	G[23]
R[3]	150.738	796.483	791.143	791.479	790.807	R[22]
G[4]	139.745	744.449	739.109	739.445	738.773	G[21]
K[5]	182.443	725.442	720.102	720.438	719.766	K[20]
G[6]	201.450	682.743	677.404	677.740	677.068	G[19]
G[7]	220.458	663.736	658.397	658.733	658.061	G[18]
K[8]	263.156	644.729	639.389	639.725	639.054	K[17]
G[9]	282.163	602.031	596.691	597.027	596.355	G[16]
L[10]	319.958	583.024	577.684	578.020	577.348	L[15]
G[11]	338.965	545.329	539.989	540.325	539.653	G[14]
K[12]	381.563	526.322	520.982	521.318	520.646	K[13]
G[13]	400.570	483.623	478.284	478.620	477.948	G[12]
G[14]	419.578	464.616	459.277	459.613	458.941	G[11]
A[15]	443.257	445.609	440.270	440.605	439.934	A[10]
K[16]	485.955	421.930	416.590	416.926	416.255	K[9]
R[17]	537.989	379.232	373.892	374.228	373.556	R[8]
H[18]	583.675	327.198	321.858	322.194	321.522	H[7]
R[19]	635.709	281.512	276.172	276.508	275.836	R[6]
K[20]	692.410	229.476	224.136	224.474	223.803	K[5]
V[21]	725.433	172.776	167.437	167.773	167.101	V[4]
L[22]	763.128	139.753	134.414	134.750	134.078	L[3]
R[23]	819.834	102.059	96.719	97.055	96.383	R[2]
D[24]	858.176	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=87.57
- ▶ F121511.dat
- ▶ query=q35912.p1
- ▶ precursor=518.309850
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2587.513	2571.494	0.000	2570.480	S[24]
G	2	224.298	2498.470	2442.451	0.000	2441.444	G[23]
T	3	306.199	2421.449	2393.430	2389.438	2384.422	T[22]
G	4	417.220	2245.148	2229.329	2230.337	2228.321	G[21]
K	5	545.115	2188.326	2172.307	2173.315	2171.308	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	957.559	1761.072	1745.053	1746.061	1744.045	L[15]
G	11	1014.580	1647.988	1631.969	1632.977	1630.961	G[14]
K	12	1142.675	1590.969	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.795	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1407.853	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1653.982	1197.668	1191.667	1192.675	1190.659	R[8]
H	18	1791.021	951.588	935.566	936.574	934.558	H[7]
R	19	1947.122	814.528	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2315.401	403.220	387.211	388.218	386.203	L[3]
L	23	2413.582	280.149	274.127	275.135	273.119	L[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=87.57
- ▶ F121511.dat
- ▶ query=q35912.p1
- ▶ precursor=518.309850
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1204.260	1286.251	0.904	1285.747	S[24]
G[2]	102.563	1220.739	1221.729	0.904	1221.225	G[23]
R[3]	180.603	1280.238	1193.219	1193.723	1192.715	R[22]
G[4]	209.114	1323.177	1115.168	1115.672	1114.664	G[21]
K[5]	273.161	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.108	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	422.741	908.560	901.541	902.045	901.037	G[16]
L[10]	479.283	883.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.495	816.486	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.918	666.908	667.412	666.405	A[10]
R[16]	749.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.290	468.287	468.791	467.783	H[7]
R[19]	974.065	407.707	399.757	400.261	399.253	R[6]
K[20]	1052.128	329.716	321.707	322.211	321.203	K[5]
V[21]	1101.662	251.653	243.643	244.147	243.140	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=87.57
- ▶ F121511.dat
- ▶ query=q35912.p1
- ▶ precursor=518.309850
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	58.704	320.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	130.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	837.595	582.356	582.692	582.020	L[15]
G[11]	338.865	150.001	544.661	544.997	544.525	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.140	214.801	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=87.57
- ▶ F121511.dat
- ▶ query=q35912.p1
- ▶ precursor=518.309850
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.755	643.177	S[24]
G[2]	51.780	615.373	611.368	0.755	611.116	G[23]
R[3]	90.805	601.118	597.113	597.365	596.861	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	456.279	452.274	453.526	453.022	G[16]
L[10]	280.148	441.023	437.019	437.271	436.767	L[15]
G[11]	254.403	417.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	366.473	362.469	362.721	362.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	277.877	273.672	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	497.536	204.397	200.392	200.644	200.140	R[6]
K[20]	526.568	185.362	181.357	181.609	181.105	K[5]
V[21]	551.335	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=83.22
- ▶ F121511.dat
- ▶ query=q35915.p1
- ▶ precursor=647.636900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2587.513	2571.494	0.000	2570.486	S	24
G	2	224.998	2558.470	2442.451	0.000	2441.444	G	23
R	3	360.199	2601.440	2385.430	2386.438	2384.422	R	22
G	4	417.220	2245.348	2229.330	2230.337	2228.321	G	21
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K	20
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G	19
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G	18
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K	17
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G	16
L	10	957.359	1761.072	1745.053	1746.061	1744.045	L	15
G	11	1014.580	1647.985	1631.966	1632.977	1630.961	G	14
K	12	1142.675	1590.960	1574.948	1575.955	1573.940	K	13
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G	12
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G	11
A	15	1327.795	1348.828	1332.810	1333.818	1331.802	A	10
K	16	1407.881	1277.791	1261.773	1262.780	1260.765	K	9
R	17	1653.884	1159.686	1097.667	1092.678	1090.663	R	8
H	18	1791.021	951.585	935.566	936.574	934.558	H	7
R	19	1947.122	814.526	798.507	799.515	797.499	R	6
K	20	2103.248	658.425	642.406	643.414	641.398	K	5
V	21	2202.317	502.298	486.280	487.287	485.272	V	4
L	22	2315.401	403.230	387.211	388.219	386.203	L	3
R	23	2471.502	290.146	274.127	275.135	273.119	R	2
D	24	2588.529	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=83.22
- ▶ F121511.dat
- ▶ query=q35915.p1
- ▶ precursor=647.636900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1294.260	1286.261	0.504	1289.747	S[24]
G	2	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R	3	180.603	1201.228	1193.219	1193.723	1192.712	R[22]
G	4	259.114	1123.177	1115.168	1115.672	1114.564	G[21]
K	5	273.153	1094.567	1086.557	1087.161	1085.151	K[20]
G	6	303.672	1030.619	1022.610	1023.114	1022.100	G[19]
G	7	330.183	1002.108	994.099	994.603	993.595	G[18]
K	8	394.230	973.599	965.588	966.092	965.084	K[17]
G	9	422.741	959.550	901.541	902.045	901.037	G[16]
L	10	479.293	893.040	883.033	883.534	882.526	L[15]
G	11	507.794	824.498	816.488	816.992	815.984	G[14]
K	12	571.841	795.987	787.977	788.481	787.474	K[13]
G	13	600.352	731.939	723.930	724.434	723.426	G[12]
G	14	628.863	703.429	695.419	695.923	694.915	G[11]
A	15	684.381	674.919	565.908	657.312	565.305	A[10]
R	16	749.434	639.399	631.390	631.894	630.886	R[9]
R	17	827.485	554.347	546.337	546.841	545.833	R[8]
H	18	896.014	476.290	468.280	468.781	467.783	H[7]
R	19	974.065	407.767	399.757	400.261	399.253	R[6]
K	20	1052.126	329.716	321.707	322.211	321.203	K[5]
V	21	1101.662	252.663	244.653	244.157	243.149	V[4]
L	22	1158.204	202.119	194.109	194.613	193.605	L[3]
R	23	1236.255	145.577	137.567	138.071	137.063	R[2]
D	24	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

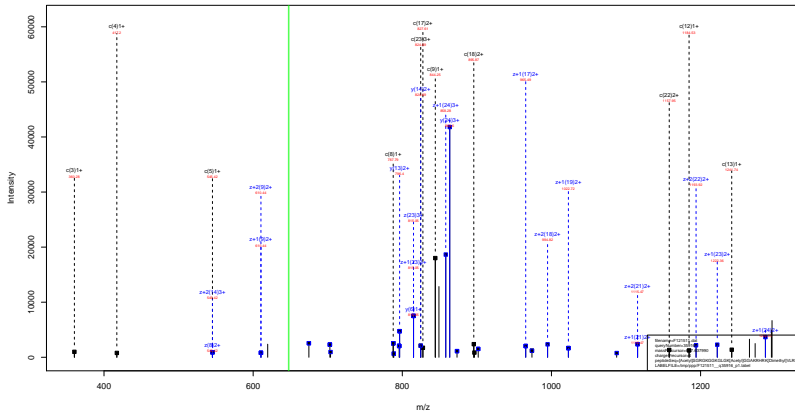
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=83.22
- ▶ F121511.dat
- ▶ query=q35915.p1
- ▶ precursor=647.636900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	58.704	320.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.793	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.356	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.146	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl} 42.01 GGAKRHRK ^{Dimethyl} 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}42.01 GGAKRHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=101.58
- ▶ F121511.dat
- ▶ query=q35916.p1
- ▶ precursor=647.637990
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	11	147.076	2587.513	2571.494	0.000	2570.486	S	24
G	2	234.998	2458.470	2442.451	0.000	2441.444	G	23
R	3	360.199	2401.440	2385.430	2369.438	2384.422	R	22
G	4	417.220	2245.348	2229.339	2213.337	2228.321	G	21
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K	20
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G	19
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G	18
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K	17
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G	16
L	10	857.359	1761.072	1745.053	1746.061	1744.045	L	15
G	11	1014.580	1647.982	1631.960	1632.977	1630.963	G	14
K	12	1184.686	1590.960	1574.948	1575.955	1573.940	K	13
G	13	1241.707	1420.861	1404.842	1405.850	1403.834	G	12
G	14	1298.729	1363.839	1347.821	1348.828	1346.813	G	11
A	15	1369.760	1306.818	1290.799	1291.807	1289.791	A	10
K	16	1497.881	1235.781	1219.762	1220.770	1218.754	K	9
R	17	1633.894	1197.686	1181.667	1182.675	1180.659	R	8
H	18	1791.021	951.582	935.566	936.574	934.558	H	7
R	19	1947.122	814.526	798.507	799.515	797.499	R	6
K	20	2103.248	658.425	642.406	643.414	641.398	K	5
V	21	2202.317	502.298	486.280	487.287	485.272	V	4
L	22	2315.401	403.230	387.211	388.219	386.203	L	3
R	23	2471.502	290.146	274.127	275.135	273.119	R	2
D	24	2588.529	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=101.58
- ▶ F121511.dat
- ▶ query=q35916.p1
- ▶ precursor=647.637990
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.200	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1201.238	1193.219	1193.723	1192.715	R[22]
G[4]	269.114	1173.177	1115.168	1115.672	1114.666	G[21]
K[5]	273.161	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	891.040	873.030	873.534	872.526	L[15]
Q[11]	507.794	824.598	816.488	816.992	815.984	Q[14]
K[12]	592.847	795.987	787.977	788.481	787.474	K[13]
G[13]	621.357	710.934	702.925	703.429	702.421	G[12]
G[14]	649.868	682.423	674.414	674.918	673.910	G[11]
A[15]	665.367	653.913	645.803	646.307	645.299	A[10]
R[16]	789.434	618.904	610.895	610.889	609.881	R[9]
R[17]	827.485	554.147	546.137	546.641	545.833	R[8]
H[18]	896.014	476.296	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.126	329.716	321.707	322.211	321.203	K[5]
V[21]	1107.669	251.693	243.683	244.187	243.180	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} 42.01 GGAKRHRK^{Dimethyl} 28.03 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=101.58
- ▶ F121511.dat
- ▶ query=q35916.p1
- ▶ precursor=647.637990
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.900	S[24]
G[2]	58.704	820.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.355	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	474.292	468.952	469.288	468.616	G[12]
G[14]	433.581	455.285	449.945	450.281	449.609	G[11]
A[15]	457.260	436.277	430.938	431.274	430.602	A[10]
K[16]	499.958	412.998	407.259	407.595	406.923	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.941	267.176	266.505	R[6]
K[20]	701.754	220.146	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHR^{Dimethyl}28.03 K^{Methyl}14.02 VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.26
- ▶ F121511.dat
- ▶ query=q36030.p1
- ▶ precursor=521.114360
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2601.528	2585.510	0.000	2584.502	S	24
G	2	224.998	2372.488	2456.487	0.000	2455.493	G	23
R	3	360.199	2415.464	2399.446	2400.453	2398.438	R	22
G	4	417.220	2259.363	2243.345	2244.352	2242.337	G	21
K	5	545.315	2202.342	2186.323	2187.331	2185.315	K	20
G	6	602.337	2074.247	2058.228	2059.236	2057.220	G	19
G	7	659.358	2017.225	2001.207	2002.214	2000.199	G	18
K	8	787.453	1960.204	1944.185	1945.193	1943.177	K	17
G	9	844.475	1832.109	1816.090	1817.098	1815.082	G	16
L	10	957.559	1779.087	1759.069	1760.077	1758.061	L	15
G	11	1014.580	1662.083	1645.965	1646.993	1644.977	G	14
K	12	1142.075	1604.982	1588.963	1589.971	1587.955	K	13
G	13	1199.697	1476.887	1460.868	1461.876	1459.860	G	12
G	14	1256.718	1419.886	1403.847	1404.855	1402.839	G	11
A	15	1327.795	1362.844	1346.825	1347.833	1345.818	A	10
K	16	1407.881	1291.807	1275.788	1276.796	1274.780	K	9
R	17	1673.864	1121.701	1105.683	1106.691	1104.675	R	8
H	18	1791.021	995.020	949.582	950.589	948.574	H	7
R	19	1975.153	828.541	812.523	813.530	811.515	R	6
K	20	2117.264	644.409	628.390	629.398	627.383	K	5
V	21	2216.332	502.298	486.280	487.287	485.272	V	4
L	22	2329.416	403.230	387.211	388.219	386.203	L	3
R	23	2485.517	290.146	274.127	275.135	273.119	R	2
D	24	2690.544	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Dimethyl} K^{Methyl} VLDR^{14.02}
 42.01 28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.26
- ▶ F121511.dat
- ▶ query=q36030_p1
- ▶ precursor=521.114360
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1301.268	1293.259	0.504	1292.755	S[24]
G[2]	102.553	1236.747	1228.737	0.504	1228.233	G[23]
R[3]	180.603	1208.236	1200.226	1200.730	1199.723	R[22]
G[4]	269.114	1139.885	1122.129	1122.680	1121.677	G[21]
K[5]	273.163	1101.675	1093.665	1094.169	1093.165	K[20]
G[6]	351.672	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	330.183	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	394.230	980.605	972.596	973.100	972.092	K[17]
G[9]	427.741	916.538	908.549	909.053	908.045	G[16]
L[10]	479.283	838.047	830.038	830.542	829.534	L[15]
G[11]	507.794	831.505	823.496	824.000	822.992	G[14]
K[12]	571.841	802.995	794.985	795.489	794.481	K[13]
G[13]	600.352	738.947	730.938	731.442	730.434	G[12]
G[14]	628.863	710.436	702.427	702.931	701.923	G[11]
A[15]	664.381	681.926	673.916	674.420	673.412	A[10]
R[16]	749.434	646.409	638.399	638.902	637.894	R[9]
R[17]	827.485	561.354	553.345	553.849	552.841	R[8]
H[18]	896.014	483.304	475.294	475.798	474.791	H[7]
R[19]	968.080	414.774	406.765	407.269	406.261	R[6]
K[20]	1059.136	322.708	314.699	315.203	314.195	K[5]
V[21]	1188.670	251.652	243.643	244.147	243.140	V[4]
L[22]	1319.512	202.119	194.109	194.613	193.605	L[3]
R[23]	1243.262	145.577	137.567	138.071	137.063	R[2]
D[24]	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Dimethyl} K^{Methyl} VLRLD^{14.02}
 42.01 28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.26
- ▶ F121511.dat
- ▶ query=q36030.p1
- ▶ precursor=521.114360
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	867.848	862.508	0.672	862.172	S[24]
G[2]	58.704	324.833	819.494	0.672	819.158	G[23]
R[3]	150.738	805.826	800.487	800.823	800.151	R[22]
G[4]	139.745	753.793	748.453	748.789	748.117	G[21]
K[5]	182.443	734.785	729.446	729.782	729.110	K[20]
G[6]	201.450	692.087	686.748	687.083	686.412	G[19]
G[7]	220.458	673.080	667.740	668.076	667.404	G[18]
K[8]	263.156	654.073	648.733	649.069	648.399	K[17]
G[9]	282.163	611.374	606.035	606.371	605.699	G[16]
L[10]	319.858	602.367	587.028	587.364	586.692	L[15]
G[11]	338.865	554.673	549.333	549.669	548.997	G[14]
K[12]	381.563	535.666	530.326	530.662	529.990	K[13]
G[13]	400.570	492.967	487.628	487.964	487.292	G[12]
G[14]	419.578	473.960	468.620	468.956	468.285	G[11]
A[15]	443.257	454.953	449.613	449.949	449.277	A[10]
K[16]	469.958	431.274	425.934	426.270	425.598	K[9]
R[17]	551.992	374.572	369.232	369.568	368.896	R[8]
H[18]	597.878	322.538	317.198	317.535	316.863	H[7]
R[19]	659.056	276.852	271.512	271.848	271.176	R[6]
K[20]	706.426	215.475	210.135	210.471	209.799	K[5]
V[21]	738.449	168.104	162.764	163.101	162.429	V[4]
L[22]	777.144	135.082	129.742	130.078	129.406	L[3]
R[23]	829.177	97.387	92.047	92.383	91.711	R[2]
D[24]	867.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

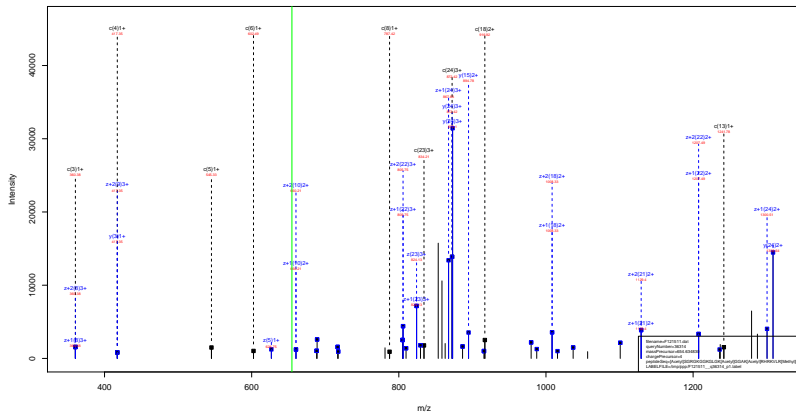
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Dimethyl} K^{Methyl} VLRLD^{14.02}
 42.01 28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=71.26
- ▶ F121511.dat
- ▶ query=q36030.p1
- ▶ precursor=521.114360
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	651.130	647.133	0.755	646.081	S[24]
G[2]	51.780	618.077	614.072	0.755	614.620	G[23]
R[3]	90.805	604.622	600.617	600.869	600.365	R[22]
G[4]	105.061	595.596	561.592	561.844	561.340	G[21]
K[5]	137.084	551.341	547.336	547.588	547.084	K[20]
G[6]	151.340	519.317	515.312	515.564	515.061	G[19]
G[7]	165.595	505.062	501.057	501.309	500.805	G[18]
K[8]	197.619	490.806	486.802	487.054	486.550	K[17]
G[9]	211.874	456.783	455.778	455.030	454.526	G[16]
L[10]	300.148	444.527	440.523	440.775	440.271	L[15]
G[11]	354.403	416.256	412.252	412.504	412.000	G[14]
K[12]	286.424	402.001	397.996	398.248	397.744	K[13]
G[13]	300.680	369.977	365.973	366.224	365.721	G[12]
G[14]	314.935	355.722	351.717	351.969	351.465	G[11]
A[15]	332.694	341.466	337.462	337.714	337.210	A[10]
K[16]	375.221	323.707	319.703	319.954	319.451	K[9]
R[17]	414.246	301.181	277.176	277.428	276.924	R[8]
H[18]	448.511	282.156	238.151	238.403	237.899	H[7]
R[19]	494.544	207.891	203.886	204.138	203.634	R[6]
K[20]	530.071	161.858	157.853	158.105	157.601	K[5]
V[21]	554.839	126.330	122.325	122.577	122.073	V[4]
L[22]	583.110	101.563	97.558	97.810	97.306	L[3]
R[23]	622.135	73.292	69.287	69.539	69.035	R[2]
D[24]	650.892	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl} 42.01 GGAK ^{Acetyl} 42.01 RHRKVL R ^(Methyl) 14.02 D



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK_{42.01} GGAK_{42.01} RHRKVL_R (Methyl)_D (14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=70.19
- ▶ F121511.dat
- ▶ query=q36314.p1
- ▶ precursor=654.634830
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	147.070	2015.508	2399.489	0.000	2598.481	S[24]
G	204.998	2498.465	2470.446	0.000	2469.439	G[23]
R	300.190	2929.443	2413.425	2414.433	2412.417	R[22]
G	417.220	2273.341	2257.334	2258.332	2256.316	G[21]
K	545.315	2216.321	2200.302	2201.301	2199.293	K[20]
G	602.337	2088.226	2072.207	2073.215	2071.200	G[19]
G	609.358	2031.205	2016.186	2016.194	2014.178	G[18]
K	787.453	1974.183	1958.164	1959.172	1957.157	K[17]
G	844.475	1846.068	1830.050	1831.077	1829.062	G[16]
L	897.359	1799.947	1773.928	1774.936	1772.940	L[15]
G	1014.580	1675.961	1659.944	1660.972	1658.956	G[14]
K	1184.686	1618.961	1602.942	1603.950	1601.935	K[13]
G	1241.707	1448.856	1432.837	1433.845	1431.829	G[12]
G	1298.729	1391.834	1375.816	1376.823	1374.808	G[11]
A	1369.766	1334.813	1318.794	1319.802	1317.786	A[10]
K	1539.871	1263.776	1247.757	1248.765	1246.749	K[9]
R	1695.972	1193.670	1177.651	1178.659	1176.644	R[8]
H	1833.931	937.560	921.539	922.538	920.542	H[7]
R	1989.133	800.510	784.491	785.490	783.484	R[6]
K	2117.227	644.409	628.390	629.398	627.382	K[5]
V	2216.296	516.314	500.295	501.303	499.287	V[4]
L	2329.380	417.246	401.227	402.235	400.219	L[3]
R	2499.497	304.162	288.143	289.151	287.135	R[2]
D	2614.524	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRKVL^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=70.19
- ▶ F121511.dat
- ▶ query=q36314_p1
- ▶ precursor=654.634830
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1308.257	1300.248	0.504	1209.744	S[24]
G	2	102.553	1243.730	1235.727	0.504	1235.223	G[23]
R	3	180.003	1215.225	1207.216	1207.720	1206.712	R[22]
G	4	209.114	1137.375	1129.105	1129.669	1128.662	G[21]
K	5	275.101	1108.664	1100.655	1101.159	1100.151	K[20]
G	6	301.672	1044.617	1036.607	1037.111	1036.103	G[19]
G	7	330.183	1016.106	1008.097	1008.601	1007.593	G[18]
K	8	394.220	987.595	979.586	980.090	979.082	K[17]
G	9	422.741	923.549	915.538	916.042	915.034	G[16]
L	10	479.283	895.037	887.028	887.532	886.525	L[15]
G	11	507.794	838.495	830.486	830.990	829.982	G[14]
R	12	592.847	809.984	801.975	802.479	801.471	R[13]
G	13	621.357	754.931	716.922	717.426	716.418	G[12]
G	14	649.868	696.421	688.411	688.915	687.907	G[11]
A	15	685.387	667.910	659.901	660.405	659.397	A[10]
R	16	770.439	632.391	624.382	624.886	623.876	R[9]
R	17	848.490	547.339	539.329	539.833	538.825	R[8]
H	18	917.019	469.288	461.279	461.783	460.775	H[7]
R	19	995.070	400.759	392.749	393.253	392.245	R[6]
R	20	1059.117	322.708	314.699	315.203	314.195	R[5]
V	21	1108.652	258.661	250.651	251.155	250.147	V[4]
L	22	1165.194	206.126	201.117	201.621	200.613	L[3]
D	23	1250.252	152.584	144.575	145.079	144.071	D[2]
D	24	1307.765	87.525	89.517	89.021	89.013	D[1]

sp | P62806 | H4_MOUSE

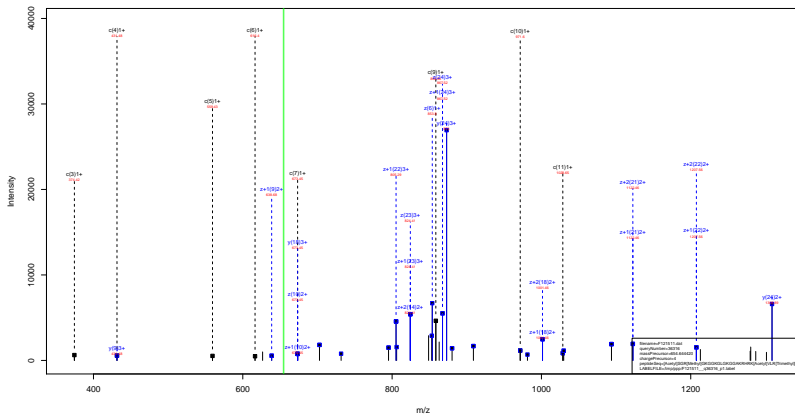
[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 GGAK ^{Acetyl}42.01 RHRKVLK ^(Methyl)(14.02) D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=70.19
- ▶ F121511.dat
- ▶ query=q36314.p1
- ▶ precursor=654.634830
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	872.507	867.168	0.672	866.512	S[24]
G[2]	68.704	820.493	824.154	0.672	821.818	G[23]
R[3]	120.738	810.486	805.146	805.482	804.811	R[22]
G[4]	139.745	758.452	751.113	753.440	752.777	G[21]
K[5]	182.443	739.445	734.106	734.442	733.770	K[20]
G[6]	201.450	696.747	691.407	691.743	691.071	G[19]
G[7]	220.458	677.740	672.400	672.736	672.064	G[18]
K[8]	263.156	658.733	653.393	653.729	653.057	K[17]
G[9]	282.163	616.034	610.693	611.031	610.359	G[16]
L[10]	319.858	597.027	591.688	592.023	591.352	L[15]
G[11]	338.865	559.322	553.981	554.320	553.647	G[14]
K[12]	395.567	540.325	534.985	535.322	534.650	K[13]
G[13]	414.574	483.623	478.284	478.620	477.948	G[12]
G[14]	433.581	464.616	459.277	459.613	458.941	G[11]
A[15]	497.260	445.609	440.270	440.605	439.934	A[10]
K[16]	513.962	421.930	416.590	416.926	416.255	K[9]
R[17]	565.996	365.228	359.889	360.225	359.553	R[8]
H[18]	611.682	313.195	307.853	308.191	307.519	H[7]
R[19]	663.716	267.508	262.169	262.505	261.833	R[6]
K[20]	708.414	215.875	210.535	210.871	209.999	K[5]
V[21]	739.437	172.776	167.437	167.773	167.101	V[4]
L[22]	777.132	130.753	134.414	134.750	134.078	L[3]
R[23]	833.837	102.059	96.719	97.055	96.383	R[2]
D[24]	872.179	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK (Acetyl)_(42.01) VLR (Trimethyl)_(42.05) D



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^(Acetyl)_(42.01) VLR^(Trimethyl)_(42.05) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=79.23
- ▶ F121511.dat
- ▶ query=q36316.p1
- ▶ precursor=654.644420
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.070	2015.544	2399.525	0.000	2598.518	S[24]
G	2	204.098	2486.501	2470.453	0.000	2469.475	G[23]
R	3	374.215	2329.480	2413.463	2414.489	2412.453	R[22]
G	4	431.236	2259.361	2243.345	2244.352	2242.337	G[21]
K	5	559.331	2202.342	2186.323	2187.331	2185.315	K[20]
G	6	616.353	2074.347	2058.328	2059.336	2057.220	G[19]
G	7	673.374	2017.225	2001.207	2002.214	2000.199	G[18]
K	8	801.469	1960.204	1944.185	1945.193	1943.177	K[17]
G	9	858.490	1832.109	1816.090	1817.098	1815.082	G[16]
L	10	913.514	1775.087	1759.069	1760.077	1758.061	L[15]
G	11	1028.596	1662.001	1645.985	1646.993	1644.977	G[14]
K	12	1156.001	1604.982	1588.963	1589.971	1587.955	K[13]
G	13	1213.712	1476.887	1460.868	1461.876	1459.860	G[12]
G	14	1270.734	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1341.771	1362.844	1346.825	1347.833	1345.818	A[10]
K	16	1469.806	1291.807	1275.788	1276.796	1274.780	K[9]
R	17	1625.967	1163.712	1147.693	1148.701	1146.685	R[8]
H	18	1763.026	1027.611	991.592	992.600	990.584	H[7]
R	19	1919.127	870.552	854.533	855.541	853.525	R[6]
K	20	2089.233	714.451	698.432	699.440	697.424	K[5]
V	21	2188.301	544.345	528.327	529.334	527.319	V[4]
L	22	2301.385	445.277	429.258	430.266	428.250	L[3]
R	23	2499.533	332.193	316.174	317.182	315.166	R[2]
D	24	2614.560	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^(Acetyl)_(42.01) VLR^(Trimethyl)_(42.05) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=79.23
- ▶ F121511.dat
- ▶ query=q36316.p1
- ▶ precursor=654.644420
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1308.276	1300.269	0.504	1299.762	S[24]
G[2]	102.553	1243.754	1235.745	0.504	1235.241	G[23]
R[3]	187.611	1215.244	1207.234	1207.738	1206.730	R[22]
G[4]	210.122	1130.189	1122.178	1122.680	1121.672	G[21]
K[5]	280.199	1101.675	1093.665	1094.169	1093.161	K[20]
G[6]	308.680	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	337.191	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	401.238	980.606	972.599	973.100	972.092	K[17]
G[9]	429.749	916.558	908.549	909.053	908.045	G[16]
L[10]	480.291	838.247	830.238	830.742	829.734	L[15]
G[11]	514.802	811.505	811.406	824.000	823.992	G[14]
K[12]	578.849	802.995	794.985	795.489	794.481	K[13]
G[13]	607.360	738.947	738.938	731.442	730.434	G[12]
G[14]	635.871	710.436	702.427	702.931	701.923	G[11]
A[15]	671.389	681.926	673.916	674.420	673.412	A[10]
R[16]	735.437	616.407	618.398	618.902	617.894	R[9]
R[17]	813.487	582.360	578.352	574.344	573.846	R[8]
H[18]	882.019	504.309	496.300	496.804	495.796	H[7]
R[19]	960.067	435.780	427.770	428.274	427.266	R[6]
K[20]	1045.120	357.729	349.720	350.224	349.216	K[5]
V[21]	1094.654	272.676	264.667	265.171	264.163	V[4]
L[22]	1151.196	223.142	215.133	215.637	214.629	L[3]
R[23]	1250.276	158.000	158.501	158.095	158.087	R[2]
D[24]	1307.784	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

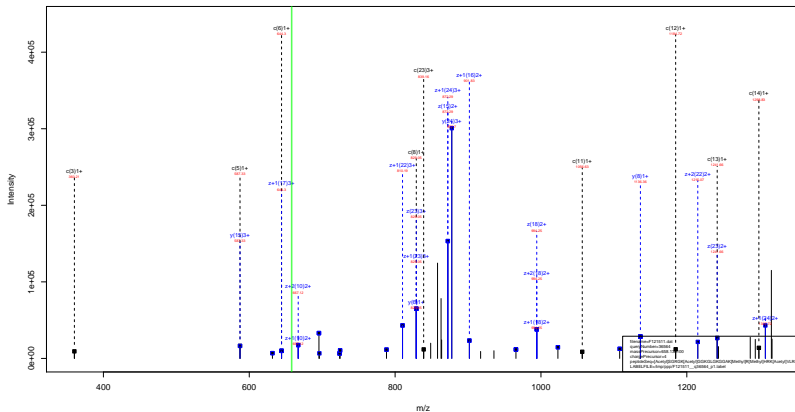
[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRK^(Acetyl)_(42.01) VLR^(Trimethyl)_(42.05) D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=79.23
- ▶ F121511.dat
- ▶ query=q36316.p1
- ▶ precursor=654.644420
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	872.520	867.180	0.672	866.844	S[24]
G[2]	68.704	829.925	824.166	0.672	823.830	G[23]
R[3]	125.410	810.498	805.159	805.495	804.823	R[22]
G[4]	144.417	753.993	748.451	748.789	748.117	G[21]
K[5]	187.115	734.785	729.446	729.782	729.110	K[20]
G[6]	206.122	692.087	686.748	687.083	686.412	G[19]
G[7]	225.130	673.080	667.740	668.076	667.404	G[18]
K[8]	267.828	694.073	648.731	649.069	648.397	K[17]
G[9]	286.835	611.374	606.035	606.371	605.699	G[16]
L[10]	324.530	592.267	587.028	587.364	586.692	L[15]
G[11]	343.537	554.873	549.531	549.869	548.997	G[14]
K[12]	388.238	535.666	530.325	530.662	529.990	K[13]
G[13]	405.242	492.967	487.628	487.964	487.292	G[12]
G[14]	424.249	473.960	468.620	468.956	468.285	G[11]
A[15]	447.929	454.953	449.613	449.949	449.277	A[10]
K[16]	490.627	431.274	425.934	426.270	425.598	K[9]
R[17]	542.661	388.576	383.236	383.572	382.900	R[8]
H[18]	588.347	336.542	331.202	331.538	330.866	H[7]
R[19]	640.381	290.856	285.516	285.852	285.180	R[6]
K[20]	697.062	238.822	233.482	233.818	233.146	K[5]
V[21]	730.135	182.320	176.980	177.316	176.644	V[4]
L[22]	767.800	149.097	143.756	144.094	143.422	L[3]
R[23]	833.849	111.402	106.063	106.399	105.727	R[2]
D[24]	872.192	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK (Acetyl 42.01) GKGLGKGGAK (Methyl 14.02) R (Methyl 14.02) HRK (Acetyl 42.01) VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGKGLGKGGAK^(Methyl) R^(Methyl) (14.02) HRK^(Acetyl) VLRD^(42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=93.24
- ▶ F121511.dat
- ▶ query=q36564.p1
- ▶ precursor=658.138100
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2029.523	2613.505	0.000	2612.497	S[24]
G	2	204.098	2520.481	2484.402	0.000	2483.454	G[23]
R	3	360.199	2443.450	2427.441	2426.448	2426.413	R[22]
G	4	417.220	2387.398	2271.338	2272.347	2270.323	G[21]
K	5	507.326	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	644.347	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	701.369	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	829.464	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	886.485	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	899.569	1761.072	1745.053	1746.061	1744.045	L[15]
G	11	1056.591	1647.989	1631.969	1632.977	1630.961	G[14]
K	12	1184.686	1590.968	1574.948	1575.955	1573.940	K[13]
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1369.766	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1511.876	1277.780	1261.773	1262.780	1260.765	K[9]
R	17	1681.993	1135.681	1119.662	1120.670	1118.654	R[8]
H	18	1519.052	965.564	949.545	950.553	948.537	H[7]
R	19	1975.153	828.505	812.486	813.494	811.478	R[6]
K	20	2145.259	672.404	656.385	657.393	655.377	K[5]
V	21	2244.327	562.290	480.269	487.287	485.272	V[4]
L	22	2367.411	403.230	387.211	388.219	386.203	L[3]
R	23	2413.512	260.148	274.127	275.135	273.119	R[2]
D	24	2626.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGKGLGKGGAK^(Methyl) R^(Methyl) (14.02) HRK^(Acetyl) VLRD^(42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=93.24
- ▶ F121511.dat
- ▶ query=q36564_p1
- ▶ precursor=658.138100
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1315.395	1307.256	0.504	1306.753	S[24]
G[2]	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R[3]	180.003	1222.233	1214.224	1214.720	1213.720	R[22]
G[4]	209.114	1194.383	1136.173	1138.677	1135.669	G[21]
K[5]	294.167	1115.672	1107.663	1108.167	1107.155	K[20]
G[6]	322.677	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	351.188	1002.108	994.099	994.603	993.595	G[18]
K[8]	415.236	973.598	965.588	966.092	965.084	K[17]
G[9]	443.746	900.550	901.541	902.645	901.037	G[16]
L[10]	502.288	811.040	873.032	873.534	872.526	L[15]
G[11]	528.799	824.498	816.482	816.992	815.984	G[14]
R[12]	592.847	795.987	787.977	788.481	787.474	R[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	649.868	703.429	695.419	695.923	694.915	G[11]
A[15]	685.367	674.918	666.908	667.412	666.405	A[10]
R[16]	758.412	639.399	631.390	631.894	630.887	R[9]
R[17]	843.500	568.344	568.332	568.339	569.831	R[8]
H[18]	910.030	483.286	475.276	475.780	474.772	H[7]
R[19]	988.080	414.756	406.747	407.251	406.243	R[6]
R[20]	1073.123	336.706	328.696	329.200	328.192	R[5]
V[21]	1122.667	251.653	243.643	244.147	243.140	V[4]
L[22]	1179.208	202.119	194.109	194.613	193.605	L[3]
D[23]	1257.268	149.577	137.567	138.071	137.064	D[2]
D[24]	1314.773	67.526	58.517	59.021	58.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GKGLGKGGAK^(Methyl)_(14.02) R^(Methyl)_(14.02) HRK^(Acetyl)_(42.01) VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=93.24
- ▶ F121511.dat
- ▶ query=q36564.p1
- ▶ precursor=658.138100
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	877.179	871.840	0.672	871.208	S[24]
G[2]	68.704	874.165	828.826	0.672	828.490	G[23]
R[3]	120.738	515.155	809.818	810.154	809.482	R[22]
G[4]	159.745	763.124	757.785	758.121	757.449	G[21]
K[5]	196.447	744.117	738.778	739.113	738.442	K[20]
G[6]	215.454	687.415	682.076	682.412	681.740	G[19]
G[7]	234.461	608.408	603.069	603.404	602.733	G[18]
K[8]	277.159	649.401	644.061	644.397	643.725	K[17]
G[9]	296.167	606.703	601.363	601.699	601.027	G[16]
L[10]	313.261	587.695	582.356	582.692	582.020	L[15]
G[11]	352.868	530.201	544.667	544.997	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	497.260	450.281	444.941	445.277	444.605	A[10]
K[16]	504.630	426.602	421.262	421.598	420.926	K[9]
R[17]	561.336	379.232	373.892	374.228	373.556	R[8]
H[18]	607.022	322.526	317.187	317.523	316.851	H[7]
R[19]	659.056	276.840	271.500	271.836	271.164	R[6]
K[20]	715.758	224.806	219.467	219.803	219.131	K[5]
V[21]	748.781	108.104	182.765	183.101	182.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRKVL^{Dimethyl}_{28.03} D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.76
- ▶ F121511.dat
- ▶ query=q36566.p1
- ▶ precursor=658.140140
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2629.533	2633.505	0.000	2612.497	S[24]
G	2	254.596	2500.481	2484.402	0.000	2483.454	G[23]
T	3	366.199	2443.459	2427.481	2629.448	2428.433	T[22]
G	4	417.220	2287.358	2271.339	2272.347	2270.332	G[21]
K	5	546.315	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	602.337	2102.242	2086.223	2087.231	2085.215	G[19]
G	7	659.358	2045.220	2029.202	2030.209	2028.194	G[18]
K	8	707.453	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	864.475	1860.104	1844.085	1845.093	1843.077	G[16]
L	10	927.509	1803.082	1787.064	1788.071	1786.056	L[15]
G	11	1014.580	1689.998	1673.980	1674.987	1672.972	G[14]
K	12	1104.686	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1369.766	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1539.874	1277.797	1261.778	1262.786	1260.769	K[9]
R	17	1695.973	1107.666	1091.667	1092.675	1090.659	R[8]
H	18	1833.031	951.585	935.586	936.574	934.558	H[7]
R	19	1989.133	814.526	798.507	799.515	797.499	R[6]
K	20	2117.227	658.425	642.406	643.414	641.398	K[5]
V	21	2216.296	530.330	514.311	515.319	513.303	V[4]
L	22	2320.380	431.261	415.243	416.250	414.235	L[3]
I	23	2513.512	315.177	302.158	303.166	301.151	I[2]
D	24	2638.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRKVL^{Dimethyl}_{28.03} D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.76
- ▶ F121511.dat
- ▶ query=q36566_p1
- ▶ precursor=658.140140
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1315.205	1307.256	0.504	1306.752	S[24]
G[2]	102.553	1290.744	1342.731	0.504	1242.231	G[23]
R[3]	180.003	1222.231	1214.224	1214.720	1213.720	R[22]
G[4]	209.114	1144.383	1136.175	1136.677	1135.669	G[21]
K[5]	273.101	1115.072	1107.063	1108.167	1107.159	K[20]
G[6]	301.872	1051.025	1043.615	1044.119	1043.111	G[19]
G[7]	330.183	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	394.230	994.603	986.594	987.098	986.090	K[17]
G[9]	422.741	930.556	922.546	923.050	922.042	G[16]
L[10]	479.203	902.045	894.537	894.539	893.532	L[15]
G[11]	507.704	845.503	837.493	837.997	836.990	G[14]
K[12]	592.847	816.992	808.983	809.487	808.479	K[13]
G[13]	621.357	731.039	723.930	724.434	723.426	G[12]
G[14]	649.868	703.429	695.419	695.923	694.915	G[11]
A[15]	685.357	674.918	666.908	667.412	666.405	A[10]
R[16]	770.438	639.399	631.390	631.894	630.886	R[9]
R[17]	848.490	554.347	545.337	546.341	545.833	R[8]
H[18]	917.019	476.296	468.287	468.791	467.783	H[7]
R[19]	995.070	407.767	399.757	400.261	399.253	R[6]
K[20]	1059.117	329.716	321.707	322.211	321.203	K[5]
V[21]	1108.052	265.668	257.659	258.163	257.155	V[4]
L[22]	1108.194	218.134	208.125	208.629	207.621	L[3]
R[23]	1257.200	198.592	191.583	192.087	191.079	R[2]
D[24]	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

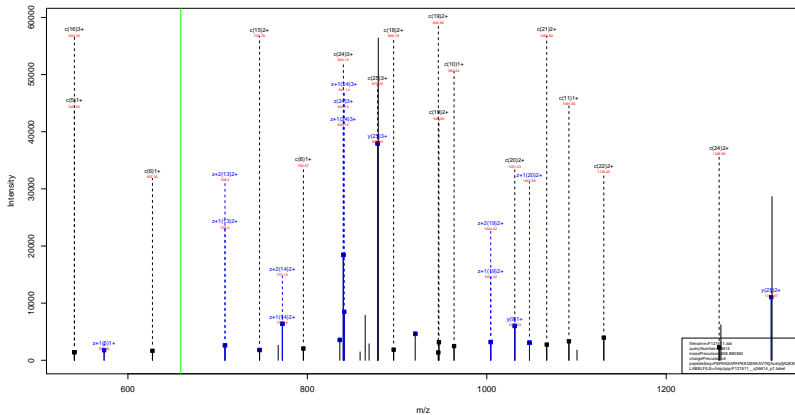
[Acetyl]SGRGKGGKGLGK^{Acetyl}42.01 GGAK^{Acetyl}42.01 RHRKVL^{Dimethyl}28.03 D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.76
- ▶ F121511.dat
- ▶ query=q36566.p1
- ▶ precursor=658.140140
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	871.840	0.672	871.504	S[24]
G[2]	58.704	834.165	828.826	0.672	828.490	G[23]
R[3]	150.738	815.150	809.818	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	758.121	757.449	G[21]
K[5]	182.443	744.117	738.778	739.113	738.442	K[20]
G[6]	201.450	701.419	696.079	696.415	695.743	G[19]
G[7]	220.458	682.412	677.072	677.408	676.736	G[18]
K[8]	263.156	663.404	658.063	658.401	657.729	K[17]
G[9]	282.163	620.706	615.367	615.703	615.031	G[16]
L[10]	319.858	601.699	596.359	596.695	596.023	L[15]
G[11]	338.865	564.004	558.665	559.001	558.329	G[14]
K[12]	395.567	544.997	539.658	539.994	539.322	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]
R[17]	565.996	369.900	364.561	364.896	364.225	R[8]
H[18]	611.682	317.896	312.527	312.863	312.191	H[7]
R[19]	663.716	272.180	266.841	267.176	266.505	R[6]
K[20]	706.414	220.146	214.807	215.143	214.471	K[5]
V[21]	759.437	177.445	172.109	172.444	171.773	V[4]
L[22]	777.132	144.425	139.086	139.422	138.750	L[3]
R[23]	838.509	106.731	101.391	101.727	101.055	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSKKAVTK ^{Acetyl} AQKKD
42.01



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSKKAVTK^{Acetyl} AQKKD
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.47
- ▶ F121511.dat
- ▶ query=q36614.p1
- ▶ precursor=658.885360
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	v	z+1	z+2	z	AA
P 1	115.087	2832.511	2038.496	0.000	2615.488	P 25
E 2	284.129	2535.462	2519.443	0.000	2512.435	E 24
P 3	341.182	2406.419	2390.400	0.000	2389.393	P 23
A 4	412.219	2309.366	2293.348	0.000	2292.340	A 22
K 5	540.314	2238.329	2222.311	2223.318	2221.303	K 21
S 6	627.346	2110.234	2094.216	2095.223	2093.209	S 20
A 7	697.381	2023.202	2007.184	2008.191	2006.176	A 19
P 8	795.436	1952.165	1936.146	1937.154	1935.139	P 18
A 9	866.473	1855.112	1839.094	1840.101	1838.086	A 17
P 10	963.526	1784.075	1768.057	1769.064	1767.049	P 16
K 11	1091.621	1687.022	1671.004	1672.012	1669.996	K 15
K 12	1219.716	1558.938	1542.909	1543.917	1541.901	K 14
G 13	1276.737	1430.833	1414.814	1415.822	1413.806	G 13
S 14	1363.769	1373.811	1357.792	1358.800	1356.785	S 12
K 15	1491.804	1258.779	1270.700	1271.708	1269.752	K 11
K 16	1619.999	1158.684	1142.665	1143.673	1141.658	K 10
A 17	1690.996	1030.589	1014.570	1015.578	1013.563	A 9
V 18	1790.005	959.552	943.533	944.541	942.525	V 8
T 19	1891.112	880.484	844.465	845.473	843.457	T 7
K 20	2081.218	798.430	783.417	784.426	782.409	K 6
A 21	2132.255	589.330	573.312	574.320	572.304	A 5
Q 22	2260.314	518.293	502.275	503.282	501.267	Q 4
K 23	2388.409	390.235	374.216	375.224	373.208	K 3
K 24	2516.504	262.140	246.121	247.129	245.113	K 2
D 25	2631.530	134.045	118.026	119.034	117.018	D 1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKKGSKKAVTK^{Acetyl} AQQKD
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.47
- ▶ F121511.dat
- ▶ query=q36614.p1
- ▶ precursor=658.885360
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
P	1	58.047	1316.761	1308.752	0.504	1308.240	P[25]
E	2	127.588	1288.278	1260.225	0.504	1259.721	E[24]
F	3	171.095	1203.713	1195.704	0.504	1195.200	F[23]
A	4	206.613	1155.187	1147.177	0.504	1146.674	A[22]
K	5	270.681	1110.668	1111.658	1112.163	1111.155	K[21]
S	6	314.177	1055.621	1047.611	1048.115	1047.107	S[20]
A	7	349.695	1012.105	1004.095	1004.599	1003.591	A[19]
F	8	388.222	976.588	968.577	969.081	968.073	F[18]
A	9	433.740	928.060	920.050	920.554	919.547	A[17]
P	10	482.267	892.541	884.532	885.036	884.028	P[16]
K	11	546.314	844.015	836.006	836.509	835.502	K[15]
K	12	610.362	779.967	771.958	772.462	771.454	K[14]
G	13	638.872	743.920	707.911	708.414	707.407	G[13]
S	14	682.388	689.400	678.400	679.904	678.895	S[12]
K	15	746.436	643.891	635.884	636.388	635.380	K[11]
K	16	810.483	579.846	571.836	572.340	571.332	K[10]
A	17	848.022	515.798	507.789	508.293	507.285	A[9]
V	18	895.536	480.280	472.270	472.774	471.766	V[8]
T	19	948.060	438.745	429.738	429.240	428.232	T[7]
K	20	1031.113	380.222	372.212	372.716	371.708	K[6]
A	21	1066.631	295.189	287.179	287.683	286.675	A[5]
Q	22	1130.660	259.650	251.641	252.145	251.137	Q[4]
K	23	1194.708	195.621	187.612	188.116	187.108	K[3]
K	24	1258.755	131.574	123.564	124.068	123.060	K[2]
D	25	1318.250	67.526	59.517	60.021	59.013	D[1]

sp | Q6ZWH9 | H2B1C_MOUSE

PEPAKSAPAPKKGSKKAVTK^{Acetyl} AQQKD
42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.47
- ▶ F121511.dat
- ▶ query=q36614.p1
- ▶ precursor=658.885360
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
P	1	39.034	878.176	872.837	0.672	872.501	P
E	2	82.048	845.825	840.486	0.672	840.150	E
P	3	114.399	802.811	797.472	0.672	797.135	P
A	4	138.078	770.460	765.121	0.672	764.785	A
K	5	180.776	746.781	741.442	741.778	741.156	K
S	6	209.737	704.583	699.743	699.079	698.407	S
A	7	233.406	675.072	669.733	670.069	669.397	A
P	8	265.817	651.393	646.054	646.390	645.718	P
A	9	299.496	619.042	613.703	614.039	613.367	A
P	10	321.847	595.363	590.024	590.360	589.688	P
K	11	364.545	563.012	557.673	558.009	557.337	K
K	12	407.243	520.314	514.974	515.310	514.639	K
G	13	426.251	477.616	472.275	472.612	471.940	G
S	14	455.261	458.609	453.269	453.605	452.933	S
K	15	497.960	429.598	424.258	424.594	423.922	K
K	16	540.658	395.900	391.560	391.896	391.224	K
A	17	564.537	344.201	338.862	339.198	338.526	A
V	18	597.360	320.522	315.183	315.519	314.847	V
T	19	631.042	287.499	282.159	282.496	281.824	T
K	20	687.744	253.817	248.477	248.813	248.141	K
A	21	711.423	197.115	191.775	192.111	191.439	A
Q	22	754.109	173.438	168.098	168.432	167.760	Q
K	23	796.808	130.750	125.410	125.746	125.074	K
K	24	839.506	88.051	82.712	83.048	82.376	K
D	25	877.848	45.353	40.014	40.349	39.678	D

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}42.01 GGAK^{Acetyl}42.01 RHRK^{Trimethyl}42.05 VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.68
- ▶ F121511.dat
- ▶ query=q36766.p1
- ▶ precursor=529.513590
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2643.539	2627.520	0.000	2626.512	S[24]
G	2	204.098	2314.498	2498.473	0.000	2497.470	G[23]
R	3	360.199	2057.475	2041.450	2442.454	2040.448	R[22]
G	4	417.220	2301.374	2285.350	2269.363	2284.347	G[21]
K	5	545.315	2244.352	2228.334	2229.341	2227.326	K[20]
G	6	602.337	2116.257	2100.239	2101.247	2099.231	G[19]
G	7	659.358	2059.230	2043.217	2044.225	2042.209	G[18]
K	8	707.453	2002.214	1986.196	1987.204	1985.188	K[17]
G	9	844.475	1874.120	1858.101	1859.109	1857.091	G[16]
L	10	897.559	1817.098	1801.079	1802.087	1800.071	L[15]
G	11	1014.580	1704.014	1687.995	1689.003	1688.987	G[14]
K	12	1194.686	1646.993	1630.974	1631.982	1629.966	K[13]
G	13	1241.707	1476.887	1460.868	1461.876	1459.860	G[12]
G	14	1298.729	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1369.764	1362.844	1346.825	1347.833	1345.818	A[10]
K	16	1538.871	1291.807	1275.788	1276.796	1274.780	K[9]
R	17	1695.974	1121.701	1105.683	1106.691	1104.675	R[8]
H	18	1833.031	995.600	949.582	950.589	948.574	H[7]
R	19	1989.133	828.541	812.523	813.530	811.515	R[6]
K	20	2159.274	672.440	656.422	657.429	655.414	K[5]
V	21	2258.343	502.398	486.380	487.387	485.372	V[4]
L	22	2371.427	403.230	387.211	388.219	386.203	L[3]
R	23	2527.528	290.146	274.127	275.135	273.119	R[2]
D	24	2642.555	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Trimethyl}_{42.05} VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.68
- ▶ F121511.dat
- ▶ query=q36766.p1
- ▶ precursor=529.513590
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1122.273	1314.264	0.504	1313.760	S[24]
G[2]	102.553	1257.752	1249.742	0.504	1249.239	G[23]
R[3]	180.603	1230.241	1221.232	1221.736	1220.730	R[22]
G[4]	209.114	1151.193	1143.183	1143.685	1142.677	G[21]
K[5]	273.163	1122.680	1114.670	1115.174	1114.167	K[20]
G[6]	301.672	1058.632	1050.623	1051.127	1050.119	G[19]
G[7]	330.183	1030.122	1022.112	1022.616	1021.608	G[18]
K[8]	394.230	1001.611	993.602	994.105	993.097	K[17]
G[9]	422.741	973.101	965.091	930.058	929.050	G[16]
L[10]	479.293	909.053	901.043	901.547	900.539	L[15]
G[11]	507.794	852.511	844.501	845.005	843.997	G[14]
K[12]	592.847	824.000	815.991	816.494	815.487	K[13]
G[13]	621.357	738.947	730.938	731.442	730.434	G[12]
G[14]	649.868	710.436	702.427	702.931	701.923	G[11]
A[15]	685.307	681.926	673.916	674.420	673.412	A[10]
R[16]	770.439	646.827	638.308	638.902	637.894	R[9]
R[17]	848.490	561.354	553.345	553.849	552.841	R[8]
H[18]	917.019	483.304	475.294	475.798	474.791	H[7]
R[19]	995.070	414.774	406.765	407.269	406.261	R[6]
K[20]	1060.144	336.724	328.714	329.218	328.211	K[5]
V[21]	1129.675	252.053	243.043	244.547	243.540	V[4]
L[22]	1186.217	202.119	194.109	194.613	193.605	L[3]
R[23]	1264.268	145.577	137.567	138.071	137.063	R[2]
D[24]	1321.701	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} 42.01 GGAK^{Acetyl} 42.01 RHRK^{Trimethyl} 42.05 VLRLD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=45.68
- ▶ F121511.dat
- ▶ query=q36766.p1
- ▶ precursor=529.513590
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	881.851	876.512	0.672	876.176	S[24]
G[2]	58.704	138.837	833.497	0.672	833.161	G[23]
R[3]	150.738	819.830	814.490	814.826	814.154	R[22]
G[4]	139.745	767.796	762.457	762.792	762.121	G[21]
K[5]	182.443	748.789	743.449	743.785	743.113	K[20]
G[6]	201.450	706.091	700.751	701.087	700.415	G[19]
G[7]	220.458	687.083	681.744	682.080	681.408	G[18]
K[8]	263.156	668.076	666.737	663.073	662.401	K[17]
G[9]	282.163	625.378	620.038	620.374	619.703	G[16]
L[10]	319.858	606.371	601.031	601.367	600.695	L[15]
G[11]	338.865	568.676	563.337	563.673	563.001	G[14]
K[12]	395.567	549.669	544.329	544.665	543.994	K[13]
G[13]	414.574	492.967	487.628	487.964	487.292	G[12]
G[14]	433.581	473.960	468.620	468.956	468.285	G[11]
A[15]	457.260	454.953	449.613	449.949	449.277	A[10]
K[16]	513.962	431.274	425.934	426.270	425.598	K[9]
R[17]	565.996	374.572	369.232	369.568	368.896	R[8]
H[18]	611.682	322.538	317.198	317.535	316.863	H[7]
R[19]	663.716	276.852	271.512	271.848	271.176	R[6]
K[20]	720.430	224.818	219.478	219.815	219.143	K[5]
V[21]	753.452	168.104	162.764	163.101	162.429	V[4]
L[22]	791.147	135.082	129.742	130.078	129.406	L[3]
R[23]	843.181	97.387	92.047	92.383	91.711	R[2]
D[24]	881.523	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 GGAK ^{Acetyl}42.01 RHRK ^{Trimethyl}42.05 VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=45.68
- ▶ F121511.dat
- ▶ query=q36766.p1
- ▶ precursor=529.513590
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	661.640	657.636	0.755	657.384	S[24]
G[2]	51.780	529.380	625.375	0.755	625.123	G[23]
R[3]	90.805	615.124	611.120	611.371	610.868	R[22]
G[4]	105.061	576.099	572.094	572.346	571.842	G[21]
K[5]	137.084	561.844	557.839	558.091	557.587	K[20]
G[6]	151.340	529.620	525.615	526.067	525.563	G[19]
G[7]	165.595	515.564	511.560	511.812	511.308	G[18]
K[8]	197.619	501.309	497.304	497.556	497.052	K[17]
G[9]	211.874	489.285	485.281	485.533	485.029	G[16]
L[10]	280.148	458.030	454.025	454.277	453.773	L[15]
G[11]	254.403	426.750	422.744	423.006	422.502	G[14]
K[12]	296.627	412.504	408.499	408.751	408.247	K[13]
G[13]	311.182	399.977	395.973	396.224	395.721	G[12]
G[14]	325.438	385.722	381.717	381.969	381.465	G[11]
A[15]	343.197	341.466	337.462	337.714	337.210	A[10]
K[16]	385.723	323.707	319.703	319.954	319.451	K[9]
R[17]	424.749	381.181	277.178	277.428	276.924	R[8]
H[18]	459.013	242.156	238.151	238.403	237.899	H[7]
R[19]	488.039	207.891	203.886	204.138	203.634	R[6]
K[20]	560.574	108.866	104.861	105.113	104.609	K[5]
V[21]	565.341	126.330	122.325	122.577	122.073	V[4]
L[22]	593.612	101.563	97.558	97.810	97.306	L[3]
R[23]	632.637	73.292	69.287	69.539	69.035	R[2]
D[24]	661.394	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.33
- ▶ F121511.dat
- ▶ query=q36957.p1
- ▶ precursor=532.309960
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	11	147.076	2057.518	2641.500	0.000	2640.492	S	24
G	2	234.998	2528.470	2512.457	0.000	2511.449	G	23
R	3	360.199	2871.454	2465.435	2456.443	2454.425	R	22
G	4	417.220	2315.353	2299.334	2300.342	2298.327	G	21
K	5	545.315	2258.332	2242.313	2243.321	2241.305	K	20
G	6	602.337	2130.237	2114.218	2115.226	2113.210	G	19
G	7	659.358	2073.215	2057.196	2058.204	2056.189	G	18
K	8	829.464	2016.194	2000.175	2001.183	1999.167	K	17
G	9	886.485	1946.088	1930.069	1931.077	1929.062	G	16
L	10	999.569	1789.987	1773.968	1774.976	1772.960	L	15
G	11	1056.591	1675.982	1659.964	1660.972	1658.956	G	14
K	12	1226.696	1618.961	1602.942	1603.950	1601.935	K	13
G	13	1283.718	1448.856	1432.837	1433.845	1431.829	G	12
G	14	1340.739	1391.834	1375.815	1376.823	1374.808	G	11
A	15	1411.770	1334.813	1318.794	1319.802	1317.786	A	10
K	16	1581.882	1263.776	1247.757	1248.765	1246.749	K	9
R	17	1737.884	1093.670	1077.651	1078.659	1076.644	R	8
H	18	1875.042	937.565	921.550	922.558	920.542	H	7
R	19	2031.143	800.510	784.491	785.499	783.484	R	6
K	20	2173.254	644.409	628.390	629.398	627.383	K	5
V	21	2272.322	502.298	486.280	487.287	485.272	V	4
L	22	2385.406	403.230	387.211	388.219	386.203	L	3
R	23	2541.507	290.146	274.127	275.135	273.119	R	2
D	24	2658.534	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=85.33
- ▶ F121511.dat
- ▶ query=q36957_p1
- ▶ precursor=532.309960
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1329.263	1321.263	0.504	1320.740	S[24]
G[2]	102.553	1264.741	1256.732	0.504	1256.228	G[23]
R[3]	180.603	1236.231	1228.221	1228.725	1227.717	R[22]
G[4]	259.114	1158.180	1150.171	1150.975	1149.666	G[21]
K[5]	273.163	1129.669	1121.660	1122.164	1121.156	K[20]
G[6]	301.672	1065.622	1057.613	1058.117	1057.109	G[19]
G[7]	330.183	1037.111	1029.100	1029.606	1028.590	G[18]
K[8]	415.236	1038.601	1000.591	1001.095	1000.087	K[17]
G[9]	443.746	973.543	915.538	916.042	915.034	G[16]
L[10]	509.208	895.037	887.028	887.532	886.524	L[15]
G[11]	528.799	838.495	830.486	830.990	829.982	G[14]
K[12]	613.852	809.984	801.975	802.479	801.471	K[13]
G[13]	642.363	774.931	716.922	717.426	716.418	G[12]
G[14]	670.873	696.421	688.411	688.915	687.907	G[11]
A[15]	708.382	659.910	651.903	652.406	651.398	A[10]
R[16]	791.445	632.391	624.382	624.886	623.877	R[9]
R[17]	869.495	547.359	539.329	539.833	538.825	R[8]
H[18]	938.025	469.288	461.279	461.783	460.775	H[7]
R[19]	1018.075	400.759	392.749	393.253	392.245	R[6]
K[20]	1087.130	322.708	314.699	315.203	314.195	K[5]
V[21]	1138.605	253.653	245.643	246.147	245.140	V[4]
L[22]	1193.207	202.110	194.100	194.613	193.605	L[3]
R[23]	1271.257	145.577	137.567	138.071	137.063	R[2]
D[24]	1328.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRL

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=85.33
- ▶ F121511.dat
- ▶ query=q36957.p1
- ▶ precursor=532.309960
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	886.511	881.171	0.672	880.835	S[24]
G[2]	58.704	943.497	938.157	0.672	937.821	G[23]
R[3]	120.738	824.490	819.150	819.486	818.814	R[22]
G[4]	139.745	772.456	767.116	767.452	766.780	G[21]
K[5]	182.443	793.449	748.109	748.445	747.773	K[20]
G[6]	201.450	710.750	705.411	705.747	705.075	G[19]
G[7]	220.458	691.743	686.404	686.740	686.068	G[18]
K[8]	277.159	472.785	660.397	661.732	661.061	K[17]
G[9]	286.167	616.034	616.695	611.031	610.359	G[16]
L[10]	333.881	597.027	591.688	592.023	591.352	L[15]
G[11]	352.888	558.132	553.993	554.329	553.657	G[14]
K[12]	409.570	540.125	534.988	535.322	534.650	K[13]
G[13]	428.577	483.623	478.284	478.620	477.948	G[12]
G[14]	447.585	464.616	459.277	459.613	458.941	G[11]
A[15]	471.264	445.609	440.270	440.605	439.934	A[10]
K[16]	527.966	421.930	416.590	416.926	416.255	K[9]
R[17]	579.999	365.226	359.889	360.225	359.553	R[8]
H[18]	625.686	313.195	307.855	308.191	307.519	H[7]
R[19]	677.719	297.508	292.169	292.505	291.833	R[6]
K[20]	725.089	215.475	210.137	210.471	209.799	K[5]
V[21]	758.112	168.104	162.765	163.101	162.429	V[4]
L[22]	795.807	135.082	129.742	130.078	129.406	L[3]
R[23]	847.841	97.387	92.047	92.383	91.711	R[2]
D[24]	886.183	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

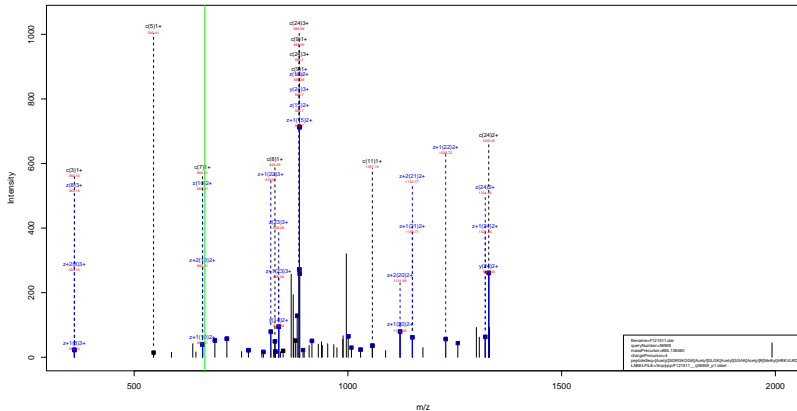
[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Methyl}_{14.02} VLRL

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=85.33
- ▶ F121511.dat
- ▶ query=q36957.p1
- ▶ precursor=532.309960
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	665.135	661.130	0.755	660.878	S[24]
G[2]	51.780	632.874	628.870	0.755	628.618	G[23]
R[3]	90.805	618.610	614.614	614.866	614.362	R[22]
G[4]	105.061	579.594	575.589	575.841	575.337	G[21]
K[5]	137.084	565.338	561.334	561.586	561.082	K[20]
G[6]	151.340	533.315	529.310	529.562	529.058	G[19]
G[7]	165.595	519.059	515.055	515.307	514.803	G[18]
K[8]	208.121	504.804	500.799	501.051	500.547	K[17]
G[9]	222.377	462.278	458.273	458.525	458.021	G[16]
L[10]	250.048	448.022	444.017	444.269	443.766	L[15]
G[11]	264.303	419.751	415.746	415.998	415.494	G[14]
K[12]	307.430	405.496	401.491	401.743	401.239	K[13]
G[13]	321.685	362.969	358.965	359.217	358.713	G[12]
G[14]	335.940	348.714	344.709	344.961	344.457	G[11]
A[15]	353.700	334.459	330.454	330.706	330.202	A[10]
K[16]	398.226	316.699	312.695	312.947	312.443	K[9]
R[17]	435.251	274.173	270.168	270.420	269.916	R[8]
H[18]	469.516	235.148	231.143	231.395	230.891	H[7]
R[19]	503.541	200.883	196.878	197.130	196.626	R[6]
K[20]	544.069	161.858	157.853	158.105	157.601	K[5]
V[21]	568.836	126.330	122.325	122.577	122.073	V[4]
L[22]	597.107	101.563	97.558	97.810	97.306	L[3]
R[23]	636.132	73.292	69.287	69.539	69.035	R[2]
D[24]	664.889	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 R Methyl 14.02 HRKVLRD



Revision: P12111_001
 Query: H4_MOUSE_020003
 Method: Protein:MS1: 100000
 MS1: MS1: 100000
 MS1: MS1: 100000
 MS1: MS1: 100000
 MS1: MS1: 100000

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} R ^{Methyl}_{14.02} HRKVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.72
- ▶ F121511.dat
- ▶ query=q36959_p1
- ▶ precursor=665.136460
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	11	147.076	2057.518	2641.500	0.000	2640.492	S	24
G	2	234.998	2528.470	2512.457	0.000	2511.449	G	23
R	3	360.199	2871.454	2465.435	2456.443	2454.423	R	22
G	4	417.220	2315.353	2290.334	2300.324	2298.327	G	21
K	5	545.315	2258.332	2242.313	2243.321	2241.305	K	20
G	6	602.337	2130.237	2114.218	2115.226	2113.210	G	19
G	7	659.358	2073.215	2057.196	2058.204	2056.189	G	18
K	8	829.464	2016.194	2000.175	2001.183	1999.167	K	17
G	9	856.485	1946.080	1830.069	1831.077	1829.062	G	16
L	10	899.599	1789.967	1773.948	1774.956	1772.940	L	15
G	11	1056.591	1675.863	1659.844	1660.852	1658.836	G	14
K	12	1226.696	1618.961	1602.942	1603.950	1601.935	K	13
G	13	1283.718	1448.856	1432.837	1433.845	1431.829	G	12
G	14	1340.739	1391.834	1375.816	1376.823	1374.808	G	11
A	15	1411.770	1334.813	1318.794	1319.802	1317.786	A	10
K	16	1581.882	1263.776	1247.757	1248.765	1246.749	K	9
R	17	1831.999	1203.670	1097.651	1098.659	1096.644	R	8
H	18	1589.058	923.552	907.535	908.542	906.527	H	7
R	19	2045.159	788.494	770.476	771.484	769.468	R	6
K	20	2173.254	630.393	614.375	615.382	613.367	K	5
V	21	2272.322	502.290	486.280	487.287	485.272	V	4
L	22	2385.406	403.230	387.211	388.219	386.203	L	3
R	23	2541.507	290.140	274.127	275.135	273.119	R	2
D	24	2656.534	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} R ^{Methyl}_{14.02} HRKVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.72
- ▶ F121511.dat
- ▶ query=q36959_p1
- ▶ precursor=665.136460
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1329.263	1321.253	0.504	1320.749	S[24]
G[2]	102.553	1264.741	1256.732	0.504	1256.228	G[23]
R[3]	180.603	1236.231	1228.221	1228.725	1227.717	R[22]
G[4]	259.114	1158.189	1150.171	1150.675	1149.668	G[21]
K[5]	274.163	1129.699	1121.690	1122.164	1121.155	K[20]
G[6]	301.672	1065.622	1057.613	1058.117	1057.109	G[19]
G[7]	330.183	1037.111	1029.102	1029.606	1028.599	G[18]
K[8]	415.236	1008.601	1000.591	1001.095	1000.087	K[17]
G[9]	443.746	971.549	915.538	916.042	915.034	G[16]
L[10]	509.298	895.037	887.028	887.532	886.524	L[15]
G[11]	528.799	838.495	830.486	830.990	829.982	G[14]
K[12]	613.852	809.984	801.975	802.479	801.471	K[13]
G[13]	642.363	724.931	716.922	717.426	716.418	G[12]
G[14]	670.873	696.421	688.411	688.915	687.907	G[11]
A[15]	698.384	667.910	659.901	660.405	659.397	A[10]
R[16]	731.445	632.391	624.382	624.886	623.877	R[9]
R[17]	876.503	547.339	539.339	539.833	538.825	R[8]
H[18]	948.032	462.280	454.271	454.775	453.767	H[7]
R[19]	1023.083	393.751	385.741	386.245	385.238	R[6]
K[20]	1087.130	315.700	307.691	308.195	307.187	K[5]
V[21]	1138.669	251.653	243.643	244.147	243.140	V[4]
L[22]	1193.207	202.119	194.109	194.613	193.605	L[3]
R[23]	1271.257	148.577	139.567	138.071	137.063	R[2]
D[24]	1328.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} R ^{Methyl}_{14.02} HRKVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.72
- ▶ F121511.dat
- ▶ query=q36959.p1
- ▶ precursor=665.136460
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	886.511	881.171	0.672	880.835	S[24]
G[2]	58.704	343.497	838.157	0.672	837.821	G[23]
R[3]	150.738	824.490	819.150	819.486	818.814	R[22]
G[4]	139.745	772.456	767.116	767.452	766.780	G[21]
K[5]	182.443	793.449	748.109	748.445	747.773	K[20]
G[6]	201.450	710.750	705.411	705.747	705.075	G[19]
G[7]	220.458	691.743	686.404	686.740	686.068	G[18]
K[8]	277.159	672.736	667.397	667.732	667.061	K[17]
G[9]	296.167	616.034	610.695	611.031	610.359	G[16]
L[10]	313.881	597.027	591.688	592.023	591.352	L[15]
G[11]	352.868	559.132	553.793	554.129	553.657	G[14]
K[12]	409.570	540.125	534.786	535.122	534.650	K[13]
G[13]	428.577	483.623	478.284	478.620	477.948	G[12]
G[14]	447.585	464.616	459.277	459.613	458.941	G[11]
A[15]	471.264	445.609	440.270	440.605	439.934	A[10]
K[16]	527.966	421.930	416.590	416.926	416.255	K[9]
R[17]	584.671	365.226	359.889	360.225	359.553	R[8]
H[18]	630.357	308.523	303.183	303.519	302.847	H[7]
R[19]	682.391	252.336	247.497	247.833	247.161	R[6]
K[20]	725.089	210.803	205.463	205.799	205.127	K[5]
V[21]	758.112	168.104	162.765	163.101	162.429	V[4]
L[22]	795.807	135.082	129.742	130.078	129.406	L[3]
R[23]	847.841	97.387	92.047	92.383	91.711	R[2]
D[24]	886.183	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl}_{28.03} GKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRKVL R^(Dimethyl)_(28.03) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.89
- ▶ F121511.dat
- ▶ query=q36963.p1
- ▶ precursor=665.145940
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2057.555	2641.536	0.000	2640.528	S[24]
G	2	204.998	2528.513	2512.493	0.000	2511.486	G[23]
R	3	308.230	2471.491	2455.472	2450.480	2454.464	R[22]
G	4	445.252	2287.358	2271.339	2272.347	2270.332	G[21]
K	5	573.347	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	630.368	2102.242	2086.223	2087.231	2085.215	G[19]
G	7	687.390	2045.220	2029.202	2030.209	2028.194	G[18]
K	8	815.485	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	872.506	1860.104	1844.085	1845.093	1843.077	G[16]
L	10	837.960	1803.082	1787.064	1788.071	1786.055	L[15]
G	11	1042.612	1859.998	1873.980	1874.987	1872.972	G[14]
K	12	1212.717	1832.977	1616.958	1617.966	1615.950	K[13]
G	13	1269.739	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1326.760	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1397.797	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1567.903	1277.790	1261.773	1262.780	1260.765	K[9]
R	17	1724.954	1107.686	1091.667	1092.675	1090.659	R[8]
H	18	1561.903	954.535	935.506	936.514	934.555	H[7]
R	19	2017.184	814.526	798.507	799.515	797.499	R[6]
K	20	2145.259	658.425	642.406	643.414	641.398	K[5]
V	21	2244.327	530.330	514.311	515.319	513.303	V[4]
L	22	2367.411	431.261	415.243	416.250	414.235	L[3]
R	23	2621.544	318.177	302.158	303.166	301.151	R[2]
D	24	2656.571	134.040	118.026	119.034	117.015	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl}_{28.03} GKG^{Acetyl}GKGLGK_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}VLR_(28.03) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.89
- ▶ F121511.dat
- ▶ query=q36963_p1
- ▶ precursor=665.145940
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1320.281	1321.272	0.504	1320.768	S[24]
G[2]	102.553	1294.760	1296.750	0.504	1296.246	G[23]
R[3]	184.619	1236.240	1237.240	1228.743	1227.736	R[22]
G[4]	223.130	1194.283	1196.173	1138.677	1139.669	G[21]
K[5]	287.177	1115.672	1107.663	1108.167	1107.159	K[20]
G[6]	315.688	1051.625	1043.615	1044.119	1043.111	G[19]
G[7]	344.198	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	408.246	994.603	986.594	987.098	986.090	K[17]
G[9]	436.757	927.049	930.556	922.546	923.050	G[16]
L[10]	493.299	827.049	894.035	894.539	893.532	L[15]
G[11]	521.808	845.503	837.493	837.997	838.990	G[14]
K[12]	606.952	816.992	808.983	809.487	808.479	K[13]
G[13]	635.373	731.939	723.930	724.434	723.426	G[12]
G[14]	663.884	703.429	695.419	695.923	694.915	G[11]
A[15]	699.402	674.918	666.908	667.412	666.405	A[10]
R[16]	783.433	639.399	631.390	631.894	630.886	R[9]
R[17]	862.506	554.347	546.337	546.841	545.833	R[8]
H[18]	931.035	476.296	468.287	468.791	467.783	H[7]
R[19]	1009.086	407.767	399.757	400.261	399.253	R[6]
R[20]	1073.133	329.716	321.707	322.211	321.203	R[5]
V[21]	1122.667	265.668	257.659	258.163	257.155	V[4]
L[22]	1179.209	216.134	208.125	208.629	207.621	L[3]
D[23]	1213.273	159.092	151.083	151.587	150.579	D[2]
D[24]	1328.789	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

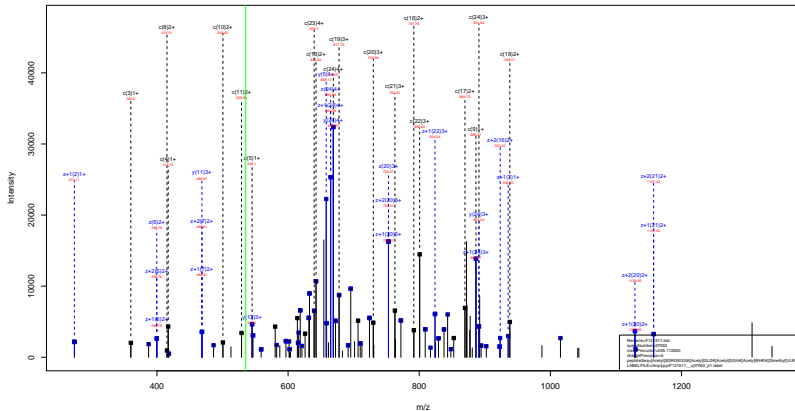
[Acetyl]SGR^{Dimethyl}_{28.03} GKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRKVL R^(Dimethyl)_(28.03) D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.89
- ▶ F121511.dat
- ▶ query=q36963.p1
- ▶ precursor=665.145940
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	886.523	881.183	0.672	880.848	S[24]
G[2]	68.704	843.509	838.169	0.672	837.833	G[23]
R[3]	130.082	324.562	819.162	819.498	318.826	R[22]
G[4]	149.089	763.124	757.785	758.121	757.449	G[21]
K[5]	191.787	744.117	738.778	739.113	738.442	K[20]
G[6]	210.794	701.419	696.079	696.415	695.743	G[19]
G[7]	229.801	682.412	677.072	677.408	676.736	G[18]
K[8]	272.500	663.404	658.065	658.401	657.729	K[17]
G[9]	291.507	620.706	615.367	615.703	615.031	G[16]
L[10]	329.202	601.699	596.359	596.695	596.022	L[15]
G[11]	388.209	584.004	578.665	579.001	578.329	G[14]
K[12]	404.911	544.997	539.658	539.994	539.322	K[13]
G[13]	423.918	488.295	482.956	483.292	482.620	G[12]
G[14]	442.925	469.288	463.949	464.285	463.613	G[11]
A[15]	466.604	450.281	444.941	445.277	444.605	A[10]
K[16]	523.306	426.602	421.262	421.598	420.926	K[9]
R[17]	575.139	369.900	364.561	364.896	364.225	R[8]
H[18]	621.026	317.866	312.527	312.863	312.191	H[7]
R[19]	673.059	272.180	266.841	267.176	266.505	R[6]
K[20]	715.758	220.140	214.801	215.143	214.471	K[5]
V[21]	748.781	177.448	172.109	172.444	171.773	V[4]
L[22]	786.475	144.425	139.086	139.422	138.750	L[3]
R[23]	847.853	106.731	101.391	101.727	101.055	R[2]
D[24]	886.195	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.94
- ▶ F121511.dat
- ▶ query=q37050.p1
- ▶ precursor=535.112820
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2671.534	2655.515	0.000	2654.507	S[24]
G	2	254.098	2542.493	2528.473	0.000	2525.465	G[23]
R	3	360.199	2626.470	2469.451	2470.459	2608.443	R[22]
G	4	417.220	2320.868	2311.850	2314.858	2312.342	G[21]
K	5	545.315	2272.347	2256.329	2257.336	2255.321	K[20]
G	6	602.337	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	659.358	2087.231	2071.212	2072.220	2070.204	G[18]
K	8	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	886.485	1890.104	1884.085	1885.093	1883.077	G[16]
L	10	993.959	1803.064	1787.044	1788.051	1786.036	L[15]
G	11	1056.591	1588.988	1673.980	1674.987	1672.972	G[14]
K	12	1226.696	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1581.882	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1737.983	1137.686	1121.667	1122.675	1120.659	R[8]
H	18	1875.042	951.585	935.566	936.574	934.558	H[7]
R	19	2031.143	814.526	798.507	799.515	797.499	R[6]
K	20	2187.269	658.425	642.406	643.414	641.398	K[5]
V	21	2286.338	502.298	486.280	487.287	485.272	V[4]
L	22	2399.422	403.230	387.211	388.219	386.203	L[3]
R	23	2555.523	290.146	274.127	275.135	273.119	R[2]
D	24	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.94
- ▶ F121511.dat
- ▶ query=q37050_p1
- ▶ precursor=535.112820
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1336.271	1326.261	0.904	1327.757	S[24]
G	2	102.553	1271.749	1261.740	0.904	1263.230	G[23]
R	3	180.003	1243.239	1233.229	1236.719	1234.725	R[22]
G	4	209.114	1305.189	1157.179	1157.683	1306.879	G[21]
K	5	273.101	1336.677	1128.668	1129.172	1328.164	K[20]
G	6	301.872	1072.630	1064.830	1065.124	1064.117	G[19]
G	7	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	415.236	1015.608	1007.599	1008.103	1007.095	K[17]
G	9	447.720	1381.599	922.546	923.050	922.042	G[16]
L	10	500.298	902.045	894.035	894.539	893.532	L[15]
G	11	528.799	845.503	837.493	837.997	836.990	G[14]
K	12	613.852	816.992	808.983	809.487	808.479	K[13]
G	13	642.363	731.939	723.930	724.434	723.426	G[12]
G	14	670.873	703.429	695.419	695.923	694.915	G[11]
A	15	706.392	674.918	666.907	667.412	666.405	A[10]
R	16	791.445	639.399	631.390	631.894	630.886	R[9]
R	17	860.495	554.347	546.337	546.841	545.833	R[8]
H	18	938.025	478.290	468.287	468.791	467.783	H[7]
R	19	1016.075	407.707	399.757	400.261	399.253	R[6]
K	20	1094.138	329.716	321.707	322.211	321.203	K[5]
V	21	1143.673	251.653	243.643	244.147	243.140	V[4]
L	22	1200.215	202.119	194.109	194.613	193.605	L[3]
R	23	1278.205	145.577	137.567	138.071	137.063	R[2]
D	24	1335.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.94
- ▶ F121511.dat
- ▶ query=q37050.p1
- ▶ precursor=535.112820
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	885.843	0.672	885.507	S[24]
G[2]	58.704	848.169	842.829	0.672	842.493	G[23]
R[3]	150.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	798.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	620.706	615.367	615.703	615.031	G[16]
L[10]	313.681	601.699	596.359	596.695	596.023	L[15]
G[11]	352.868	504.024	558.665	559.001	558.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.866	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.761	220.140	214.807	215.143	214.471	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	800.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	896.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

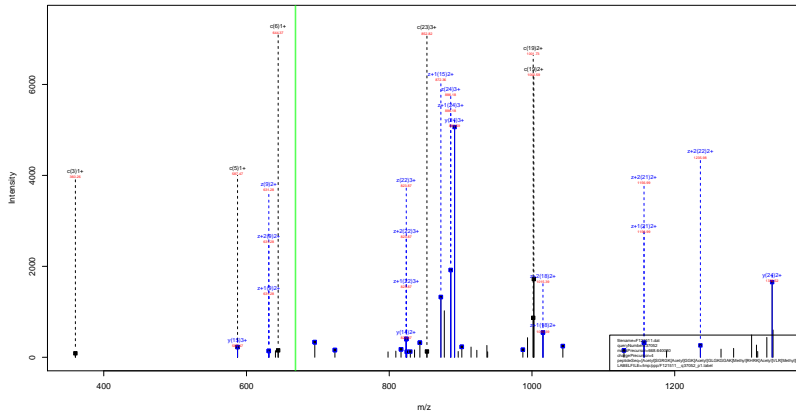
[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=59.94
- ▶ F121511.dat
- ▶ query=q37050.p1
- ▶ precursor=535.112820
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	668.639	664.634	0.795	664.182	S[24]
G[2]	51.780	536.378	632.374	0.795	632.122	G[23]
R[3]	90.805	622.121	618.118	618.370	617.866	R[22]
G[4]	105.061	583.098	579.093	579.345	578.841	G[21]
K[5]	137.084	568.842	564.838	565.090	564.586	K[20]
G[6]	151.340	536.819	532.814	533.066	532.562	G[19]
G[7]	165.595	522.563	518.558	518.810	518.307	G[18]
K[8]	208.121	508.308	504.303	504.555	504.051	K[17]
G[9]	222.377	495.781	491.777	492.029	491.525	G[16]
L[10]	250.048	451.526	447.521	447.773	447.269	L[15]
G[11]	264.303	423.255	419.250	419.502	418.998	G[14]
K[12]	307.430	409.000	404.995	405.247	404.743	K[13]
G[13]	321.685	366.473	362.469	362.721	362.217	G[12]
G[14]	335.940	352.218	348.213	348.465	347.961	G[11]
A[15]	353.700	337.963	333.958	334.210	333.706	A[10]
K[16]	398.226	320.203	316.199	316.451	315.947	K[9]
R[17]	435.251	277.877	273.672	273.924	273.420	R[8]
H[18]	469.516	238.652	234.647	234.899	234.395	H[7]
R[19]	508.541	204.397	200.392	200.644	200.140	R[6]
K[20]	547.573	165.362	161.357	161.609	161.105	K[5]
V[21]	572.340	126.330	122.325	122.577	122.073	V[4]
L[22]	600.611	101.563	97.558	97.810	97.306	L[3]
R[23]	639.636	73.292	69.287	69.539	69.035	R[2]
D[24]	668.393	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGKGGAK Methyl 14.02 RHRK Acetyl 42.01 VLR Methyl 14.02 D



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{Acetyl}_{42.01} GGK_{Acetyl}_{42.01} GLGKGGAK_{Methyl}_{14.02} RHRK_{Acetyl}_{42.01} VLR_{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.02
- ▶ F121511.dat
- ▶ query=q37052.p1
- ▶ precursor=668.640080
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2671.534	2655.513	0.000	2654.507	S[24]
G	2	204.008	2542.493	2528.473	0.000	2525.465	G[23]
R	3	360.199	2305.470	2409.451	2470.439	2308.443	R[22]
G	4	417.220	2320.868	2311.850	2314.838	2312.342	G[21]
K	5	587.326	2272.347	2256.329	2257.336	2255.321	K[20]
G	6	644.347	2102.242	2086.223	2087.231	2085.215	G[19]
G	7	701.369	2045.220	2029.202	2030.209	2028.194	G[18]
K	8	871.474	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	928.496	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	1041.588	1753.072	1743.053	1746.061	1744.045	L[15]
G	11	1098.601	1547.985	1531.969	1532.977	1530.961	G[14]
K	12	1226.696	1590.966	1574.948	1575.955	1573.940	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1551.887	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1709.988	1135.684	1119.667	1120.676	1118.659	R[8]
H	18	1847.087	979.580	963.561	964.569	962.553	H[7]
R	19	2003.148	842.521	825.502	827.510	825.494	R[6]
K	20	2173.254	686.420	670.401	671.409	669.393	K[5]
V	21	2272.322	516.314	500.295	501.303	499.287	V[4]
L	22	2385.406	417.246	401.227	402.235	400.219	L[3]
R	23	2595.523	304.162	288.143	289.151	287.135	R[2]
D	24	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR GK ^{Acetyl}_{42.01} GK ^{Acetyl}_{42.01} GLGKGGAK ^{Methyl}_{14.02} RHRK ^{Acetyl}_{42.01} VLR ^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.02
- ▶ F121511.dat
- ▶ query=q37052_p1
- ▶ precursor=668.640080
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1336.271	1326.261	0.504	1327.757	S[24]
G	2	102.553	1271.746	1263.740	0.504	1263.236	G[23]
R	3	180.603	1243.239	1235.230	1235.733	1234.725	R[22]
G	4	259.114	1165.169	1157.179	1157.683	1156.675	G[21]
K	5	294.157	1136.677	1128.668	1129.172	1128.165	K[20]
G	6	322.677	1051.625	1043.615	1044.119	1043.111	G[19]
G	7	351.188	1023.114	1015.104	1015.608	1014.601	G[18]
K	8	436.241	994.603	986.594	987.098	986.091	K[17]
G	9	464.752	920.550	901.541	902.045	901.037	G[16]
L	10	511.294	893.040	873.030	873.534	872.526	L[15]
G	11	549.804	824.498	816.488	816.992	815.984	G[14]
K	12	613.852	795.987	787.977	788.481	787.474	K[13]
G	13	642.363	731.939	723.930	724.434	723.426	G[12]
G	14	670.873	703.429	695.419	695.923	694.915	G[11]
A	15	708.382	674.918	666.908	667.412	666.405	A[10]
R	16	777.447	639.399	631.390	631.894	630.886	R[9]
R	17	856.498	568.344	560.335	560.839	559.831	R[8]
H	18	934.007	490.293	482.284	482.788	481.780	H[7]
R	19	1002.078	421.764	413.755	414.259	413.251	R[6]
K	20	1087.130	343.717	335.708	336.208	335.200	K[5]
V	21	1136.665	258.661	250.651	251.155	250.147	V[4]
L	22	1193.207	209.126	201.117	201.621	200.613	L[3]
R	23	1278.265	152.584	144.575	145.079	144.071	R[2]
D	24	1336.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGKGGAK^{Methyl} 14.02 RHRK^{Acetyl} VLR^{Methyl} 14.02 D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=60.02
- ▶ F121511.dat
- ▶ query=q37052.p1
- ▶ precursor=668.640080
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	685.843	0.672	885.507	S[24]
G[2]	58.704	848.195	842.829	0.672	842.493	G[23]
R[3]	130.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	196.447	758.121	752.781	753.117	752.445	K[20]
G[6]	215.454	701.419	696.079	696.415	695.743	G[19]
G[7]	234.461	682.412	677.072	677.408	676.736	G[18]
K[8]	291.163	663.404	658.063	658.401	657.729	K[17]
G[9]	310.170	636.703	601.363	603.699	601.027	G[16]
L[10]	347.885	537.695	582.355	582.692	582.020	L[15]
G[11]	396.872	550.051	544.661	544.997	544.325	G[14]
K[12]	409.570	530.994	525.654	525.990	525.318	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	518.634	426.602	421.262	421.598	420.926	K[9]
R[17]	570.668	379.232	373.892	374.228	373.556	R[8]
H[18]	616.354	327.198	321.858	322.194	321.522	H[7]
R[19]	668.388	231.512	276.172	278.508	279.836	R[6]
K[20]	725.089	229.476	224.136	224.474	223.803	K[5]
V[21]	758.112	172.776	167.437	167.773	167.101	V[4]
L[22]	795.807	139.753	134.414	134.750	134.078	L[3]
R[23]	852.513	102.059	96.719	97.055	96.383	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR (Methyl)_(14.02) K (Methyl)_(14.02) VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.07
- ▶ F121511.dat
- ▶ query=q37056.p1
- ▶ precursor=668.640330
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	147.076	2671.534	2655.515	0.000	2654.507	S[24]
G	264.098	2542.491	2526.473	0.000	2525.465	G[23]
R	368.159	2395.470	2369.451	2470.439	2368.443	R[22]
G	417.230	2329.360	2313.350	2314.358	2312.342	G[21]
K	545.315	2272.347	2256.329	2257.336	2255.321	K[20]
G	602.337	2144.252	2128.234	2129.241	2127.226	G[19]
G	669.358	2087.231	2071.210	2072.220	2070.204	G[18]
K	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	856.485	1890.104	1844.085	1845.093	1843.077	G[16]
L	929.569	1803.082	1787.064	1788.071	1786.056	L[15]
G	1050.591	1689.990	1673.980	1674.987	1672.972	G[14]
K	1226.696	1632.977	1616.958	1617.966	1615.950	K[13]
G	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
K	1581.882	1277.791	1261.773	1262.780	1260.765	K[9]
R	1737.983	1107.686	1091.667	1092.675	1090.660	R[8]
H	1878.042	951.580	935.566	936.574	934.558	H[7]
R	2045.150	814.520	798.507	799.515	797.499	R[6]
K	2187.269	644.400	628.390	629.398	627.382	K[5]
V	2286.338	502.290	486.280	487.287	485.272	V[4]
L	2399.422	403.230	387.211	388.219	386.203	L[3]
R	2555.523	290.140	274.127	275.135	273.119	R[2]
D	2670.550	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR ^(Methyl)_(14.02) K ^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.07
- ▶ F121511.dat
- ▶ query=q37056.p1
- ▶ precursor=668.640330
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S 1	94.692	1336.271	1328.261	0.504	1327.757	S 24
G 2	102.553	1271.749	1263.740	0.504	1263.236	G 23
R 3	180.603	1243.239	1235.239	1235.733	1234.728	R 22
G 4	209.114	1185.188	1157.179	1157.683	1156.675	G 21
R 5	273.163	1136.677	1128.667	1129.172	1129.166	R 20
G 6	301.672	1072.630	1064.620	1065.124	1064.117	G 19
G 7	330.183	1044.119	1036.110	1036.614	1035.606	G 18
K 8	415.236	1015.608	1007.599	1008.103	1007.095	K 17
G 9	443.746	930.556	922.546	923.050	922.042	G 16
L 10	509.288	902.045	894.035	894.539	893.533	L 15
G 11	538.799	845.523	837.493	837.997	836.990	G 14
K 12	613.852	816.092	808.983	809.487	808.479	K 13
G 13	642.363	731.939	723.930	724.434	723.426	G 12
G 14	670.873	703.429	695.419	695.923	694.915	G 11
A 15	706.292	674.918	666.908	667.412	666.405	A 10
R 16	791.446	639.399	631.389	631.894	630.886	R 9
R 17	859.495	594.347	586.337	586.841	545.833	R 6
H 18	938.025	476.290	468.287	468.791	467.783	H 7
R 19	1023.063	407.767	399.757	400.261	399.253	R 6
K 20	1094.138	322.708	314.699	315.203	314.195	K 5
V 21	1137.977	254.053	245.043	244.547	243.540	V 4
L 22	1206.215	202.119	194.109	194.613	193.605	L 3
R 23	1279.265	145.577	137.567	138.071	137.063	R 2
D 24	1336.779	87.526	79.517	80.021	79.013	D 1

sp | P62806 | H4_MOUSE

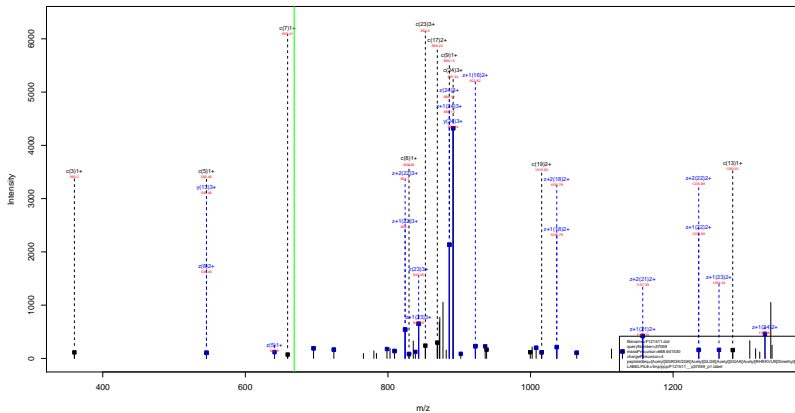
[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHR (Methyl)_(14.02) K (Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.07
- ▶ F121511.dat
- ▶ query=q37056.p1
- ▶ precursor=668.640330
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	891.183	885.843	0.672	885.207	S[24]
G[2]	68.704	848.160	842.829	0.672	842.493	G[23]
R[3]	120.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.482	G[21]
K[5]	182.443	758.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	620.706	615.367	615.703	615.031	G[16]
L[10]	313.261	601.699	596.359	596.695	596.022	L[15]
G[11]	352.868	574.204	568.865	569.201	568.529	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.866	312.527	312.863	312.191	H[7]
R[19]	682.391	272.180	266.841	267.176	266.505	R[6]
K[20]	729.784	215.475	210.135	210.471	209.799	K[5]
V[21]	752.784	198.104	192.765	193.101	192.429	V[4]
L[22]	860.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl} 42.01 GLGK ^{Acetyl} 42.01 GGAK ^{Acetyl} 42.01 RHRKVLR (Dimethyl) D (28.03)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRKVLR ^(Dimethyl)_(28.03) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=63.07
- ▶ F121511.dat
- ▶ query=q37059.p1
- ▶ precursor=668.641530
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	147.076	2671.534	2655.515	0.000	2654.507	S[24]
G	264.098	2542.491	2526.473	0.000	2525.465	G[23]
R	360.159	2328.470	2309.451	2470.439	2308.443	R[22]
G	417.230	2329.360	2313.350	2314.358	2312.342	G[21]
K	545.315	2272.347	2256.339	2257.336	2255.321	K[20]
G	602.337	2144.252	2128.234	2129.241	2127.226	G[19]
G	659.358	2087.231	2071.210	2072.220	2070.204	G[18]
K	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	886.485	1890.104	1844.085	1845.093	1843.077	G[16]
L	959.569	1803.082	1787.064	1788.071	1786.056	L[15]
G	1055.591	1689.990	1673.980	1674.987	1672.972	G[14]
K	1226.696	1632.977	1616.958	1617.966	1615.950	K[13]
G	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
K	1581.882	1277.791	1261.773	1262.780	1260.765	K[9]
R	1737.983	1107.680	1081.662	1072.675	1090.659	R[8]
H	1878.042	951.569	935.550	936.574	934.555	H[7]
R	1919.143	814.520	798.507	799.515	797.499	R[6]
K	2159.238	658.425	642.406	643.414	641.398	K[5]
V	2258.306	530.330	514.311	515.319	513.303	V[4]
L	2371.391	431.261	415.243	416.250	414.235	L[3]
R	2555.523	318.177	302.158	303.166	301.151	R[2]
D	2670.550	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK_{42.01} Acetyl GLGK_{42.01} Acetyl GGAK_{42.01} RHRKVL R (Dimethyl) D (28.03)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=63.07
- ▶ F121511.dat
- ▶ query=q37059_p1
- ▶ precursor=668.641530
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1336.271	1328.261	0.504	1327.757	S[24]
G[2]	102.553	1271.749	1263.740	0.504	1263.236	G[23]
R[3]	180.603	1243.239	1235.229	1235.733	1234.730	R[22]
G[4]	209.114	1185.188	1157.179	1157.683	1156.675	G[21]
K[5]	273.163	1136.677	1128.668	1128.172	1129.166	K[20]
G[6]	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	415.236	1015.608	1007.599	1008.103	1007.595	K[17]
G[9]	443.746	0.30.556	922.546	923.050	922.042	G[16]
L[10]	500.288	902.045	864.033	874.529	893.523	L[15]
G[11]	528.799	845.523	837.493	837.997	836.990	G[14]
K[12]	613.852	816.092	808.983	809.487	808.479	K[13]
G[13]	642.363	731.939	723.930	724.434	723.426	G[12]
G[14]	670.873	703.429	695.419	695.923	694.915	G[11]
A[15]	706.392	674.918	666.908	667.412	666.405	A[10]
R[16]	731.446	639.399	631.389	631.894	630.886	R[9]
R[17]	869.495	594.347	546.337	546.841	545.833	R[6]
H[18]	938.025	476.296	468.287	468.791	467.783	H[7]
R[19]	1016.075	407.767	399.757	400.261	399.253	R[6]
K[20]	1080.123	329.716	321.707	322.211	321.203	K[5]
V[21]	1129.667	205.666	207.659	208.163	207.155	V[4]
L[22]	1186.199	216.134	208.125	208.629	207.621	L[1]
R[23]	1270.265	159.592	151.583	152.087	151.079	R[2]
D[24]	1336.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRKVL^(Dimethyl)_(28.03) R

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=63.07
- ▶ F121511.dat
- ▶ query=q37059_p1
- ▶ precursor=668.641530
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	891.183	885.843	0.672	885.507	S[24]
G[2]	68.704	848.159	842.829	0.672	842.493	G[23]
R[3]	120.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.482	G[21]
K[5]	182.443	758.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	620.706	615.367	615.703	615.031	G[16]
L[10]	313.264	601.699	596.359	596.695	596.022	L[15]
G[11]	352.268	594.034	588.695	589.031	588.359	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.866	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.412	220.140	214.801	215.143	214.471	K[5]
V[21]	753.440	177.440	172.100	172.444	171.773	V[4]
L[22]	791.135	144.425	139.086	139.422	138.750	L[3]
R[23]	852.513	106.731	101.391	101.727	101.055	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.87
- ▶ F121511.dat
- ▶ query=q37334.p1
- ▶ precursor=543.516610
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2713.544	2697.526	0.000	2696.518	S	24
G	2	234.998	2504.362	2598.483	0.000	2597.475	G	23
R	3	360.199	2527.480	2511.462	2512.470	2510.454	R	22
G	4	417.320	2371.379	2355.361	2356.368	2354.353	G	21
K	5	507.326	2314.358	2298.339	2299.347	2297.331	K	20
G	6	644.347	2144.252	2128.234	2129.241	2127.226	G	19
G	7	701.369	2087.231	2071.212	2072.220	2070.204	G	18
K	8	871.474	2030.209	2014.191	2015.198	2013.183	K	17
G	9	823.895	1890.104	1884.085	1885.093	1883.077	G	16
L	10	1041.580	1803.981	1787.964	1788.971	1786.956	L	15
G	11	1098.601	1689.960	1673.940	1674.947	1672.932	G	14
K	12	1268.707	1632.977	1616.958	1617.966	1615.950	K	13
G	13	1325.728	1462.871	1446.853	1447.860	1445.845	G	12
G	14	1362.750	1405.850	1389.831	1390.839	1388.823	G	11
A	15	1453.787	1348.828	1332.810	1333.818	1331.802	A	10
K	16	1623.893	1277.791	1261.773	1262.780	1260.765	K	9
R	17	1778.994	1109.686	1093.667	1092.675	1090.659	R	8
H	18	1917.053	951.582	935.566	936.574	934.558	H	7
R	19	2073.154	814.526	798.507	799.515	797.499	R	6
K	20	2229.260	658.425	642.406	643.414	641.398	K	5
V	21	2328.348	502.298	486.280	487.287	485.272	V	4
L	22	2441.432	403.230	387.211	388.219	386.203	L	3
R	23	2597.534	290.140	274.127	275.135	273.119	R	2
D	24	2712.560	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **RHRK** Dimethyl
28.03 **VLRD**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.87
- ▶ F121511.dat
- ▶ query=q37334_p1
- ▶ precursor=543.516610
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1357.276	1340.267	0.504	1348.763	S[24]
G	2	102.553	1292.755	1284.745	0.904	1284.241	G[23]
R	3	180.603	1284.244	1256.234	1256.738	1256.711	R[22]
G	4	209.114	1198.193	1179.184	1178.688	1177.689	G[21]
K	5	204.107	1157.683	1149.673	1150.177	1149.169	K[20]
G	6	332.677	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	436.241	1015.608	1007.599	1008.103	1007.095	K[17]
G	9	464.752	930.556	922.547	921.051	920.042	G[16]
L	10	531.284	902.045	894.035	894.539	893.532	L[15]
G	11	549.804	845.503	837.493	837.997	835.990	G[14]
K	12	534.857	816.992	808.983	809.487	808.479	K[13]
G	13	663.366	731.939	723.930	724.434	723.426	G[12]
G	14	691.879	703.429	695.419	695.923	694.915	G[11]
A	15	727.397	674.918	666.909	667.412	666.405	A[10]
R	16	812.450	639.399	631.390	631.894	630.886	R[9]
R	17	890.500	554.347	546.337	546.841	545.833	R[8]
H	18	959.030	478.290	468.287	468.791	467.783	H[7]
R	19	1037.080	407.707	399.757	400.261	399.253	R[6]
K	20	1115.144	329.716	321.707	322.211	321.203	K[5]
V	21	1164.678	251.653	243.643	244.147	243.140	V[4]
L	22	1221.230	202.119	194.109	194.613	193.605	L[3]
R	23	1269.270	145.577	137.567	138.071	137.063	R[2]
D	24	1356.784	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**^{Dimethyl}_{28.03} **VLRD**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.87
- ▶ F121511.dat
- ▶ query=q37334.p1
- ▶ precursor=543.516610
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	905.186	699.847	0.672	899.511	S[24]
G[2]	58.704	392.172	856.833	0.672	856.497	G[23]
R[3]	120.738	843.165	837.825	838.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.126	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	620.706	615.367	615.703	615.031	G[16]
L[10]	347.895	601.699	596.359	596.695	596.023	L[15]
G[11]	366.872	564.004	558.665	559.001	558.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.689	317.896	312.527	312.863	312.191	H[7]
R[19]	691.723	272.180	266.841	267.176	266.505	R[6]
K[20]	743.765	220.140	214.807	215.143	214.471	K[5]
V[21]	776.788	168.104	162.765	163.101	162.429	V[4]
L[22]	814.482	135.082	129.742	130.078	129.406	L[3]
R[23]	886.516	97.387	92.047	92.383	91.711	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

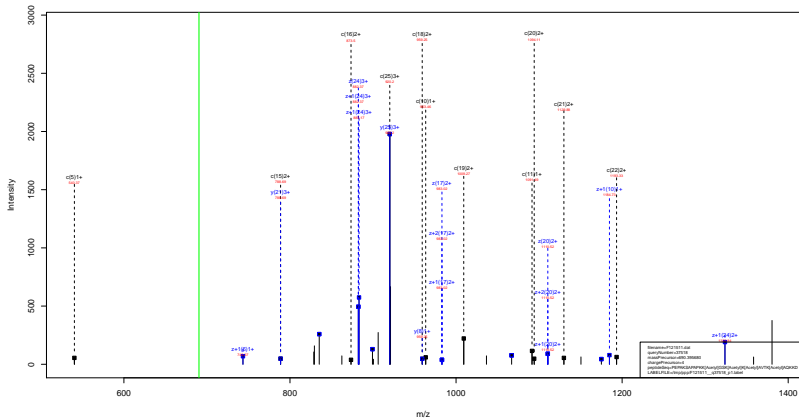
[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGK^{42.01} GGAK^{Acetyl} RHRK^{42.01} Dimethyl^{28.03} VL^{Acetyl}LRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=49.87
- ▶ F121511.dat
- ▶ query=q37334.p1
- ▶ precursor=543.516610
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	679.142	675.137	0.755	674.085	S[24]
G[2]	51.780	546.081	642.076	0.755	642.624	G[23]
R[3]	90.005	632.626	628.621	628.873	628.369	R[22]
G[4]	105.061	593.600	589.596	589.848	589.344	G[21]
K[5]	147.507	579.345	575.340	575.592	575.088	K[20]
G[6]	161.842	536.619	532.614	533.066	532.562	G[19]
G[7]	176.098	522.563	518.558	518.810	518.307	G[18]
K[8]	218.624	508.308	504.303	504.555	504.051	K[17]
G[9]	232.879	495.781	491.777	492.229	491.725	G[16]
L[10]	261.150	451.526	447.521	447.773	447.269	L[15]
G[11]	275.406	423.255	419.250	419.502	418.998	G[14]
K[12]	317.932	409.000	404.995	405.247	404.743	K[13]
G[13]	332.188	366.473	362.469	362.721	362.217	G[12]
G[14]	346.443	352.218	348.213	348.465	347.961	G[11]
A[15]	364.202	337.963	333.958	334.210	333.706	A[10]
K[16]	408.729	320.203	316.199	316.451	315.947	K[9]
R[17]	445.754	277.877	273.672	273.924	273.420	R[8]
H[18]	480.019	238.652	234.647	234.899	234.395	H[7]
R[19]	519.044	204.397	200.392	200.644	200.140	R[6]
K[20]	558.075	185.362	181.357	181.609	181.105	K[5]
V[21]	582.843	126.330	122.325	122.577	122.073	V[4]
L[22]	611.114	101.563	97.558	97.810	97.306	L[3]
R[23]	650.139	73.292	69.287	69.539	69.035	R[2]
D[24]	676.896	34.267	30.262	30.514	30.010	D[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 K Acetyl 42.01 AVTK Acetyl 42.01 AQKKD



sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.81
- ▶ F121511.dat
- ▶ query=q37518.p1
- ▶ precursor=690.395680
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
P1	115.087	2758.546	2742.537	0.000	2741.526	P25
E2	284.129	2001.493	2645.475	0.000	2044.467	E24
P3	341.182	2532.451	2516.432	0.000	2515.424	P23
A4	412.219	2435.398	2419.379	0.000	2418.371	A22
K5	540.314	2364.361	2348.342	2349.350	2347.334	K21
S6	627.346	2236.266	2220.247	2221.255	2219.239	S20
A7	698.283	2149.234	2133.215	2134.223	2132.207	A19
P8	795.436	2078.191	2062.178	2063.186	2061.174	P18
A9	866.473	1981.144	1965.125	1966.133	1964.118	A17
P10	963.526	1910.107	1894.088	1895.096	1893.080	P16
K11	1091.621	1813.054	1797.035	1798.043	1796.028	K15
K12	1261.726	1684.959	1668.940	1669.948	1667.933	K14
G13	1318.748	1514.854	1498.835	1499.843	1497.827	G13
S14	1405.789	1459.832	1443.813	1442.821	1440.805	S12
K15	1575.885	1370.800	1354.781	1355.789	1353.774	K11
K16	1745.991	1200.695	1184.676	1185.684	1183.668	K10
A17	1817.028	1030.589	1014.570	1015.578	1013.563	A9
V18	1916.096	959.552	943.533	944.541	942.525	V8
T19	2017.144	860.484	844.465	845.473	843.457	T7
K20	2187.250	739.436	743.417	744.425	742.409	K6
A21	2259.287	589.335	573.312	574.320	572.304	A5
Q22	2388.345	518.293	502.275	503.282	501.267	Q4
K23	2514.440	390.235	374.216	375.224	373.208	K3
K24	2642.535	262.140	246.121	247.129	245.113	K2
D25	2757.562	134.045	118.026	119.034	117.018	D1

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.81
- ▶ F121511.dat
- ▶ query=q37518_p1
- ▶ precursor=690.395680
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
P	1	58.647	1379.777	1375.767	0.504	1371.263	P[25]
E	3	132.588	1311.250	1323.241	0.504	1322.737	E[24]
P	3	171.095	1256.729	1258.720	0.504	1255.210	P[23]
A	4	206.613	1218.203	1210.193	0.504	1209.689	A[22]
K	5	270.661	1182.684	1174.675	1175.179	1174.171	K[21]
S	6	314.177	1118.637	1110.627	1111.131	1110.123	S[20]
A	7	349.695	1075.121	1067.111	1067.615	1066.607	A[19]
P	8	388.222	1039.602	1031.593	1033.584	1031.069	P[18]
A	9	433.740	991.076	983.066	983.570	982.562	A[17]
P	10	482.267	955.557	947.548	948.052	947.044	P[16]
K	11	566.314	907.031	899.021	899.525	898.517	K[15]
K	12	631.367	842.983	834.974	835.478	834.470	K[14]
Q	13	659.276	797.930	789.921	790.425	789.417	Q[13]
S	14	703.394	729.420	721.410	721.914	720.906	S[12]
K	15	788.446	685.904	677.894	678.398	677.390	K[11]
K	16	873.499	600.851	592.842	593.346	592.338	K[10]
A	17	909.018	515.798	507.789	508.293	507.285	A[9]
V	18	958.552	480.280	472.270	472.774	471.766	V[8]
T	19	1009.076	430.745	422.735	423.240	422.232	T[7]
K	20	1094.128	380.222	372.212	372.716	371.708	K[6]
A	21	1129.647	295.169	287.159	287.663	286.656	A[5]
Q	22	1193.676	269.650	251.641	252.145	251.137	Q[4]
K	23	1257.724	195.621	187.612	188.116	187.108	K[3]
K	24	1321.771	131.574	123.564	124.068	123.060	K[2]
E	25	1379.285	87.528	89.519	89.021	89.013	E[1]

sp | Q6ZWY9 | H2B1C_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 AQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.81
- ▶ F121511.dat
- ▶ query=q37518.p1
- ▶ precursor=690.395680
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
P[3]	39.034	920.187	914.847	0.672	914.511	P[25]
E[2]	82.048	887.836	882.496	0.672	882.160	E[24]
P[3]	114.399	844.822	839.482	0.672	839.145	P[23]
A[4]	138.078	812.471	807.131	0.672	806.795	A[22]
K[5]	180.776	788.792	783.452	783.768	783.116	K[21]
S[6]	209.787	746.094	740.754	741.090	740.418	S[20]
A[7]	233.466	717.081	711.741	712.079	711.407	A[19]
P[8]	265.817	681.404	688.054	688.400	687.728	P[18]
A[9]	289.496	661.051	655.713	656.049	655.377	A[17]
P[10]	321.847	637.374	632.034	632.370	631.698	P[16]
K[11]	364.545	605.023	599.683	600.019	599.347	K[15]
K[12]	421.247	562.325	556.985	557.321	556.649	K[14]
G[13]	440.254	505.023	500.283	500.619	499.947	G[13]
S[14]	469.265	486.616	481.276	481.612	480.940	S[12]
K[15]	525.967	457.605	452.265	452.601	451.929	K[11]
K[16]	582.068	400.901	395.561	395.899	395.228	K[10]
A[17]	606.348	344.201	338.862	339.198	338.526	A[9]
V[18]	639.370	320.522	315.183	315.519	314.847	V[8]
T[19]	673.083	287.499	282.159	282.496	281.824	T[7]
K[20]	729.755	253.817	248.477	248.813	248.141	K[6]
A[21]	753.434	197.115	191.775	192.111	191.439	A[5]
Q[22]	796.120	173.438	168.098	168.432	167.760	Q[4]
K[23]	838.818	130.750	125.410	125.746	125.074	K[3]
K[24]	881.517	88.051	82.712	83.048	82.376	K[2]
D[25]	919.859	45.353	40.014	40.349	39.678	D[1]

sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=51.23
- ▶ F121511.dat
- ▶ query=q5009_p1
- ▶ precursor=476.242470
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
T 1	36.906	0.000	0.000	114.915	0.000	0.000	90.433	0.000	0.000	Q1
A 2	157.114	0.000	0.000	185.126	0.000	0.000	838.304	0.000	0.000	A17
Q 3	285.192	288.190	0.000	313.187	286.180	0.000	767.357	750.330	0.000	Q16
D 4	400.219	393.193	362.208	428.214	411.187	410.203	636.298	622.272	0.000	D15
F 5	547.267	530.261	529.277	575.282	558.256	557.272	524.271	507.245	0.000	F14
R 6	639.308	632.302	615.305	717.393	700.366	699.382	377.203	360.177	0.000	R13
T 7	700.446	773.410	772.435	818.441	801.414	800.430	235.092	0.000	0.000	T12
D 8	805.473	808.448	807.462	831.468	816.441	815.457	134.040	0.000	0.000	D11

sp | P68433 | H31_MOUSE

IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.81
- ▶ F121511.dat
- ▶ query=q5010.p1
- ▶ precursor=476.242480
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	624.271	508.253	509.261	507.245	F 4
K 6	734.420	377.203	361.184	362.192	360.177	K 3
T 7	835.467	235.062	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

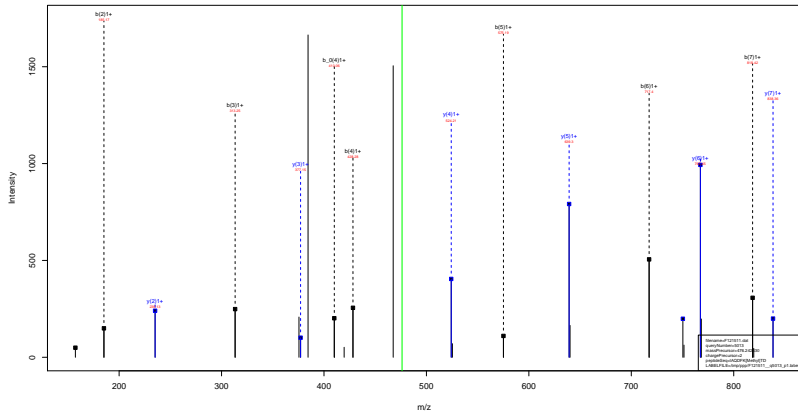
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=67.98
- ▶ F121511.dat
- ▶ query=q5011_p1
- ▶ precursor=476.242480
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a [*]	a,β	b	b [*]	b,β	γ	γ [*]	γ,β	AA
T 1	88.098	0.000	0.000	114.191	0.000	0.000	95.419	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.304	0.000	0.000	A 2
Q 3	285.192	286.186	0.000	313.187	286.186	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	393.193	392.209	428.214	411.197	0.000	410.203	639.298	622.272	D 4
F 5	547.287	540.261	529.271	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	689.356	672.372	671.388	717.393	700.366	699.382	377.303	360.377	359.193	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.446	887.462	913.468	916.441	915.457	138.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

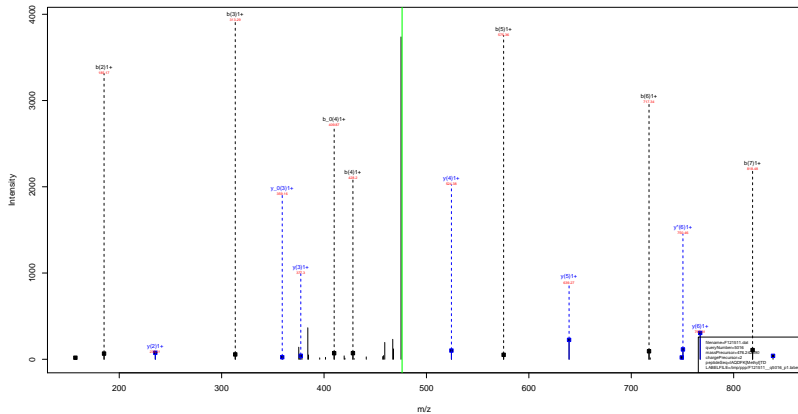
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=52.04
- ▶ F121511.dat
- ▶ query=q5013_p1
- ▶ precursor=476.242530
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
T 1	86.096	0.000	0.000	116.203	0.000	0.000	951.431	0.000	0.000	T 11
A 2	157.134	0.000	0.000	185.128	0.000	0.000	638.304	0.000	0.000	A 7
Q 3	286.192	286.192	0.000	313.187	286.192	0.000	767.357	750.330	0.000	Q 6
D 4	400.219	383.103	382.209	428.214	411.107	410.203	630.298	622.272	0.000	D 9
F 5	547.287	530.261	529.277	576.282	558.256	557.272	524.271	507.245	0.000	F 4
R 6	659.306	622.291	621.306	717.302	700.286	699.301	377.203	360.177	0.000	R 3
T 7	790.448	773.432	772.435	818.441	801.414	800.430	235.002	0.000	0.000	T 2
D 8	905.475	888.459	887.462	933.468	916.441	915.429	134.000	0.000	0.000	D 1

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

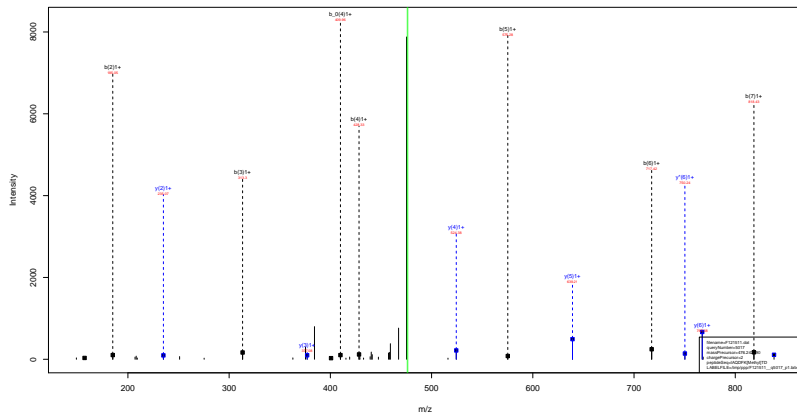
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=59.06
- ▶ F121511.dat
- ▶ query=q5016_p1
- ▶ precursor=476.242590
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y ^a	a,β	b	b ^a	b,β	γ	y ^a	y,β	AA
T 1	88.098	0.000	0.000	114.191	0.000	0.000	95.419	59.484	223.888	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.384	821.382	2620.584	A 2
Q 3	285.192	286.186	0.000	313.187	286.189	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	383.193	382.208	428.214	411.187	0.000	410.203	639.298	622.272	D 4
F 5	547.287	530.261	529.271	575.282	558.256	557.272	524.271	507.245	208.271	F 5
R 6	689.356	672.332	671.348	717.363	700.366	699.382	377.303	360.177	359.193	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.448	887.464	913.468	916.441	915.457	138.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02

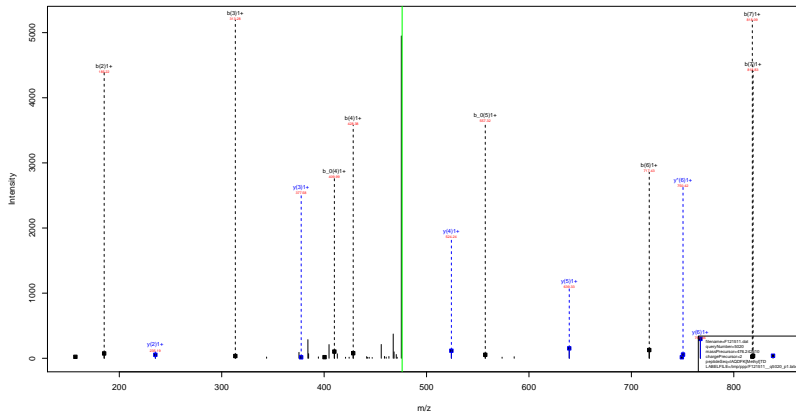


sp | P68433 | H31_MOUSE

IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.40
- ▶ F121511.dat
- ▶ query=q5017_p1
- ▶ precursor=476.242590
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
T 1	86.998	0.000	0.000	116.203	0.000	0.000	951.431	0.000	0.000	T 11
A 2	157.134	0.000	0.000	185.128	0.000	0.000	638.304	0.000	0.000	A 7
Q 3	295.197	268.139	-0.000	313.187	296.169	-0.000	767.357	750.330	0.000	Q 6
D 4	400.219	383.103	382.209	428.214	411.107	410.203	630.298	622.272	0.000	D 9
F 5	547.267	530.261	529.271	576.282	558.256	557.272	524.271	507.245	506.261	F 14
R 6	659.296	672.311	671.361	717.293	700.269	699.285	377.203	360.177	359.193	R 3
T 7	790.448	773.419	772.435	818.441	801.414	800.430	235.002	0.000	0.000	T 2
D 8	925.473	898.449	897.461	933.468	916.441	915.427	134.000	0.000	0.000	D 10



sp | P68433 | H31_MOUSE

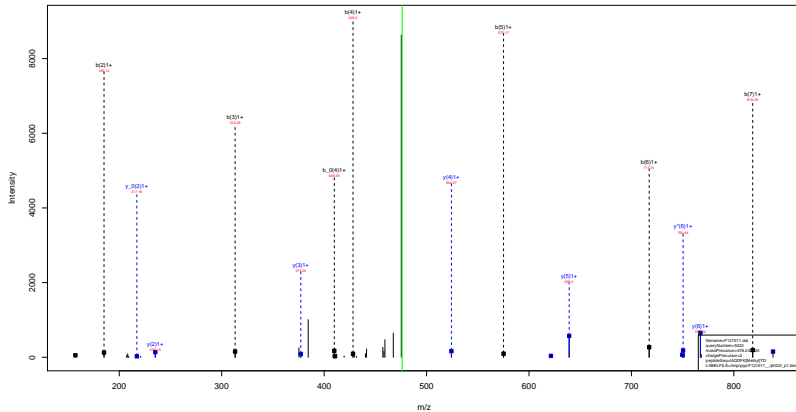
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=34.53
- ▶ F121511.dat
- ▶ query=q5020_p1
- ▶ precursor=476.242610
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA
T 1	88.098	0.000	0.000	114.191	0.000	0.000	0.000	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.384	0.000	0.000	A 2
Q 3	288.192	288.192	0.000	313.187	288.192	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	383.193	383.208	426.214	411.197	0.000	410.203	639.298	622.272	D 4
F 5	547.287	530.261	529.274	539.272	558.256	0.000	557.272	524.271	507.245	F 5
R 6	689.356	672.332	671.345	717.363	700.346	0.000	377.203	360.177	359.193	R 6
T 7	790.446	773.429	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
D 8	905.473	888.448	887.462	913.468	916.441	915.457	138.040	0.000	116.034	D 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

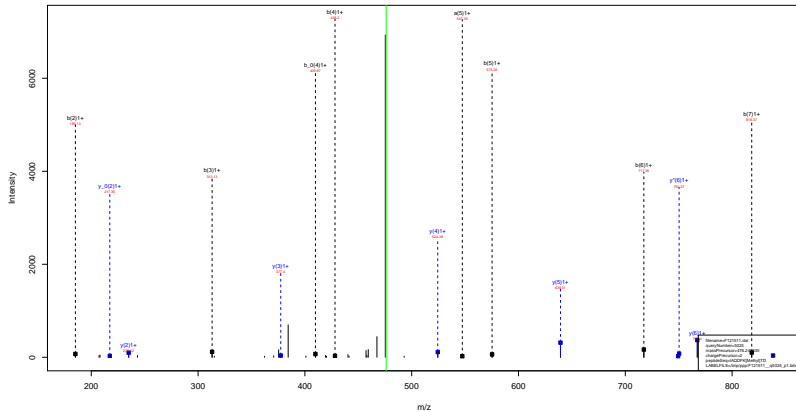
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.99
- ▶ F121511.dat
- ▶ query=q5022_p1
- ▶ precursor=476.242620
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
T 1	46.098	0.000	0.000	114.098	0.000	0.000	901.416	109.404	213.989	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.384	821.384	620.384	A 2
Q 3	286.192	286.189	0.000	313.187	296.189	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	362.209	428.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	540.283	529.277	575.282	558.256	557.252	524.271	507.245	506.261	F 5
R 6	689.366	672.372	671.368	717.363	700.369	699.362	377.263	360.177	359.183	R 6
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.449	887.462	931.468	916.441	915.457	134.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02

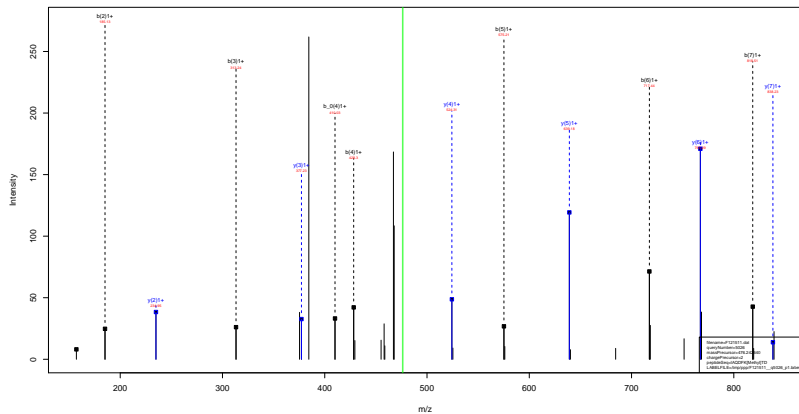


sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=47.88
- ▶ F121511.dat
- ▶ query=q5025_p1
- ▶ precursor=476.242630
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y ^a	a,b	b	b ^a	b,b ^a	γ	y ^a	y,b	AA
T 1	56.266	0.000	0.000	114.191	0.000	0.000	0.000	91.417	114.191	T 1
A 2	157.134	0.000	0.000	185.126	0.000	0.000	838.304	921.392	185.126	A 2
Q 3	285.192	286.186	0.000	313.187	286.186	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	383.193	382.209	426.214	411.197	0.000	410.203	639.296	622.272	D 4
F 5	547.287	530.261	529.277	575.282	558.256	557.272	524.271	567.245	506.261	F 5
R 6	659.299	632.272	631.288	671.293	654.266	653.282	377.203	360.177	659.193	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.446	887.462	913.468	916.441	915.457	138.040	0.000	116.034	G 8

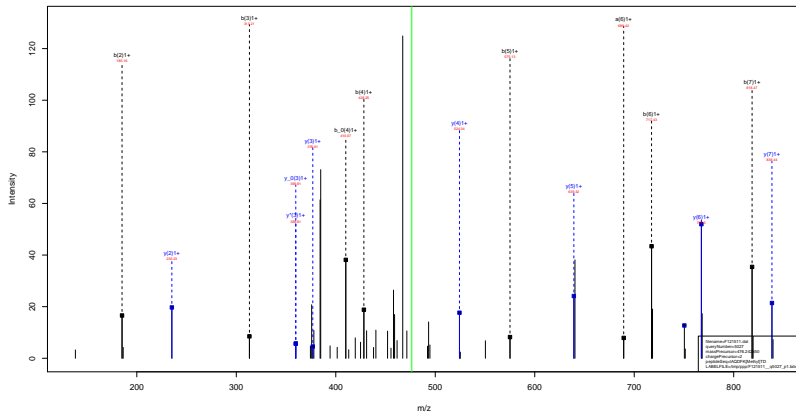


sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=57.53
- ▶ F121511.dat
- ▶ query=q5026.p1
- ▶ precursor=476.242640
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y*	aΔ	b	b*	bΔ	x	y*	yΔ	AA
T 1	86.096	0.000	-0.000	114.071	0.000	0.000	831.471	914.402	213.930	Q1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.394	923.360	85.966	A17
Q 3	285.192	288.186	-0.000	313.187	206.180	-0.000	767.357	750.339	169.018	Q16
D 4	400.219	383.193	167.200	428.214	411.197	416.203	630.298	622.277	82.021	D15
F 5	547.287	530.261	5.200	575.282	558.256	157.272	524.271	507.245	168.026	F14
R 6	659.306	672.313	-9.710	717.303	700.286	169.312	377.283	360.277	169.006	R13
T 7	790.446	773.419	172.435	818.441	801.414	169.430	235.092	0.000	217.092	T12
D 8	905.473	888.446	167.465	933.466	916.441	167.457	134.045	0.000	216.034	D11



sp | P68433 | H31_MOUSE

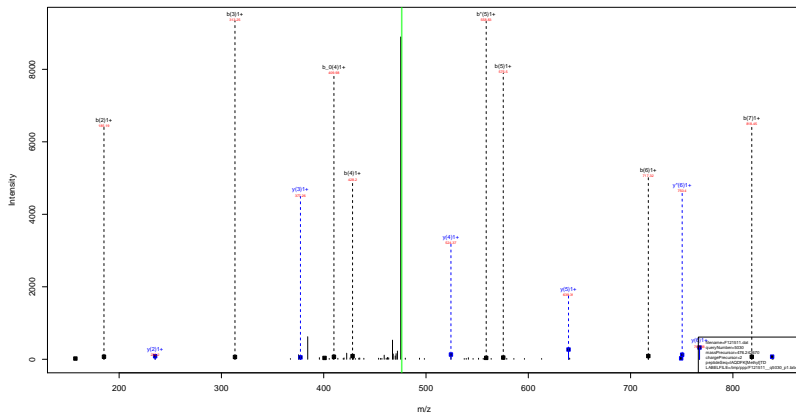
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=43.64
- ▶ F121511.dat
- ▶ query=q5027_p1
- ▶ precursor=476.242650
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y ^a	a,β	b	b ^a	b,β	γ	y ^a	y,β	AA
T 1	56.266	0.000	0.000	114.191	0.000	0.000	91.417	336.464	423.368	T 1
A 2	157.134	0.000	0.000	185.126	0.000	0.000	838.304	921.392	1020.584	A 2
Q 3	285.192	286.186	0.000	313.187	286.186	0.000	767.357	750.330	749.346	Q 3
D 4	403.219	383.193	382.208	428.214	411.187	0.000	410.203	639.298	622.272	D 4
F 5	454.287	340.261	328.271	575.282	358.256	357.272	524.271	590.245	400.291	F 5
H 6	689.298	672.272	671.288	717.293	700.266	699.282	377.203	360.177	359.193	H 6
I 7	190.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	221.082	I 7
G 8	305.472	888.448	887.464	933.468	916.441	915.457	138.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

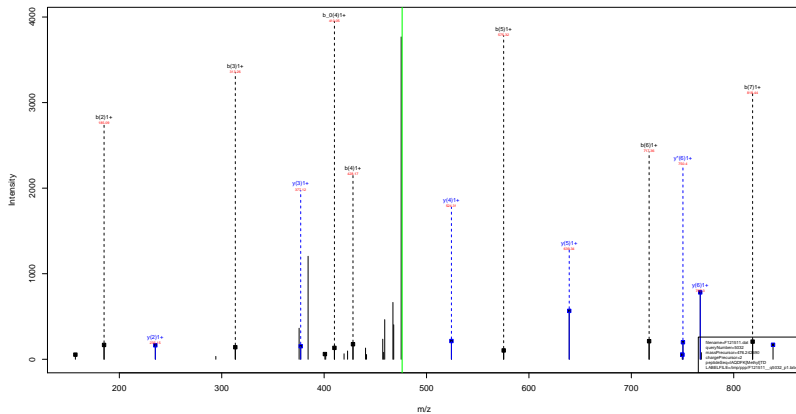
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.27
- ▶ F121511.dat
- ▶ query=q5030_p1
- ▶ precursor=476.242670
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
T 1	46.998	0.000	0.000	114.098	0.000	0.000	901.416	109.404	1213.668	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.384	821.366	1020.384	A 2
Q 3	286.192	286.186	0.000	313.187	296.160	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	362.209	428.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	540.261	529.277	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	689.356	672.332	671.366	717.363	707.369	699.362	377.263	360.177	359.193	R 6
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	237.082	T 7
G 8	905.473	880.449	887.462	933.468	916.441	915.457	134.040	0.000	136.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

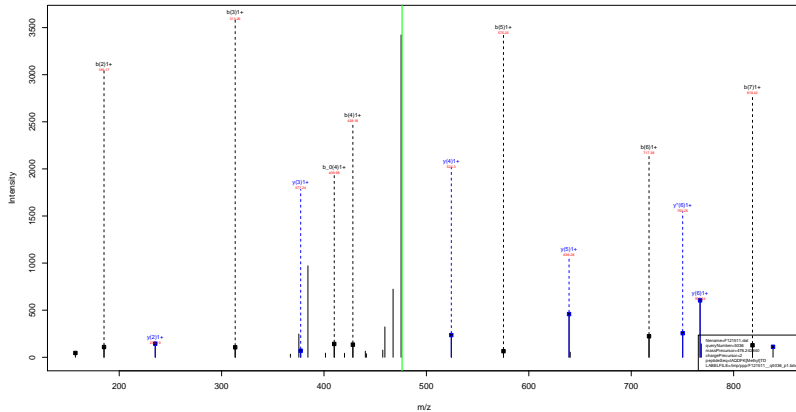
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=53.28
- ▶ F121511.dat
- ▶ query=q5032_p1
- ▶ precursor=476.242690
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y ^a	a,b	b	b ^a	b,y	γ	y ^a	y,b	AA
T 1	46.096	0.000	0.000	114.191	0.000	0.000	0.000	361.416	316.466	T 10
A 2	157.134	0.000	0.000	185.126	0.000	0.000	838.304	821.366	620.584	A 7
Q 3	286.197	286.196	0.000	313.187	286.190	0.000	767.357	750.330	749.346	Q 6
D 4	400.219	383.197	382.200	426.214	411.197	0.000	410.203	639.296	622.272	D 5
F 5	547.287	530.261	529.271	575.282	558.256	557.272	524.271	507.245	506.261	F 4
R 6	689.356	672.372	671.368	717.363	700.366	699.382	377.303	360.377	359.193	R 3
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 2
G 8	905.473	888.448	887.464	913.468	916.441	915.457	138.040	0.000	116.034	G 1

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=52.37
- ▶ F121511.dat
- ▶ query=q5036.p1
- ▶ precursor=476.242840
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a.Δ	b	b*	b.Δ	y	y*	y.Δ	AA
T 1	86.096	0.000	0.000	116.203	0.000	0.000	921.431	0.000	0.000	T 11
A 2	157.134	0.000	0.000	185.128	0.000	0.000	638.304	0.000	0.000	A 7
Q 3	285.192	288.189	-0.000	313.187	286.189	0.000	767.357	756.330	0.000	Q 6
D 4	409.219	383.193	260.209	428.214	411.197	410.203	630.298	622.272	0.000	D 5
F 5	547.287	530.261	529.271	576.282	558.256	557.272	524.271	507.245	0.000	F 4
R 6	659.306	672.311	671.306	717.303	700.309	699.303	377.203	360.177	0.000	R 3
T 7	790.448	773.419	772.435	818.441	801.414	800.430	235.002	0.000	0.000	T 2
D 8	925.473	888.448	887.461	933.468	916.441	915.429	134.000	0.000	0.000	D 1

sp | P68433 | H31_MOUSE

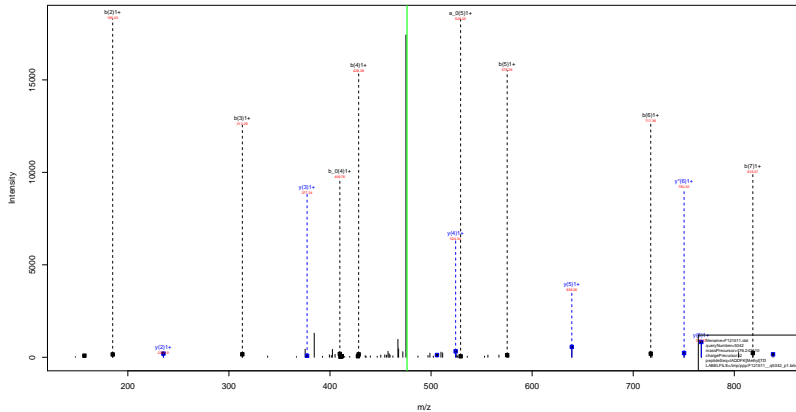
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=42.48
- ▶ F121511.dat
- ▶ query=q5041_p1
- ▶ precursor=476.242970
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA
T 1	88.098	0.000	0.000	114.191	0.000	0.000	961.419	919.464	6213.668	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.304	821.365	4620.584	A 2
Q 3	285.192	286.186	0.000	313.187	296.180	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	393.193	382.209	428.214	411.197	0.000	410.203	639.298	622.272	D 4
F 5	547.287	540.261	529.271	575.282	558.256	557.272	524.271	507.245	508.261	F 5
R 6	689.356	672.372	673.368	717.363	700.366	699.382	377.303	360.377	359.193	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.448	887.464	913.468	916.441	915.457	138.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

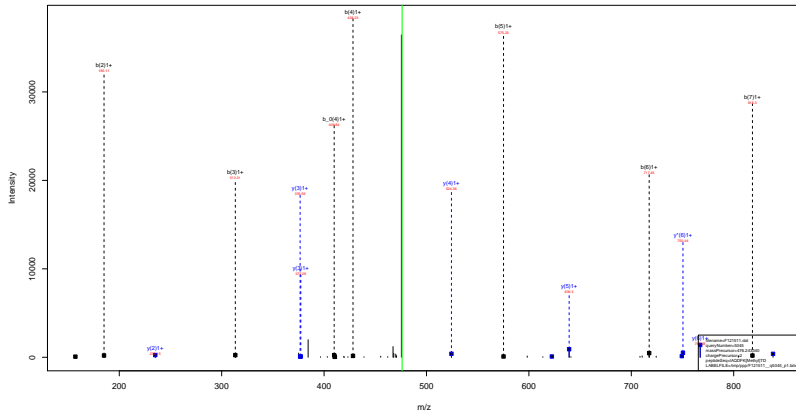
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=34.22
- ▶ F121511.dat
- ▶ query=q5042_p1
- ▶ precursor=476.243110
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a:0	b	b*	b:0	y	y*	y:0	AA
T 1	48.208	0.000	0.000	114.091	0.000	0.000	951.413	0.000	0.000	18
A 2	157.134	0.000	0.000	185.126	0.000	0.000	618.304	0.000	0.000	57
Q 3	285.192	285.190	0.000	313.187	296.180	0.000	767.357	750.330	749.348	Q6
L 4	400.219	393.193	397.200	428.214	411.187	410.203	630.290	622.277	621.289	L5
F 5	547.287	530.281	529.277	575.282	558.256	557.272	524.271	507.245	506.261	F4
R 6	698.298	679.283	674.286	717.293	700.266	698.282	371.203	363.177	364.193	R3
T 7	790.446	775.419	772.431	818.441	801.414	800.430	235.092	0.000	217.082	T2
L 8	905.473	880.440	887.450	915.468	916.441	915.457	134.040	0.000	116.034	L0

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IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

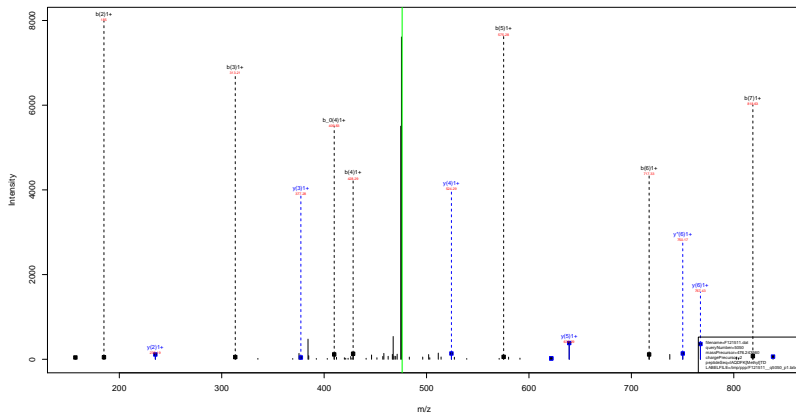
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.88
- ▶ F121511.dat
- ▶ query=q5045_p1
- ▶ precursor=476.243340
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
T 1	46.998	0.000	0.000	114.094	0.000	0.000	901.416	109.404	121.988	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.354	821.362	820.384	A 2
Q 3	285.192	286.188	0.000	313.187	296.160	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	382.209	478.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	545.283	549.277	575.282	558.256	557.252	524.271	507.245	506.261	F 5
R 6	659.356	672.372	671.368	717.393	700.369	699.362	377.263	360.277	359.193	R 6
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	237.082	T 7
G 8	905.473	888.449	887.462	933.468	916.441	915.457	134.040	0.000	136.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

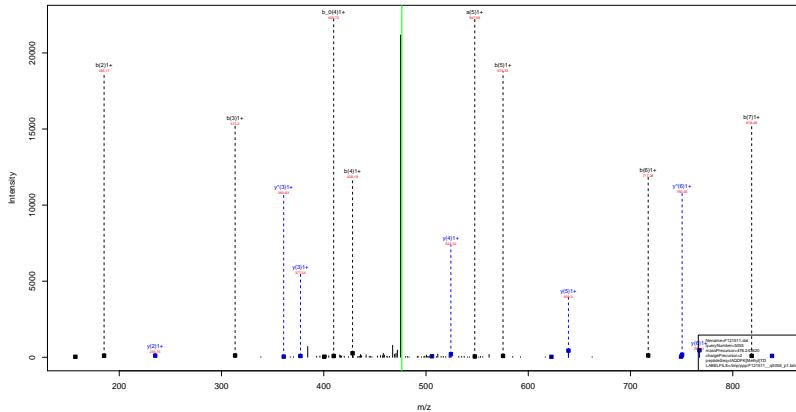
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=39.12
- ▶ F121511.dat
- ▶ query=q5050_p1
- ▶ precursor=476.243560
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y ^a	a,β	b	b ^a	b,β	γ	y ^a	y,β	AA
T 1	48.098	0.000	0.000	114.191	0.000	0.000	90.419	219.484	223.488	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.384	821.382	820.384	A 2
Q 3	285.192	286.186	0.000	313.187	286.189	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	383.193	382.209	428.214	411.187	410.203	639.298	622.272	621.288	D 4
F 5	547.287	530.261	529.277	575.282	558.256	557.272	524.271	507.245	506.261	F 5
H 6	689.356	672.332	671.348	717.363	700.366	699.382	377.203	360.177	359.193	H 6
I 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	I 7
G 8	905.473	888.448	887.464	913.468	916.441	915.457	138.040	0.000	116.034	G 8

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IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

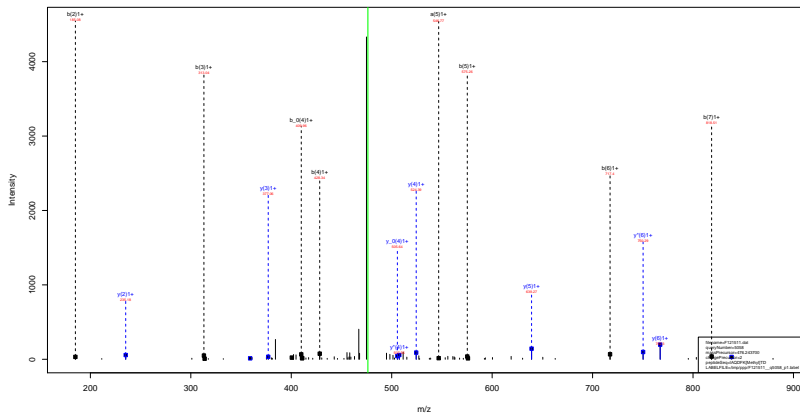
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=38.28
- ▶ F121511.dat
- ▶ query=q5055_p1
- ▶ precursor=476.243620
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,β	b	b*	b,β	γ	γ*	γ,β	AA	
T 1	88.098	0.000	0.000	114.191	0.000	0.000	0.000	961.416	338.464	223.888	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	0.000	838.384	821.384	462.384	A 2
Q 3	288.192	288.192	0.000	313.187	288.192	0.000	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	383.193	383.209	438.214	411.187	410.203	639.298	622.272	621.288	D 5	
F 5	547.287	530.261	529.277	575.282	558.256	557.272	524.271	520.245	506.261	F 5	
R 6	689.296	672.270	671.286	717.293	700.266	699.282	377.203	360.177	359.193	R 6	
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7	
G 8	905.473	888.446	887.462	933.468	916.441	915.457	138.040	0.000	116.034	G 8	

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

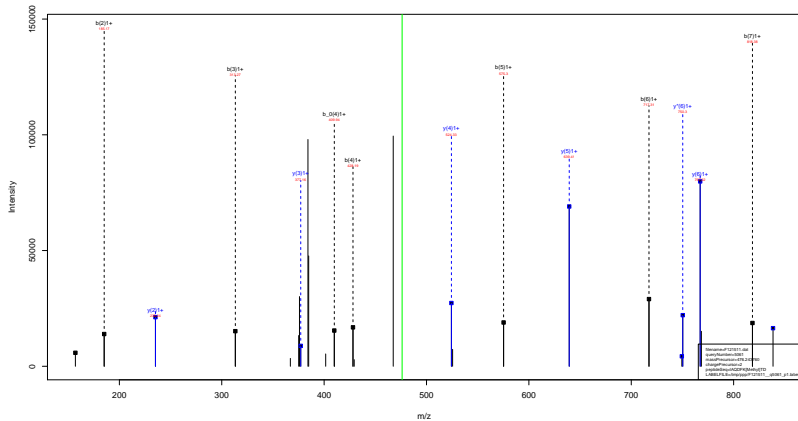
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=36.67
- ▶ F121511.dat
- ▶ query=q5058_p1
- ▶ precursor=476.243700
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
T 1	56.298	0.000	0.000	114.596	0.000	0.000	901.414	109.454	113.968	T 0
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.354	821.362	820.385	A 0
Q 3	285.192	286.189	0.000	313.187	296.160	0.000	767.357	750.330	749.345	Q 0
G 4	400.219	393.193	382.209	428.214	411.187	410.203	636.298	622.272	621.289	G 0
F 5	547.287	540.261	529.277	575.282	558.256	557.272	524.271	507.245	506.261	F 0
R 6	679.289	672.272	671.269	717.293	700.269	699.262	377.293	366.277	359.193	R 0
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	227.082	T 0
G 8	905.473	889.449	887.462	933.468	916.441	915.457	134.040	0.000	116.034	G 0

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=59.33
- ▶ F121511.dat
- ▶ query=q5061.p1
- ▶ precursor=476.243760
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y ^a	a,b	b	b ^a	b,y	γ	y ^a	y,b	AA
T 1	46.096	0.000	0.000	114.191	0.000	0.000	95.417	216.462	223.468	T 1
A 2	157.134	0.000	0.000	185.126	0.000	0.000	838.304	921.392	1020.584	A 2
Q 3	285.192	286.186	0.000	313.187	286.186	0.000	767.357	750.330	749.346	Q 3
D 4	400.219	383.193	382.208	428.214	411.187	0.000	410.203	639.298	622.272	D 4
F 5	547.287	530.261	529.271	575.282	558.256	557.272	524.271	567.245	508.261	F 5
R 6	689.356	672.332	671.348	717.363	700.366	699.382	377.303	386.377	359.193	R 6
T 7	790.446	773.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	888.448	887.462	913.468	916.441	915.457	138.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

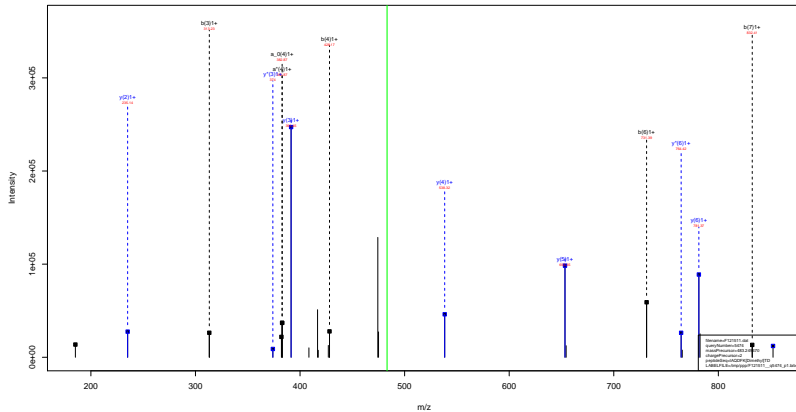
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=62.71
- ▶ F121511.dat
- ▶ query=q5065_p1
- ▶ precursor=476.243910
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
T 1	86.096	0.000	0.000	116.203	0.000	0.000	951.431	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	638.304	0.000	0.000	A 7
Q 3	286.192	286.192	0.000	313.187	286.192	0.000	767.357	750.330	0.000	Q 6
D 4	409.219	383.103	382.209	428.214	411.107	410.203	630.298	622.272	0.000	D 5
F 5	547.287	530.261	529.277	576.282	558.256	557.272	524.271	507.245	0.000	F 4
R 6	659.306	622.291	621.387	717.302	700.286	699.287	377.203	360.177	0.000	R 3
T 7	790.448	773.419	772.435	818.441	801.414	800.430	235.002	0.000	0.000	T 2
D 8	925.473	888.458	887.463	933.468	916.441	915.427	134.000	0.000	0.000	D 1

sp | P68433 | H31_MOUSE

IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=61.72
- ▶ F121511.dat
- ▶ query=q5474.p1
- ▶ precursor=483.249470
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	aβ	b	b*	bβ	y	y*	yβ	AA
T 1	386.098	0.000	-0.000	114.101	0.000	0.000	652.410	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	652.410	0.000	0.000	A 2
Q 3	285.192	288.139	0.000	313.187	296.169	0.000	781.373	764.346	0.000	Q 3
D 4	400.219	383.193	382.208	428.214	411.187	430.203	653.314	636.280	635.214	D 4
F 5	547.267	530.261	525.277	515.262	538.256	557.272	538.267	540.261	538.277	F 5
H 6	713.414	695.397	695.403	711.409	714.392	713.398	391.219	374.192	0.000	H 6
T 7	804.461	787.435	786.451	832.456	815.430	814.446	235.092	0.000	217.082	T 7
D 8	819.488	802.460	801.476	847.485	830.457	829.473	134.049	0.000	116.034	D 8

sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=62.58
- ▶ F121511.dat
- ▶ query=q5475_p1
- ▶ precursor=483.249640
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a.0	b	b*	b.0	y	y*	y.0	AA
T 1	86.998	0.000	0.000	124.000	0.000	0.000	483.249	483.249	483.249	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	852.410	852.410	852.410	A 2
Q 3	285.192	268.166	0.000	313.187	296.160	0.000	781.373	764.346	763.362	Q 3
D 4	400.219	383.193	382.208	428.214	411.187	410.201	653.314	636.288	635.304	D 4
F 5	547.287	530.261	529.277	575.282	558.256	557.272	538.287	521.261	520.277	F 5
R 6	703.414	686.387	685.403	731.409	714.383	713.398	301.219	284.193	283.208	R 6
I 7	804.461	787.435	786.451	832.456	815.430	814.446	235.092	0.000	217.062	I 7
G 8	919.488	902.462	901.478	947.483	930.457	929.473	134.060	0.000	116.034	G 8

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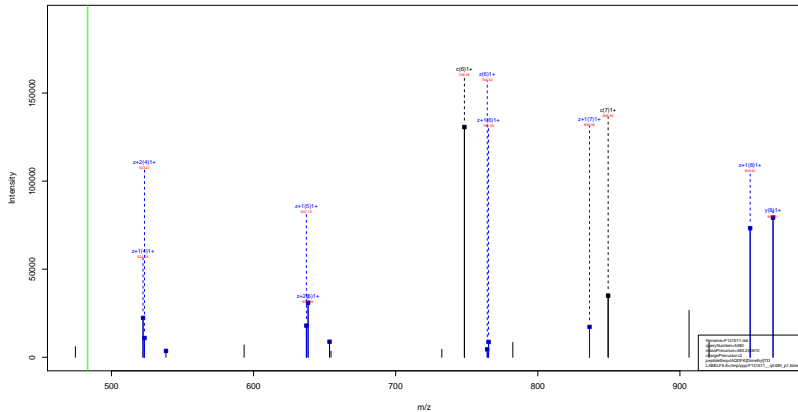
IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.25
- ▶ F121511.dat
- ▶ query=q5476.p1
- ▶ precursor=483.249640
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
K 6	748.435	391.219	375.200	376.208	374.192	K 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1

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IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

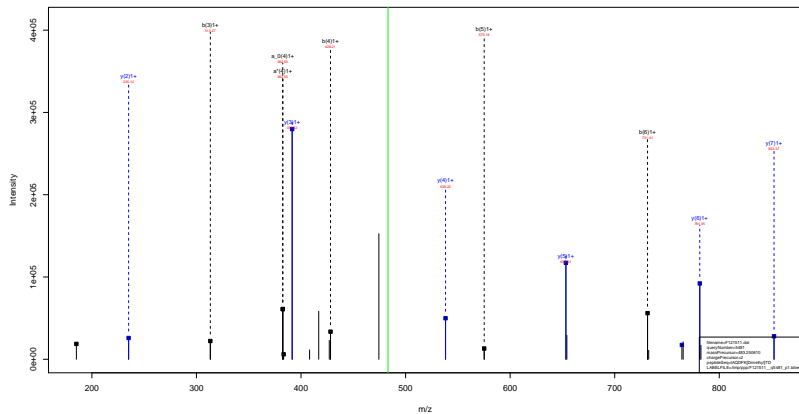
IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.75
- ▶ F121511.dat
- ▶ query=q5480.p1
- ▶ precursor=483.250610
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
R 6	748.435	901.219	875.200	876.208	874.192	R 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.028	119.034	117.018	D 1

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IAQDFK^{Dimethyl}TD
28.03



sp | P68433 | H31_MOUSE

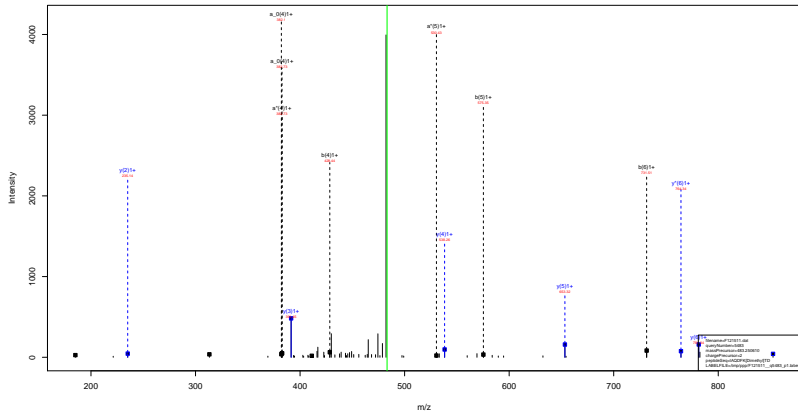
IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=65.55
- ▶ F121511.dat
- ▶ query=q5481_p1
- ▶ precursor=483.250610
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	aβ	b	b*	bβ	y	y*	yβ	AA
T 1	386.098	0.000	-0.000	114.101	0.000	0.000	658.437	948.481	104.483	T11
A 2	157.134	0.000	0.000	185.128	0.000	0.000	652.410	875.351	834.335	A71
Q 3	285.192	288.138	0.000	313.187	296.169	0.000	781.373	764.346	753.362	Q16
D 4	400.219	383.193	387.208	428.214	411.187	440.203	653.314	636.288	635.314	D15
F 5	347.267	330.261	525.277	575.282	538.256	357.272	538.287	524.261	530.277	F14
R 6	713.414	695.397	925.401	731.409	714.382	713.398	391.219	374.192	373.208	R13
T 7	104.461	187.435	198.451	652.455	615.430	814.446	235.092	0.000	217.082	T12
D 8	419.488	402.469	601.449	847.483	830.467	609.473	134.049	0.000	116.034	D11

sp | P68433 | H31_MOUSE

IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

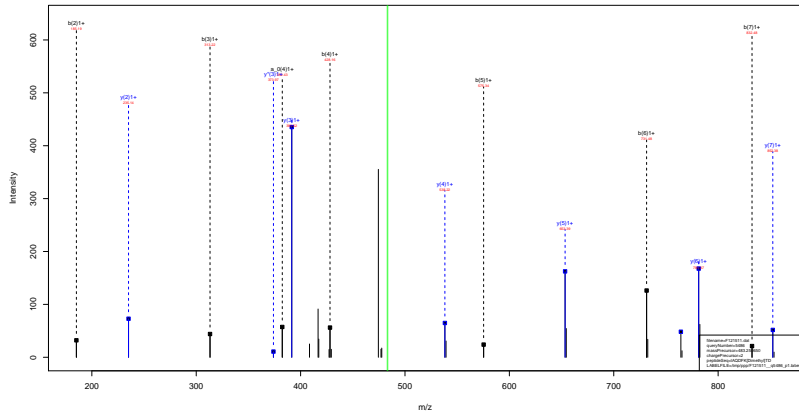
IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=47.68
- ▶ F121511.dat
- ▶ query=q5483_p1
- ▶ precursor=483.250610
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,b	b	b*	b,y	y	y*	y,b	AA
T 1	381.098	0.000	0.000	114.101	0.000	0.000	465.199	0.000	465.199	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	852.410	0.000	852.410	A 2
Q 3	285.192	286.186	0.000	313.187	296.180	0.000	781.373	764.346	783.362	Q 3
D 4	600.219	383.193	382.208	428.214	411.187	410.201	653.314	656.280	635.294	D 4
F 5	347.267	530.261	529.277	575.262	566.256	557.272	538.267	541.261	520.277	F 5
R 6	113.414	600.287	600.461	731.409	724.353	713.368	301.219	304.193	312.208	R 6
T 7	304.461	781.435	786.451	832.458	825.430	814.446	235.092	0.000	237.082	T 7
G 8	103.488	902.469	901.470	947.485	939.457	929.473	134.069	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=64.72
- ▶ F121511.dat
- ▶ query=q5486.p1
- ▶ precursor=483.250650
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
T 1	36.908	1.03	0.00	114.071	0.00	0.00	961.431	943.461	17.970	Q1
A 2	157.114	0.00	0.00	185.128	0.00	0.00	852.410	875.361	23.951	A17
Q 3	285.192	288.180	0.00	313.187	206.180	0.00	781.373	764.346	17.027	Q16
D 4	400.219	381.193	382.208	428.214	411.187	410.203	653.314	636.288	17.026	D15
F 5	547.287	530.261	529.277	515.282	550.256	557.272	538.287	521.261	17.027	F14
R 6	693.414	606.387	625.401	711.409	714.382	713.398	391.219	374.192	17.027	R13
T 7	804.461	797.435	796.451	832.456	815.430	814.446	235.092	0.00	217.082	T12
D 8	919.488	902.462	901.478	947.483	930.457	929.473	134.040	0.00	116.034	D11

sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.14
- ▶ F121511.dat
- ▶ query=q5492_p1
- ▶ precursor=483.250760
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y*	a:d	b	b*	b:d	y	y*	y:d	AA
T 1	36.976	0.000	0.000	114.001	0.000	0.000	205.967	0.000	242.463	Q1
A 2	157.114	0.000	0.000	195.120	0.000	0.000	352.410	0.000	334.305	A7
Q 3	285.192	288.194	0.000	313.187	296.180	0.000	781.373	784.366	763.362	Q6
D 4	400.219	383.193	382.208	426.214	411.187	410.203	653.314	656.280	635.314	D5
F 5	547.267	530.261	529.277	515.262	598.256	587.272	538.287	527.261	520.277	F4
R 6	703.414	685.407	685.403	731.409	714.392	713.398	301.219	314.192	319.206	R3
T 7	804.461	787.455	786.451	832.456	815.450	814.446	235.092	0.000	217.082	T2
D 8	919.488	902.482	901.478	947.483	930.457	929.473	134.045	0.000	116.034	D1

sp | P68433 | H31_MOUSE

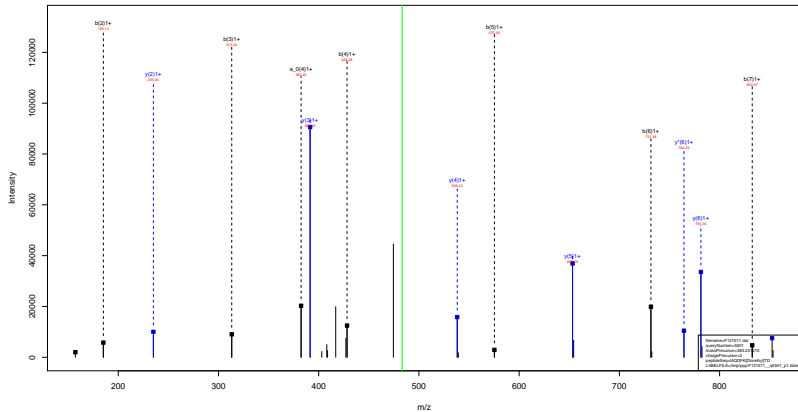
IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=40.08
- ▶ F121511.dat
- ▶ query=q5500.p1
- ▶ precursor=483.251210
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
K 6	748.435	391.219	375.200	376.208	374.192	K 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=62.11
- ▶ F121511.dat
- ▶ query=q5501.p1
- ▶ precursor=483.251210
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	aβ	b	b*	bβ	y	y*	yβ	AA
T 1	86.996	0.000	-0.000	114.101	0.000	0.000	652.410	652.410	652.410	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	652.410	652.410	652.410	A 2
Q 3	295.192	295.192	0.000	313.187	296.169	0.000	781.373	781.373	781.373	Q 3
D 4	400.219	383.103	382.208	428.214	411.187	430.203	653.314	636.288	635.244	D 4
F 5	547.287	530.261	525.217	575.282	558.256	557.212	538.287	524.261	520.217	F 5
H 6	703.434	685.397	685.461	711.400	714.362	713.366	391.219	394.181	379.206	H 6
T 7	804.461	787.435	786.431	832.456	815.430	814.446	235.092	0.000	217.082	T 7
D 8	919.488	892.462	891.458	947.483	930.457	929.473	134.049	0.000	116.034	D 8

sp | P68433 | H31_MOUSE

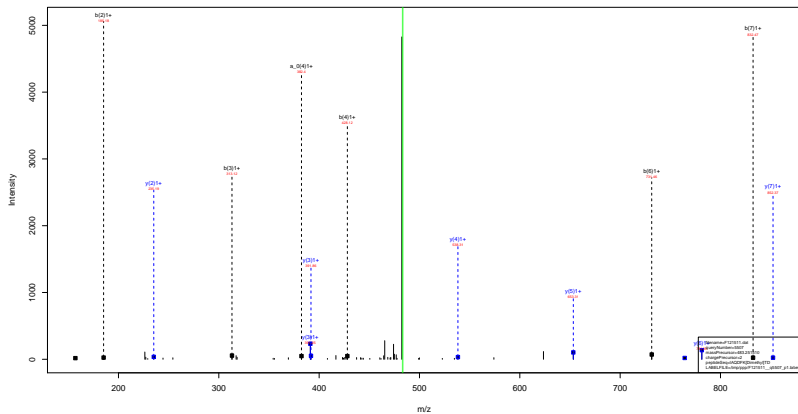
IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.21
- ▶ F121511.dat
- ▶ query=q5504.p1
- ▶ precursor=483.251350
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
R 6	748.435	901.219	375.200	376.208	374.192	R 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.028	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=37.58
- ▶ F121511.dat
- ▶ query=q5507.p1
- ▶ precursor=483.251510
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	aβ	b	b*	bβ	y	y*	yβ	AA
T 1	86.996	0.000	-0.000	114.101	0.000	0.000	652.410	652.410	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	652.410	652.410	0.000	A 2
Q 3	295.197	295.195	0.000	313.187	296.169	0.000	781.373	781.373	0.000	Q 3
D 4	400.219	383.103	387.208	428.214	411.187	430.203	653.314	636.288	635.214	D 4
F 5	547.287	530.261	525.277	575.282	558.256	557.272	530.287	524.261	520.277	F 5
H 6	703.434	685.397	675.463	711.409	714.382	713.398	391.219	394.192	377.206	H 6
T 7	804.461	787.435	786.451	832.456	835.430	834.446	235.092	0.000	217.082	T 7
D 8	919.488	892.460	891.476	947.485	930.457	929.473	134.049	0.000	116.034	D 8

sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=41.64
- ▶ F121544.dat
- ▶ query=q4172.p1
- ▶ precursor=483.250480
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
K 6	748.435	391.219	375.200	376.208	374.192	K 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

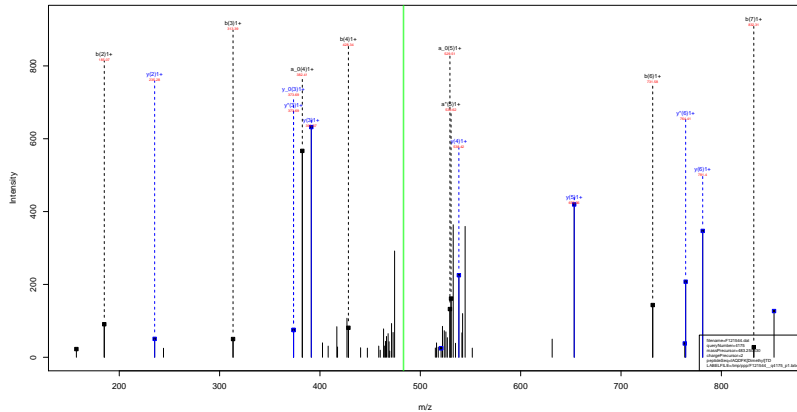
IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=40.58
- ▶ F121544.dat
- ▶ query=q4173.p1
- ▶ precursor=483.250480
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y ⁿ	aβ	b	b ⁿ	bβ	γ	y ⁿ	yβ	AA
T 1	381.098	0.000	0.000	114.101	0.000	0.000	966.496	342.488	244.483	T 1
A 2	127.134	0.000	0.000	185.128	0.000	0.000	852.410	835.363	204.390	A 2
Q 3	285.192	286.186	0.000	313.187	206.180	0.000	781.373	764.346	763.362	Q 3
D 4	400.219	363.193	382.208	428.214	311.187	410.203	653.314	636.289	635.304	D 4
F 5	347.267	530.261	529.277	530.260	550.256	557.272	538.387	521.261	520.277	F 5
R 6	103.414	600.387	600.401	731.409	714.382	713.399	391.210	374.192	373.208	R 6
I 7	304.461	181.435	186.451	832.458	815.430	814.446	235.092	0.000	217.082	I 7
G 8	103.408	602.400	601.410	947.403	930.407	929.413	138.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=52.19
- ▶ F121544.dat
- ▶ query=q4175_p1
- ▶ precursor=483.250530
- ▶ chargePrecursor=2
- ▶ itol=0.7

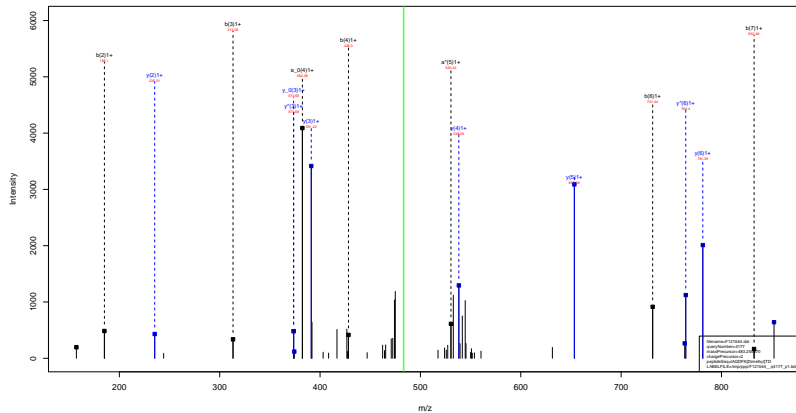
AA	a	y*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
T 1	46.998	0.000	0.000	124.998	0.000	0.000	959.998	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	852.410	0.000	0.000	A 2
Q 3	286.192	286.192	0.000	313.187	286.192	0.000	781.373	764.346	763.362	Q 3
D 4	400.219	400.219	382.208	428.214	411.187	440.203	653.314	659.289	636.304	D 4
F 5	547.287	530.261	529.277	512.252	530.256	557.232	538.287	521.261	520.277	F 5
H 6	713.414	713.414	695.403	731.409	714.382	733.388	391.213	374.192	373.208	H 6
T 7	804.461	787.435	786.451	832.456	815.430	834.446	235.092	0.000	237.082	T 7
G 8	916.488	902.462	901.439	947.465	930.457	929.473	134.040	0.000	136.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.25
- ▶ F121544.dat
- ▶ query=q4176_p1
- ▶ precursor=483.250670
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	538.287	522.268	523.276	521.261	F 4
K 6	748.435	391.219	375.200	376.208	374.192	K 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1



sp | P68433 | H31_MOUSE

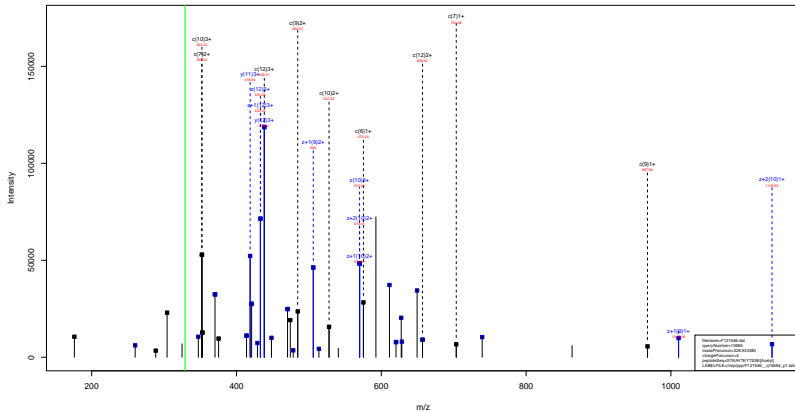
IAQDFK^{Dimethyl}TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.14
- ▶ F121544.dat
- ▶ query=q4177.p1
- ▶ precursor=483.250670
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y*	aΔ	b	b*	bΔ	y	y*	yΔ	AA
T 1	46.298	0.000	0.000	124.195	0.000	0.000	462.444	462.444	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	852.410	852.410	0.000	A 2
Q 3	286.192	286.192	0.000	313.187	286.160	0.000	781.373	764.346	763.362	Q 3
D 4	400.219	401.193	882.208	428.214	411.187	440.203	653.314	659.289	635.304	D 4
F 5	547.287	536.261	545.277	575.292	558.296	567.292	538.287	542.281	528.277	F 5
R 6	713.414	695.417	626.413	721.409	714.392	713.388	391.219	374.192	373.208	R 6
T 7	804.461	797.435	786.431	832.456	815.430	814.446	235.092	0.000	237.082	T 7
G 8	916.488	907.482	861.478	947.483	930.457	929.473	134.040	0.000	116.034	G 8

sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSK ^{Acetyl}
42.01



sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.88
- ▶ F121546.dat
- ▶ query=q15684_p1
- ▶ precursor=328.933380
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
Q	121.055	1312.711	1206.692	0.000	1295.694	Q
T	174.103	1255.989	1239.671	0.000	1238.963	T
K	304.198	1154.642	1138.621	1139.631	1137.615	K
A	375.235	1026.947	1010.528	1011.536	1009.520	A
V	474.303	955.509	939.491	940.499	938.483	V
T	575.351	856.441	840.422	841.430	839.415	T
K	703.446	755.303	739.375	740.382	738.367	K
V	860.507	627.298	611.280	612.288	610.272	V
V	967.557	474.235	448.216	449.224	447.209	V
S	1054.589	363.187	347.169	348.177	346.161	S
S	1141.621	276.155	260.137	261.144	259.129	S
K	1311.727	189.123	173.105	174.112	172.097	K

sp | P70696 | H2B1A_MOUSE

GTKAVTKYTSSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.88
- ▶ F121546.dat
- ▶ query=q15684_p1
- ▶ precursor=328.933380
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
G [1]	38.031	656.859	648.850	0.504	648.346	G [2]
T [2]	88.555	628.148	620.139	0.504	619.835	T [1]
K [3]	152.603	577.824	569.815	570.319	569.311	K [10]
A [4]	188.121	513.777	505.768	506.271	505.264	A [9]
V [5]	237.695	478.258	470.249	470.753	469.745	V [8]
T [6]	288.179	428.724	420.715	421.219	420.211	T [7]
K [7]	352.227	378.200	370.191	370.695	369.687	K [6]
V [8]	433.758	314.153	306.143	306.647	305.640	V [5]
T [9]	484.282	232.621	224.612	225.116	224.108	T [4]
S [10]	527.798	182.091	174.082	174.582	173.584	S [3]
S [11]	571.314	138.581	130.572	131.076	130.068	S [2]
K [12]	656.367	95.065	87.056	87.560	86.552	K [1]

sp | P70696 | H2B1A_MOUSE

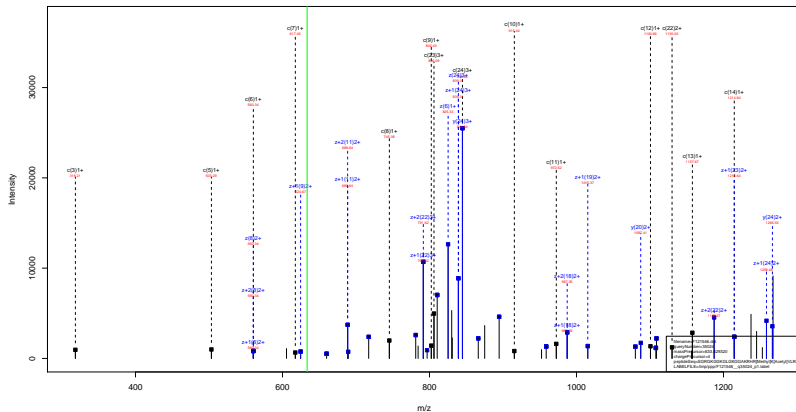
GTKAVTKYTSSK ^{Acetyl}
42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=57.88
- ▶ F121546.dat
- ▶ query=q15684_p1
- ▶ precursor=328.933380
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
G[1]	26.690	418.242	432.902	0.672	432.566	G[12]
T[2]	59.373	419.235	413.895	0.672	413.559	T[11]
K[3]	102.071	385.552	380.212	380.548	379.677	K[10]
A[4]	125.750	342.854	337.514	337.850	337.178	A[9]
V[5]	158.773	319.175	315.835	314.171	313.499	V[8]
T[6]	192.455	286.152	280.812	281.148	280.476	T[7]
K[7]	235.154	252.469	247.130	247.466	246.794	K[6]
V[8]	289.568	209.771	204.431	204.767	204.095	V[5]
T[9]	323.391	150.411	150.077	150.413	149.741	T[4]
S[10]	352.201	121.736	116.394	116.730	116.058	S[3]
S[11]	361.212	92.721	87.384	87.720	87.048	S[2]
K[12]	437.914	63.713	58.373	58.709	58.037	K[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHR (Methyl) K Acetyl VLRD
 (14.02) 42.01



sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHR ^(Methyl)K ^{Acetyl}VLRD
(14.02) 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=99.04
- ▶ F121546.dat
- ▶ query=q35024.p1
- ▶ precursor=633.629320
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	105.066	2531.487	2515.468	0.000	2514.460	S[24]
G	162.087	2444.455	2428.436	0.000	2427.428	G[25]
R	318.186	2397.431	2371.414	2372.422	2370.407	R[22]
G	375.210	2231.332	2215.313	2216.321	2214.305	G[21]
K	503.305	2174.310	2158.292	2159.300	2157.284	K[20]
G	560.326	2046.210	2030.197	2031.205	2029.189	G[19]
G	617.348	1999.194	1973.175	1974.183	1972.168	G[18]
K	745.443	1932.173	1916.154	1917.162	1915.146	K[17]
G	802.464	1804.078	1788.059	1789.067	1787.051	G[16]
L	915.548	1747.959	1731.939	1732.945	1730.930	L[15]
G	972.570	1653.972	1637.953	1638.961	1636.946	G[14]
K	1100.665	1576.951	1560.932	1561.940	1559.924	K[13]
G	1157.686	1448.850	1432.837	1433.845	1431.829	G[12]
G	1214.708	1391.834	1375.816	1376.823	1374.808	G[11]
A	1285.745	1334.813	1318.794	1319.802	1317.786	A[10]
K	1413.840	1263.770	1247.757	1248.765	1246.749	K[9]
R	1569.941	1135.683	1119.662	1120.670	1118.654	R[8]
H	1707.930	979.580	963.561	964.569	962.553	H[7]
R	1877.116	842.521	826.502	827.510	825.494	R[6]
K	2047.222	672.404	656.385	657.393	655.377	K[5]
V	2146.290	502.290	486.280	487.287	485.272	V[4]
L	2259.374	403.230	387.211	388.219	386.203	L[3]
R	2415.476	290.146	274.127	275.135	273.119	R[2]
D	2530.563	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHR ^(Methyl)K ^{Acetyl}VLRD
(14.02) 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=99.04
- ▶ F121546.dat
- ▶ query=q35024_p1
- ▶ precursor=633.629320
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	53.637	1266.247	1256.238	0.504	1257.734	S[24]
G[2]	61.547	1222.731	1214.722	0.504	1214.218	G[23]
R[3]	159.508	1194.220	1188.211	1186.715	1185.707	R[22]
G[4]	188.104	1148.710	1108.160	1108.654	1107.656	G[21]
K[5]	253.156	1087.659	1079.650	1086.153	1079.147	K[20]
G[6]	280.657	1023.611	1015.602	1016.106	1015.098	G[19]
G[7]	350.178	995.101	987.091	987.595	986.587	G[18]
K[8]	373.225	956.590	950.581	959.084	958.077	K[17]
G[9]	461.736	902.542	894.533	895.037	894.029	G[16]
L[10]	488.278	874.032	866.022	864.526	865.518	L[15]
G[11]	486.789	817.490	809.480	809.984	808.976	G[14]
K[12]	550.836	789.079	780.970	781.474	780.466	K[13]
G[13]	579.347	724.931	716.922	717.426	716.418	G[12]
G[14]	607.857	696.421	688.411	688.915	687.907	G[11]
A[15]	643.376	667.910	659.901	660.405	659.397	A[10]
R[16]	707.423	632.391	624.382	624.886	623.878	R[19]
R[17]	785.474	588.344	580.335	580.839	579.831	R[18]
H[18]	854.004	490.293	482.284	482.788	481.780	H[17]
R[19]	939.062	421.764	413.755	414.259	413.251	R[16]
K[20]	1024.115	336.706	328.696	329.200	328.192	K[15]
V[21]	1073.669	251.193	243.183	244.187	243.180	V[14]
L[22]	1136.191	202.139	194.129	194.633	193.626	L[13]
R[23]	1208.241	145.577	137.567	138.071	137.063	R[12]
D[24]	1266.755	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHR ^(Methyl)K ^{Acetyl}VLRD
(14.02) 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=99.04
- ▶ F121546.dat
- ▶ query=q35024.p1
- ▶ precursor=633.629320
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	844.500	839.161	0.672	838.825	S[24]
G[2]	94.701	815.490	810.150	0.672	809.814	G[23]
R[3]	106.734	796.483	791.143	791.479	790.807	R[22]
G[4]	125.741	744.449	739.109	739.445	738.773	G[21]
K[5]	168.440	725.442	720.102	720.438	719.766	K[20]
G[6]	187.447	682.743	677.404	677.740	677.068	G[19]
G[7]	206.454	663.736	658.397	658.733	658.061	G[18]
K[8]	249.152	644.729	639.389	639.725	639.054	K[17]
G[9]	268.160	602.031	596.691	597.027	596.355	G[16]
L[10]	305.854	583.024	577.684	578.020	577.348	L[15]
G[11]	324.861	548.329	539.989	540.325	539.653	G[14]
K[12]	357.560	526.322	520.982	521.318	520.646	K[13]
G[13]	386.567	483.623	478.284	478.620	477.948	G[12]
G[14]	405.574	464.616	459.277	459.613	458.941	G[11]
A[15]	429.253	445.609	440.270	440.605	439.934	A[10]
K[16]	471.951	421.930	416.590	416.926	416.255	K[9]
R[17]	523.985	379.232	373.892	374.228	373.556	R[8]
H[18]	569.671	327.199	321.858	322.194	321.523	H[7]
R[19]	626.377	281.512	276.172	276.508	275.836	R[6]
K[20]	683.079	224.806	219.467	219.803	219.131	K[5]
V[21]	716.102	168.104	162.765	163.101	162.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl)
(14.02) KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=50.28
- ▶ F121546.dat
- ▶ query=q35026.p1
- ▶ precursor=507.104990
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	147.076	2531.467	2515.460	0.000	2514.460	S[24]
G	204.998	2402.444	2386.425	0.000	2385.417	G[23]
R	360.190	2345.423	2329.404	2430.412	2328.396	R[22]
G	417.220	2189.321	2173.303	2174.310	2172.295	G[21]
K	545.315	2132.300	2116.281	2117.289	2115.273	K[20]
G	602.337	2004.205	1988.186	1989.194	1987.178	G[19]
G	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G	844.475	1762.067	1746.048	1747.056	1745.041	G[16]
L	937.550	1705.046	1689.027	1690.035	1688.019	L[15]
G	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G	1256.718	1349.824	1333.805	1334.813	1332.797	G[11]
A	1327.755	1292.802	1276.783	1277.791	1275.776	A[10]
K	1455.850	1235.781	1205.760	1206.754	1204.739	K[9]
R	1611.954	1103.676	1077.655	1078.659	1076.644	R[8]
H	1749.010	937.569	921.550	922.558	920.542	H[7]
R	1919.127	800.510	784.491	785.499	783.484	R[6]
K	2047.222	630.393	614.375	615.382	613.367	K[5]
V	2146.290	502.298	486.280	487.287	485.272	V[4]
L	2250.374	403.230	387.211	388.219	386.203	L[3]
R	2415.476	290.146	274.127	275.135	273.119	R[2]
D	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl)
(14.02) KVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=50.28
- ▶ F121546.dat
- ▶ query=q35026.p1
- ▶ precursor=507.104990
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1266.247	1258.238	0.504	1257.734	S[24]
G	2	102.553	1201.726	1193.716	0.504	1193.212	G[23]
R	3	180.053	1173.215	1165.206	1165.709	1164.702	R[22]
G	4	209.114	1095.594	1087.133	1077.959	1069.951	G[21]
K	5	273.181	1066.654	1058.644	1059.148	1055.140	K[20]
G	6	301.672	1002.606	994.597	995.101	994.093	G[19]
G	7	330.183	974.095	966.086	966.590	965.582	G[18]
K	8	394.230	945.585	937.575	938.079	937.071	K[17]
G	9	422.741	881.537	873.528	874.032	873.024	G[16]
L	10	479.283	853.026	845.017	845.521	844.513	L[15]
G	11	507.704	796.484	788.475	788.979	787.971	G[14]
R	12	571.841	767.974	759.964	760.468	759.460	R[13]
G	13	600.352	703.926	695.917	696.421	695.413	G[12]
G	14	628.863	675.415	667.406	667.910	666.902	G[11]
A	15	664.381	646.905	638.895	639.399	638.391	A[10]
R	16	725.429	611.386	603.377	603.881	602.873	R[9]
R	17	806.479	547.339	539.329	539.833	538.825	R[8]
H	18	875.009	499.288	461.279	461.783	460.775	H[7]
R	19	960.067	400.759	392.749	393.253	392.245	R[6]
K	20	1024.115	315.700	307.690	308.195	307.187	K[5]
V	21	1073.640	251.653	243.643	244.147	243.140	V[4]
L	22	1120.191	202.119	194.109	194.613	193.605	L[3]
D	23	1208.241	148.571	137.562	138.066	137.058	D[2]
D	24	1285.795	87.525	89.517	89.021	89.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl)
(14.02) KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=50.28
- ▶ F121546.dat
- ▶ query=q35026.p1
- ▶ precursor=507.104990
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.225	S[24]
G[2]	68.704	801.486	796.147	0.672	795.811	G[23]
R[3]	120.738	782.479	777.139	777.445	776.804	R[22]
G[4]	139.745	730.445	725.106	725.445	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.136	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	588.027	582.688	583.024	582.352	G[16]
L[10]	319.858	569.020	563.680	564.016	563.345	L[15]
G[11]	338.865	531.322	525.986	526.322	525.650	G[14]
K[12]	381.563	512.315	505.978	507.315	506.643	K[13]
G[13]	400.570	499.620	484.280	484.616	483.944	G[12]
G[14]	419.578	480.613	445.273	445.609	444.937	G[11]
A[15]	443.297	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.228	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	640.381	267.508	262.168	262.505	261.833	R[6]
K[20]	683.079	210.883	205.463	205.799	205.127	K[5]
V[21]	716.102	168.104	162.764	163.101	162.429	V[4]
L[22]	753.796	135.082	129.742	130.078	129.406	L[3]
R[23]	805.830	97.387	92.047	92.383	91.711	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR^(Methyl) KVLRD
(14.02)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=50.28
- ▶ F121546.dat
- ▶ query=q35026.p1
- ▶ precursor=507.104990
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	633.627	629.622	0.755	629.370	S[24]
G[2]	51.790	601.955	597.362	0.755	597.110	G[23]
R[3]	90.805	587.111	583.106	583.358	582.854	R[22]
G[4]	105.061	548.085	544.081	544.313	543.829	G[21]
K[5]	137.084	533.830	529.826	530.078	529.574	K[20]
G[6]	151.340	501.807	497.802	498.054	497.550	G[19]
G[7]	165.595	487.551	483.547	483.799	483.295	G[18]
K[8]	197.619	473.295	469.291	469.543	469.039	K[17]
G[9]	211.874	441.272	437.268	437.520	437.016	G[16]
L[10]	240.145	427.017	423.012	423.264	422.760	L[15]
G[11]	254.403	398.746	394.741	394.993	394.489	G[14]
K[12]	285.424	384.490	380.485	380.738	380.234	K[13]
G[13]	300.680	352.467	348.462	348.714	348.210	G[12]
G[14]	314.935	338.211	334.207	334.459	333.955	G[11]
A[15]	332.694	323.956	319.951	320.203	319.699	A[10]
K[16]	364.718	306.197	302.192	302.444	301.940	K[9]
R[17]	403.743	274.173	270.168	270.420	269.916	R[8]
H[18]	438.008	235.148	231.143	231.395	230.891	H[7]
R[19]	480.537	200.883	196.878	197.130	196.626	R[6]
K[20]	512.561	158.284	154.280	154.531	154.027	K[5]
V[21]	537.238	126.330	122.325	122.577	122.073	V[4]
L[22]	565.509	101.563	97.558	97.810	97.306	L[3]
R[23]	604.624	73.292	69.287	69.539	69.035	R[2]
D[24]	633.381	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL^(Methyl)D
(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=106.40
- ▶ F121546.dat
- ▶ query=q35027.p1
- ▶ precursor=633.630050
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2531.487	2515.468	0.000	2514.460	S[24]
G	2	204.998	2402.444	2386.425	0.000	2385.417	G[23]
R	3	300.190	2345.421	2329.404	2130.412	2328.396	R[22]
G	4	417.220	2189.321	2173.303	2174.310	2172.295	G[21]
K	5	545.315	2132.300	2116.281	2117.289	2115.273	K[20]
G	6	602.337	2004.205	1988.186	1989.194	1987.178	G[19]
G	7	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K	8	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G	9	844.475	1762.067	1746.048	1747.056	1745.041	G[16]
L	10	937.559	1705.046	1689.027	1690.035	1688.019	L[15]
G	11	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K	12	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G	13	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G	14	1296.718	1349.824	1333.805	1334.813	1332.797	G[11]
A	15	1327.735	1292.802	1276.783	1277.791	1275.776	A[10]
K	16	1455.850	1231.765	1205.746	1206.754	1204.739	K[9]
R	17	1611.951	1093.670	1077.651	1078.659	1076.644	R[8]
H	18	1749.010	937.560	921.550	922.558	920.542	H[7]
R	19	1905.111	800.510	784.491	785.499	783.484	R[6]
K	20	2033.206	644.400	628.390	629.398	627.382	K[5]
V	21	2132.275	516.314	500.295	501.303	499.287	V[4]
L	22	2245.350	417.246	401.227	402.235	400.219	L[3]
R	23	2415.476	304.162	288.143	289.151	287.135	R[2]
D	24	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R^(Methyl) D_(14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=106.40
- ▶ F121546.dat
- ▶ query=q35027.p1
- ▶ precursor=633.630050
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.040	1266.247	1258.239	0.504	1257.734	S[24]
G[2]	102.553	1201.726	1193.716	0.504	1193.212	G[23]
R[3]	180.603	1173.215	1165.208	1165.709	1164.702	R[22]
G[4]	269.114	1096.184	1087.155	1087.659	1086.653	G[21]
K[5]	273.183	1066.654	1058.644	1059.148	1058.140	K[20]
G[6]	301.672	1002.606	994.597	995.101	994.093	G[19]
G[7]	330.183	974.095	966.086	966.590	965.582	G[18]
K[8]	394.230	945.585	937.575	938.079	937.071	K[17]
G[9]	422.741	881.537	873.528	874.032	873.025	G[16]
L[10]	479.283	813.026	805.017	805.521	804.513	L[15]
G[11]	507.796	796.484	788.475	788.979	787.971	G[14]
K[12]	571.841	767.974	759.964	760.468	759.460	K[13]
G[13]	600.352	703.926	695.917	696.421	695.413	G[12]
G[14]	628.863	675.415	667.406	667.910	666.902	G[11]
A[15]	664.381	646.905	638.895	639.399	638.391	A[10]
R[16]	728.423	617.396	603.377	603.881	602.873	R[9]
R[17]	806.479	547.339	539.329	539.833	538.825	R[8]
H[18]	875.009	469.288	461.279	461.783	460.775	H[7]
R[19]	953.059	400.759	392.749	393.253	392.245	R[6]
K[20]	1017.107	322.708	314.699	315.203	314.195	K[5]
V[21]	1066.641	258.661	250.651	251.155	250.147	V[4]
L[22]	1123.183	209.126	201.117	201.621	200.613	L[3]
R[23]	1208.241	152.584	144.575	145.079	144.071	R[2]
D[24]	1268.755	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R^(Methyl) D_(14.02)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=106.40
- ▶ F121546.dat
- ▶ query=q35027.p1
- ▶ precursor=633.630050
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.825	S[24]
G[2]	68.704	801.546	796.147	0.672	795.811	G[23]
R[3]	120.738	782.479	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	588.027	582.688	583.024	582.352	G[16]
L[10]	319.858	569.020	563.680	564.016	563.345	L[15]
G[11]	338.865	531.325	525.985	526.322	525.650	G[14]
K[12]	381.563	512.318	506.979	507.315	506.643	K[13]
G[13]	400.570	499.620	494.280	494.616	493.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.297	431.606	426.266	426.602	425.930	A[10]
K[16]	485.955	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.228	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	635.709	267.508	262.168	262.505	261.833	R[6]
K[20]	678.407	215.875	210.535	210.871	209.999	K[5]
V[21]	711.438	172.776	167.437	167.773	167.101	V[4]
L[22]	749.124	130.753	134.414	134.750	134.078	L[3]
R[23]	805.830	102.059	96.719	97.055	96.383	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL^(Methyl)D
(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=105.64
- ▶ F121546.dat
- ▶ query=q35029_p1
- ▶ precursor=633.631150
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2531.487	2515.468	0.000	2514.460	S[24]
G	2	204.998	2402.444	2386.425	0.000	2385.417	G[23]
R	3	301.190	2345.421	2329.404	2130.412	2328.396	R[22]
G	4	417.220	2189.321	2173.303	2174.310	2172.295	G[21]
K	5	545.315	2132.300	2116.281	2117.289	2115.273	K[20]
G	6	602.337	2004.205	1988.186	1989.194	1987.178	G[19]
G	7	659.358	1947.184	1931.165	1932.173	1930.157	G[18]
K	8	787.453	1890.162	1874.143	1875.151	1873.135	K[17]
G	9	844.475	1762.067	1746.048	1747.056	1745.041	G[16]
L	10	937.559	1705.046	1689.027	1690.035	1688.019	L[15]
G	11	1014.580	1591.962	1575.943	1576.951	1574.935	G[14]
K	12	1142.675	1534.940	1518.921	1519.929	1517.914	K[13]
G	13	1199.697	1406.845	1390.826	1391.834	1389.819	G[12]
G	14	1296.718	1349.824	1333.805	1334.813	1332.797	G[11]
A	15	1327.755	1292.802	1276.783	1277.791	1275.776	A[10]
K	16	1455.850	1231.765	1205.746	1206.754	1204.739	K[9]
R	17	1611.951	1093.670	1077.651	1078.659	1076.644	R[8]
H	18	1749.010	937.569	921.550	922.558	920.542	H[7]
R	19	1905.111	800.510	784.491	785.499	783.484	R[6]
K	20	2033.206	644.409	628.390	629.398	627.382	K[5]
V	21	2132.275	516.314	500.295	501.303	499.287	V[4]
L	22	2245.359	417.246	401.227	402.235	400.219	L[3]
R	23	2415.476	304.162	288.143	289.151	287.135	R[2]
D	24	2530.503	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL^(Methyl)D
(14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=105.64
- ▶ F121546.dat
- ▶ query=q35029_p1
- ▶ precursor=633.631150
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1266.347	1258.238	0.504	1257.734	S[24]
G	2	102.553	1201.726	1193.710	0.504	1193.212	G[23]
R	3	180.003	1173.215	1165.200	1165.709	1164.705	R[22]
G	4	209.114	1099.384	1087.155	1087.659	1086.651	G[21]
K	5	271.161	1066.654	1058.644	1059.148	1058.140	K[20]
G	6	301.672	1002.606	994.597	995.101	994.093	G[19]
G	7	330.183	974.095	966.086	966.590	965.582	G[18]
K	8	394.230	945.585	937.575	938.079	937.071	K[17]
G	9	422.741	881.537	873.528	874.032	873.024	G[16]
L	10	439.283	853.026	845.017	845.521	844.513	L[15]
G	11	507.794	796.484	788.475	788.979	787.971	G[14]
R	12	571.841	767.974	759.964	760.468	759.460	R[13]
G	13	600.352	703.926	695.917	696.421	695.413	G[12]
G	14	628.863	675.415	667.406	667.910	666.902	G[11]
A	15	664.381	646.905	638.895	639.399	638.391	A[10]
R	16	728.429	611.366	603.377	603.881	602.873	R[9]
R	17	806.479	547.339	539.323	539.813	538.805	R[8]
H	18	875.009	406.288	401.279	401.783	400.775	H[7]
R	19	953.059	400.759	392.749	393.253	392.245	R[6]
R	20	1017.109	322.708	314.699	315.203	314.195	R[5]
V	21	1066.641	258.661	250.651	251.155	250.147	V[4]
L	22	1123.183	209.120	201.111	201.615	200.613	L[3]
L	23	1209.241	152.084	144.075	144.579	144.071	L[2]
D	24	1285.795	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

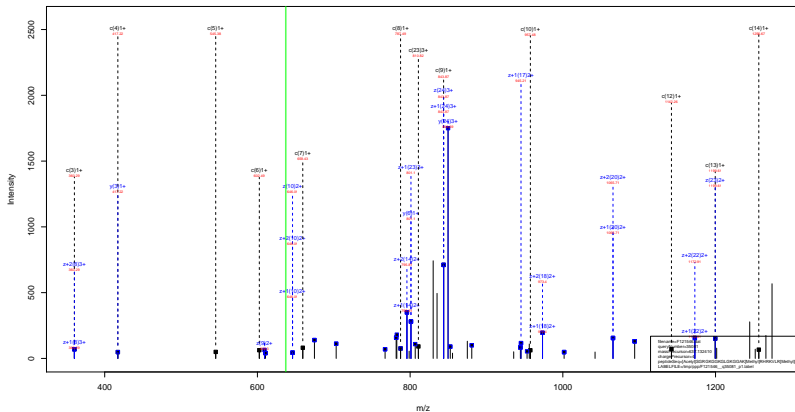
[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R^(Methyl) D_(14.02)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=105.64
- ▶ F121546.dat
- ▶ query=q35029_p1
- ▶ precursor=633.631150
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	844.500	839.161	0.672	838.225	S[24]
G[2]	68.704	801.486	796.147	0.672	795.811	G[23]
R[3]	120.738	782.479	777.139	777.475	776.804	R[22]
G[4]	139.745	730.445	725.106	725.442	724.770	G[21]
K[5]	182.443	711.438	706.099	706.435	705.763	K[20]
G[6]	201.450	668.740	663.400	663.736	663.064	G[19]
G[7]	220.458	649.733	644.393	644.729	644.057	G[18]
K[8]	263.156	630.726	625.386	625.722	625.050	K[17]
G[9]	282.163	588.027	582.688	583.024	582.352	G[16]
L[10]	319.858	569.020	563.680	564.016	563.345	L[15]
G[11]	338.865	531.325	525.985	526.322	525.650	G[14]
K[12]	381.563	512.318	506.979	507.315	506.643	K[13]
G[13]	400.570	499.620	494.280	494.616	493.944	G[12]
G[14]	419.578	450.613	445.273	445.609	444.937	G[11]
A[15]	443.297	431.606	426.266	426.602	425.930	A[10]
K[16]	485.995	407.927	402.587	402.923	402.251	K[9]
R[17]	537.989	365.228	359.889	360.225	359.553	R[8]
H[18]	583.675	313.195	307.855	308.191	307.519	H[7]
R[19]	635.709	267.508	262.168	262.505	261.833	R[6]
K[20]	678.407	215.875	210.535	210.871	209.999	K[5]
V[21]	711.438	172.776	167.437	167.773	167.101	V[4]
L[22]	749.124	130.753	134.414	134.750	134.078	L[3]
R[23]	805.830	102.059	96.719	97.055	96.383	R[2]
D[24]	844.172	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK (Methyl) (14.02) RHRKVLR (Methyl) (14.02) D



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^(Methyl) RHRKVLRL^(Methyl) D^(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=98.07
- ▶ F121546.dat
- ▶ query=q35081.p1
- ▶ precursor=637.132410
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2545.502	2529.463	0.000	2528.478	S[24]
G	2	204.998	2416.460	2400.441	0.000	2399.433	G[23]
R	3	360.190	2389.430	2343.419	2344.427	2342.412	R[22]
G	4	417.220	2291.337	2187.318	2189.326	2188.310	G[21]
K	5	545.315	2148.310	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1775.083	1760.064	1761.072	1759.056	G[16]
L	10	937.559	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1214.580	1595.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1429.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.755	1306.818	1290.799	1291.807	1289.791	A[10]
K	16	1469.868	1248.781	1219.762	1220.770	1218.754	K[9]
R	17	1625.987	1093.670	1077.651	1078.659	1076.644	R[8]
H	18	1763.026	937.559	921.550	922.558	920.542	H[7]
R	19	1919.127	800.510	784.491	785.499	783.484	R[6]
K	20	2047.222	644.409	628.390	629.398	627.382	K[5]
V	21	2146.290	518.314	500.295	501.303	499.287	V[4]
L	22	2250.374	417.246	401.227	402.235	400.219	L[3]
R	23	2420.491	304.163	288.144	289.151	287.135	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^(Methyl) RHRKVL R^(Methyl) D^(14.02) (14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=98.07
- ▶ F121546.dat
- ▶ query=q35081_p1
- ▶ precursor=637.132410
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.053	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	209.114	1102.272	1094.163	1094.667	1093.659	G[21]
K[5]	273.161	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	961.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	439.253	860.034	852.025	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
R[12]	571.841	774.982	766.972	767.476	766.468	R[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	662.423	674.414	674.918	673.910	G[11]
A[15]	664.381	653.913	645.903	646.407	645.399	A[10]
R[16]	728.437	618.364	610.355	610.859	609.851	R[9]
R[17]	813.487	547.339	539.329	539.833	538.825	R[8]
H[18]	882.017	466.288	461.279	461.783	460.775	H[7]
R[19]	960.067	400.759	392.749	393.253	392.245	R[6]
R[20]	1024.115	322.708	314.699	315.203	314.195	R[5]
V[21]	1073.649	258.661	250.651	251.155	250.147	V[4]
L[22]	1130.191	209.126	201.117	201.621	200.613	L[3]
D[23]	1215.249	152.584	144.575	145.079	144.071	D[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

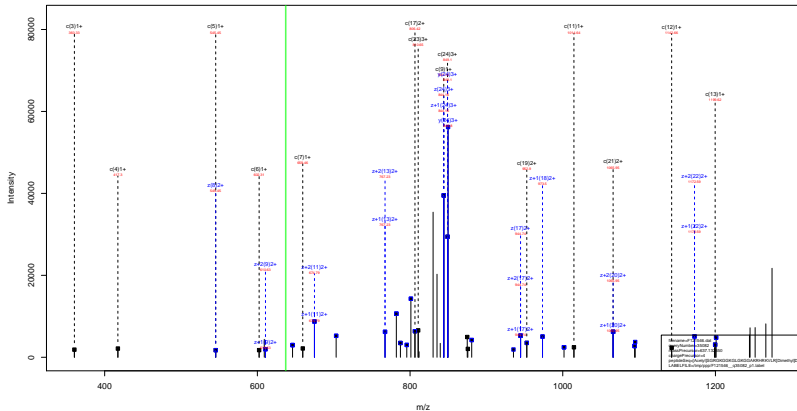
[Acetyl]SGRGKGGKGLGKGGAK^(Methyl) RHRKVL R^(Methyl) D^(14.02)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=98.07
- ▶ F121546.dat
- ▶ query=q35081.p1
- ▶ precursor=637.132410
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	68.704	806.156	800.818	0.672	800.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	718.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.696	587.024	G[16]
L[10]	319.858	571.692	566.352	566.688	566.016	L[15]
G[11]	338.865	535.991	530.651	530.984	530.322	G[14]
K[12]	381.563	516.980	511.641	511.976	511.315	K[13]
G[13]	400.570	474.282	468.942	469.278	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	490.627	412.588	407.250	407.585	406.923	K[9]
R[17]	542.661	395.228	359.889	360.225	359.563	R[8]
H[18]	588.347	313.195	307.853	308.191	307.519	H[7]
R[19]	640.381	287.508	282.168	282.505	281.833	R[6]
K[20]	683.078	215.875	210.535	210.871	209.999	K[5]
V[21]	716.102	172.776	167.437	167.773	167.101	V[4]
L[22]	753.796	139.753	134.414	134.750	134.078	L[3]
R[23]	810.502	102.059	96.719	97.055	96.383	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R ^{Dimethyl} D
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVLRR^{Dimethyl} D
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=90.50
- ▶ F121546.dat
- ▶ query=q35082.p1
- ▶ precursor=637.132650
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA	
S	1	147.076	2545.502	2529.483	0.000	2528.470	S	24
G	2	234.998	2518.460	2492.441	0.000	2499.433	G	23
R	3	360.199	2399.439	2383.419	2364.527	2342.412	R	22
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G	21
K	5	545.315	2148.310	2130.297	2131.305	2129.289	K	20
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G	19
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G	18
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K	17
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G	16
L	10	877.359	1729.961	1713.943	1714.950	1712.935	L	15
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G	14
K	12	1142.675	1548.950	1532.937	1533.945	1531.929	K	13
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G	12
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G	11
A	15	1327.795	1306.818	1290.799	1291.807	1289.791	A	10
K	16	1485.850	1235.781	1219.762	1220.770	1218.754	K	9
R	17	1611.894	1169.686	1161.667	1162.675	1160.659	R	8
H	18	1749.010	951.582	935.566	936.574	934.558	H	7
R	19	1905.111	814.520	798.507	799.515	797.499	R	6
K	20	2033.206	658.425	642.406	643.414	641.398	K	5
V	21	2132.275	530.330	514.311	515.319	513.303	V	4
L	22	2245.359	431.261	415.243	416.250	414.235	L	3
R	23	2429.491	318.177	302.158	303.166	301.151	R	2
D	24	2544.518	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVLRR^{Dimethyl}D_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=90.50
- ▶ F121546.dat
- ▶ query=q35082.p1
- ▶ precursor=637.132650
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	127.3.255	1205.245	0.504	1204.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.803	1180.223	1172.213	1172.717	1171.209	R[22]
G[4]	269.314	1102.172	1094.163	1094.667	1093.659	G[21]
K[5]	273.161	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	351.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.193	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.283	859.034	851.025	850.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.941	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.261	653.913	645.903	646.407	645.399	A[10]
R[16]	702.626	618.364	610.355	610.859	609.851	R[9]
R[17]	806.479	554.147	546.137	546.641	545.833	R[8]
H[18]	875.009	476.295	468.287	468.791	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1017.107	329.716	321.707	322.211	321.203	K[5]
V[21]	1066.641	265.666	257.656	258.160	257.152	V[4]
L[22]	1212.813	218.134	209.124	209.629	207.621	L[3]
R[23]	1215.249	159.592	151.583	152.087	151.079	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

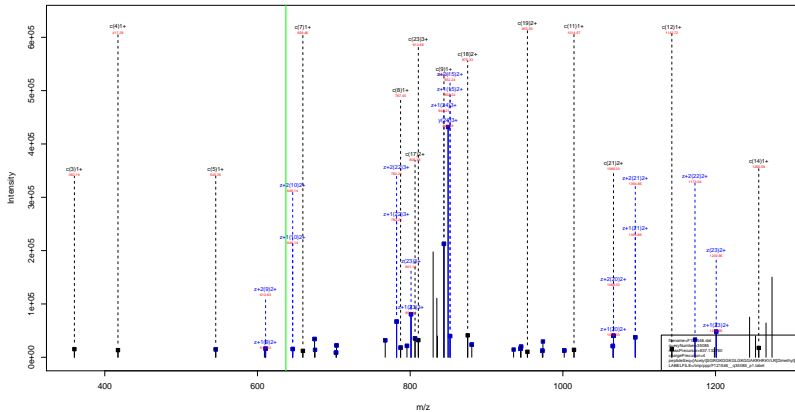
[Acetyl]SGRGKGGKGLGKGGAKRHRKVLRR^{Dimethyl}D_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=90.50
- ▶ F121546.dat
- ▶ query=q35082.p1
- ▶ precursor=637.132650
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.359	587.695	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	678.407	220.146	214.807	215.143	214.471	K[5]
V[21]	711.430	177.448	172.109	172.444	171.773	V[4]
L[22]	749.124	144.425	139.086	139.422	138.750	L[3]
R[23]	810.502	106.731	101.391	101.727	101.055	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R ^{Dimethyl} D
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVLK^{Dimethyl}D_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=93.72
- ▶ F121546.dat
- ▶ query=q35085.p1
- ▶ precursor=637.132760
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA	
S	1	147.076	2545.502	2529.483	0.000	2528.470	S	24
G	2	234.998	2518.460	2492.441	0.000	2499.433	G	23
R	3	360.199	2399.439	2383.419	2364.527	2342.412	R	22
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G	21
K	5	545.315	2148.310	2130.297	2131.305	2129.289	K	20
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G	19
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G	18
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K	17
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G	16
L	10	877.559	1729.961	1713.943	1714.950	1712.935	L	15
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G	14
K	12	1142.675	1548.950	1532.937	1533.945	1531.929	K	13
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G	12
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G	11
A	15	1327.795	1306.818	1290.799	1291.807	1289.791	A	10
K	16	1485.850	1235.781	1219.762	1220.770	1218.754	K	9
R	17	1611.894	1169.686	1161.667	1162.675	1160.659	R	8
H	18	1749.030	951.582	935.566	936.574	934.558	H	7
R	19	1905.111	814.520	798.507	799.515	797.499	R	6
K	20	2033.206	658.425	642.406	643.414	641.398	K	5
V	21	2132.275	530.330	514.311	515.319	513.303	V	4
L	22	2245.359	431.261	415.243	416.250	414.235	L	3
R	23	2429.491	318.177	302.158	303.166	301.151	R	2
D	24	2544.518	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVLRR^{Dimethyl}D_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=93.72
- ▶ F121546.dat
- ▶ query=q35085_p1
- ▶ precursor=637.132760
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	127.3.255	1205.245	0.504	1204.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.803	1180.223	1372.713	1172.717	1171.709	R[22]
G[4]	289.314	1102.172	1094.163	1094.567	1093.659	G[21]
K[5]	273.103	1073.061	1065.052	1066.156	1065.148	K[20]
G[6]	301.872	1069.014	1001.605	1002.108	1001.101	G[19]
G[7]	330.193	981.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.992	944.583	945.087	944.079	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.283	859.034	852.025	852.529	851.521	L[15]
G[11]	507.794	803.002	795.483	795.987	794.979	G[14]
K[12]	571.941	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.301	653.913	645.903	646.407	645.399	A[10]
R[16]	702.820	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.147	546.137	546.641	545.833	R[8]
H[18]	875.009	476.296	468.287	468.791	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1017.107	329.716	321.707	322.211	321.203	K[5]
V[21]	1066.641	265.660	257.650	258.153	257.145	V[4]
L[22]	1213.113	218.134	209.124	209.629	207.621	L[3]
R[23]	1215.240	159.592	151.583	152.087	151.079	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVLRR^{Dimethyl}D_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=93.72
- ▶ F121546.dat
- ▶ query=q35085.p1
- ▶ precursor=637.132760
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.897	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.359	587.695	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	678.407	220.146	214.807	215.143	214.471	K[5]
V[21]	711.430	177.448	172.109	172.444	171.773	V[4]
L[22]	749.124	144.425	139.086	139.422	138.750	L[3]
R[23]	810.502	106.731	101.391	101.727	101.055	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) KVLRD
(28.03)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=113.06
- ▶ F121546.dat
- ▶ query=q35087.p1
- ▶ precursor=509.907810
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2545.502	2529.483	0.000	2529.476	S[24]
G	2	204.068	2816.460	2400.441	0.000	2399.433	G[23]
R	3	360.199	2359.438	2343.419	2344.427	2342.412	R[22]
G	4	417.220	2203.537	2187.518	2188.526	2186.510	G[21]
K	5	545.315	2146.616	2130.597	2131.605	2129.589	K[20]
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	957.559	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1014.580	1608.971	1589.950	1590.958	1588.951	G[14]
K	12	1142.675	1548.950	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.755	1306.818	1290.799	1291.807	1289.791	A[10]
K	16	1455.850	1235.781	1219.762	1220.770	1218.754	K[9]
R	17	1611.951	1107.688	1091.667	1092.675	1090.659	R[8]
R	18	1749.010	981.585	965.568	936.574	934.558	R[7]
R	19	1933.143	814.526	798.507	799.515	797.499	R[6]
K	20	2051.288	830.193	814.376	815.382	813.367	K[5]
V	21	2160.306	502.290	486.280	487.287	485.272	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
R	23	2429.491	290.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) KVLRD
(28.03)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=113.06
- ▶ F121546.dat
- ▶ query=q35087.p1
- ▶ precursor=509.907810
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1272.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.603	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	209.114	1102.712	1094.163	1094.567	1093.659	G[21]
K[5]	278.163	1074.661	1066.651	1066.156	1065.149	K[20]
G[6]	301.672	1009.634	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	961.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	888.545	880.536	881.040	880.032	G[16]
L[10]	479.283	860.034	852.025	852.529	851.521	L[15]
G[11]	507.794	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	662.423	674.414	674.918	673.910	G[11]
A[15]	664.381	653.913	645.903	646.407	645.399	A[10]
R[16]	727.929	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.367	546.357	546.861	545.853	R[8]
H[18]	875.009	476.295	468.287	468.791	467.783	H[7]
R[19]	967.075	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	315.700	307.691	308.195	307.187	K[5]
V[21]	1080.657	251.653	243.643	244.147	243.140	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.209	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl)
(28.03) KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=113.06
- ▶ F121546.dat
- ▶ query=q35087.p1
- ▶ precursor=509.907810
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	68.704	806.156	800.817	0.672	800.481	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	725.778	730.114	729.442	G[21]
K[5]	182.443	718.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.858	571.692	568.352	568.688	568.016	L[15]
G[11]	338.865	535.991	530.658	530.994	530.322	G[14]
K[12]	381.563	516.980	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.588	407.250	407.585	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	645.052	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	210.883	205.463	205.799	205.127	K[5]
V[21]	720.774	108.104	102.705	103.101	102.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	948.844	45.353	40.014	40.340	39.678	D[1]

sp | P62806 | H4_MOUSE

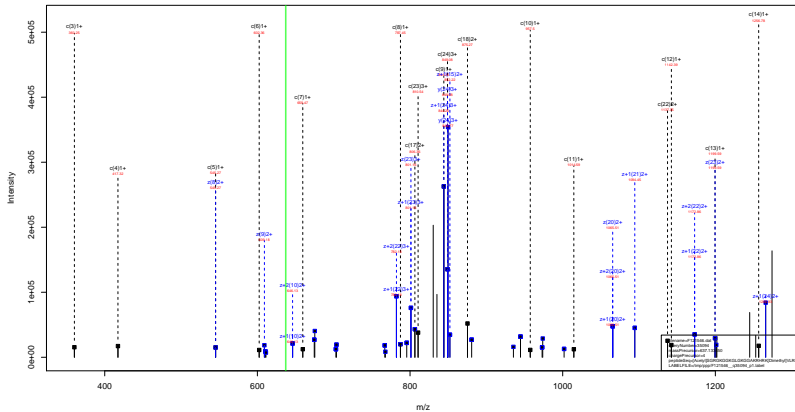
[Acetyl]SGRGKGGKGLGKGGAKRHR (Dimethyl) KVLRD
(28.03)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=113.06
- ▶ F121546.dat
- ▶ query=q35087_p1
- ▶ precursor=509.907810
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.925	637.131	633.126	0.755	632.874	S[24]
G[2]	51.780	634.970	600.866	0.755	600.614	G[23]
R[3]	90.305	590.615	585.610	586.862	586.353	R[22]
G[4]	105.061	551.590	547.585	547.837	547.333	G[21]
K[5]	137.084	537.334	533.330	533.582	533.078	K[20]
G[6]	151.340	505.311	501.306	501.558	501.054	G[19]
G[7]	165.595	491.055	487.051	487.303	486.799	G[18]
K[8]	197.619	476.800	472.795	473.047	472.543	K[17]
G[9]	211.874	444.776	440.771	441.023	440.520	G[16]
L[10]	240.145	430.521	426.516	426.768	426.264	L[15]
G[11]	254.401	402.260	398.245	398.497	397.993	G[14]
K[12]	286.424	387.994	383.990	384.242	383.738	K[13]
G[13]	300.680	355.971	351.966	352.218	351.714	G[12]
G[14]	314.935	341.715	337.711	337.963	337.459	G[11]
A[15]	332.694	327.460	323.455	323.707	323.203	A[10]
K[16]	364.718	309.701	305.696	305.948	305.444	K[9]
R[17]	403.743	277.677	273.672	273.924	273.420	R[8]
H[18]	438.008	238.652	234.647	234.899	234.395	H[7]
R[19]	484.041	204.387	200.382	200.634	200.130	R[6]
K[20]	518.065	136.354	134.349	134.601	134.097	K[5]
V[21]	540.332	126.130	122.125	122.377	122.073	V[4]
L[22]	569.103	101.563	97.558	97.810	97.306	L[3]
R[23]	608.128	73.292	69.287	69.539	69.035	R[2]
D[24]	636.885	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK ^{Dimethyl} VLRD
28.03



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=95.06
- ▶ F121546.dat
- ▶ query=q35094.p1
- ▶ precursor=637.133450
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2545.502	2529.483	0.000	2528.470	S[24]
G	2	234.998	2518.460	2499.441	0.000	2499.433	G[23]
R	3	360.199	2399.439	2383.419	2364.427	2342.412	R[22]
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K	5	545.315	2148.316	2130.297	2131.305	2129.289	K[20]
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	707.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	937.559	1719.961	1703.943	1704.950	1702.935	L[15]
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.755	1306.818	1290.799	1291.807	1289.791	A[10]
K	16	1455.850	1235.781	1219.762	1220.770	1218.754	K[9]
R	17	1611.894	1109.686	1093.667	1092.675	1090.659	R[8]
H	18	1749.010	951.582	935.566	936.574	934.558	H[7]
R	19	1905.111	814.526	798.507	799.515	797.499	R[6]
K	20	2061.238	658.425	642.406	643.414	641.398	K[5]
V	21	2160.306	502.298	486.280	487.287	485.272	V[4]
L	22	2273.390	403.230	387.211	388.219	386.203	L[3]
R	23	2429.491	290.146	274.127	275.135	273.119	R[2]
D	24	2544.518	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=95.06
- ▶ F121546.dat
- ▶ query=q35094_p1
- ▶ precursor=637.133450
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	127.3.255	1265.245	0.504	1264.741	S[24]
G[2]	102.553	1208.733	1200.724	0.504	1200.220	G[23]
R[3]	180.803	1180.223	1172.213	1172.717	1171.709	R[22]
G[4]	289.314	1102.172	1094.163	1094.567	1093.559	G[21]
K[5]	273.101	1073.061	1065.052	1066.156	1065.148	K[20]
G[6]	301.872	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.193	961.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	898.545	890.536	891.040	890.032	G[16]
L[10]	479.293	850.034	852.025	852.529	851.521	L[15]
G[11]	507.794	803.002	795.483	795.987	794.979	G[14]
K[12]	571.941	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	682.423	674.414	674.918	673.910	G[11]
A[15]	664.301	653.913	645.903	646.407	645.399	A[10]
R[16]	708.262	618.394	610.385	610.889	609.881	R[9]
R[17]	806.479	554.147	546.137	546.641	545.833	R[8]
H[18]	875.009	476.296	468.287	468.791	467.783	H[7]
R[19]	953.059	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.122	329.716	321.707	322.211	321.203	K[5]
V[21]	1059.867	251.692	243.683	244.187	243.180	V[4]
L[22]	1137.199	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.249	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^{Dimethyl}VLRD_{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=95.06
- ▶ F121546.dat
- ▶ query=q35094.p1
- ▶ precursor=637.133450
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.897	S[24]
G[2]	58.704	806.158	800.818	0.672	800.483	G[23]
R[3]	150.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.359	587.695	587.024	G[16]
L[10]	319.658	573.692	568.352	568.688	568.016	L[15]
G[11]	338.665	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	635.709	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	220.146	214.807	215.143	214.471	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKR ^(Methyl)(14.02) HR ^(Methyl)(14.02) KVLRL ^(Methyl)(14.02) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=64.66
- ▶ F121546.dat
- ▶ query=q35276.p1
- ▶ precursor=640.635450
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.070	2599.518	2543.499	0.000	2542.491	S[24]
G	2	204.098	2430.475	2414.457	0.000	2413.449	G[25]
R	3	300.199	2373.456	2357.438	2333.443	2358.427	R[22]
G	4	417.220	2217.351	2201.334	2202.342	2200.326	G[21]
K	5	545.315	2160.331	2144.313	2145.320	2143.305	K[20]
G	6	602.337	2032.236	2016.218	2017.225	2015.210	G[19]
G	7	659.358	1975.215	1959.196	1960.204	1958.188	G[18]
K	8	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G	9	844.475	1790.089	1774.080	1775.087	1773.072	G[16]
L	10	877.599	1733.071	1717.053	1718.056	1716.050	L[15]
G	11	1014.580	1610.991	1603.974	1604.982	1602.966	G[14]
K	12	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G	13	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G	14	1296.718	1377.855	1361.836	1362.844	1360.828	G[11]
A	15	1327.795	1320.833	1304.815	1305.823	1303.807	A[10]
K	16	1455.850	1240.790	1233.778	1234.785	1232.770	K[9]
R	17	1625.967	1121.703	1105.683	1106.691	1104.675	R[8]
H	18	1763.026	991.580	925.560	926.574	924.558	H[7]
R	19	1933.143	814.520	798.507	799.515	797.499	R[6]
K	20	2061.238	644.400	628.390	629.398	627.382	K[5]
V	21	2160.306	516.314	500.295	501.303	499.287	V[4]
L	22	2273.390	417.246	401.227	402.235	400.219	L[3]
R	23	2443.507	304.162	288.143	289.151	287.135	R[2]
D	24	2558.534	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKR ^(Methyl)(14.02) HR ^(Methyl)(14.02) KVLRL ^(Methyl)(14.02) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=64.66
- ▶ F121546.dat
- ▶ query=q35276.p1
- ▶ precursor=640.635450
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1080.263	1272.253	0.504	1371.749	S[24]
G[2]	102.553	1215.741	1207.732	0.504	1207.229	G[23]
R[3]	180.003	1187.231	1179.221	1179.725	1178.717	R[22]
G[4]	209.114	1109.380	1105.771	1103.975	1109.565	G[21]
K[5]	271.161	1080.669	1072.660	1073.164	1072.156	K[20]
G[6]	301.672	1016.622	1008.612	1009.116	1008.108	G[19]
G[7]	330.183	988.111	980.102	980.606	979.598	G[18]
K[8]	394.230	959.600	951.591	952.095	951.087	K[17]
G[9]	422.741	895.553	887.543	888.047	887.040	G[16]
L[10]	479.283	867.042	859.033	859.537	858.529	L[15]
G[11]	507.794	810.500	800.491	801.995	801.987	G[14]
R[12]	571.841	781.989	773.980	774.484	773.476	R[13]
G[13]	600.352	717.942	709.932	710.436	709.429	G[12]
G[14]	628.863	689.431	681.422	681.926	680.918	G[11]
A[15]	664.381	660.920	652.911	653.415	652.407	A[10]
R[16]	728.429	625.402	617.392	617.896	616.889	R[9]
R[17]	813.487	591.354	583.345	583.849	582.841	R[8]
H[18]	882.017	476.296	468.287	468.791	467.783	H[7]
R[19]	967.076	407.767	399.757	400.261	399.253	R[6]
R[20]	1031.129	322.708	314.699	315.203	314.195	R[5]
V[21]	1080.657	258.661	250.651	251.155	250.147	V[4]
L[22]	1137.199	209.126	201.117	201.621	200.613	L[3]
D[23]	1222.257	152.984	144.974	145.478	144.471	D[2]
D[24]	1279.771	87.526	89.517	90.021	89.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKR (Methyl) HR (Methyl) KVLR (Methyl) D (14.02) (14.02) (14.02)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=64.66
- ▶ F121546.dat
- ▶ query=q35276.p1
- ▶ precursor=640.635450
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.169	S[24]
G[2]	68.704	810.830	805.490	0.672	805.154	G[23]
R[3]	120.718	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.705	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.136	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	578.364	573.024	573.360	572.688	L[15]
G[11]	338.885	540.659	535.330	535.666	534.994	G[14]
K[12]	381.563	521.652	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	542.661	374.572	369.232	369.568	368.896	R[8]
H[18]	588.347	317.866	312.527	312.863	312.191	H[7]
R[19]	645.052	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	215.475	210.135	210.471	209.799	K[5]
Y[21]	720.714	372.776	367.437	367.773	367.101	Y[4]
L[22]	758.468	139.753	134.414	134.750	134.078	L[3]
R[23]	815.174	102.059	96.719	97.055	96.383	R[2]
D[24]	851.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK (Dimethyl) (28.03) VLR (Methyl) (14.02) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.76
- ▶ F121546.dat
- ▶ query=q35282.p1
- ▶ precursor=512.710510
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2559.518	2543.499	0.000	2542.491	S[24]
G	2	204.068	2830.475	2814.457	0.000	2813.449	G[23]
R	3	360.199	2373.456	2357.438	2169.413	2356.427	R[22]
G	4	417.220	2217.553	2201.534	2202.342	2200.326	G[21]
K	5	545.315	2160.531	2144.513	2145.320	2143.305	K[20]
G	6	602.337	2032.230	2016.218	2017.225	2015.210	G[19]
G	7	659.358	1975.215	1959.199	1960.204	1958.188	G[18]
K	8	787.453	1918.193	1902.175	1903.182	1901.167	K[17]
G	9	844.475	1790.098	1774.080	1775.087	1773.072	G[16]
L	10	957.559	1733.077	1717.058	1718.066	1716.050	L[15]
G	11	1014.588	1619.993	1603.974	1604.982	1602.966	G[14]
K	12	1142.675	1562.971	1546.953	1547.960	1545.945	K[13]
G	13	1199.697	1434.876	1418.858	1419.866	1417.850	G[12]
G	14	1256.718	1377.855	1361.836	1362.844	1360.828	G[11]
A	15	1327.755	1320.833	1304.815	1305.823	1303.807	A[10]
K	16	1455.850	1249.790	1233.778	1234.785	1232.770	K[9]
R	17	1611.951	1121.701	1105.683	1106.691	1104.675	R[8]
H	18	1749.010	995.605	979.587	980.589	978.574	H[7]
R	19	1905.111	828.541	812.523	813.530	811.515	R[6]
K	20	2051.238	872.440	856.422	857.429	855.414	K[5]
V	21	2160.306	516.314	500.295	501.303	499.287	V[4]
L	22	2273.390	417.246	401.227	402.235	400.219	L[3]
R	23	2443.507	304.162	288.143	289.151	287.135	R[2]
D	24	2558.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK (Dimethyl)_(28.03) VLR (Methyl)_(14.02) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.76
- ▶ F121546.dat
- ▶ query=q35282.p1
- ▶ precursor=512.710510
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1280.263	1272.253	0.504	1271.749	S[24]
G	2	162.553	1215.741	1207.732	0.504	1207.228	G[23]
R	3	180.803	1137.231	1129.222	1179.725	1128.713	R[22]
G	4	209.114	1109.180	1101.171	1101.675	1100.667	G[21]
K	5	273.161	1080.669	1072.660	1073.104	1072.158	K[20]
G	6	301.672	1016.622	1008.612	1009.116	1008.108	G[19]
G	7	330.183	888.111	980.102	980.606	979.598	G[18]
K	8	394.230	959.600	951.591	952.095	951.087	K[17]
G	9	422.741	895.553	887.543	888.047	887.040	G[16]
L	10	479.288	837.042	859.033	859.537	858.529	L[15]
G	11	507.794	810.500	802.491	802.985	801.987	G[14]
R	12	571.841	781.989	773.980	774.484	773.478	R[13]
G	13	600.352	717.942	709.932	710.436	709.429	G[12]
G	14	628.863	689.431	681.422	681.926	680.918	G[11]
A	15	664.381	660.920	652.911	653.415	652.407	A[10]
K	16	728.429	625.402	617.392	617.896	616.889	K[9]
R	17	806.479	561.394	553.385	553.889	552.881	R[8]
R	18	875.009	493.384	475.294	475.798	474.791	R[7]
R	19	953.059	414.774	406.765	407.269	406.261	R[6]
R	20	1031.122	336.724	328.714	329.218	328.211	R[5]
V	21	1080.657	258.661	250.651	251.155	250.147	V[4]
L	22	1137.199	209.120	201.117	201.621	200.613	L[3]
R	23	1222.257	152.584	144.575	145.079	144.071	R[2]
D	24	1279.771	87.526	99.517	80.021	99.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Dimethyl)_(28.03) VLR^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=66.76
- ▶ F121546.dat
- ▶ query=q35282.p1
- ▶ precursor=512.710510
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.169	S[24]
G[2]	66.704	810.830	805.490	0.672	809.154	G[23]
R[3]	120.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.064	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	578.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.660	535.320	535.656	534.984	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.267	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	635.709	276.892	271.552	271.888	271.216	R[6]
K[20]	687.751	224.818	219.479	219.815	219.143	K[5]
V[21]	720.774	172.776	167.437	167.773	167.101	V[4]
L[22]	758.468	139.753	134.414	134.750	134.078	L[3]
R[23]	815.174	102.059	96.719	97.055	96.383	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

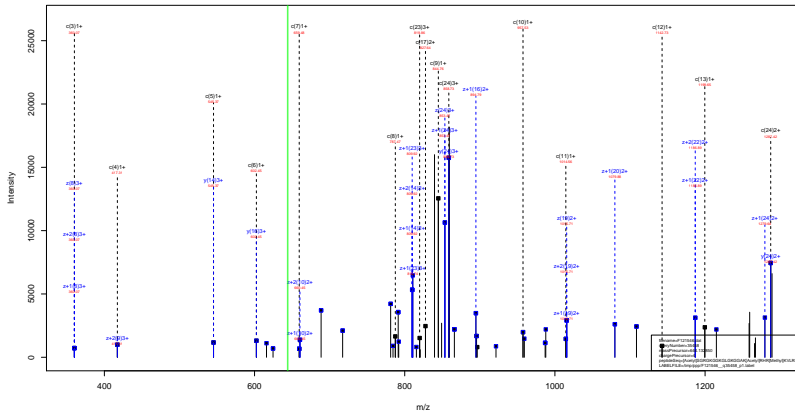
[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Dimethyl)_(28.03) VLR^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=66.76
- ▶ F121546.dat
- ▶ query=q35282.p1
- ▶ precursor=512.710510
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.925	640.635	636.630	0.755	636.378	S[24]
G[2]	51.780	638.374	604.370	0.755	604.118	G[23]
R[3]	50.305	594.119	590.114	590.366	589.862	R[22]
G[4]	105.061	555.094	551.089	551.341	550.837	G[21]
K[5]	137.084	540.838	536.834	537.086	536.582	K[20]
G[6]	151.340	508.615	504.610	505.062	504.558	G[19]
G[7]	165.595	494.559	490.554	490.806	490.303	G[18]
K[8]	197.619	480.304	476.299	476.551	476.047	K[17]
G[9]	211.874	448.280	444.275	444.527	444.023	G[16]
L[10]	240.145	434.025	430.020	430.272	429.768	L[15]
G[11]	254.401	405.754	401.749	402.001	401.497	G[14]
K[12]	286.424	391.499	387.494	387.746	387.242	K[13]
G[13]	300.680	359.475	355.470	355.722	355.218	G[12]
G[14]	314.935	345.219	341.215	341.466	340.963	G[11]
A[15]	332.694	330.964	326.959	327.211	326.707	A[10]
K[16]	364.718	313.205	309.200	309.452	308.948	K[9]
R[17]	403.743	281.181	277.176	277.428	276.924	R[8]
H[18]	438.008	242.156	238.151	238.403	237.899	H[7]
R[19]	477.033	207.891	203.886	204.138	203.634	R[6]
K[20]	515.065	168.866	164.861	165.113	164.609	K[5]
V[21]	360.832	129.834	125.829	126.081	125.577	V[4]
L[22]	569.103	105.067	101.062	101.314	100.810	L[3]
R[23]	611.632	76.796	72.791	73.043	72.539	R[2]
D[24]	640.389	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHR Methyl 14.02 KVLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Methyl} KVLRD^{14.02}
42.01 14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=112.23
- ▶ F121546.dat
- ▶ query=q35458.p1
- ▶ precursor=644.132850
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	11	147.076	2573.497	2557.478	0.000	2556.471	S
G	2	224.998	2444.455	2428.436	0.000	2427.428	G
R	3	360.199	2387.431	2371.414	2372.422	2370.407	R
G	4	417.220	2231.332	2215.313	2216.321	2214.305	G
K	5	545.315	2174.310	2158.292	2159.300	2157.284	K
G	6	602.337	2046.216	2030.197	2031.205	2029.189	G
G	7	659.358	1989.194	1973.175	1974.183	1972.168	G
K	8	787.453	1932.173	1916.154	1917.162	1915.146	K
G	9	844.475	1804.078	1788.059	1789.067	1787.051	G
L	10	957.559	1747.956	1731.937	1732.945	1730.930	L
G	11	1014.580	1633.972	1617.953	1618.961	1616.946	G
K	12	1142.675	1576.951	1560.932	1561.940	1559.924	K
G	13	1199.697	1448.856	1432.837	1433.845	1431.829	G
G	14	1256.718	1391.834	1375.816	1376.823	1374.808	G
A	15	1327.735	1334.813	1318.794	1319.802	1317.786	A
K	16	1407.861	1263.776	1247.757	1248.765	1246.749	K
R	17	1633.864	1093.670	1077.651	1078.659	1076.644	R
H	18	1791.021	937.560	921.550	922.558	920.542	H
R	19	1961.138	800.510	784.491	785.499	783.484	R
K	20	2089.233	630.393	614.375	615.382	613.367	K
V	21	2108.301	502.290	486.280	487.287	485.272	V
L	22	2301.385	403.230	387.211	388.219	386.203	L
R	23	2457.486	290.146	274.127	275.135	273.119	R
D	24	2572.513	134.045	118.026	119.034	117.018	D

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Methyl} KVLRD
42.01 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=112.23
- ▶ F121546.dat
- ▶ query=q35458.p1
- ▶ precursor=644.132850
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1287.252	1279.243	0.504	1278.739	S[24]
G[2]	102.553	1222.731	1214.722	0.504	1214.218	G[23]
R[3]	180.603	1194.220	1186.211	1186.715	1185.707	R[22]
G[4]	259.114	1158.179	1108.160	1108.664	1107.656	G[21]
K[5]	273.153	1087.659	1079.650	1080.153	1079.145	K[20]
G[6]	303.672	1023.611	1015.602	1016.106	1015.098	G[19]
G[7]	330.183	995.101	987.091	987.595	986.587	G[18]
K[8]	394.230	956.590	958.581	959.084	958.077	K[17]
G[9]	422.741	902.542	894.533	895.037	894.030	G[16]
L[10]	479.289	874.032	866.022	866.526	865.518	L[15]
G[11]	507.794	817.490	809.480	809.984	808.976	G[14]
K[12]	571.841	788.979	780.970	781.474	780.466	K[13]
G[13]	600.352	724.931	716.922	717.426	716.418	G[12]
G[14]	628.863	696.421	688.411	688.915	687.907	G[11]
A[15]	684.381	667.910	659.901	660.405	659.397	A[10]
R[16]	749.438	632.391	624.382	624.886	623.878	R[9]
R[17]	827.485	547.339	539.330	539.833	538.825	R[6]
H[18]	896.014	469.288	461.279	461.783	460.775	H[7]
R[19]	981.072	400.759	392.749	393.253	392.245	R[6]
K[20]	1046.120	315.700	307.691	308.195	307.187	K[5]
V[21]	1094.654	251.653	243.643	244.147	243.140	V[4]
L[22]	1151.196	202.119	194.109	194.613	193.605	L[3]
R[23]	1226.247	148.577	137.567	138.071	137.063	R[2]
D[24]	1286.760	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Methyl} KVLRD^{14.02}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=112.23
- ▶ F121546.dat
- ▶ query=q35458.p1
- ▶ precursor=644.132850
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	858.504	853.164	0.672	852.828	S[24]
G[2]	58.704	815.490	810.150	0.672	809.814	G[23]
R[3]	150.738	796.483	791.143	791.479	790.807	R[22]
G[4]	139.745	784.449	739.109	739.445	738.773	G[21]
K[5]	182.443	725.442	720.102	720.438	719.766	K[20]
G[6]	201.450	682.743	677.404	677.740	677.068	G[19]
G[7]	220.458	663.736	658.397	658.733	658.061	G[18]
K[8]	263.156	644.729	639.389	639.725	639.054	K[17]
G[9]	282.163	602.031	596.691	597.027	596.355	G[16]
L[10]	319.958	583.024	577.684	578.020	577.348	L[15]
G[11]	338.965	545.329	539.989	540.325	539.653	G[14]
K[12]	381.563	526.322	520.982	521.318	520.646	K[13]
G[13]	400.570	483.623	478.284	478.620	477.948	G[12]
G[14]	419.578	464.616	459.277	459.613	458.941	G[11]
A[15]	443.257	445.609	440.270	440.605	439.934	A[10]
K[16]	469.958	421.930	416.590	416.926	416.255	K[9]
R[17]	551.992	365.225	359.889	360.225	359.553	R[8]
H[18]	597.678	313.195	307.855	308.191	307.519	H[7]
R[19]	654.384	297.508	262.169	262.505	261.833	R[6]
K[20]	697.082	210.803	205.463	205.799	205.127	K[5]
V[21]	730.105	168.104	162.764	163.101	162.429	V[4]
L[22]	767.800	135.082	129.742	130.078	129.406	L[3]
R[23]	819.834	97.387	92.047	92.383	91.711	R[2]
D[24]	858.176	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRKVL R^{Trimethyl}_{42.05} D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=85.39
- ▶ F121546.dat
- ▶ query=q35461.p1
- ▶ precursor=644.140950
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2573.534	2557.515	0.000	2556.507	S	24
G	2	234.998	2444.491	2428.472	0.000	2427.464	G	23
R	3	374.215	2387.469	2371.451	2372.459	2370.441	R	22
G	4	431.236	2217.353	2201.334	2202.342	2200.325	G	21
K	5	559.331	2160.331	2144.313	2145.320	2143.305	K	20
G	6	616.353	2032.230	2016.218	2017.225	2015.210	G	19
G	7	673.374	1975.215	1959.196	1960.204	1958.188	G	18
K	8	801.469	1918.193	1902.175	1903.182	1901.167	K	17
G	9	858.490	1790.090	1774.080	1775.087	1773.072	G	16
L	10	973.374	1733.077	1717.058	1718.066	1716.050	L	15
G	11	1028.596	1619.963	1603.974	1604.982	1602.965	G	14
K	12	1156.091	1562.971	1546.953	1547.960	1545.945	K	13
G	13	1213.712	1434.876	1418.858	1419.866	1417.850	G	12
G	14	1270.734	1377.855	1361.836	1362.844	1360.828	G	11
A	15	1341.771	1320.833	1304.815	1305.823	1303.807	A	10
K	16	1469.866	1249.790	1233.778	1234.785	1232.770	K	9
R	17	1628.967	1121.701	1105.683	1106.691	1104.675	R	8
H	18	1763.026	995.620	949.582	950.589	948.574	H	7
R	19	1919.127	828.541	812.523	813.530	811.515	R	6
K	20	2047.222	672.440	656.422	657.429	655.414	K	5
V	21	2146.290	544.345	528.327	529.334	527.319	V	4
L	22	2259.374	445.277	429.258	430.266	428.250	L	3
R	23	2457.523	332.193	316.174	317.182	315.166	R	2
D	24	2572.550	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRKVL R^{Trimethyl}_{42.05}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=85.39
- ▶ F121546.dat
- ▶ query=q35461_p1
- ▶ precursor=644.140950
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1297.270	1279.261	0.504	1278.757	S[24]
G[2]	102.553	1222.749	1214.740	0.504	1214.236	G[23]
R[3]	187.611	1104.238	1186.229	1186.733	1185.725	R[22]
G[4]	218.322	1109.180	1101.171	1101.675	1100.667	G[21]
K[5]	280.109	1080.669	1072.660	1073.164	1072.156	K[20]
G[6]	308.680	1016.622	1008.612	1009.116	1008.108	G[19]
G[7]	337.191	988.111	980.102	980.606	979.598	G[18]
K[8]	401.238	959.600	951.591	952.095	951.087	K[17]
G[9]	429.749	895.553	887.543	888.047	887.040	G[16]
L[10]	489.291	897.042	890.033	890.537	889.529	L[15]
G[11]	514.802	810.500	802.491	802.995	801.987	G[14]
K[12]	578.949	781.989	773.980	774.484	773.476	K[13]
G[13]	607.360	717.942	709.932	710.436	709.429	G[12]
G[14]	635.871	689.431	681.422	681.926	680.918	G[11]
A[15]	671.389	660.920	662.911	663.415	662.407	A[10]
R[16]	735.432	605.406	607.397	607.901	606.893	R[9]
R[17]	813.487	561.354	563.345	563.849	562.841	R[8]
H[18]	882.017	483.304	475.294	475.798	474.791	H[7]
R[19]	960.067	414.776	406.766	407.269	406.261	R[6]
K[20]	1024.115	336.724	328.714	329.218	328.211	K[5]
V[21]	1073.649	272.676	264.666	265.171	264.163	V[4]
L[22]	1130.192	213.142	205.131	205.637	204.629	L[3]
R[23]	1229.265	166.600	158.591	159.095	158.087	R[2]
D[24]	1286.778	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

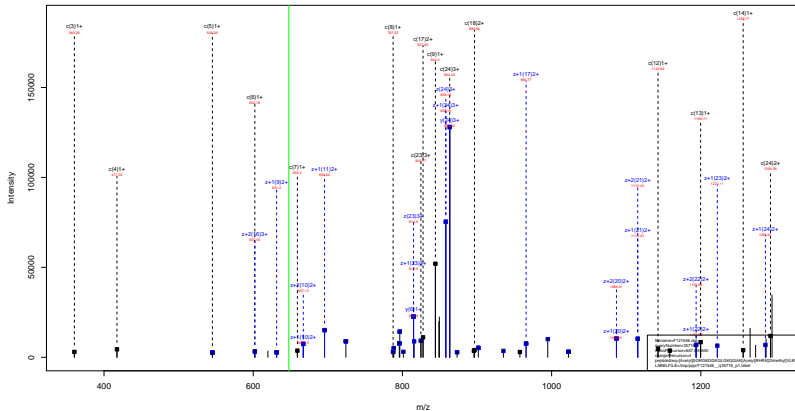
[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKRHRKVL R^{Trimethyl}_{42.05}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=85.39
- ▶ F121546.dat
- ▶ query=q35461.p1
- ▶ precursor=644.140950
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	858.516	853.176	0.672	852.841	S[24]
G[2]	68.704	815.502	810.162	0.672	809.826	G[23]
R[3]	125.410	796.495	791.155	791.491	790.819	R[22]
G[4]	144.417	739.789	734.450	734.785	734.114	G[21]
K[5]	187.115	720.782	715.442	715.778	715.106	K[20]
G[6]	206.122	678.084	672.744	673.080	672.408	G[19]
G[7]	225.130	659.076	653.737	654.073	653.401	G[18]
K[8]	267.828	640.069	634.730	635.066	634.394	K[17]
G[9]	286.835	597.371	592.031	592.367	591.695	G[16]
L[10]	328.530	578.364	573.024	573.360	572.688	L[15]
G[11]	343.537	540.669	535.330	535.666	534.994	G[14]
K[12]	386.235	521.662	516.322	516.658	515.986	K[13]
G[13]	405.242	478.964	473.624	473.960	473.288	G[12]
G[14]	424.249	459.957	454.617	454.953	454.281	G[11]
A[15]	447.929	440.949	435.610	435.946	435.274	A[10]
K[16]	490.627	417.270	411.931	412.267	411.595	K[9]
R[17]	542.661	374.572	369.232	369.568	368.896	R[8]
H[18]	588.347	322.538	317.199	317.535	316.863	H[7]
R[19]	640.381	276.852	271.512	271.848	271.176	R[6]
K[20]	683.079	224.818	219.478	219.815	219.143	K[5]
V[21]	716.102	182.120	176.780	177.116	176.444	V[4]
L[22]	753.796	149.097	143.758	144.094	143.422	L[3]
R[23]	819.846	111.402	106.063	106.399	105.727	R[2]
D[24]	858.188	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=89.47
- ▶ F121546.dat
- ▶ query=q35716.p1
- ▶ precursor=647.634640
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G	2	234.998	2458.470	2442.451	0.000	2441.444	G[23]
R	3	360.199	2601.440	2585.430	2386.438	2384.422	R[22]
G	4	417.220	2245.348	2229.329	2220.327	2218.321	G[21]
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	937.559	1761.072	1745.053	1746.061	1744.045	L[15]
G	11	1014.580	1647.982	1631.960	1632.977	1630.963	G[14]
K	12	1142.675	1590.960	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.795	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1407.861	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1633.862	1159.686	1151.667	1152.675	1150.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2315.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	290.146	274.127	275.135	273.119	R[2]
D	24	2588.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=89.47
- ▶ F121546.dat
- ▶ query=q35716_p1
- ▶ precursor=647.634640
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1294.200	1286.251	0.504	1285.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1201.228	1193.219	1193.723	1192.715	R[22]
G[4]	269.114	1173.177	1115.168	1115.672	1114.666	G[21]
K[5]	273.161	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	964.099	994.603	993.595	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	422.741	909.550	901.541	902.045	901.037	G[16]
L[10]	479.293	891.040	873.030	873.534	874.526	L[15]
G[11]	507.794	824.498	815.488	816.992	815.984	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	664.381	674.918	666.908	667.412	666.404	A[10]
R[16]	788.434	639.399	631.390	631.894	630.886	R[9]
R[17]	827.485	554.147	545.137	546.641	545.633	R[8]
H[18]	896.014	476.295	468.287	468.791	467.783	H[7]
R[19]	974.065	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.126	329.716	321.707	322.211	321.203	K[5]
V[21]	1107.862	251.693	243.683	244.187	243.180	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

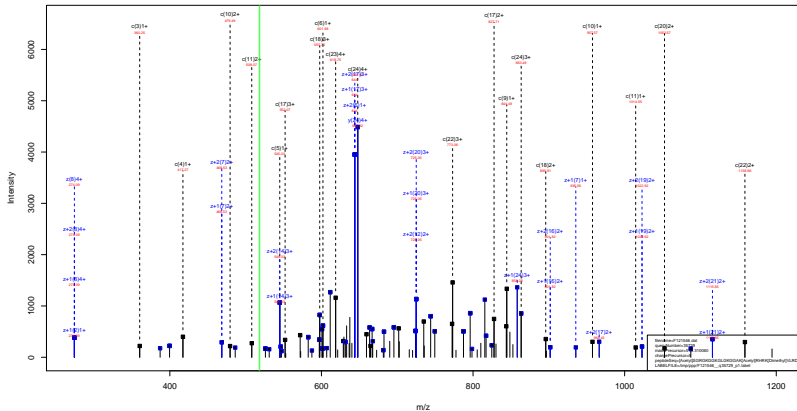
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Dimethyl}28.03 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=89.47
- ▶ F121546.dat
- ▶ query=q35716.p1
- ▶ precursor=647.634640
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	58.704	820.163	814.822	0.672	814.486	G[23]
R[3]	130.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.355	582.691	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.602	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.140	214.801	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHRK Dimethyl 28.03 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.49
- ▶ F121546.dat
- ▶ query=q35729.p1
- ▶ precursor=518.310060
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2587.513	2571.494	0.000	2570.486	S[24]
G	2	224.998	2458.470	2442.451	0.000	2441.444	G[23]
R	3	360.199	2601.440	2585.430	2386.438	2384.422	R[22]
G	4	417.220	2245.348	2229.329	2220.327	2218.321	G[21]
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	957.559	1761.072	1745.053	1746.061	1744.045	L[15]
G	11	1014.580	1647.982	1631.960	1632.977	1630.963	G[14]
K	12	1142.075	1590.960	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.795	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1497.881	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1653.884	1199.686	1191.667	1192.675	1190.659	R[8]
H	18	1791.021	951.582	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	658.425	642.406	643.414	641.398	K[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2315.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	290.146	274.127	275.135	273.119	R[2]
D	24	2588.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.49
- ▶ F121546.dat
- ▶ query=q35729_p1
- ▶ precursor=518.310060
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1204.260	1286.251	0.904	1285.747	S[24]
G	2	102.553	1220.739	1221.720	0.904	1221.225	G[23]
R	3	180.603	1280.238	1393.217	11.08729	1242.715	R[22]
G	4	209.114	1323.177	1115.168	1115.672	1114.664	G[21]
K	5	273.161	1094.667	1086.657	1087.161	1086.153	K[20]
G	6	301.672	1030.619	1022.610	1023.114	1022.108	G[19]
G	7	330.183	1002.108	994.099	994.603	993.595	G[18]
K	8	394.230	973.598	965.588	966.092	965.084	K[17]
G	9	422.741	950.550	901.541	902.045	901.037	G[16]
L	10	479.283	893.040	873.033	873.534	872.526	L[15]
G	11	507.794	824.498	816.488	816.992	815.984	G[14]
K	12	571.841	795.987	787.977	788.481	787.474	K[13]
G	13	600.352	731.939	723.930	724.434	723.426	G[12]
G	14	628.863	703.429	695.419	695.923	694.915	G[11]
A	15	664.281	674.918	666.908	667.412	666.405	A[10]
R	16	749.434	639.399	631.390	631.894	630.886	R[9]
R	17	827.485	554.347	546.337	546.841	545.833	R[8]
H	18	896.014	476.290	468.287	468.791	467.783	H[7]
R	19	974.065	407.707	399.757	400.261	399.253	R[6]
K	20	1052.128	329.716	321.707	322.211	321.203	K[5]
V	21	1101.662	251.653	243.643	244.147	243.140	V[4]
L	22	1158.204	202.119	194.109	194.613	193.605	L[3]
R	23	1236.255	145.577	137.567	138.071	137.063	R[2]
D	24	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=66.49
- ▶ F121546.dat
- ▶ query=q35729.p1
- ▶ precursor=518.310060
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	58.704	320.162	314.822	0.672	314.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	130.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	668.408	663.069	663.404	662.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.356	582.692	582.020	L[15]
G[11]	338.865	550.001	544.661	544.997	544.325	G[14]
K[12]	381.563	510.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.257	450.281	444.941	445.277	444.605	A[10]
K[16]	469.958	426.002	421.262	421.598	420.926	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	659.712	272.180	266.841	267.176	266.505	R[6]
K[20]	701.754	220.140	214.807	215.143	214.471	K[5]
V[21]	734.777	168.104	162.765	163.101	162.429	V[4]
L[22]	772.472	135.082	129.742	130.078	129.406	L[3]
R[23]	824.505	97.387	92.047	92.383	91.711	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

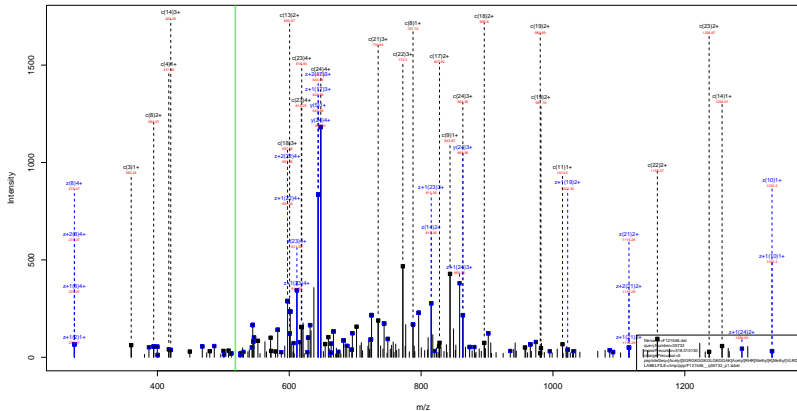
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Dimethyl} VLRD^{28.03}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=66.49
- ▶ F121546.dat
- ▶ query=q35729.p1
- ▶ precursor=518.310060
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.755	643.177	S[24]
G[2]	51.780	515.373	611.368	0.755	611.116	G[23]
R[3]	90.805	601.118	597.113	597.365	596.061	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	459.279	455.274	455.526	455.022	G[16]
L[10]	280.148	441.023	437.019	437.271	436.767	L[15]
G[11]	254.403	417.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	366.473	362.469	362.721	362.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	414.246	277.877	273.672	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	497.536	204.387	200.382	200.634	200.130	R[6]
K[20]	526.568	165.362	161.357	161.609	161.105	K[5]
V[21]	551.335	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHR Methyl 14.02 K Methyl 14.02 VL RD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} 42.01 RHR^{Methyl} 14.02 K^{Methyl} 14.02 VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.30
- ▶ F121546.dat
- ▶ query=q35732.p1
- ▶ precursor=518.310130
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	347.676	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.098	2458.470	2442.451	0.000	2441.444	G[23]
R	3	368.199	2420.440	2385.430	2386.438	2384.422	R[22]
G	4	417.230	2345.348	2229.329	2230.337	2228.321	G[21]
K	5	545.315	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	602.357	2060.231	2044.210	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	957.559	1783.072	1748.053	1748.061	1744.045	L[15]
G	11	1014.580	1647.985	1631.969	1632.977	1630.961	G[14]
K	12	1142.675	1590.969	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.755	1348.828	1332.810	1333.818	1331.802	A[10]
R	16	1497.883	1277.791	1261.773	1262.780	1258.765	R[9]
R	17	1653.962	1107.685	1091.667	1092.675	1090.659	R[8]
H	18	1791.021	951.585	935.566	936.574	934.558	H[7]
R	19	1961.138	814.526	798.507	799.515	797.499	R[6]
K	20	2103.248	644.409	628.390	629.398	627.382	K[5]
V	21	2202.317	502.298	486.280	487.287	485.272	V[4]
L	22	2315.401	403.230	387.211	388.219	386.203	L[3]
R	23	2471.502	298.146	274.127	275.135	273.119	R[2]
D	24	2586.529	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} 42.01 RHR^{Methyl} 14.02 K^{Methyl} 14.02 VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.30
- ▶ F121546.dat
- ▶ query=q35732.p1
- ▶ precursor=518.310130
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1294.200	1286.251	0.504	1289.747	S[24]
G[2]	102.553	1229.739	1221.729	0.504	1221.225	G[23]
R[3]	180.603	1201.229	1191.719	1193.723	1192.712	R[22]
G[4]	209.114	1123.177	1115.108	1115.072	1114.564	G[21]
K[5]	273.163	1094.667	1086.657	1087.161	1086.153	K[20]
G[6]	301.672	1030.619	1022.610	1023.114	1022.106	G[19]
G[7]	330.183	1002.108	994.099	994.603	993.593	G[18]
K[8]	394.230	973.598	965.588	966.092	965.084	K[17]
G[9]	422.711	949.099	901.541	902.045	901.037	G[16]
L[10]	479.293	881.040	873.030	873.534	872.526	L[15]
G[11]	507.794	824.468	816.458	816.962	815.964	G[14]
K[12]	571.841	795.987	787.977	788.481	787.474	K[13]
G[13]	600.352	731.939	723.930	724.434	723.426	G[12]
G[14]	628.863	703.429	695.419	695.923	694.915	G[11]
A[15]	695.911	674.918	666.908	667.412	666.405	A[10]
R[16]	749.434	639.359	631.390	631.894	630.885	R[9]
R[17]	827.485	554.347	546.337	546.841	545.833	R[8]
H[18]	896.014	476.290	468.287	468.791	467.783	H[7]
R[19]	981.072	407.767	399.757	400.261	399.253	R[6]
K[20]	1052.128	322.708	314.699	315.203	314.195	K[5]
V[21]	1101.662	258.653	249.643	249.147	249.140	V[4]
L[22]	1158.204	202.119	194.109	194.613	193.605	L[3]
R[23]	1236.255	145.577	137.567	138.071	137.063	R[2]
D[24]	1293.768	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHR ^{Methyl}14.02 K ^{Methyl}14.02 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.30
- ▶ F121546.dat
- ▶ query=q35732.p1
- ▶ precursor=518.310130
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S[1]	49.697	863.176	857.836		0.672	857.500	S[24]
G[2]	58.704	820.162	814.822		0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151		795.479	R[22]
G[4]	139.745	749.121	743.781	744.117		743.445	G[21]
K[5]	182.443	730.114	724.774	725.110		724.438	K[20]
G[6]	201.450	687.415	682.076			681.740	G[19]
G[7]	220.458	668.408	663.069	663.404		662.733	G[18]
K[8]	263.156	649.401	644.061	644.397		643.725	K[17]
G[9]	282.163	606.703	601.363	601.699		601.327	G[16]
L[10]	319.858	587.695	582.356	582.692		582.020	L[15]
G[11]	338.865	550.001	544.661	544.997		544.325	G[14]
K[12]	381.563	530.994	525.654	525.990		525.318	K[13]
G[13]	400.570	488.295	482.956	483.292		482.620	G[12]
G[14]	419.578	469.288	463.949	464.285		463.613	G[11]
A[15]	443.257	450.281	444.941	445.277		444.605	A[10]
K[16]	499.958	426.002	421.262	421.598		420.926	K[9]
R[17]	551.992	369.000	364.561	364.896		364.225	R[8]
H[18]	597.678	317.866	312.527	312.863		312.191	H[7]
R[19]	654.384	272.180	266.941	267.176		266.505	R[6]
K[20]	701.754	215.475	210.135	210.471		209.799	K[5]
V[21]	734.777	168.104	162.765	163.101		162.429	V[4]
L[22]	772.472	135.082	129.742	130.078		129.406	L[3]
R[23]	824.505	97.387	92.047	92.383		91.711	R[2]
D[24]	862.848	45.353	40.014	40.349		39.678	D[1]

sp | P62806 | H4_MOUSE

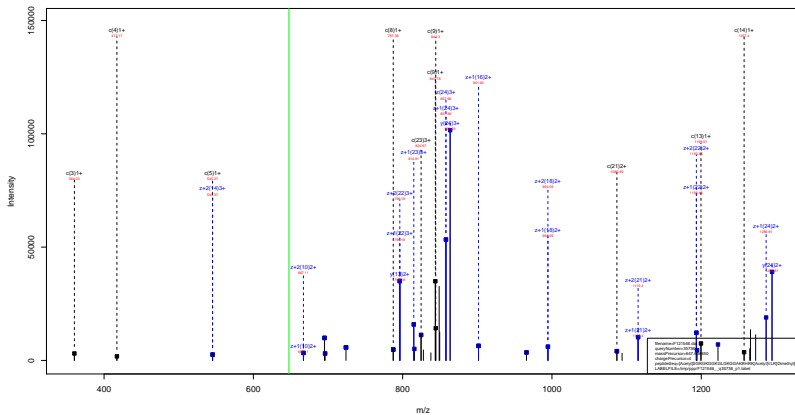
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} 42.01 RHR^{Methyl} 14.02 K^{Methyl} 14.02 VLRLD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=49.30
- ▶ F121546.dat
- ▶ query=q35732.p1
- ▶ precursor=518.310130
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	647.634	643.629	0.755	643.177	S[24]
G[2]	51.780	615.373	611.368	0.755	611.116	G[23]
R[3]	90.805	601.118	597.113	597.365	596.061	R[22]
G[4]	105.061	562.092	558.088	558.340	557.836	G[21]
K[5]	137.084	547.837	543.832	544.084	543.580	K[20]
G[6]	151.340	515.813	511.809	512.061	511.557	G[19]
G[7]	165.595	501.558	497.553	497.805	497.301	G[18]
K[8]	197.619	487.303	483.298	483.550	483.046	K[17]
G[9]	211.874	456.279	452.274	452.526	452.022	G[16]
L[10]	280.148	441.023	437.019	437.271	436.767	L[15]
G[11]	254.403	417.752	408.748	409.000	408.496	G[14]
K[12]	286.424	398.497	394.492	394.744	394.240	K[13]
G[13]	300.680	366.473	362.469	362.721	362.217	G[12]
G[14]	314.935	352.218	348.213	348.465	347.961	G[11]
A[15]	332.694	337.963	333.958	334.210	333.706	A[10]
K[16]	375.221	320.203	316.199	316.451	315.947	K[9]
R[17]	418.246	277.877	273.872	273.924	273.420	R[8]
H[18]	448.511	238.652	234.647	234.899	234.395	H[7]
R[19]	491.940	204.397	200.382	200.634	200.130	R[6]
K[20]	526.568	161.858	157.853	158.105	157.601	K[5]
V[21]	551.335	126.330	122.325	122.577	122.073	V[4]
L[22]	579.606	101.563	97.558	97.810	97.306	L[3]
R[23]	618.631	73.292	69.287	69.539	69.035	R[2]
D[24]	647.388	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK (Acetyl) VLR (42.01) Dimethyl D (28.03)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK (Acetyl) VLR Dimethyl D
(42.01) 28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=74.74
- ▶ F121546.dat
- ▶ query=q35736.p1
- ▶ precursor=647.636650
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.070	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.998	2458.470	2442.451	0.000	2441.444	G[23]
R	3	304.190	2301.440	2285.430	2307.430	2304.422	R[22]
G	4	417.220	2245.340	2229.330	2230.337	2228.321	G[21]
K	5	545.315	2188.320	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	837.559	1761.072	1745.053	1746.061	1744.045	L[15]
G	11	1014.580	1647.982	1631.960	1632.977	1630.961	G[14]
K	12	1142.675	1590.960	1574.948	1575.955	1573.940	K[13]
G	13	1199.697	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1256.718	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1327.755	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1455.850	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1611.951	1149.696	1133.678	1134.685	1132.670	R[8]
H	18	1749.010	993.590	977.572	978.584	976.569	H[7]
R	19	1905.111	895.530	880.518	881.525	879.510	R[6]
K	20	2075.217	700.435	684.416	685.424	683.409	K[5]
V	21	2174.285	530.330	514.311	515.319	513.303	V[4]
L	22	2287.369	431.261	415.243	416.250	414.235	L[3]
R	23	2471.502	318.177	302.158	303.166	301.151	R[2]
D	24	2586.520	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Acetyl)VLR^{Dimethyl} D
(42.01) 28.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=74.74
- ▶ F121546.dat
- ▶ query=q35736.p1
- ▶ precursor=647.636650
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1294.260	1286.251	0.504	1285.747	S(24)
G	2	102.503	1229.739	1221.729	0.504	1221.235	G(23)
R	3	180.003	1201.239	1193.219	1193.723	1192.715	R(22)
G	4	258.114	1123.177	1115.168	1115.672	1114.664	G(21)
K	5	273.193	1094.659	1086.657	1087.161	1086.157	K(20)
G	6	301.672	1030.619	1022.610	1023.114	1022.106	G(19)
G	7	330.183	1000.108	994.099	994.603	993.595	G(18)
K	8	394.230	973.595	965.588	966.092	965.084	K(17)
G	9	422.741	909.550	901.541	902.045	901.037	G(16)
L	10	419.203	881.940	873.930	874.434	873.426	L(15)
G	11	507.794	824.498	816.488	816.992	815.984	G(14)
K	12	571.841	795.987	787.977	788.481	787.474	K(13)
G	13	600.352	731.939	723.930	724.434	723.426	G(12)
G	14	628.863	703.429	695.419	695.923	694.915	G(11)
A	15	664.381	674.918	666.908	667.412	666.405	A(10)
R	16	728.429	639.393	631.383	631.887	630.879	R(9)
R	17	806.478	575.352	567.342	567.846	566.838	R(8)
H	18	875.009	497.301	489.292	489.795	488.788	H(7)
R	19	953.059	428.772	420.762	421.266	420.259	R(6)
K	20	1038.112	350.721	342.712	343.215	342.208	K(5)
V	21	1087.646	265.666	257.656	258.160	257.153	V(4)
L	22	1144.588	216.134	208.125	208.629	207.621	L(3)
R	23	1236.255	155.592	151.583	152.087	151.079	R(2)
D	24	1293.768	67.526	59.517	60.021	59.013	D(1)

sp | P62806 | H4_MOUSE

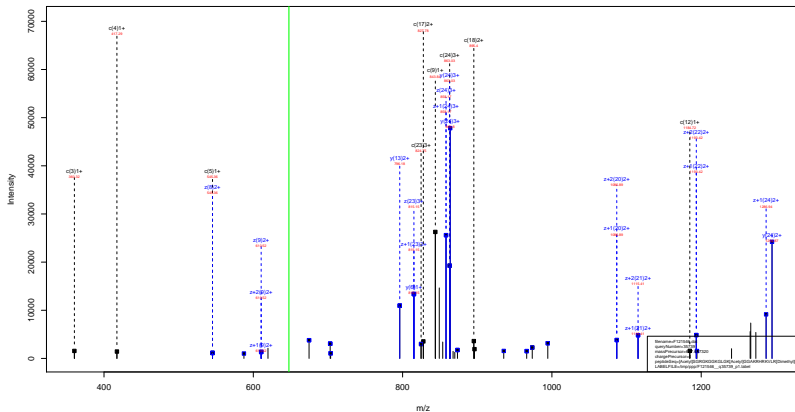
[Acetyl]SGRGKGGKGLGKGGAKRHRK^(Acetyl)VLR^{Dimethyl} D
(42.01) 28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=74.74
- ▶ F121546.dat
- ▶ query=q35736.p1
- ▶ precursor=647.636650
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	68.704	829.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	608.408	603.069	603.404	602.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.356	582.692	582.020	L[15]
G[11]	338.865	530.001	544.661	544.997	544.325	G[14]
K[12]	381.563	530.994	525.654	525.990	525.318	K[13]
G[13]	400.570	488.295	482.956	483.292	482.620	G[12]
G[14]	419.578	469.288	463.949	464.285	463.613	G[11]
A[15]	443.297	450.281	444.941	445.277	444.605	A[10]
K[16]	485.995	426.602	421.262	421.598	420.926	K[9]
R[17]	537.989	383.904	378.564	378.900	378.228	R[8]
H[18]	583.675	331.870	326.530	326.866	326.194	H[7]
R[19]	635.709	286.184	280.844	281.180	280.508	R[6]
K[20]	687.410	234.150	228.810	229.146	228.474	K[5]
V[21]	725.433	177.448	172.108	172.444	171.773	V[4]
L[22]	763.128	144.425	139.086	139.422	138.750	L[3]
R[23]	824.505	106.731	101.391	101.727	101.055	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl} 42.01 GGAKRHRKVL ^(Dimethyl) 28.03 D



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} GGAKRHRKVL^(Dimethyl) D_{42.01} (28.03)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.02
- ▶ F121546.dat
- ▶ query=q35739_p1
- ▶ precursor=647.637320
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.070	2587.513	2571.494	0.000	2570.486	S[24]
G	2	204.998	2458.470	2442.451	0.000	2441.444	G[23]
R	3	304.199	2301.440	2385.430	2369.430	2384.422	R[22]
G	4	417.220	2245.340	2229.320	2230.337	2228.321	G[21]
K	5	545.315	2188.320	2172.307	2173.315	2171.300	K[20]
G	6	602.337	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	659.358	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	787.453	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	844.475	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	877.559	1761.072	1745.053	1746.061	1744.045	L[15]
G	11	1014.580	1647.982	1631.960	1632.977	1630.961	G[14]
K	12	1184.686	1590.960	1574.948	1575.955	1573.940	K[13]
G	13	1241.707	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1298.729	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1369.760	1306.818	1290.799	1291.807	1289.791	A[10]
K	16	1497.861	1235.781	1219.762	1220.770	1218.754	K[9]
R	17	1653.982	1107.680	1091.667	1092.675	1090.659	R[8]
H	18	1793.021	993.580	935.566	936.574	934.558	H[7]
R	19	1947.122	814.526	798.507	799.515	797.499	R[6]
K	20	2075.217	658.425	642.406	643.414	641.398	K[5]
V	21	2174.285	530.330	514.311	515.319	513.303	V[4]
L	22	2287.369	431.261	415.243	416.250	414.235	L[3]
R	23	2471.502	318.177	302.158	303.166	301.151	R[2]
D	24	2586.520	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} GGAKRHRKVL^(Dimethyl) D
42.01 (28.03)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.02
- ▶ F121546.dat
- ▶ query=q35739_p1
- ▶ precursor=647.637320
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1294.260	1286.251	0.504	1385.747	S[24]
G	2	102.553	1229.739	1221.739	0.304	1221.229	G[23]
R	3	180.003	1201.238	1193.219	1193.723	1192.715	R[22]
G	4	209.114	1123.777	1113.168	1115.972	1114.666	G[21]
K	5	273.101	1094.667	1086.657	1087.161	1086.153	K[20]
G	6	301.672	1020.619	1022.610	1023.114	1022.106	G[19]
G	7	330.183	1002.108	994.099	994.603	993.595	G[18]
K	8	394.230	973.598	965.588	966.092	965.084	K[17]
G	9	422.741	909.550	901.541	902.045	901.037	G[16]
L	10	479.283	891.040	873.030	873.534	872.526	L[15]
G	11	507.794	824.496	816.488	816.992	815.984	G[14]
R	12	592.947	795.987	787.979	788.483	787.474	R[13]
G	13	621.357	710.934	702.925	703.429	702.421	G[12]
G	14	649.868	682.423	674.414	674.918	673.910	G[11]
A	15	685.387	653.913	645.903	646.407	645.399	A[10]
R	16	709.414	616.394	610.385	610.889	609.881	R[9]
R	17	827.405	554.347	546.337	546.841	545.833	R[8]
H	18	896.014	476.295	468.287	468.791	467.783	H[7]
R	19	974.065	407.767	399.757	400.261	399.253	R[6]
K	20	1036.112	329.716	321.707	322.211	321.203	K[5]
V	21	1087.646	265.668	257.658	258.163	257.155	V[4]
L	22	1144.198	216.134	208.125	208.629	207.621	L[3]
D	23	1236.255	159.592	151.583	152.087	151.079	D[2]
D	24	1293.708	87.525	79.517	80.021	79.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl} GGAKRHRKVL^(Dimethyl) D
42.01 (28.03)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.02
- ▶ F121546.dat
- ▶ query=q35739_p1
- ▶ precursor=647.637320
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	863.176	857.836	0.672	857.500	S[24]
G[2]	68.704	829.162	814.822	0.672	814.486	G[23]
R[3]	120.738	801.154	795.815	796.151	795.479	R[22]
G[4]	139.745	749.121	743.781	744.117	743.445	G[21]
K[5]	182.443	730.114	724.774	725.110	724.438	K[20]
G[6]	201.450	687.415	682.076	682.412	681.740	G[19]
G[7]	220.458	608.408	603.069	603.404	602.733	G[18]
K[8]	263.156	649.401	644.061	644.397	643.725	K[17]
G[9]	282.163	606.703	601.363	601.699	601.027	G[16]
L[10]	319.858	587.695	582.355	582.692	582.020	L[15]
G[11]	338.865	930.001	544.661	544.997	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	474.292	468.952	469.288	468.616	G[12]
G[14]	433.581	455.285	449.945	450.281	449.609	G[11]
A[15]	497.260	436.277	430.938	431.274	430.602	A[10]
K[16]	499.958	412.598	407.259	407.595	406.923	K[9]
R[17]	551.992	369.900	364.561	364.896	364.225	R[8]
H[18]	597.678	317.866	312.527	312.863	312.191	H[7]
R[19]	649.712	272.180	266.841	267.176	266.505	R[6]
K[20]	692.410	220.146	214.807	215.143	214.471	K[5]
V[21]	725.433	177.448	172.109	172.444	171.773	V[4]
L[22]	763.128	144.425	139.086	139.422	138.750	L[3]
R[23]	824.505	106.731	101.391	101.727	101.055	R[2]
D[24]	862.848	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}_{42.01} RHRK^(Methyl)_(14.02) VLR^{Dimethyl}_{28.03} D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.25
- ▶ F121546.dat
- ▶ query=q36000.p1
- ▶ precursor=521.111370
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2601.528	2585.510	0.000	2584.502	S[24]
G	2	264.098	2472.486	2456.467	0.000	2455.459	G[23]
R	3	360.199	2315.464	2299.446	2407.433	2398.425	R[22]
G	4	417.220	2259.361	2243.345	2244.352	2242.337	G[21]
K	5	545.315	2202.342	2186.323	2187.331	2185.315	K[20]
G	6	602.337	2074.347	2058.328	2059.336	2057.320	G[19]
G	7	659.358	2017.225	2001.207	2002.214	2000.199	G[18]
K	8	787.453	1960.204	1944.185	1945.193	1943.177	K[17]
G	9	844.475	1832.109	1816.090	1817.098	1815.082	G[16]
L	10	937.558	1775.087	1759.069	1760.077	1758.061	L[15]
G	11	1014.580	1662.001	1645.985	1646.993	1644.977	G[14]
K	12	1142.675	1604.982	1588.963	1589.971	1587.955	K[13]
G	13	1199.697	1476.887	1460.868	1461.876	1459.860	G[12]
G	14	1256.718	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1327.755	1362.844	1346.825	1347.833	1345.818	A[10]
K	16	1497.861	1291.807	1275.788	1276.796	1274.780	K[9]
R	17	1653.962	1121.701	1105.683	1106.691	1104.675	R[8]
R	18	1791.021	965.600	949.582	950.589	948.574	R[7]
R	19	1947.122	828.541	812.523	813.530	811.515	R[6]
K	20	2089.233	672.440	656.422	657.429	655.414	K[5]
V	21	2188.301	530.330	514.311	515.319	513.303	V[4]
L	22	2301.385	431.261	415.243	416.250	414.235	L[3]
R	23	2485.517	318.177	302.158	303.166	301.151	R[2]
D	24	2600.544	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^(Methyl)(14.02) VLR^{Dimethyl}28.03 D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.25
- ▶ F121546.dat
- ▶ query=q36000_p1
- ▶ precursor=521.111370
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1301.268	1293.258	0.504	1292.755	S[24]
G[2]	102.553	1236.747	1228.737	0.504	1228.233	G[23]
R[3]	180.601	1208.236	1200.226	1200.730	1199.723	R[22]
G[4]	269.114	1130.389	1122.176	1122.680	1121.672	G[21]
K[5]	273.161	1101.675	1093.665	1094.169	1093.161	K[20]
G[6]	301.672	1027.627	1029.619	1030.122	1029.114	G[19]
G[7]	330.183	1006.116	1001.107	1001.611	1000.603	G[18]
K[8]	394.230	980.606	972.596	973.100	972.092	K[17]
G[9]	422.741	916.558	908.549	909.053	908.045	G[16]
L[10]	479.283	888.047	880.038	880.542	879.535	L[15]
G[11]	507.794	831.935	823.496	824.000	822.992	G[14]
R[12]	571.841	802.995	794.985	795.489	794.481	R[13]
G[13]	600.352	738.947	730.938	731.442	730.434	G[12]
G[14]	628.863	710.436	702.427	702.931	701.923	G[11]
A[15]	664.381	681.926	673.916	674.420	673.412	A[10]
R[16]	749.434	646.407	638.398	638.902	637.894	R[9]
R[17]	827.485	593.394	585.385	585.889	584.881	R[8]
H[18]	896.014	483.304	475.294	475.798	474.791	H[7]
R[19]	974.065	414.774	406.765	407.269	406.261	R[6]
R[20]	1045.120	336.724	328.714	329.218	328.211	R[5]
V[21]	1094.654	265.668	257.658	258.163	257.155	V[4]
L[22]	1151.196	216.134	208.125	208.629	207.621	L[3]
D[23]	1243.262	159.592	151.583	152.087	151.079	D[2]
D[24]	1300.776	87.525	79.517	80.021	79.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Methyl) VLR^{Dimethyl} D
 42.01 (14.02) 28.03

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.25
- ▶ F121546.dat
- ▶ query=q36000.p1
- ▶ precursor=521.111370
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	867.848	862.508	0.672	862.172	S[24]
G[2]	68.704	874.933	819.494	0.672	819.158	G[23]
R[3]	120.738	905.826	900.487	800.823	800.151	R[22]
G[4]	159.745	753.793	748.453	748.789	748.117	G[21]
K[5]	182.443	734.785	725.446	729.782	729.110	K[20]
G[6]	201.450	692.067	686.748	687.083	686.412	G[19]
G[7]	220.458	673.080	667.740	668.076	667.404	G[18]
K[8]	263.156	654.073	648.733	649.069	648.397	K[17]
G[9]	282.163	611.374	606.035	606.371	605.699	G[16]
L[10]	319.858	592.367	587.028	587.364	586.692	L[15]
G[11]	338.865	574.973	549.333	549.669	548.997	G[14]
K[12]	351.563	535.666	530.326	530.662	529.990	K[13]
G[13]	400.570	492.967	487.628	487.964	487.292	G[12]
G[14]	419.578	473.960	468.620	468.956	468.285	G[11]
A[15]	443.257	454.953	449.613	449.949	449.277	A[10]
K[16]	499.958	431.274	425.934	426.270	425.598	K[9]
R[17]	551.992	374.572	369.232	369.568	368.896	R[8]
H[18]	597.678	322.538	317.199	317.535	316.863	H[7]
R[19]	649.712	276.892	271.552	271.888	271.176	R[6]
K[20]	697.682	224.818	219.479	219.815	219.143	K[5]
V[21]	730.105	177.440	172.100	172.444	171.773	V[4]
L[22]	767.800	144.425	139.086	139.422	138.750	L[3]
R[23]	829.177	106.731	101.391	101.727	101.055	R[2]
D[24]	887.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

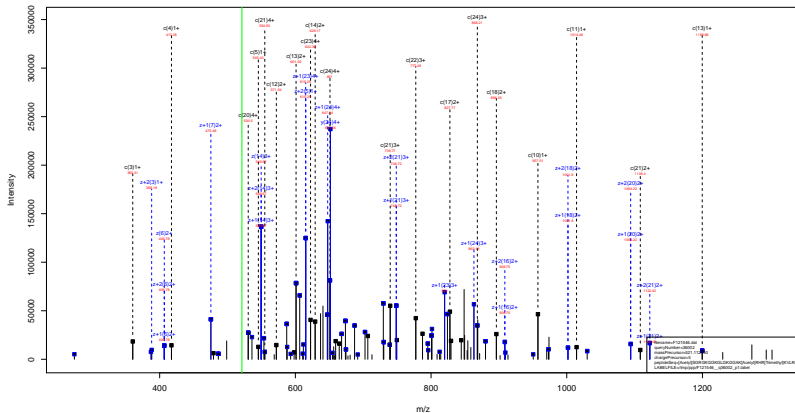
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Methyl) VLR^{Dimethyl} D
 42.01 (14.02) 28.03

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=62.25
- ▶ F121546.dat
- ▶ query=q36000.p1
- ▶ precursor=521.111370
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.925	651.138	647.133	0.755	646.881	S[24]
G[2]	51.780	618.871	614.872	0.755	614.620	G[23]
R[3]	50.505	504.622	600.617	600.869	600.365	R[22]
G[4]	105.061	505.596	561.592	561.844	561.340	G[21]
K[5]	137.084	551.341	547.336	547.588	547.084	K[20]
G[6]	151.340	519.317	515.312	515.564	515.061	G[19]
G[7]	165.595	505.062	501.057	501.309	500.805	G[18]
K[8]	197.619	490.806	486.802	487.054	486.550	K[17]
G[9]	211.874	458.783	454.778	455.030	454.526	G[16]
L[10]	240.145	444.527	440.523	440.775	440.271	L[15]
G[11]	254.401	416.256	412.252	412.504	412.000	G[14]
K[12]	286.424	402.001	397.996	398.248	397.744	K[13]
G[13]	300.680	399.977	395.973	396.224	395.721	G[12]
G[14]	314.935	395.722	351.717	351.969	351.465	G[11]
A[15]	332.694	341.466	337.462	337.714	337.210	A[10]
K[16]	375.221	323.707	319.703	319.954	319.451	K[9]
R[17]	414.246	281.181	277.176	277.428	276.924	R[8]
H[18]	448.511	242.156	238.151	238.403	237.899	H[7]
R[19]	487.536	207.891	203.886	204.138	203.634	R[6]
K[20]	523.064	198.866	194.861	195.113	194.609	K[5]
V[21]	547.251	133.130	129.131	129.505	129.081	V[4]
L[22]	576.102	108.571	104.566	104.818	104.314	L[3]
R[23]	622.135	80.300	76.295	76.547	76.043	R[2]
D[24]	650.892	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl 42.01 RHR Trimethyl 42.05 KVLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Trimethyl} KVLRD^{42.05}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=81.87
- ▶ F121546.dat
- ▶ query=q36002.p1
- ▶ precursor=521.112450
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2601.528	2585.510	0.000	2584.502	S	24
G	2	224.998	2372.488	2499.487	0.000	2458.493	G	23
R	3	360.199	2415.464	2399.446	2400.453	2398.438	R	22
G	4	417.220	2259.363	2243.345	2244.352	2242.337	G	21
K	5	545.315	2202.342	2186.323	2187.331	2185.315	K	20
G	6	602.337	2074.247	2058.228	2059.236	2057.220	G	19
G	7	659.358	2017.225	2001.207	2002.214	2000.199	G	18
K	8	787.453	1960.204	1944.185	1945.193	1943.177	K	17
G	9	844.475	1832.109	1816.090	1817.098	1815.082	G	16
L	10	957.559	1779.087	1759.069	1760.077	1758.061	L	15
G	11	1014.580	1662.083	1645.985	1646.993	1644.977	G	14
K	12	1142.075	1604.982	1588.963	1589.971	1587.955	K	13
G	13	1199.697	1476.887	1460.888	1461.876	1459.860	G	12
G	14	1256.718	1419.886	1403.847	1404.855	1402.839	G	11
A	15	1327.755	1362.844	1346.825	1347.833	1345.818	A	10
K	16	1497.881	1291.807	1275.788	1276.796	1274.780	K	9
R	17	1653.864	1124.761	1105.683	1106.691	1104.675	R	8
H	18	1791.021	985.020	949.582	950.589	948.574	H	7
R	19	1989.169	828.541	812.523	813.530	811.515	R	6
K	20	2117.264	630.393	614.375	615.382	613.367	K	5
V	21	2216.332	502.298	486.280	487.287	485.272	V	4
L	22	2329.416	403.230	387.211	388.219	386.203	L	3
R	23	2485.517	290.146	274.127	275.135	273.119	R	2
D	24	2600.544	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Trimethyl} KVLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=81.87
- ▶ F121546.dat
- ▶ query=q36002.p1
- ▶ precursor=521.112450
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	74.042	1301.268	1293.259	0.504	1292.755	S[24]
G	2	102.553	1236.747	1228.737	0.504	1228.233	G[23]
R	3	180.603	1208.236	1200.226	1200.730	1199.723	R[22]
G	4	269.114	1139.185	1122.175	1122.680	1121.677	G[21]
K	5	273.163	1101.675	1093.665	1094.169	1093.165	K[20]
G	6	351.672	1037.627	1029.618	1030.122	1029.114	G[19]
G	7	430.183	1009.116	1001.107	1001.611	1000.603	G[18]
K	8	494.230	980.605	972.596	973.100	972.092	K[17]
G	9	627.741	916.558	908.549	909.053	908.045	G[16]
L	10	479.283	898.047	890.038	890.542	889.534	L[15]
G	11	507.794	831.505	823.496	824.000	823.992	G[14]
K	12	571.841	802.995	794.985	795.489	794.481	K[13]
G	13	600.352	738.947	730.938	731.442	730.434	G[12]
G	14	628.863	710.436	702.427	702.931	701.923	G[11]
A	15	664.381	681.926	673.916	674.420	673.412	A[10]
R	16	749.434	646.407	646.911	647.415	646.407	R[9]
R	17	827.485	561.894	553.345	553.849	552.841	R[8]
H	18	896.014	483.304	475.294	475.798	474.791	H[7]
R	19	905.028	414.776	406.765	407.269	406.261	R[6]
K	20	1059.136	315.700	307.691	308.195	307.187	K[5]
V	21	1108.670	251.652	243.643	244.147	243.140	V[4]
L	22	1305.812	202.119	194.110	194.613	193.605	L[3]
R	23	1293.262	145.577	137.567	138.071	137.063	R[2]
D	24	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Trimethyl} KVLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=81.87
- ▶ F121546.dat
- ▶ query=q36002.p1
- ▶ precursor=521.112450
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S[1]	49.697	867.848	862.508		0.672	862.172	S[24]
G[2]	58.704	324.933	819.494		0.672	819.158	G[23]
R[3]	150.738	805.826	800.487	800.823		800.151	R[22]
G[4]	139.745	753.793	748.453	748.789		748.117	G[21]
K[5]	182.443	734.785	729.446	729.782		729.110	K[20]
G[6]	201.450	692.087	686.748	687.083		686.412	G[19]
G[7]	220.458	673.080	667.740	668.076		667.404	G[18]
K[8]	263.156	654.073	648.733	649.069		648.397	K[17]
G[9]	282.163	611.374	606.035	606.371		605.999	G[16]
L[10]	319.958	592.367	587.028	587.364		586.692	L[15]
G[11]	338.965	554.673	549.333	549.669		548.997	G[14]
K[12]	381.563	535.666	530.326	530.662		529.990	K[13]
G[13]	400.570	492.967	487.628	487.964		487.292	G[12]
G[14]	419.578	473.960	468.620	468.956		468.285	G[11]
A[15]	443.257	454.953	449.613	449.949		449.277	A[10]
K[16]	469.958	431.274	425.934	426.270		425.598	K[9]
R[17]	551.992	374.572	369.232	369.568		368.896	R[8]
H[18]	597.678	322.538	317.199	317.535		316.863	H[7]
R[19]	653.274	276.852	271.512	271.848		271.176	R[6]
K[20]	706.426	210.803	205.463	205.799		205.127	K[5]
V[21]	739.449	168.104	162.764	163.101		162.429	V[4]
L[22]	777.144	135.082	129.742	130.078		129.406	L[3]
R[23]	829.177	97.387	92.047	92.383		91.711	R[2]
D[24]	867.520	45.353	40.014	40.349		39.678	D[1]

sp | P62806 | H4_MOUSE

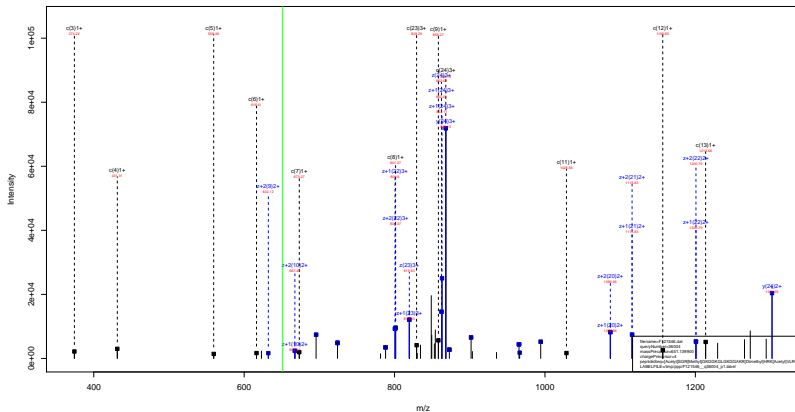
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHR^{Trimethyl} KVLRD^{42.01} ^{42.05}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=81.87
- ▶ F121546.dat
- ▶ query=q36002.p1
- ▶ precursor=521.112450
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	651.130	647.133	0.755	646.081	S[24]
G[2]	51.780	518.877	614.872	0.755	614.620	G[23]
R[3]	90.805	604.622	600.617	600.869	600.365	R[22]
G[4]	105.061	565.596	561.592	561.844	561.340	G[21]
K[5]	137.084	551.341	547.336	547.588	547.084	K[20]
G[6]	151.340	519.317	515.312	515.564	515.061	G[19]
G[7]	165.595	505.062	501.057	501.309	500.805	G[18]
K[8]	197.619	490.806	486.802	487.054	486.550	K[17]
G[9]	211.874	476.551	472.546	472.798	472.294	G[16]
L[10]	280.148	444.527	440.523	440.775	440.271	L[15]
G[11]	254.403	416.256	412.252	412.504	412.000	G[14]
K[12]	286.424	402.001	397.996	398.248	397.744	K[13]
G[13]	300.680	369.977	365.973	366.224	365.721	G[12]
G[14]	314.935	355.722	351.717	351.969	351.465	G[11]
A[15]	332.694	341.466	337.462	337.714	337.210	A[10]
K[16]	375.221	323.707	319.703	319.954	319.451	K[9]
R[17]	414.246	301.181	297.176	297.428	296.924	R[8]
H[18]	448.511	282.156	278.151	278.403	277.899	H[7]
R[19]	493.044	257.891	253.886	254.138	253.634	R[6]
K[20]	530.071	158.354	154.349	154.601	154.097	K[5]
V[21]	554.839	126.330	122.325	122.577	122.073	V[4]
L[22]	583.110	101.563	97.558	97.810	97.306	L[3]
R[23]	622.135	73.292	69.287	69.539	69.035	R[2]
D[24]	650.892	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKR^(Dimethyl)_(28.03) HRK^(Acetyl)_(42.01) VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKR^(Dimethyl)_(28.03) HRK^(Acetyl)_(42.01) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=73.54
- ▶ F121546.dat
- ▶ query=q36004.p1
- ▶ precursor=651.139900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.070	2601.528	2585.510	0.000	2584.502	S ₂₄
G	2	264.998	2472.486	2456.467	0.000	2455.459	G ₂₃
R	3	374.215	2315.465	2300.446	2607.433	2308.425	R ₂₂
G	4	431.236	2245.342	2229.326	2230.337	2228.321	G ₂₁
K	5	559.331	2188.326	2172.307	2173.315	2171.300	K ₂₀
G	6	616.353	2060.231	2044.212	2045.220	2043.205	G ₁₉
G	7	673.374	2003.210	1987.191	1988.199	1986.183	G ₁₈
K	8	801.469	1946.188	1930.170	1931.177	1929.162	K ₁₇
G	9	858.490	1818.093	1802.075	1803.082	1801.067	G ₁₆
L	10	873.374	1761.072	1745.053	1746.061	1744.045	L ₁₅
G	11	1028.596	1647.982	1631.960	1632.977	1630.961	G ₁₄
K	12	1156.691	1590.960	1574.948	1575.955	1573.940	K ₁₃
G	13	1213.712	1462.871	1446.853	1447.860	1445.845	G ₁₂
G	14	1270.734	1405.850	1389.831	1390.839	1388.823	G ₁₁
A	15	1341.771	1348.828	1332.810	1333.818	1331.802	A ₁₀
K	16	1469.866	1277.791	1261.773	1262.780	1260.765	K ₉
R	17	1653.986	1149.695	1133.678	1134.685	1132.670	R ₈
H	18	1791.057	965.564	960.545	960.553	948.537	H ₇
R	19	1947.158	828.502	812.486	813.494	811.478	R ₆
K	20	2117.264	672.404	656.385	657.393	655.377	K ₅
V	21	2216.332	502.298	486.280	487.287	485.272	V ₄
L	22	2329.416	403.230	387.211	388.219	386.203	L ₃
R	23	2485.517	290.146	274.127	275.135	273.119	R ₂
D	24	2680.544	134.045	118.028	119.034	117.018	D ₁

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKR^(Dimethyl)_(28.03) HRK^(Acetyl)_(42.01) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=73.54
- ▶ F121546.dat
- ▶ query=q36004_p1
- ▶ precursor=651.139900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1301.268	1293.258	0.504	1292.753	S[24]
G[2]	102.553	1236.747	1228.737	0.504	1228.233	G[23]
R[3]	187.611	1208.236	1200.226	1200.730	1199.723	R[22]
G[4]	218.122	1123.777	1115.168	1115.972	1114.666	G[21]
K[5]	280.168	1094.667	1086.657	1087.161	1085.153	K[20]
G[6]	308.680	1020.619	1022.610	1023.114	1022.106	G[19]
G[7]	337.191	1002.108	994.099	994.603	993.595	G[18]
K[8]	401.238	973.598	965.588	966.092	965.084	K[17]
G[9]	429.749	908.550	901.541	902.045	901.037	G[16]
L[10]	489.291	885.040	873.030	873.534	872.526	L[15]
G[11]	514.802	824.488	816.488	818.992	815.984	G[14]
R[12]	578.849	795.967	787.977	788.481	787.474	R[13]
G[13]	607.360	731.939	723.930	724.434	723.426	G[12]
G[14]	635.871	703.429	695.419	695.923	694.915	G[11]
A[15]	671.389	674.918	666.908	667.412	666.405	A[10]
R[16]	728.437	636.399	631.399	631.904	630.395	R[9]
R[17]	827.503	578.362	567.362	567.866	566.859	R[8]
H[18]	886.032	483.288	475.276	475.780	474.772	H[7]
R[19]	974.083	414.756	406.747	407.251	406.243	R[6]
R[20]	1059.136	336.706	328.695	329.200	328.192	R[5]
V[21]	1108.670	251.653	243.643	244.147	243.140	V[4]
L[22]	1185.212	202.119	194.109	194.613	193.605	L[3]
D[23]	1243.262	148.577	137.567	138.071	137.064	D[2]
D[24]	1308.776	87.525	79.517	80.021	79.013	D[1]

sp | P62806 | H4_MOUSE

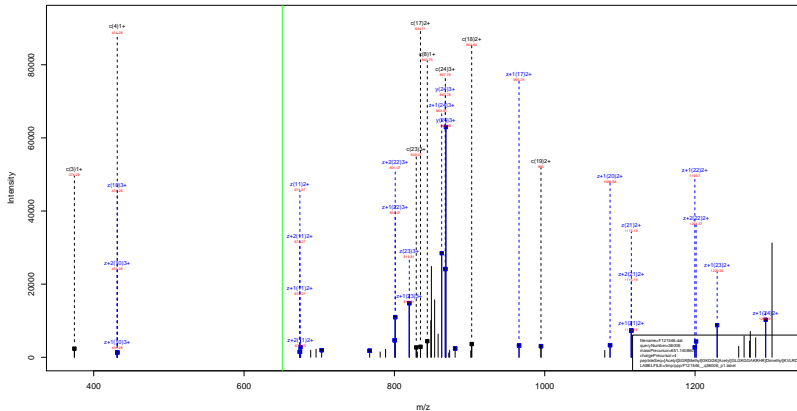
[Acetyl]SGR^{Methyl}_{14.02} GKGGKGLGKGGAKR^(Dimethyl)_(28.03) HRK^(Acetyl)_(42.01) VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=73.54
- ▶ F121546.dat
- ▶ query=q36004.p1
- ▶ precursor=651.139900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	867.848	862.508	0.672	852.172	S[24]
G[2]	68.704	824.833	819.494	0.672	819.158	G[23]
R[3]	125.410	805.826	800.487	800.823	800.151	R[22]
G[4]	144.417	749.121	743.781	744.117	743.445	G[21]
K[5]	187.115	730.114	724.774	725.110	724.438	K[20]
G[6]	206.122	687.415	682.076	682.412	681.740	G[19]
G[7]	225.130	608.408	603.069	603.404	602.733	G[18]
K[8]	267.828	649.801	644.061	644.397	643.725	K[17]
G[9]	286.835	606.703	601.363	601.699	601.027	G[16]
L[10]	324.530	587.695	582.355	582.692	582.020	L[15]
G[11]	353.537	550.001	544.661	544.997	544.325	G[14]
K[12]	386.235	530.994	525.654	525.990	525.318	K[13]
G[13]	405.242	488.295	482.956	483.292	482.620	G[12]
G[14]	434.249	469.288	463.949	464.285	463.613	G[11]
A[15]	447.929	450.281	444.941	445.277	444.605	A[10]
K[16]	490.627	426.602	421.262	421.598	420.926	K[9]
R[17]	552.004	383.904	378.564	378.900	378.228	R[8]
H[18]	597.691	322.526	317.187	317.523	316.851	H[7]
R[19]	649.724	276.840	271.500	271.836	271.164	R[6]
K[20]	708.426	224.806	219.467	219.803	219.131	K[5]
V[21]	739.449	108.104	102.765	103.101	102.429	V[4]
L[22]	777.144	135.082	129.742	130.078	129.406	L[3]
R[23]	829.177	97.387	92.047	92.383	91.711	R[2]
D[24]	867.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl} 14.02 GKGGK^{Acetyl} 42.01 GLGKGGAKRHR^{Dimethyl} 28.03 KVLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGK^{Acetyl}_{42.01} GLGKGGAKRHR^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=51.50
- ▶ F121546.dat
- ▶ query=q36006.p1
- ▶ precursor=651.140860
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2601.528	2585.510	0.000	2584.502	S[24]
G	2	294.098	2372.488	2368.467	0.000	2358.499	G[23]
R	3	374.215	2815.464	2799.448	2400.453	2798.438	R[22]
G	4	431.236	2245.148	2229.329	2230.337	2228.321	G[21]
K	5	559.331	2188.326	2172.307	2173.315	2171.300	K[20]
G	6	616.353	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	673.374	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	843.480	1946.189	1930.170	1931.177	1929.162	K[17]
G	9	900.501	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	1013.588	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1070.607	1605.977	1589.958	1590.966	1588.951	G[14]
K	12	1198.701	1548.956	1532.937	1533.945	1531.929	K[13]
G	13	1255.723	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1312.744	1303.839	1347.821	1348.828	1346.813	G[11]
A	15	1381.782	1306.818	1290.799	1291.807	1289.791	A[10]
K	16	1511.876	1238.781	1219.763	1220.770	1218.754	K[9]
R	17	1667.978	1137.686	1097.667	1092.675	1090.659	R[8]
H	18	1805.037	951.585	935.500	936.514	934.558	H[7]
R	19	1989.109	814.526	798.507	799.515	797.499	R[6]
K	20	2117.264	630.393	614.375	615.382	613.367	K[5]
V	21	2216.332	502.298	486.280	487.287	485.272	V[4]
L	22	2329.416	403.230	387.211	388.219	386.203	L[3]
R	23	2485.517	290.146	274.127	275.135	273.119	R[2]
D	24	2600.544	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGK^{Acetyl}_{42.01} GLGKGGAKRHR^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=51.50
- ▶ F121546.dat
- ▶ query=q36006_p1
- ▶ precursor=651.140860
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1301.268	1293.258	0.504	1292.755	S[24]
G	2	102.553	1236.747	1228.737	0.504	1228.233	G[23]
R	3	187.611	1208.236	1200.226	1200.730	1199.723	R[22]
G	4	218.122	1173.177	1115.168	1115.672	1114.664	G[21]
K	5	280.169	1094.667	1086.657	1087.161	1086.153	K[20]
G	6	308.680	1030.619	1022.610	1023.114	1022.108	G[19]
G	7	337.191	1002.108	994.099	994.603	993.595	G[18]
K	8	422.243	973.598	965.588	966.092	965.084	K[17]
G	9	450.754	888.545	880.536	881.040	880.032	G[16]
L	10	507.298	880.034	882.527	883.529	881.521	L[15]
G	11	535.807	803.492	795.483	795.987	794.979	G[14]
K	12	599.854	774.982	766.972	767.476	766.468	K[13]
G	13	628.365	710.934	702.925	703.429	702.421	G[12]
G	14	656.876	682.423	674.414	674.918	673.910	G[11]
A	15	682.384	653.913	645.903	646.407	645.399	A[10]
R	16	758.443	618.384	610.385	610.889	609.881	R[9]
R	17	834.492	554.347	546.337	546.841	545.833	R[8]
H	18	903.022	476.296	468.287	468.791	467.783	H[7]
R	19	995.088	407.767	399.757	400.261	399.253	R[6]
K	20	1059.136	315.700	307.691	308.195	307.187	K[5]
V	21	1108.670	251.653	243.643	244.147	243.140	V[4]
L	22	1165.212	202.119	194.109	194.613	193.605	L[3]
R	23	1243.262	145.577	137.567	138.071	137.063	R[2]
D	24	1300.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGK^{Acetyl}_{42.01} GLGKGGAKRHR^{Dimethyl}_{28.03} KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=51.50
- ▶ F121546.dat
- ▶ query=q36006.p1
- ▶ precursor=651.140860
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	867.848	862.508	0.672	862.172	S[24]
G[2]	58.704	324.932	819.494	0.672	819.158	G[23]
R[3]	125.410	805.826	800.487	800.823	800.151	R[22]
G[4]	144.417	749.121	743.781	744.117	743.445	G[21]
K[5]	187.115	730.114	724.774	725.110	724.438	K[20]
G[6]	206.122	687.415	682.076	682.412	681.740	G[19]
G[7]	225.130	668.408	663.069	663.404	662.733	G[18]
K[8]	281.831	649.401	644.061	644.397	643.725	K[17]
G[9]	300.839	592.595	587.255	587.591	587.024	G[16]
L[10]	338.533	574.592	568.252	568.588	568.016	L[15]
G[11]	357.540	535.997	530.658	530.994	530.322	G[14]
K[12]	400.239	516.990	511.651	511.986	511.315	K[13]
G[13]	419.246	474.292	468.952	469.288	468.616	G[12]
G[14]	438.253	455.285	449.945	450.281	449.609	G[11]
A[15]	461.932	436.277	430.938	431.274	430.602	A[10]
K[16]	504.630	412.598	407.259	407.595	406.923	K[9]
R[17]	556.664	369.900	364.561	364.896	364.225	R[8]
H[18]	602.350	317.896	312.527	312.863	312.191	H[7]
R[19]	663.728	272.180	266.841	267.176	266.505	R[6]
K[20]	706.426	210.803	205.463	205.799	205.127	K[5]
V[21]	739.449	168.104	162.765	163.101	162.429	V[4]
L[22]	777.144	135.082	129.742	130.078	129.406	L[3]
R[23]	829.177	97.387	92.047	92.383	91.711	R[2]
D[24]	867.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLR^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=73.43
- ▶ F121546.dat
- ▶ query=q36294.p1
- ▶ precursor=658.139070
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2629.533	2633.505	0.000	2612.497	S[24]
G	2	204.098	2500.481	2484.402	0.000	2483.454	G[23]
T	3	300.199	2343.459	2427.441	2629.448	2428.433	T[22]
G	4	417.220	2287.358	2271.339	2272.347	2270.332	G[21]
K	5	545.315	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	602.337	2102.242	2086.223	2087.231	2085.215	G[19]
G	7	659.358	2045.220	2029.202	2030.209	2028.194	G[18]
K	8	787.453	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	844.475	1860.104	1844.085	1845.093	1843.077	G[16]
L	10	897.509	1803.082	1787.064	1788.071	1786.055	L[15]
G	11	1014.580	1689.998	1673.980	1674.987	1672.972	G[14]
K	12	1184.686	1632.977	1616.958	1617.966	1615.950	K[13]
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1369.766	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1539.874	1277.792	1261.773	1262.780	1260.765	K[9]
R	17	1695.973	1107.666	1091.667	1092.675	1090.659	R[8]
H	18	1833.031	951.585	935.566	936.574	934.558	H[7]
R	19	1989.133	814.526	798.507	799.515	797.499	R[6]
K	20	2131.243	658.425	642.406	643.414	641.398	K[5]
V	21	2230.312	516.314	500.295	501.303	499.287	V[4]
L	22	2343.396	417.346	401.227	402.235	400.219	L[3]
L	23	2513.512	304.103	288.083	289.091	287.075	L[2]
D	24	2628.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Methyl}_{14.02} VLR^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=73.43
- ▶ F121546.dat
- ▶ query=q36294_p1
- ▶ precursor=658.139070
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.049	1315.265	1307.256	0.504	1306.750	S[24]
G	2	102.553	1250.744	1242.735	0.504	1242.231	G[23]
R	3	180.053	1222.233	1215.224	1214.726	1214.220	R[22]
G	4	260.118	1144.183	1136.173	1136.677	1135.669	G[21]
K	5	273.151	1115.672	1107.663	1108.167	1107.159	K[20]
G	6	301.879	1051.625	1043.615	1044.119	1043.111	G[19]
G	7	330.189	1023.114	1015.104	1015.608	1014.601	G[18]
K	8	354.230	994.603	986.594	987.098	986.090	K[17]
G	9	422.741	830.556	822.546	823.050	822.042	G[16]
L	10	479.263	802.046	804.035	804.539	803.531	L[15]
G	11	507.794	845.503	837.493	837.997	836.990	G[14]
K	12	592.847	816.992	808.983	809.487	808.479	K[13]
G	13	621.357	731.939	723.930	724.434	723.426	G[12]
G	14	649.868	703.429	695.419	695.923	694.915	G[11]
A	15	685.387	674.918	666.908	667.412	666.405	A[10]
R	16	770.430	639.369	631.360	631.864	630.856	R[9]
R	17	848.490	554.347	546.337	546.841	545.833	R[8]
H	18	917.019	476.296	468.287	468.791	467.783	H[7]
R	19	995.070	407.767	399.757	400.261	399.253	R[6]
K	20	1066.125	329.716	321.707	322.211	321.203	K[5]
V	21	1115.659	258.661	250.652	251.155	250.147	V[4]
L	22	1175.201	209.126	201.117	201.621	200.613	L[3]
R	23	1257.260	152.584	144.575	145.079	144.071	R[2]
D	24	1314.775	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 GGAK ^{Acetyl}42.01 RHRK ^{Methyl}14.02 VLR ^{Methyl}14.02 D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=73.43
- ▶ F121546.dat
- ▶ query=q36294.p1
- ▶ precursor=658.139070
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	871.840	0.672	871.504	S[24]
G[2]	58.704	134.165	826.826	0.672	826.490	G[23]
R[3]	150.738	815.158	809.818	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	758.121	757.449	G[21]
K[5]	182.443	744.117	738.778	739.113	738.442	K[20]
G[6]	201.450	701.419	696.079	696.415	695.743	G[19]
G[7]	220.458	682.412	677.072	677.408	676.736	G[18]
K[8]	263.156	663.404	658.063	658.401	657.729	K[17]
G[9]	282.163	620.706	615.367	615.703	615.031	G[16]
L[10]	319.858	601.699	596.359	596.695	596.023	L[15]
G[11]	338.865	564.004	558.665	559.001	558.329	G[14]
K[12]	395.567	544.997	539.658	539.994	539.322	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]
R[17]	565.996	369.900	364.561	364.896	364.225	R[8]
H[18]	611.682	317.866	312.527	312.863	312.191	H[7]
R[19]	663.716	272.180	266.841	267.176	266.505	R[6]
K[20]	711.088	220.146	214.807	215.143	214.471	K[5]
V[21]	764.109	172.776	167.437	167.773	167.101	V[4]
L[22]	781.803	139.753	134.414	134.750	134.078	L[3]
R[23]	838.509	102.059	96.719	97.055	96.383	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGKGLGKGGAKR^{Dimethyl}_{28.03} HRK^{Acetyl}_{42.01} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=82.16
- ▶ F121546.dat
- ▶ query=q36295.p1
- ▶ precursor=658.139110
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2629.523	2613.505	0.000	2612.497	S[24]
G	2	224.998	2509.481	2494.462	0.000	2493.454	G[23]
R	3	360.199	2643.459	2627.441	2426.448	2426.431	R[22]
G	4	417.320	2287.358	2271.339	2272.347	2270.332	G[21]
K	5	587.326	2230.337	2214.318	2215.326	2213.310	K[20]
G	6	644.347	2060.231	2044.212	2045.220	2043.205	G[19]
G	7	701.369	2003.210	1987.191	1988.199	1986.183	G[18]
K	8	829.464	1946.188	1930.170	1931.177	1929.162	K[17]
G	9	886.485	1818.083	1802.075	1803.082	1801.067	G[16]
L	10	959.509	1761.072	1745.053	1746.061	1744.045	L[15]
G	11	1056.591	1647.985	1631.966	1632.977	1630.961	G[14]
K	12	1184.686	1590.960	1574.948	1575.955	1573.940	K[13]
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1369.766	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1497.861	1277.793	1261.773	1262.780	1260.765	K[9]
R	17	1681.899	1149.696	1133.676	1134.683	1132.670	R[8]
H	18	1519.052	965.564	949.545	950.553	948.537	H[7]
R	19	1975.153	828.505	812.486	813.494	811.478	R[6]
K	20	2145.259	672.404	656.385	657.393	655.377	K[5]
V	21	2244.327	502.298	486.280	487.287	485.272	V[4]
L	22	2367.411	403.230	387.211	388.219	386.203	L[3]
R	23	2513.512	290.146	274.127	275.135	273.119	R[2]
D	24	2628.539	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR GK ^{Acetyl}_{42.01} GGKGLGKGGAKR ^{Dimethyl}_{28.03} HRK ^{Acetyl}_{42.01} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=82.16
- ▶ F121546.dat
- ▶ query=q36295_p1
- ▶ precursor=658.139110
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1315.205	1307.256	0.504	1306.752	S[24]
G	2	102.553	1290.744	1242.735	0.504	1242.231	G[23]
R	3	180.063	1222.233	1274.225	1214.726	1213.720	R[22]
G	4	259.114	1144.383	1136.173	1136.677	1135.669	G[21]
K	5	294.167	1115.872	1107.663	1108.167	1107.159	K[20]
G	6	322.677	1030.619	1022.610	1023.114	1022.106	G[19]
G	7	351.188	1002.108	994.099	994.603	993.595	G[18]
K	8	415.236	973.598	965.588	966.092	965.084	K[17]
G	9	443.746	909.350	901.541	902.045	901.037	G[16]
L	10	500.288	881.040	873.032	873.534	872.526	L[15]
G	11	528.799	824.498	816.488	816.992	815.984	G[14]
K	12	592.847	795.987	787.977	788.481	787.474	K[13]
G	13	621.357	731.639	723.930	724.434	723.426	G[12]
G	14	649.868	703.429	695.419	695.923	694.915	G[11]
A	15	685.357	674.918	666.908	667.412	666.405	A[10]
R	16	749.434	639.399	631.391	631.894	630.886	R[9]
R	17	841.500	575.352	567.342	567.846	566.838	R[8]
H	18	910.030	483.288	475.278	475.780	474.772	H[7]
R	19	988.080	414.756	406.747	407.251	406.243	R[6]
K	20	1073.133	336.706	328.696	329.200	328.192	K[5]
V	21	1122.667	251.653	243.643	244.147	243.140	V[4]
L	22	1179.239	202.219	194.209	194.713	193.705	L[3]
R	23	1257.280	145.577	137.567	138.071	137.063	R[2]
D	24	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK_{42.01} GGKGLGKGGAKR^{Dimethyl} HRK^{Acetyl} VLRD_{28.03 42.01}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=82.16
- ▶ F121546.dat
- ▶ query=q36295.p1
- ▶ precursor=658.139110
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	871.840	0.672	871.504	S[24]
G[2]	58.704	134.105	826.826	0.672	826.490	G[23]
R[3]	150.738	815.158	809.818	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	758.121	757.449	G[21]
K[5]	196.447	744.117	738.778	739.113	738.442	K[20]
G[6]	215.454	687.415	682.076	682.412	681.740	G[19]
G[7]	234.461	668.408	663.069	663.404	662.733	G[18]
K[8]	277.159	649.401	644.061	644.397	643.725	K[17]
G[9]	286.167	636.703	602.363	603.699	601.027	G[16]
L[10]	313.881	587.695	582.356	582.692	582.020	L[15]
G[11]	352.868	550.001	544.661	544.997	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	499.958	426.602	421.262	421.598	420.926	K[9]
R[17]	561.136	383.904	378.564	378.900	378.228	R[8]
H[18]	607.622	322.526	317.187	317.523	316.851	H[7]
R[19]	659.056	276.840	271.500	271.836	271.164	R[6]
K[20]	715.758	224.806	219.467	219.803	219.131	K[5]
V[21]	748.781	168.104	162.765	163.101	162.429	V[4]
L[22]	786.475	135.082	129.742	130.078	129.406	L[3]
R[23]	838.509	97.387	92.047	92.383	91.711	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAKR** (Methyl)
(14.02) HRKVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.45
- ▶ F121546.dat
- ▶ query=q36526.p1
- ▶ precursor=665.137850
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	147.076	2057.518	2641.500	0.000	2040.492	S[24]
G	204.098	2528.476	2512.457	0.000	2511.449	G[23]
R	300.199	2372.454	2485.435	2469.413	2354.425	R[22]
Q	417.220	2315.351	2299.334	2300.342	2298.327	Q[21]
K	587.326	2258.332	2242.313	2243.321	2241.305	K[20]
G	644.347	2088.226	2072.207	2073.215	2071.200	G[19]
G	701.369	2031.205	2015.186	2016.194	2014.178	G[18]
K	871.474	1974.183	1958.164	1959.172	1957.157	K[17]
G	938.496	1804.078	1788.059	1789.067	1787.051	G[16]
L	1041.580	1747.959	1731.937	1732.945	1730.935	L[15]
Q	1058.601	1653.977	1617.953	1618.961	1616.946	Q[14]
K	1268.707	1576.951	1560.932	1561.940	1559.924	K[13]
G	1325.728	1406.845	1390.826	1391.834	1389.819	G[12]
G	1382.750	1349.824	1333.805	1334.813	1332.797	G[11]
A	1453.787	1292.802	1276.783	1277.791	1275.776	A[10]
K	1581.882	1221.765	1205.746	1206.754	1204.739	K[9]
R	1751.990	1091.670	1077.651	1078.659	1076.644	R[8]
H	1889.058	923.551	907.535	908.542	906.527	H[7]
R	2045.150	786.464	770.476	771.484	769.468	R[6]
K	2173.254	630.393	614.375	615.382	613.367	K[5]
V	2272.322	502.298	486.280	487.287	485.272	V[4]
L	2385.406	403.230	387.211	388.219	386.203	L[3]
R	2541.507	290.146	274.127	275.135	273.119	R[2]
D	2656.534	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGGK_{Acetyl}_{42.01} GGK_{Acetyl}_{42.01} GLGK_{Acetyl}_{42.01} GGAKR_(Methyl)_(14.02) HRKVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.45
- ▶ F121546.dat
- ▶ query=q36526.p1
- ▶ precursor=665.137850
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1329.263	1321.253	0.504	1320.749	S[24]
G[2]	102.553	1204.741	1256.732	0.504	1256.238	G[23]
R[3]	180.603	1236.231	1228.221	1228.725	1227.717	R[22]
G[4]	209.114	1158.380	1150.171	1150.675	1149.567	G[21]
K[5]	294.167	1129.669	1121.660	1122.164	1121.156	K[20]
G[6]	322.677	1044.617	1036.607	1037.111	1036.103	G[19]
G[7]	351.188	1016.106	1008.097	1008.601	1007.593	G[18]
K[8]	436.241	987.595	979.586	980.090	979.082	K[17]
G[9]	464.752	902.542	894.533	895.037	894.029	G[16]
L[10]	521.294	814.032	806.022	806.526	805.518	L[15]
G[11]	549.804	817.490	809.480	809.984	808.976	G[14]
K[12]	634.857	788.979	780.970	781.474	780.466	K[13]
G[13]	663.368	703.926	695.917	696.421	695.413	G[12]
G[14]	691.879	675.415	667.406	667.910	666.902	G[11]
A[15]	727.397	646.905	638.895	639.399	638.391	A[10]
R[16]	791.450	611.396	603.377	603.881	602.873	R[9]
R[17]	876.503	547.339	539.320	539.823	538.825	R[8]
H[18]	945.032	402.280	454.271	454.775	453.767	H[7]
R[19]	1023.083	393.751	385.741	386.245	385.238	R[6]
R[20]	1087.130	315.700	307.691	308.195	307.187	R[5]
V[21]	1138.665	251.653	243.643	244.147	243.140	V[4]
L[22]	1193.207	202.119	194.109	194.613	193.605	L[3]
L[23]	1213.297	149.277	137.567	138.071	137.063	L[2]
D[24]	1328.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAKR^(Methyl)_(14.02) HRKVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.45
- ▶ F121546.dat
- ▶ query=q36526.p1
- ▶ precursor=665.137850
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	886.511	881.171	0.672	880.835	S[24]
G[2]	68.704	843.697	838.157	0.672	837.521	G[23]
R[3]	120.738	824.490	819.150	819.486	818.814	R[22]
G[4]	139.745	772.456	767.110	767.452	766.780	G[21]
K[5]	196.447	753.449	748.100	748.445	747.773	K[20]
G[6]	215.454	696.747	691.407	691.743	691.071	G[19]
G[7]	234.461	677.740	672.400	672.736	672.064	G[18]
K[8]	291.163	658.733	653.393	653.729	653.057	K[17]
G[9]	310.170	602.031	596.691	597.027	596.355	G[16]
L[10]	347.865	383.024	377.684	378.020	377.348	L[15]
G[11]	369.872	349.529	349.869	349.328	349.553	G[14]
K[12]	423.574	326.522	320.982	321.318	320.646	K[13]
G[13]	442.581	469.620	464.280	464.616	463.944	G[12]
G[14]	461.588	450.613	445.273	445.609	444.937	G[11]
A[15]	485.267	431.606	426.266	426.602	425.930	A[10]
K[16]	527.966	407.927	402.587	402.923	402.251	K[9]
R[17]	584.671	365.228	359.889	360.225	359.553	R[8]
H[18]	630.357	308.523	303.183	303.519	302.847	H[7]
R[19]	682.391	262.836	257.497	257.833	257.161	R[6]
K[20]	725.089	210.803	205.463	205.799	205.127	K[5]
V[21]	758.112	169.104	162.765	163.101	162.429	V[4]
L[22]	795.807	135.082	129.742	130.078	129.406	L[3]
R[23]	847.841	97.387	92.047	92.383	91.711	R[2]
D[24]	886.183	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.59
- ▶ F121546.dat
- ▶ query=q36646.p1
- ▶ precursor=535.112370
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2671.534	2655.515	0.000	2654.507	S[24]
G	2	254.098	2542.491	2528.473	0.000	2525.465	G[23]
R	3	360.199	2626.470	2469.451	2470.459	2468.443	R[22]
G	4	417.220	2320.868	2311.850	2314.858	2312.842	G[21]
K	5	545.315	2272.347	2256.329	2257.336	2255.321	K[20]
G	6	602.337	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	659.358	2087.231	2071.212	2072.220	2070.204	G[18]
K	8	829.464	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	886.485	1890.104	1884.085	1885.093	1883.077	G[16]
L	10	993.959	1803.064	1787.045	1788.053	1786.036	L[15]
G	11	1056.591	1588.958	1573.939	1574.947	1572.932	G[14]
K	12	1226.696	1532.937	1516.918	1517.926	1515.910	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1581.882	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1737.983	1197.666	1191.647	1192.655	1190.639	R[8]
H	18	1875.042	951.585	935.566	936.574	934.558	H[7]
R	19	2031.143	814.526	798.507	799.515	797.499	R[6]
K	20	2187.269	658.425	642.406	643.414	641.398	K[5]
V	21	2286.338	502.298	486.280	487.287	485.272	V[4]
L	22	2399.422	403.230	387.211	388.219	386.203	L[3]
R	23	2555.523	290.146	274.127	275.135	273.119	R[2]
D	24	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.59
- ▶ F121546.dat
- ▶ query=q36646.p1
- ▶ precursor=535.112370
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.642	1336.271	1326.261	0.904	1327.757	S[24]
G	2	102.563	1271.749	1263.740	0.904	1263.230	G[23]
R	3	180.603	1243.239	1235.229	1236.733	1234.725	R[22]
G	4	259.114	1165.189	1157.179	1157.683	1156.675	G[21]
K	5	273.101	1136.677	1128.668	1129.172	1128.164	K[20]
G	6	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	330.183	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	415.236	1015.608	1007.599	1008.103	1007.095	K[17]
G	9	443.746	930.556	922.546	923.050	922.042	G[16]
L	10	509.280	902.045	894.035	894.539	893.531	L[15]
G	11	528.799	845.503	837.493	837.997	836.990	G[14]
K	12	613.852	816.992	808.983	809.487	808.479	K[13]
G	13	642.363	731.939	723.930	724.434	723.426	G[12]
G	14	670.873	703.429	695.419	695.923	694.915	G[11]
A	15	706.392	674.918	666.908	667.412	666.405	A[10]
R	16	731.445	639.399	631.390	631.894	630.886	R[9]
R	17	809.495	554.347	546.337	546.841	545.833	R[8]
H	18	938.025	478.290	468.287	468.791	467.783	H[7]
R	19	1016.075	407.707	399.757	400.261	399.253	R[6]
K	20	1094.138	329.716	321.707	322.211	321.203	K[5]
V	21	1143.673	251.653	243.643	244.147	243.140	V[4]
L	22	1209.219	202.119	194.109	194.613	193.605	L[3]
R	23	1278.265	145.577	137.567	138.071	137.063	R[2]
D	24	1335.779	67.528	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.59
- ▶ F121546.dat
- ▶ query=q36646.p1
- ▶ precursor=535.112370
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	885.843	0.672	885.507	S[24]
G[2]	58.704	848.169	842.829	0.672	842.493	G[23]
R[3]	150.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	182.443	758.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	630.798	615.367	615.703	615.031	G[16]
L[10]	313.681	601.699	596.359	596.695	596.023	L[15]
G[11]	352.868	504.024	539.658	539.001	538.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.896	312.527	312.863	312.191	H[7]
R[19]	677.719	272.180	266.841	267.176	266.505	R[6]
K[20]	729.761	220.140	214.807	215.143	214.471	K[5]
V[21]	762.784	168.104	162.765	163.101	162.429	V[4]
L[22]	800.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	896.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^{Acetyl}_{42.01} RHRK ^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.59
- ▶ F121546.dat
- ▶ query=q36646.p1
- ▶ precursor=535.112370
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	668.639	664.634	0.755	664.182	S[24]
G[2]	51.780	536.378	632.374	0.755	632.122	G[23]
R[3]	90.805	622.123	618.118	618.370	617.866	R[22]
G[4]	105.061	583.098	579.093	579.345	578.841	G[21]
K[5]	137.084	568.842	564.838	565.090	564.586	K[20]
G[6]	151.340	536.819	532.814	533.066	532.562	G[19]
G[7]	165.595	522.563	518.558	518.810	518.307	G[18]
K[8]	208.121	508.308	504.303	504.555	504.051	K[17]
G[9]	222.377	490.781	486.777	487.029	486.525	G[16]
L[10]	250.048	451.526	447.521	447.773	447.269	L[15]
G[11]	264.303	423.255	419.250	419.502	418.998	G[14]
K[12]	307.430	409.000	404.995	405.247	404.743	K[13]
G[13]	321.685	366.473	362.469	362.721	362.217	G[12]
G[14]	335.940	352.218	348.213	348.465	347.961	G[11]
A[15]	353.700	337.963	333.958	334.210	333.706	A[10]
K[16]	398.226	320.203	316.199	316.451	315.947	K[9]
R[17]	435.251	277.877	273.672	273.924	273.420	R[8]
H[18]	469.516	238.652	234.647	234.899	234.395	H[7]
R[19]	508.541	204.397	200.392	200.644	200.140	R[6]
K[20]	547.573	165.362	161.357	161.609	161.105	K[5]
V[21]	572.340	126.330	122.325	122.577	122.073	V[4]
L[22]	600.611	101.563	97.558	97.810	97.306	L[3]
R[23]	639.636	73.292	69.287	69.539	69.035	R[2]
D[24]	668.393	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGKGGAKR^(Methyl) HR^(Methyl) K^(Acetyl) VL^(14.02)RD^(14.02) (42.01)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.32
- ▶ F121546.dat
- ▶ query=q36647.p1
- ▶ precursor=668.639000
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2071.534	2055.515	0.000	2054.507	S[24]
G	2	254.088	2542.491	2526.473	0.000	2525.465	G[23]
R	3	360.199	2335.470	2349.451	2470.459	2368.443	R[22]
G	4	417.200	2320.559	2313.350	2314.358	2312.342	G[21]
K	5	587.326	2272.147	2256.329	2257.336	2255.321	K[20]
G	6	644.347	2102.242	2086.223	2087.231	2085.215	G[19]
G	7	701.369	2045.220	2029.202	2030.209	2028.194	G[18]
K	8	871.474	1988.199	1972.180	1973.188	1971.172	K[17]
G	9	928.496	1818.093	1802.075	1803.082	1801.067	G[16]
L	10	1061.280	1751.072	1745.053	1746.061	1744.045	L[15]
G	11	1098.011	1547.986	1531.969	1532.977	1530.961	G[14]
K	12	1226.096	1590.965	1574.948	1575.955	1573.940	K[13]
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1539.871	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1709.889	1149.696	1133.678	1134.685	1132.670	R[8]
H	18	1847.987	979.385	963.367	964.369	962.353	H[7]
R	19	2017.104	842.521	826.502	827.510	825.494	R[6]
K	20	2187.209	672.404	656.385	657.393	655.377	K[5]
V	21	2286.338	502.290	486.280	487.287	485.272	V[4]
L	22	2389.422	403.230	387.211	388.219	386.203	L[3]
R	23	2555.523	290.146	274.127	275.135	273.119	R[2]
D	24	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GK^{Acetyl} GK^{42.01} GLGKGGAKR^(Methyl) (14.02) HR^(Methyl) (14.02) K^(Acetyl) (42.01) VL^{Acetyl}LRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.32
- ▶ F121546.dat
- ▶ query=q36647.p1
- ▶ precursor=668.639000
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1336.271	1326.261	0.504	1327.757	S[24]
G[2]	102.553	1271.749	1263.740	0.504	1263.239	G[23]
R[3]	180.603	1243.239	1235.229	1235.733	1234.725	R[22]
G[4]	209.114	1169.188	1157.179	1157.683	1156.675	G[21]
K[5]	294.167	1138.677	1128.668	1129.172	1128.164	K[20]
G[6]	322.677	1061.625	1043.615	1044.119	1043.111	G[19]
G[7]	351.188	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	436.241	994.603	986.594	987.098	986.090	K[17]
G[9]	464.752	909.550	903.541	902.045	901.037	G[16]
L[10]	521.264	881.040	873.030	873.534	872.525	L[15]
G[11]	549.804	824.498	818.489	816.992	815.984	G[14]
K[12]	613.852	795.987	787.977	788.481	787.474	K[13]
G[13]	642.363	731.938	723.930	724.434	723.426	G[12]
G[14]	670.873	703.429	695.419	695.923	694.915	G[11]
A[15]	708.392	674.918	666.908	667.412	666.405	A[10]
K[16]	770.439	639.369	631.359	631.864	630.856	K[9]
R[17]	853.488	575.352	567.343	567.846	566.839	R[8]
H[18]	924.027	490.293	482.284	482.788	481.780	H[7]
R[19]	1009.088	421.784	413.775	414.279	413.271	R[6]
K[20]	1094.138	336.706	328.696	329.200	328.192	K[5]
V[21]	1143.673	251.653	243.643	244.147	243.140	V[4]
L[22]	1200.215	202.119	194.109	194.613	193.605	L[3]
R[23]	1278.265	134.517	127.507	128.011	127.003	R[2]
D[24]	1333.778	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

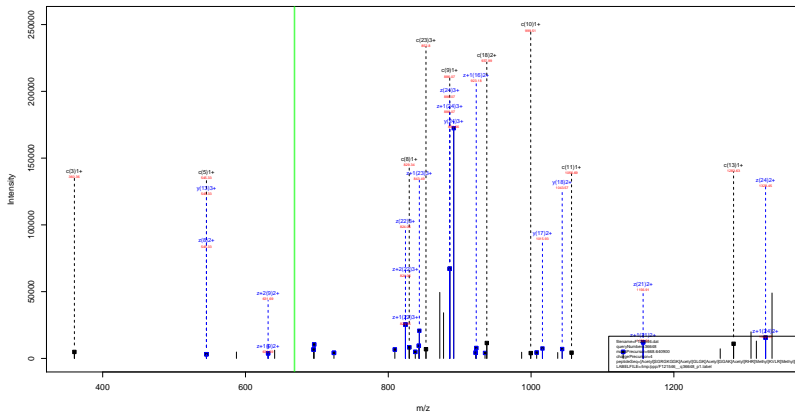
[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGKGGAKR^(Methyl) (14.02) HR^(Methyl) (14.02) K^(Acetyl) (42.01) VL^{Acetyl}LRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.32
- ▶ F121546.dat
- ▶ query=q36647.p1
- ▶ precursor=668.639000
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	891.183	885.843	0.672	885.207	S[24]
G[2]	68.704	848.169	842.829	0.672	842.493	G[23]
R[3]	120.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.482	G[21]
K[5]	196.447	758.121	752.781	753.117	752.445	K[20]
G[6]	215.454	701.419	696.079	696.415	695.743	G[19]
G[7]	234.461	682.412	677.072	677.408	676.736	G[18]
K[8]	291.163	663.404	658.063	658.401	657.729	K[17]
G[9]	310.170	606.703	601.363	601.699	601.027	G[16]
L[10]	347.895	587.695	582.355	582.692	582.020	L[15]
G[11]	386.972	530.001	544.661	544.997	544.325	G[14]
K[12]	409.570	530.994	525.654	525.990	525.318	K[13]
G[13]	428.577	488.295	482.955	483.292	482.620	G[12]
G[14]	447.585	469.288	463.948	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	513.962	426.602	421.262	421.598	420.926	K[9]
R[17]	570.668	383.904	378.564	378.900	378.228	R[8]
H[18]	616.354	327.196	321.856	322.194	321.523	H[7]
R[19]	673.059	281.512	276.172	276.508	275.836	R[6]
K[20]	729.761	224.806	219.466	219.803	219.131	K[5]
V[21]	752.784	168.104	162.764	163.101	162.429	V[4]
L[22]	860.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK (Acetyl) (42.01) RHR (Methyl) (14.02) KVLK (Methyl) (14.02) D



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^(Acetyl)_(42.01) RHR ^(Methyl)_(14.02) KVLK ^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.01
- ▶ F121546.dat
- ▶ query=q36648.p1
- ▶ precursor=668.640900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	147.076	2671.534	2655.515	0.000	2654.507	S
G	264.098	2542.491	2526.473	0.000	2525.465	G
R	360.159	2395.470	2369.451	2470.439	2368.443	R
G	417.230	2329.360	2313.350	2314.358	2312.342	G
K	545.315	2272.347	2256.339	2257.336	2255.321	K
G	602.337	2144.252	2128.234	2129.241	2127.226	G
G	669.358	2087.231	2071.210	2072.220	2070.204	G
K	829.464	2030.209	2014.191	2015.198	2013.183	K
G	886.485	1890.104	1844.085	1845.093	1843.077	G
L	939.566	1803.082	1787.064	1788.071	1786.055	L
G	1056.591	1680.990	1673.980	1674.987	1672.972	G
K	1226.696	1632.977	1616.958	1617.966	1615.950	K
G	1283.718	1462.871	1446.853	1447.860	1445.845	G
G	1340.739	1405.850	1389.831	1390.839	1388.823	G
A	1411.776	1348.828	1332.810	1333.818	1331.802	A
K	1581.882	1277.791	1261.773	1262.780	1260.765	K
R	1737.983	1107.686	1091.667	1092.675	1090.659	R
H	1878.042	951.580	935.566	936.574	934.558	H
R	2048.150	814.520	798.507	799.515	797.499	R
K	2173.254	644.400	628.390	629.398	627.382	K
V	2272.322	516.314	500.296	501.303	499.287	V
L	2385.406	417.240	401.227	402.235	400.219	L
R	2555.523	304.162	288.143	289.151	287.135	R
D	2670.550	134.045	118.028	119.034	117.018	D

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGK ^{Acetyl}_{42.01} GGAK ^(Acetyl)_(42.01) RHR ^(Methyl)_(14.02) KVLK ^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.01
- ▶ F121546.dat
- ▶ query=q36648.p1
- ▶ precursor=668.640900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1336.271	1328.261	0.504	1327.757	S[24]
G[2]	102.553	1271.749	1263.740	0.504	1263.236	G[23]
R[3]	180.603	1243.239	1235.230	1235.733	1234.725	R[22]
G[4]	269.114	1186.388	1157.179	1157.683	1156.675	G[21]
K[5]	275.183	1136.877	1128.668	1129.172	1128.166	K[20]
G[6]	301.672	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	330.183	1044.119	1036.110	1036.614	1035.608	G[18]
K[8]	415.230	1015.608	1007.599	1008.103	1007.095	K[17]
G[9]	441.746	930.556	922.546	923.050	922.042	G[16]
L[10]	500.289	802.045	794.035	794.539	793.531	L[15]
G[11]	526.799	845.503	837.493	837.997	836.990	G[14]
K[12]	611.852	816.992	808.983	809.487	808.479	K[13]
G[13]	642.363	731.939	723.930	724.434	723.426	G[12]
G[14]	670.873	703.429	695.419	695.923	694.915	G[11]
A[15]	706.382	674.918	666.908	667.412	666.405	A[10]
R[16]	791.443	639.369	631.360	631.864	630.856	R[9]
R[17]	869.495	554.347	546.337	546.841	545.833	R[8]
H[18]	938.025	476.295	468.285	468.791	467.783	H[7]
R[19]	1023.083	407.767	399.757	400.261	399.253	R[6]
K[20]	1087.130	322.708	314.699	315.203	314.195	K[5]
V[21]	1136.665	258.661	250.651	251.155	250.147	V[4]
L[22]	1193.203	209.126	201.117	201.621	200.613	L[3]
R[23]	1278.205	152.584	144.575	145.079	144.071	R[2]
D[24]	1335.779	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

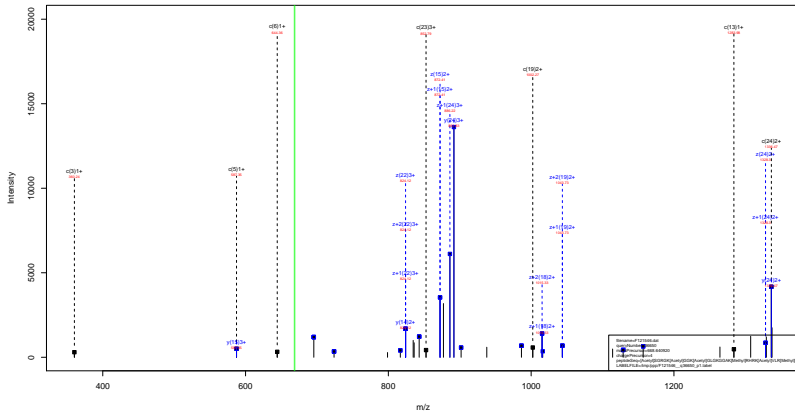
[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^(Acetyl)_(42.01) RHR^(Methyl)_(14.02) KVLK^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.01
- ▶ F121546.dat
- ▶ query=q36648.p1
- ▶ precursor=668.640900
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	891.183	885.843	0.672	885.507	S[24]
G[2]	68.704	848.169	842.829	0.672	842.493	G[23]
R[3]	120.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.482	G[21]
K[5]	182.443	758.121	752.781	753.117	752.445	K[20]
G[6]	201.450	715.422	710.083	710.419	709.747	G[19]
G[7]	220.458	696.415	691.076	691.412	690.740	G[18]
K[8]	277.159	677.408	672.068	672.404	671.732	K[17]
G[9]	296.167	620.706	615.367	615.703	615.031	G[16]
L[10]	313.264	601.699	596.359	596.695	596.022	L[15]
G[11]	352.868	544.004	538.665	539.001	538.329	G[14]
K[12]	409.570	544.997	539.658	539.994	539.322	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	527.966	426.602	421.262	421.598	420.926	K[9]
R[17]	579.999	369.900	364.561	364.896	364.225	R[8]
H[18]	625.686	317.866	312.527	312.863	312.191	H[7]
R[19]	682.391	272.180	266.841	267.176	266.505	R[6]
K[20]	725.089	215.875	210.535	210.871	209.999	K[5]
V[21]	758.112	172.776	167.437	167.773	167.101	V[4]
L[22]	795.807	130.753	134.414	134.750	134.078	L[3]
R[23]	852.513	102.059	96.719	97.055	96.383	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGKGGAK Methyl 14.02 RHRK Acetyl 42.01 VLR Methyl 14.02 D



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAK^{Methyl}_{14.02} RHRK^{Acetyl}_{42.01} VLR^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=53.49
- ▶ F121546.dat
- ▶ query=q36650.p1
- ▶ precursor=668.640920
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2671.534	2655.515	0.000	2654.507	S	24
G	2	224.998	2242.491	2226.473	0.000	2225.465	G	23
R	3	360.199	2405.471	2409.431	2470.459	2468.441	R	22
G	4	417.220	2329.369	2313.350	2314.358	2312.342	G	21
K	5	507.326	2272.347	2256.329	2257.336	2255.321	K	20
G	6	644.347	2102.242	2086.223	2087.231	2085.215	G	19
G	7	701.369	2045.220	2029.202	2030.209	2028.194	G	18
K	8	871.474	1988.199	1972.180	1973.188	1971.172	K	17
G	9	828.496	1818.093	1802.075	1803.082	1801.067	G	16
L	10	1043.580	1761.072	1745.053	1746.061	1744.045	L	15
G	11	1098.601	1647.985	1631.966	1632.977	1630.961	G	14
K	12	1226.696	1590.966	1574.948	1575.955	1573.940	K	13
G	13	1283.718	1462.871	1446.853	1447.860	1445.845	G	12
G	14	1340.739	1405.850	1389.831	1390.839	1388.823	G	11
A	15	1411.770	1348.828	1332.810	1333.818	1331.802	A	10
K	16	1553.887	1277.791	1261.773	1262.780	1260.765	K	9
R	17	1709.898	1129.691	1113.682	1120.670	1118.654	R	8
H	18	1547.047	979.582	963.581	964.589	962.583	H	7
R	19	2063.148	842.521	826.502	827.510	825.494	R	6
K	20	2173.254	686.420	670.401	671.409	669.393	K	5
V	21	2272.322	516.314	500.295	501.303	499.287	V	4
L	22	2385.406	417.240	401.227	402.235	400.219	L	3
R	23	2955.523	304.162	288.143	289.151	287.135	R	2
D	24	2670.550	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGR GK^{Acetyl}_{42.01} GK^{Acetyl}_{42.01} GLGKGGAK^{Methyl}_{14.02} RHRK^{Acetyl}_{42.01} VLR^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=53.49
- ▶ F121546.dat
- ▶ query=q36650_p1
- ▶ precursor=668.640920
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S 1	74.642	1336.271	1328.261	0.504	1327.757	S 24
G 2	102.553	1271.746	1263.740	0.504	1263.236	G 23
K 3	180.603	1243.239	1235.239	1235.733	1234.725	K 22
G 4	259.114	1165.169	1157.179	1157.673	1156.875	G 21
K 5	294.157	1136.677	1128.668	1129.172	1128.164	K 20
G 6	322.677	1051.625	1043.615	1044.119	1043.111	G 19
G 7	351.188	1023.114	1015.104	1015.608	1014.601	G 18
K 8	436.241	994.603	986.594	987.098	986.090	K 17
G 9	464.752	920.550	901.541	902.045	901.037	G 16
L 10	511.294	893.040	873.030	873.534	872.526	L 15
G 11	540.804	824.498	816.488	816.992	815.983	G 14
K 12	613.852	795.987	787.977	788.481	787.474	K 13
G 13	642.363	731.939	723.930	724.434	723.426	G 12
G 14	670.873	703.429	695.419	695.923	694.915	G 11
A 15	708.392	674.918	666.908	667.412	666.405	A 10
R 16	777.447	639.399	631.390	631.894	630.886	R 9
R 17	856.498	568.344	560.335	560.839	559.831	R 8
H 18	934.007	490.293	482.284	482.788	481.780	H 7
R 19	1002.078	421.764	413.755	414.259	413.251	R 6
K 20	1087.130	343.717	335.704	336.208	335.200	K 5
V 21	1138.665	258.681	250.671	251.175	250.167	V 4
L 22	1193.207	209.126	201.117	201.621	200.613	L 3
R 23	1278.265	152.584	144.575	145.079	144.071	R 2
D 24	1335.779	67.526	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAK^{Methyl}_{14.02} RHRK^{Acetyl}_{42.01} VLR^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=53.49
- ▶ F121546.dat
- ▶ query=q36650.p1
- ▶ precursor=668.640920
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	891.183	685.843	0.672	885.507	S[24]
G[2]	58.704	848.199	842.829	0.672	842.493	G[23]
R[3]	150.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.788	772.124	771.452	G[21]
K[5]	196.447	758.121	752.781	753.117	752.445	K[20]
G[6]	215.454	701.419	696.079	696.415	695.743	G[19]
G[7]	234.461	682.412	677.072	677.408	676.736	G[18]
K[8]	291.163	663.404	658.063	658.401	657.729	K[17]
G[9]	310.170	636.703	601.363	603.699	601.027	G[16]
L[10]	347.885	587.695	582.355	582.692	582.020	L[15]
G[11]	396.872	550.001	544.661	544.997	544.325	G[14]
K[12]	409.570	530.994	525.654	525.990	525.318	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	518.634	426.602	421.262	421.598	420.926	K[9]
R[17]	570.668	379.232	373.892	374.228	373.556	R[8]
H[18]	616.354	327.198	321.858	322.194	321.522	H[7]
R[19]	668.388	281.512	276.172	276.508	275.836	R[6]
K[20]	725.089	229.476	224.136	224.474	223.803	K[5]
V[21]	758.112	172.776	167.437	167.773	167.101	V[4]
L[22]	795.807	139.753	134.414	134.750	134.078	L[3]
R[23]	852.513	102.059	96.719	97.055	96.383	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=61.50
- ▶ F121546.dat
- ▶ query=q36844.p1
- ▶ precursor=537.916880
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2685.550	2669.531	0.000	2668.523	S ₂₄
G	2	294.098	2356.507	2340.488	0.000	2339.480	G ₂₃
R	3	374.215	2959.486	2943.467	2484.475	2932.459	R ₂₂
G	4	431.216	2329.868	2313.850	2314.358	2312.342	G ₂₁
K	5	559.331	2272.347	2256.329	2257.336	2255.321	K ₂₀
G	6	616.353	2144.252	2128.234	2129.241	2127.226	G ₁₉
G	7	673.374	2087.231	2071.212	2072.220	2070.204	G ₁₈
K	8	843.480	2030.209	2014.191	2015.198	2013.183	K ₁₇
G	9	900.501	1890.104	1884.085	1885.093	1883.077	G ₁₆
L	10	1013.588	1803.064	1797.064	1798.073	1796.056	L ₁₅
G	11	1070.607	1588.958	1573.950	1574.957	1572.972	G ₁₄
K	12	1240.712	1532.977	1516.958	1517.966	1515.950	K ₁₃
G	13	1297.734	1462.871	1446.853	1447.860	1445.845	G ₁₂
G	14	1354.755	1405.850	1389.831	1390.839	1388.823	G ₁₁
A	15	1425.792	1348.828	1332.810	1333.818	1331.802	A ₁₀
K	16	1595.898	1277.791	1261.773	1262.780	1260.765	K ₉
R	17	1751.999	1157.686	1151.667	1152.675	1150.659	R ₈
H	18	1889.058	951.585	935.566	936.574	934.558	H ₇
R	19	2045.159	814.526	798.507	799.515	797.499	R ₆
K	20	2201.285	658.425	642.406	643.414	641.398	K ₅
V	21	2300.353	502.298	486.280	487.287	485.272	V ₄
L	22	2413.437	403.230	387.211	388.219	386.203	L ₃
R	23	2569.539	290.146	274.127	275.135	273.119	R ₂
D	24	2684.566	134.045	118.026	119.034	117.018	D ₁

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=61.50
- ▶ F121546.dat
- ▶ query=q36844_p1
- ▶ precursor=537.916880
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1343.278	1335.269	0.904	1334.765	S[24]
G	2	102.553	1278.757	1270.748	0.904	1270.244	G[23]
R	3	187.611	1250.246	1242.237	1.942	1241.733	R[22]
G	4	218.122	1168.188	1157.179	1157.683	1156.679	G[21]
K	5	280.169	1136.677	1128.668	1129.172	1128.164	K[20]
G	6	308.680	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	337.191	1044.119	1036.110	1036.614	1035.608	G[18]
K	8	422.243	1015.608	1007.599	1008.103	1007.099	K[17]
G	9	450.754	930.556	922.546	923.050	922.042	G[16]
L	10	507.296	902.045	894.035	894.539	893.532	L[15]
G	11	535.807	845.503	837.493	837.997	836.990	G[14]
K	12	620.860	816.992	808.983	809.487	808.479	K[13]
G	13	649.370	731.939	723.930	724.434	723.428	G[12]
G	14	677.881	703.429	695.419	695.923	694.915	G[11]
A	15	713.460	674.918	666.908	667.412	666.405	A[10]
R	16	780.432	639.359	631.350	631.854	630.846	R[9]
R	17	876.503	554.347	546.337	546.841	545.833	R[8]
H	18	945.032	478.290	468.287	468.791	467.783	H[7]
R	19	1023.083	407.767	399.757	400.261	399.253	R[6]
K	20	1101.146	329.716	321.707	322.211	321.203	K[5]
V	21	1150.680	251.653	243.643	244.147	243.140	V[4]
L	22	1207.232	202.119	194.109	194.613	193.605	L[3]
R	23	1265.273	145.577	137.567	138.071	137.063	R[2]
D	24	1342.788	67.528	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=61.50
- ▶ F121546.dat
- ▶ query=q36844.p1
- ▶ precursor=537.916880
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	895.855	890.511	0.672	890.179	S[24]
G[2]	58.704	852.841	847.501	0.672	847.165	G[23]
R[3]	125.410	833.833	828.494	828.830	828.158	R[22]
G[4]	144.417	777.128	771.788	772.124	771.452	G[21]
K[5]	187.115	798.121	752.781	753.117	752.445	K[20]
G[6]	206.122	715.422	710.083	710.419	709.747	G[19]
G[7]	225.130	696.415	691.076	691.412	690.740	G[18]
K[8]	261.831	677.408	672.068	672.404	671.732	K[17]
G[9]	300.839	620.706	615.367	615.703	615.031	G[16]
L[10]	338.533	601.499	596.359	596.695	596.023	L[15]
G[11]	357.540	564.004	558.665	559.001	558.329	G[14]
K[12]	414.242	544.997	539.658	539.994	539.322	K[13]
G[13]	433.249	488.295	482.956	483.292	482.620	G[12]
G[14]	452.257	469.288	463.949	464.285	463.613	G[11]
A[15]	479.936	450.281	444.941	445.277	444.605	A[10]
K[16]	532.637	426.602	421.262	421.598	420.926	K[9]
R[17]	584.671	369.900	364.561	364.896	364.225	R[8]
H[18]	630.357	317.866	312.527	312.863	312.191	H[7]
R[19]	682.391	272.180	266.841	267.176	266.505	R[6]
K[20]	734.433	220.140	214.807	215.143	214.471	K[5]
V[21]	767.456	168.104	162.765	163.101	162.429	V[4]
L[22]	805.151	135.082	129.742	130.078	129.406	L[3]
R[23]	857.184	97.387	92.047	92.383	91.711	R[2]
D[24]	895.527	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=61.50
- ▶ F121546.dat
- ▶ query=q36844.p1
- ▶ precursor=537.916880
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	672.143	668.138	0.755	667.886	S[24]
G[2]	51.780	539.882	635.878	0.755	635.626	G[23]
R[3]	94.309	625.627	621.622	621.874	621.370	R[22]
G[4]	108.564	583.098	579.093	579.345	578.841	G[21]
K[5]	140.588	568.842	564.838	565.090	564.586	K[20]
G[6]	154.844	536.819	532.814	533.066	532.562	G[19]
G[7]	169.099	522.563	518.558	518.810	518.307	G[18]
K[8]	211.625	508.308	504.303	504.555	504.051	K[17]
G[9]	225.881	495.793	491.777	492.029	491.525	G[16]
L[10]	254.132	451.526	447.521	447.773	447.269	L[15]
G[11]	268.407	423.255	419.250	419.502	418.998	G[14]
K[12]	310.933	409.000	404.995	405.247	404.743	K[13]
G[13]	325.189	366.473	362.469	362.721	362.217	G[12]
G[14]	339.444	352.218	348.213	348.465	347.961	G[11]
A[15]	357.203	337.963	333.958	334.210	333.706	A[10]
K[16]	399.730	320.203	316.199	316.451	315.947	K[9]
R[17]	438.755	-77.877	273.672	273.924	-73.420	R[8]
H[18]	473.020	238.652	234.647	234.899	234.395	H[7]
R[19]	512.045	204.397	200.382	200.634	200.130	R[6]
K[20]	551.077	165.362	161.357	161.609	161.105	K[5]
V[21]	575.844	126.330	122.325	122.577	122.073	V[4]
L[22]	604.115	101.563	97.558	97.810	97.306	L[3]
R[23]	643.140	73.292	69.287	69.539	69.035	R[2]
D[24]	671.897	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHR^(Methyl)_(14.02) KVLK^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.52
- ▶ F121546.dat
- ▶ query=q36846.p1
- ▶ precursor=672.144680
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	147.070	2085.550	2069.531	0.000	2068.523	S[24]
G	204.098	2556.507	2540.488	0.000	2539.480	G[23]
R	374.215	2999.488	2983.467	2864.475	2862.459	R[22]
G	431.230	3529.960	3513.950	3314.958	3312.942	G[21]
K	559.331	3272.347	3256.329	3257.336	3255.321	K[20]
G	616.353	2144.252	2128.234	2129.241	2127.226	G[19]
G	673.874	2087.231	2071.210	2072.220	2070.204	G[18]
K	843.480	2030.209	2014.191	2015.198	2013.183	K[17]
G	900.501	1890.104	1884.085	1885.093	1883.077	G[16]
L	1013.585	1803.981	1787.964	1788.971	1786.956	L[15]
G	1070.907	1689.990	1673.980	1674.987	1672.972	G[14]
K	1240.712	1632.977	1616.958	1617.966	1615.950	K[13]
G	1297.734	1462.871	1446.853	1447.860	1445.845	G[12]
G	1364.765	1405.850	1389.831	1390.839	1388.823	G[11]
A	1425.792	1348.828	1332.810	1333.818	1331.802	A[10]
K	1595.898	1277.791	1261.773	1262.780	1260.765	K[9]
K	1751.990	1107.880	1091.862	1092.870	1090.855	K[8]
H	1809.958	951.969	935.966	936.974	934.958	H[7]
R	2059.174	814.920	798.907	799.915	797.899	R[6]
K	2187.269	644.409	628.390	629.398	627.382	K[5]
V	2286.338	516.314	500.296	501.303	499.287	V[4]
L	2399.422	417.240	401.227	402.235	400.219	L[3]
R	2569.539	304.162	288.143	289.151	287.135	R[2]
D	2684.966	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHR^(Methyl)_(14.02) KVLK^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.52
- ▶ F121546.dat
- ▶ query=q36846_p1
- ▶ precursor=672.144680
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1343.278	1335.260	0.504	1334.765	S[24]
G[2]	102.553	1278.757	1270.740	0.504	1270.244	G[23]
R[3]	187.611	1250.246	1242.231	1242.741	1241.733	R[22]
G[4]	218.122	1189.388	1157.179	1157.683	1156.675	G[21]
K[5]	280.188	1136.677	1128.668	1129.172	1128.166	K[20]
G[6]	308.689	1072.630	1064.620	1065.124	1064.117	G[19]
G[7]	337.191	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	422.243	1015.608	1007.590	1008.103	1007.095	K[17]
G[9]	450.754	930.556	922.546	923.050	922.042	G[16]
L[10]	507.266	802.045	804.213	804.719	803.713	L[15]
G[11]	535.807	845.503	837.493	837.997	836.990	G[14]
R[12]	620.950	816.992	808.983	809.487	808.479	R[13]
G[13]	649.370	731.939	723.930	724.434	723.426	G[12]
G[14]	677.881	703.429	695.419	695.923	694.915	G[11]
A[15]	711.400	674.918	666.908	667.412	666.405	A[10]
R[16]	788.432	639.389	631.380	631.884	630.876	R[9]
R[17]	876.503	554.347	546.337	546.841	545.833	R[8]
H[18]	945.032	476.296	468.287	468.791	467.783	H[7]
R[19]	1030.091	407.767	399.757	400.261	399.253	R[6]
R[20]	1094.138	322.708	314.699	315.203	314.195	R[5]
V[21]	1143.673	258.661	250.651	251.155	250.147	V[4]
L[22]	1208.215	209.120	201.111	201.615	200.613	L[3]
D[23]	1285.273	152.884	144.875	145.379	144.371	D[2]
D[24]	1342.788	87.526	89.517	90.021	89.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} RHR^(Methyl)_(14.02) KVLK^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.52
- ▶ F121546.dat
- ▶ query=q36846.p1
- ▶ precursor=672.144680
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	895.855	890.515	0.672	890.179	S[24]
G[2]	68.704	852.841	847.501	0.672	847.165	G[23]
R[3]	125.410	833.833	828.494	828.830	828.158	R[22]
G[4]	144.417	777.128	771.788	772.124	771.452	G[21]
K[5]	187.115	758.121	752.781	753.117	752.445	K[20]
G[6]	206.122	715.422	710.083	710.419	709.747	G[19]
G[7]	225.130	696.415	691.076	691.412	690.740	G[18]
K[8]	281.831	677.408	672.068	672.404	671.732	K[17]
G[9]	300.839	620.706	615.367	615.703	615.031	G[16]
L[10]	338.533	601.699	596.359	596.695	596.022	L[15]
G[11]	357.540	564.004	558.665	559.001	558.329	G[14]
K[12]	414.242	544.997	539.658	539.994	539.322	K[13]
G[13]	433.249	488.295	482.956	483.292	482.620	G[12]
G[14]	452.257	469.288	463.949	464.285	463.613	G[11]
A[15]	478.936	450.281	444.941	445.277	444.605	A[10]
K[16]	532.637	426.602	421.262	421.598	420.926	K[9]
R[17]	584.671	369.900	364.561	364.896	364.225	R[8]
H[18]	630.357	317.866	312.527	312.863	312.191	H[7]
R[19]	687.063	272.180	266.841	267.176	266.505	R[6]
K[20]	729.784	215.875	210.535	210.871	209.999	K[5]
V[21]	752.784	172.776	167.437	167.773	167.101	V[4]
L[22]	860.479	139.753	134.414	134.750	134.078	L[3]
R[23]	857.184	102.059	96.719	97.055	96.383	R[2]
D[24]	895.527	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAKR^(Dimethyl) HRK^(Acetyl)_(42.01) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.65
- ▶ F121546.dat
- ▶ query=q36848.p1
- ▶ precursor=672.144940
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	147.070	2085.550	2069.531	0.000	2068.523	S[24]
G	204.998	2556.507	2540.488	0.000	2539.480	G[23]
R	374.215	2499.480	2483.467	2467.475	2462.459	R[22]
G	411.230	2529.960	2513.950	2514.958	2512.942	G[21]
K	601.342	2272.347	2256.329	2257.336	2255.321	K[20]
G	658.363	2102.342	2086.329	2087.331	2085.315	G[19]
G	715.385	2045.220	2029.200	2030.209	2028.194	G[18]
K	885.490	1988.199	1972.180	1973.188	1971.172	K[17]
G	842.512	1818.093	1802.075	1803.082	1801.067	G[16]
L	1025.996	1781.977	1745.953	1768.981	1744.945	L[15]
G	1112.617	1647.962	1631.960	1632.977	1630.961	G[14]
K	1240.712	1590.960	1574.948	1575.955	1573.940	K[13]
G	1297.734	1462.871	1446.853	1447.860	1445.845	G[12]
G	1304.755	1405.850	1389.831	1390.839	1388.823	G[11]
A	1425.792	1348.828	1332.810	1333.818	1331.802	A[10]
K	1553.887	1277.791	1261.773	1262.780	1260.765	K[9]
R	1738.010	1149.690	1133.678	1134.685	1132.670	R[8]
R	1878.078	965.564	949.545	950.553	948.537	R[7]
R	2031.179	828.505	812.486	813.494	811.478	R[6]
K	2201.285	672.404	656.385	657.393	655.377	K[5]
V	2300.353	502.298	486.280	487.287	485.272	V[4]
L	2413.437	403.230	387.211	388.219	386.203	L[3]
R	2569.539	290.146	274.127	275.135	273.119	R[2]
D	2684.566	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Methyl}_{14.02} GK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAKR^(Dimethyl)_(28.03) HRK^(Acetyl)_(42.01) VLDR

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.65
- ▶ F121546.dat
- ▶ query=q36848_p1
- ▶ precursor=672.144940
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1343.278	1335.269	0.504	1334.765	S[24]
G[2]	102.553	1278.757	1270.740	0.504	1270.244	G[23]
R[3]	187.611	1250.246	1242.237	1242.741	1241.733	R[22]
G[4]	210.122	1186.288	1157.271	1157.888	1156.673	G[21]
K[5]	301.114	1138.877	1128.668	1129.172	1129.164	K[20]
G[6]	329.685	1051.625	1043.615	1044.119	1043.111	G[19]
G[7]	358.196	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	443.249	994.603	986.594	987.208	986.050	K[17]
G[9]	471.758	909.550	901.541	902.045	901.037	G[16]
L[10]	528.303	881.040	873.031	873.534	872.526	L[15]
G[11]	556.812	824.488	816.488	816.992	815.984	G[14]
K[12]	620.880	795.987	787.977	788.481	787.474	K[13]
G[13]	640.370	731.939	723.930	724.434	723.426	G[12]
G[14]	677.881	703.429	695.419	695.923	694.915	G[11]
A[15]	713.400	674.918	666.908	667.412	666.405	A[10]
R[16]	777.447	639.369	631.360	631.864	630.856	R[9]
R[17]	869.513	575.352	567.342	567.846	566.838	R[8]
H[18]	938.043	483.286	475.276	475.780	474.772	H[7]
R[19]	1016.093	414.756	406.747	407.251	406.243	R[6]
K[20]	1101.146	336.705	328.696	329.200	328.192	K[5]
V[21]	1150.680	251.653	243.643	244.147	243.140	V[4]
L[22]	1207.223	202.118	194.109	194.613	193.605	L[3]
R[23]	1255.278	145.577	137.567	138.071	137.063	R[2]
D[24]	1342.788	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

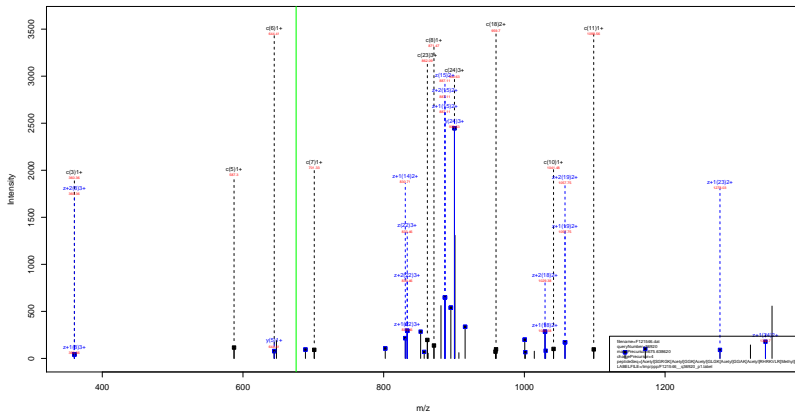
[Acetyl]SGR^{Methyl}_{14.02} GK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAKR^(Dimethyl)_(28.03) HRK^(Acetyl)_(42.01) VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.65
- ▶ F121546.dat
- ▶ query=q36848.p1
- ▶ precursor=672.144940
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	895.855	890.515	0.672	890.179	S[24]
G[2]	68.704	872.841	847.501	0.672	847.165	G[23]
R[3]	125.410	833.833	828.494	828.830	828.158	R[22]
G[4]	144.417	777.128	771.788	772.124	771.452	G[21]
K[5]	201.119	758.121	752.781	753.117	752.445	K[20]
G[6]	220.126	701.419	696.079	696.415	695.743	G[19]
G[7]	239.133	662.412	677.072	677.408	676.736	G[18]
K[8]	295.835	663.804	658.065	658.401	657.729	K[17]
G[9]	314.842	606.703	601.363	601.699	601.027	G[16]
L[10]	382.537	587.695	582.355	582.692	582.020	L[15]
G[11]	371.544	530.001	544.661	544.997	544.325	G[14]
K[12]	414.242	530.994	525.654	525.990	525.318	K[13]
G[13]	433.249	488.295	482.956	483.292	482.620	G[12]
G[14]	452.257	469.288	463.949	464.285	463.613	G[11]
A[15]	478.936	450.281	444.941	445.277	444.605	A[10]
K[16]	518.634	426.602	421.262	421.598	420.926	K[9]
R[17]	580.011	383.904	378.564	378.900	378.228	R[8]
H[18]	625.698	322.526	317.187	317.523	316.851	H[7]
R[19]	677.731	276.840	271.500	271.836	271.164	R[6]
K[20]	734.433	224.806	219.467	219.803	219.131	K[5]
V[21]	757.256	168.104	162.765	163.101	162.429	V[4]
L[22]	805.151	135.082	129.742	130.078	129.406	L[3]
R[23]	857.184	97.387	92.047	92.383	91.711	R[2]
D[24]	895.527	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRKVLR (Methyl) D (14.02)



sp | P62806 | H4_MOUSE

[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**VLR^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=69.47
- ▶ F121546.dat
- ▶ query=q36920.p1
- ▶ precursor=675.638620
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2999.529	2983.510	0.000	2982.502	S	24
G	2	264.098	2570.486	2554.468	0.000	2553.460	G	23
R	3	360.199	2313.465	2297.446	2469.434	2398.425	R	22
G	4	417.220	2357.364	2341.345	2342.353	2340.337	G	21
K	5	587.326	2300.342	2284.323	2285.331	2283.316	K	20
G	6	644.347	2130.237	2114.218	2115.226	2113.210	G	19
G	7	701.369	2073.215	2057.196	2058.204	2056.189	G	18
K	8	871.474	2016.194	2000.175	2001.183	1999.167	K	17
G	9	928.496	1846.088	1830.069	1831.077	1829.062	G	16
L	10	1041.580	1789.067	1773.048	1774.056	1772.040	L	15
G	11	1098.601	1675.961	1659.942	1660.952	1658.936	G	14
K	12	1268.707	1618.961	1602.942	1603.950	1601.935	K	13
G	13	1325.728	1448.856	1432.837	1433.845	1431.829	G	12
G	14	1382.750	1391.834	1375.816	1376.823	1374.808	G	11
A	15	1453.787	1334.813	1318.794	1319.802	1317.786	A	10
K	16	1623.893	1263.776	1247.757	1248.765	1246.749	K	9
R	17	1779.994	1093.670	1077.651	1078.659	1076.644	R	8
R	18	1937.053	937.560	921.539	922.558	920.542	R	7
R	19	2073.154	800.510	784.491	785.499	783.484	R	6
K	20	2201.249	644.409	628.390	629.398	627.383	K	5
V	21	2300.317	516.314	500.295	501.303	499.287	V	4
L	22	2413.401	417.240	401.227	402.235	400.219	L	3
R	23	2583.518	304.162	288.143	289.151	287.135	R	2
D	24	2698.545	134.045	118.028	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGK^{Acetyl} GGAK^{Acetyl} RHRK^{Acetyl}VLR^(Methyl) D^(14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=69.47
- ▶ F121546.dat
- ▶ query=q36920_p1
- ▶ precursor=675.638620
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1350.208	1342.259	0.504	1341.755	S[24]
G[2]	102.553	1285.747	1277.737	0.504	1277.233	G[23]
R[3]	180.003	1257.236	1249.227	1349.731	1248.723	R[22]
G[4]	209.114	1179.385	1171.375	1171.600	1170.872	G[21]
K[5]	294.167	1150.675	1142.665	1143.169	1142.161	K[20]
G[6]	322.677	1065.622	1057.613	1058.117	1057.109	G[19]
G[7]	351.188	1037.111	1029.102	1029.606	1028.598	G[18]
K[8]	436.241	1008.601	1000.591	1001.095	1000.087	K[17]
G[9]	464.752	973.548	915.538	916.042	915.034	G[16]
L[10]	521.294	895.037	887.028	887.532	886.524	L[15]
G[11]	549.804	838.095	830.480	830.980	829.982	G[14]
K[12]	634.857	809.984	801.975	802.479	801.471	K[13]
G[13]	663.368	724.931	716.922	717.426	716.418	G[12]
G[14]	691.879	696.421	688.411	688.915	687.907	G[11]
A[15]	727.397	667.910	659.901	660.405	659.397	A[10]
R[16]	812.450	632.391	624.382	624.886	623.878	R[9]
R[17]	890.500	547.339	539.329	539.833	538.825	R[8]
H[18]	959.030	406.288	401.279	401.783	400.775	H[7]
R[19]	1037.080	400.759	392.749	393.253	392.245	R[6]
K[20]	1101.128	322.708	314.699	315.203	314.195	K[5]
V[21]	1150.662	258.661	250.651	251.155	250.147	V[4]
L[22]	1207.204	209.120	201.111	201.615	200.613	L[3]
D[23]	1292.293	152.884	144.873	145.378	144.371	D[2]
D[24]	1349.776	87.526	89.517	90.021	89.013	D[1]

sp | P62806 | H4_MOUSE

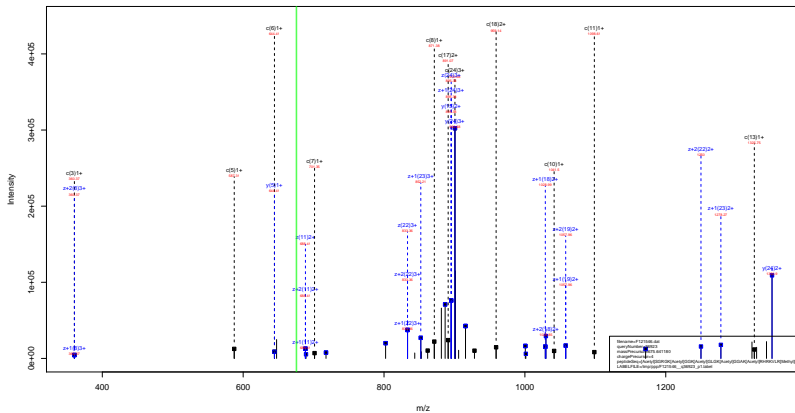
[Acetyl]SGRGK ^{Acetyl}_{42.01} **GGK** ^{Acetyl}_{42.01} **GLGK** ^{Acetyl}_{42.01} **GGAK** ^{Acetyl}_{42.01} **RHRK**VLR (Methyl)_(14.02) D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=69.47
- ▶ F121546.dat
- ▶ query=q36920.p1
- ▶ precursor=675.638620
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	900.514	895.175	0.672	894.839	S[24]
G[2]	68.704	857.500	852.161	0.672	851.295	G[23]
R[3]	120.738	138.493	833.154	833.489	832.818	R[22]
G[4]	139.745	786.459	781.120	781.456	780.784	G[21]
K[5]	196.447	767.452	762.113	762.449	761.777	K[20]
G[6]	215.454	710.750	705.411	705.747	705.075	G[19]
G[7]	234.461	691.743	686.404	686.740	686.068	G[18]
K[8]	291.163	672.736	667.397	667.732	667.061	K[17]
G[9]	310.170	616.034	610.695	611.031	610.359	G[16]
L[10]	347.895	597.027	591.688	592.023	591.352	L[15]
G[11]	386.972	539.322	533.983	534.319	533.647	G[14]
K[12]	423.574	540.325	534.986	535.322	534.650	K[13]
G[13]	442.581	483.623	478.284	478.620	477.948	G[12]
G[14]	461.588	464.616	459.277	459.613	458.941	G[11]
A[15]	485.267	445.609	440.270	440.605	439.934	A[10]
K[16]	541.969	421.930	416.590	416.926	416.255	K[9]
R[17]	594.003	365.228	359.889	360.225	359.553	R[8]
H[18]	639.689	313.195	307.853	308.191	307.519	H[7]
R[19]	681.723	267.508	262.169	262.505	261.833	R[6]
K[20]	734.421	215.475	210.136	210.471	209.799	K[5]
V[21]	757.444	172.776	167.437	167.773	167.101	V[4]
L[22]	805.139	139.753	134.414	134.750	134.078	L[3]
R[23]	851.844	102.059	96.719	97.055	96.383	R[2]
D[24]	900.186	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRKVLR (Methyl) D (14.02)



sp | P62806 | H4_MOUSE

[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**VLR^(Methyl)_(14.02) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.00
- ▶ F121546.dat
- ▶ query=q36923.p1
- ▶ precursor=675.641180
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2999.529	2983.510	0.000	2982.502	S	24
G	2	264.098	2570.486	2554.468	0.000	2553.460	G	23
R	3	360.199	2313.465	2297.446	2469.434	2396.425	R	22
G	4	417.220	2357.364	2341.345	2342.353	2340.337	G	21
K	5	587.326	2300.342	2284.323	2285.331	2283.316	K	20
G	6	644.347	2130.237	2114.218	2115.226	2113.210	G	19
G	7	701.369	2073.215	2057.196	2058.204	2056.189	G	18
K	8	871.474	2016.194	2000.175	2001.183	1999.167	K	17
G	9	928.496	1846.088	1830.069	1831.077	1829.062	G	16
L	10	1043.580	1789.067	1773.048	1774.056	1772.040	L	15
G	11	1098.601	1675.961	1659.942	1660.952	1658.936	G	14
K	12	1268.707	1618.961	1602.942	1603.950	1601.935	K	13
G	13	1325.728	1448.856	1432.837	1433.845	1431.829	G	12
G	14	1382.750	1391.834	1375.816	1376.823	1374.808	G	11
A	15	1453.787	1334.813	1318.794	1319.802	1317.786	A	10
K	16	1623.893	1263.776	1247.757	1248.765	1246.749	K	9
R	17	1779.994	1093.670	1077.651	1078.659	1076.644	R	8
H	18	1917.953	937.560	921.539	922.558	920.542	H	7
R	19	2073.154	800.510	784.491	785.499	783.484	R	6
K	20	2201.240	644.409	628.390	629.398	627.383	K	5
V	21	2300.317	516.314	500.295	501.303	499.287	V	4
L	22	2413.401	417.240	401.227	402.235	400.219	L	3
R	23	2583.518	304.162	288.143	289.151	287.135	R	2
D	24	2698.545	134.045	118.028	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}GGK^{Acetyl}GLGK^{Acetyl}GGAK^{Acetyl}RHRKVL^{Acetyl}R (Methyl) D
 42.01 42.01 42.01 42.01 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.00
- ▶ F121546.dat
- ▶ query=q36923.p1
- ▶ precursor=675.641180
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1350.268	1342.259	0.504	1341.755	S[24]
G[2]	102.553	1295.747	1277.737	0.504	1277.233	G[23]
R[3]	180.063	1257.236	1249.227	1249.731	1249.723	R[22]
G[4]	269.114	1179.185	1171.176	1171.680	1170.672	G[21]
K[5]	296.187	1150.675	1142.665	1143.169	1142.163	K[20]
G[6]	322.677	1095.622	1057.613	1058.117	1057.109	G[19]
G[7]	351.188	1037.111	1029.102	1029.606	1028.598	G[18]
K[8]	430.241	1008.601	1000.591	1001.095	1000.087	K[17]
G[9]	464.752	973.548	915.538	916.042	915.034	G[16]
L[10]	521.294	895.037	887.028	887.532	886.524	L[15]
G[11]	549.804	838.485	839.489	839.990	839.982	G[14]
K[12]	634.857	809.984	801.975	802.479	801.471	K[13]
G[13]	663.368	724.931	716.922	717.426	716.418	G[12]
G[14]	691.879	696.421	688.411	688.915	687.907	G[11]
A[15]	727.387	667.910	669.901	669.405	669.397	A[10]
R[16]	812.432	632.904	634.902	634.896	632.879	R[9]
R[17]	890.500	547.339	539.329	539.333	539.325	R[8]
H[18]	959.030	469.288	461.279	461.783	460.775	H[7]
R[19]	1037.080	400.759	392.749	393.251	392.245	R[0]
K[20]	1101.128	322.708	314.699	315.203	314.195	K[5]
V[21]	1150.662	258.661	250.651	251.155	250.147	V[4]
L[22]	1207.204	209.126	201.117	201.621	200.613	L[1]
R[23]	1252.253	152.584	144.575	145.079	144.071	R[2]
D[24]	1340.776	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK ^{Acetyl}_{42.01} **GGK** ^{Acetyl}_{42.01} **GLGK** ^{Acetyl}_{42.01} **GGAK** ^{Acetyl}_{42.01} **RHRK**VLR (Methyl)_(14.02) D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=65.00
- ▶ F121546.dat
- ▶ query=q36923.p1
- ▶ precursor=675.641180
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	900.514	995.175	0.672	894.839	S[24]
G[2]	68.704	857.500	952.161	0.672	851.825	G[23]
R[3]	120.738	538.493	833.154	833.489	832.818	R[22]
G[4]	139.745	786.459	781.120	781.456	780.784	G[21]
K[5]	196.447	767.452	762.113	762.449	761.777	K[20]
G[6]	215.454	710.750	705.411	705.747	705.075	G[19]
G[7]	234.461	691.743	686.404	686.740	686.068	G[18]
K[8]	291.163	672.736	667.397	667.732	667.061	K[17]
G[9]	310.170	616.034	610.695	611.031	610.359	G[16]
L[10]	347.895	597.027	591.688	592.023	591.352	L[15]
G[11]	388.972	539.322	533.983	534.319	533.647	G[14]
K[12]	423.574	540.325	534.986	535.322	534.650	K[13]
G[13]	442.581	483.623	478.284	478.620	477.948	G[12]
G[14]	461.588	464.616	459.277	459.613	458.941	G[11]
A[15]	485.267	445.609	440.270	440.605	439.934	A[10]
K[16]	541.969	421.930	416.590	416.926	416.255	K[9]
R[17]	594.003	365.228	359.889	360.225	359.553	R[8]
H[18]	639.689	313.195	307.853	308.191	307.519	H[7]
R[19]	681.723	267.508	262.169	262.505	261.833	R[6]
K[20]	734.421	215.475	210.136	210.471	209.799	K[5]
V[21]	767.444	172.776	167.437	167.773	167.101	V[4]
L[22]	805.139	139.753	134.414	134.750	134.078	L[3]
R[23]	851.844	102.059	96.719	97.055	96.383	R[2]
D[24]	900.186	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Dimethyl}_{28.03} GKGGK^{Acetyl}_{42.01} GLGK^{Acetyl}_{42.01} GGAK^{Acetyl}_{42.01} R^{Methyl}_{14.02} HR^(Methyl)_(14.02) KVLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.86
- ▶ F121546.dat
- ▶ query=q36927.p1
- ▶ precursor=675.650040
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2099.565	2663.546	0.000	2662.539	S[24]
R	2	204.938	2570.523	2554.504	0.000	2553.496	G[23]
R	3	388.230	2513.501	2497.482	2498.490	2496.475	R[22]
G	4	449.252	2329.369	2313.350	2314.358	2312.342	G[21]
K	5	573.347	2272.347	2256.329	2257.336	2255.321	K[20]
G	6	630.368	2144.252	2128.234	2129.241	2127.226	G[19]
G	7	687.390	2087.231	2071.212	2072.220	2070.204	G[18]
K	8	857.495	2030.209	2014.191	2015.198	2013.183	K[17]
G	9	914.517	1886.164	1844.035	1845.093	1843.077	G[16]
L	10	1027.801	1801.082	1785.054	1786.071	1784.056	L[15]
G	11	1084.822	1589.998	1573.980	1574.987	1572.972	G[14]
K	12	1254.728	1832.977	1616.958	1617.966	1615.950	K[13]
G	13	1311.749	1462.871	1446.853	1447.860	1445.845	G[12]
G	14	1368.771	1405.850	1389.831	1390.839	1388.823	G[11]
A	15	1439.808	1348.828	1332.810	1333.818	1331.802	A[10]
K	16	1609.913	1277.791	1261.773	1262.780	1260.765	K[9]
R	17	1780.938	1107.668	1091.667	1092.675	1090.659	R[8]
H	18	1917.089	937.559	921.550	922.558	920.542	H[7]
R	19	2067.206	806.510	784.491	785.499	783.484	R[6]
K	20	2215.301	630.393	614.375	615.382	613.367	K[5]
V	21	2314.369	502.298	480.280	481.287	479.272	V[4]
L	22	2427.453	403.230	387.211	388.219	386.203	L[3]
K	23	2683.554	268.148	274.127	275.135	273.119	K[2]
D	24	2698.581	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR<sup>Dimethyl
28.03</sup> GKG<sup>Acetyl
42.01</sup> GKGGK<sup>Acetyl
42.01</sup> GLGK<sup>Acetyl
42.01</sup> GGAK<sup>Acetyl
42.01</sup> R<sup>Methyl
14.02</sup> HR<sup>(Methyl)
(14.02)</sup> KVLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.86
- ▶ F121546.dat
- ▶ query=q36927.p1
- ▶ precursor=675.650040
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1350.286	1342.277	0.504	1341.773	S[24]
G[2]	100.553	1285.765	1277.756	0.504	1277.252	G[23]
R[3]	194.610	1257.254	1249.245	1249.749	1248.741	R[22]
G[4]	223.130	1185.188	1157.179	1157.683	1156.675	G[21]
K[5]	267.177	1136.671	1128.660	1129.172	1129.166	K[20]
G[6]	315.688	1072.630	1064.621	1065.124	1064.117	G[19]
G[7]	344.198	1044.119	1036.110	1036.614	1035.606	G[18]
K[8]	429.251	1015.608	1007.599	1008.103	1007.595	K[17]
G[9]	457.762	930.556	922.546	923.050	922.042	G[16]
L[10]	514.304	902.045	894.037	894.539	893.531	L[15]
G[11]	542.815	845.503	837.493	837.997	836.989	G[14]
K[12]	627.867	816.993	808.983	809.487	808.479	K[13]
G[13]	656.376	731.939	723.930	724.434	723.426	G[12]
G[14]	684.889	703.429	695.419	695.923	694.915	G[11]
A[15]	720.408	674.918	666.908	667.412	666.405	A[10]
R[16]	689.460	639.399	631.392	631.894	630.886	R[9]
R[17]	690.519	594.347	546.337	546.841	545.833	R[6]
H[18]	950.048	469.288	461.279	461.783	460.775	H[7]
R[19]	1044.106	600.759	592.749	593.253	592.245	R[6]
K[20]	1108.154	315.700	307.691	308.195	307.187	K[5]
V[21]	1157.668	251.653	243.643	244.147	243.140	V[4]
L[22]	1214.230	202.119	194.109	194.613	193.605	L[1]
R[23]	1262.261	145.577	137.567	138.071	137.063	R[2]
D[24]	1349.794	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

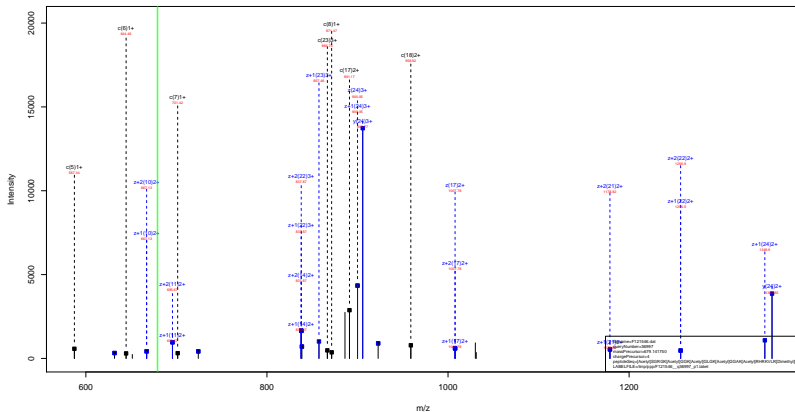
[Acetyl]SGR<sup>Dimethyl
28.03</sup> GKGGK<sup>Acetyl
42.01</sup> GLGK<sup>Acetyl
42.01</sup> GGAK<sup>Acetyl
42.01</sup> R<sup>Methyl
14.02</sup> HR<sup>(Methyl)
(14.02)</sup> KVLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.86
- ▶ F121546.dat
- ▶ query=q36927.p1
- ▶ precursor=675.650040
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	900.527	895.107	0.672	894.851	S[24]
G[2]	68.704	857.512	852.173	0.672	851.837	G[23]
R[3]	130.082	838.505	833.166	833.502	832.830	R[22]
G[4]	149.089	777.128	771.789	772.124	771.452	G[21]
K[5]	191.787	758.121	752.781	753.117	752.445	K[20]
G[6]	210.794	715.422	710.083	710.419	709.747	G[19]
G[7]	229.801	696.415	691.076	691.412	690.740	G[18]
K[8]	286.503	677.408	672.068	672.404	671.732	K[17]
G[9]	305.510	620.706	615.367	615.703	615.031	G[16]
L[10]	343.205	601.699	596.359	596.695	596.022	L[15]
G[11]	352.212	594.004	588.665	589.001	588.329	G[14]
K[12]	418.914	544.997	539.658	539.994	539.322	K[13]
G[13]	437.921	488.295	482.956	483.292	482.620	G[12]
G[14]	456.928	469.288	463.949	464.285	463.613	G[11]
A[15]	480.607	450.281	444.941	445.277	444.605	A[10]
K[16]	537.309	426.602	421.262	421.598	420.926	K[9]
R[17]	594.015	369.900	364.561	364.896	364.225	R[8]
H[18]	639.701	313.195	307.855	308.191	307.519	H[7]
R[19]	686.407	267.508	262.168	262.505	261.833	R[6]
K[20]	739.105	210.803	205.463	205.799	205.127	K[5]
V[21]	772.128	168.104	162.764	163.101	162.429	V[4]
L[22]	809.823	135.082	129.742	130.078	129.406	L[3]
R[23]	861.856	97.387	92.047	92.383	91.711	R[2]
D[24]	900.199	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 RHRKVLR (Dimethyl) D (28.03)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK_{42.01}^{Acetyl} GGK_{42.01}^{Acetyl} GLGK_{42.01}^{Acetyl} GGAK_{42.01}^{Acetyl} RHRKVLR_(28.03)^(Dimethyl) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.56
- ▶ F121546.dat
- ▶ query=q36997.p1
- ▶ precursor=679.141750
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2713.544	2697.526	0.000	2696.518	S	24
G	2	264.098	2584.502	2568.483	0.000	2567.475	G	23
R	3	380.199	2327.480	2311.462	2612.470	2610.454	R	22
G	4	417.220	2371.379	2355.361	2396.368	2394.353	G	21
K	5	587.326	2114.358	2098.339	2299.347	2297.331	K	20
G	6	644.347	2144.252	2128.234	2129.241	2127.226	G	19
G	7	701.369	2087.231	2071.212	2072.220	2070.204	G	18
K	8	871.474	2030.209	2014.191	2015.198	2013.183	K	17
G	9	928.496	1980.104	1844.083	1845.093	1843.077	G	16
L	10	1041.580	1883.082	1787.063	1788.071	1786.056	L	15
G	11	1098.601	1888.996	1873.980	1874.987	1872.972	G	14
K	12	1298.707	1832.977	1816.958	1817.966	1815.950	K	13
G	13	1325.728	1482.871	1440.853	1447.860	1445.845	G	12
G	14	1382.750	1405.850	1389.831	1390.839	1388.823	G	11
A	15	1453.787	1348.828	1332.810	1333.818	1331.802	A	10
K	16	1623.893	1277.791	1261.773	1262.780	1260.765	K	9
R	17	1779.994	1107.686	1091.667	1092.675	1090.659	R	8
H	18	1917.053	951.585	935.568	936.574	934.558	H	7
R	19	2073.154	814.526	798.507	799.515	797.499	R	6
K	20	2201.249	698.425	682.406	683.414	681.398	K	5
V	21	2300.317	530.330	514.311	515.319	513.303	V	4
L	22	2413.401	431.261	415.243	416.250	414.235	L	3
R	23	2587.534	318.177	302.159	303.166	301.151	R	2
D	24	2712.560	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**VLR^(Dimethyl)_(28.03) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.56
- ▶ F121546.dat
- ▶ query=q36997.p1
- ▶ precursor=679.141750
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S 1	74.040	1357.276	1349.267	0.504	1348.763	S 24
G 2	102.553	1292.755	1284.740	0.504	1284.241	G 23
R 3	180.063	1264.244	1256.234	1256.738	1255.731	R 22
G 4	209.114	1186.181	1178.184	1178.688	1177.680	G 21
K 5	296.167	1157.663	1149.651	1149.157	1148.150	K 20
G 6	322.677	1072.630	1064.620	1065.124	1064.117	G 19
G 7	351.188	1044.119	1036.110	1036.614	1035.608	G 18
K 8	430.241	1015.608	1007.599	1008.103	1007.095	K 17
G 9	464.752	930.556	922.546	923.050	922.042	G 16
L 10	521.264	802.045	794.033	794.530	793.523	L 15
G 11	549.804	945.503	937.493	937.997	936.990	G 14
K 12	634.857	816.992	808.981	809.487	808.479	K 13
G 13	663.368	731.939	723.930	724.434	723.428	G 12
G 14	691.879	703.429	695.419	695.923	694.915	G 11
A 15	727.397	674.918	666.908	667.412	666.405	A 10
R 16	812.432	639.369	631.360	631.864	630.856	R 9
R 17	890.500	554.347	546.337	546.841	545.833	R 8
H 18	959.030	476.295	468.289	468.791	467.783	H 7
R 19	1037.080	407.767	399.757	400.261	399.253	R 6
K 20	1101.128	329.715	321.707	322.211	321.203	K 5
V 21	1150.662	265.668	257.650	258.163	257.155	V 4
L 22	1207.204	216.134	208.125	208.629	207.621	L 3
R 23	1259.276	159.592	151.583	152.087	151.079	R 2
D 24	1356.794	67.526	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **RHRK****VLR** (Dimethyl)
(28.03) **D**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.56
- ▶ F121546.dat
- ▶ query=q36997_p1
- ▶ precursor=679.141750
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	905.186	899.847	0.672	899.511	S[24]
G[2]	68.704	852.172	856.833	0.672	856.997	G[23]
R[3]	120.738	843.165	837.825	838.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	620.706	615.367	615.703	615.031	G[16]
L[10]	347.895	601.699	596.359	596.695	596.022	L[15]
G[11]	386.972	584.004	578.665	579.001	578.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.689	317.866	312.527	312.863	312.191	H[7]
R[19]	681.723	272.180	266.841	267.176	266.505	R[6]
K[20]	734.421	220.146	214.807	215.143	214.471	K[5]
V[21]	757.444	177.440	172.100	172.444	171.773	V[4]
L[22]	805.139	144.425	139.086	139.422	138.750	L[3]
R[23]	856.516	106.731	101.391	101.727	101.055	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGGK_{42.01} Acetyl GGK_{42.01} Acetyl GLGK_{42.01} Acetyl GGAK_{42.01} Acetyl RHRKVLK_(28.03) (Dimethyl) D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=78.43
- ▶ F121546.dat
- ▶ query=q37005.p1
- ▶ precursor=679.145210
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S	147.070	2713.544	2097.526	0.000	2096.518	S[24]
G	264.098	2584.502	2566.483	0.000	2567.475	G[23]
R	360.159	2327.480	2311.462	2012.470	2010.454	R[22]
G	417.230	2371.370	2356.351	2356.368	2354.351	G[21]
K	587.326	2314.358	2298.339	2299.347	2297.331	K[20]
G	644.347	2144.252	2128.234	2129.241	2127.226	G[19]
G	701.369	2087.231	2071.210	2072.220	2070.204	G[18]
K	871.474	2030.209	2014.191	2015.198	2013.183	K[17]
G	928.496	1890.104	1844.085	1845.093	1843.077	G[16]
L	1031.589	1803.081	1787.064	1788.071	1786.056	L[15]
G	1098.601	1689.990	1673.980	1674.987	1672.972	G[14]
K	1268.707	1632.977	1616.958	1617.966	1615.950	K[13]
G	1325.728	1462.871	1446.853	1447.860	1445.845	G[12]
G	1382.750	1405.850	1389.831	1390.839	1388.823	G[11]
A	1453.787	1348.828	1332.810	1333.818	1331.802	A[10]
K	1623.893	1277.791	1261.773	1262.780	1260.765	K[9]
R	1779.994	1107.680	1091.662	1092.670	1090.654	R[8]
H	1917.053	951.581	935.560	936.574	934.556	H[7]
R	2073.154	814.520	798.507	799.515	797.499	R[6]
K	2201.249	658.425	642.406	643.414	641.398	K[5]
V	2300.317	530.330	514.311	515.319	513.303	V[4]
L	2413.401	431.261	415.243	416.250	414.235	L[3]
R	2597.534	318.177	302.158	303.166	301.151	R[2]
D	2712.560	194.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRK**VLR^(Dimethyl)_(28.03) D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=78.43
- ▶ F121546.dat
- ▶ query=q37005.p1
- ▶ precursor=679.145210
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.092	1357.276	1349.267	0.504	1348.763	S[24]
G	2	102.553	1292.735	1284.745	0.504	1284.241	G[23]
R	3	180.603	1264.244	1256.234	1256.738	1255.731	R[22]
G	4	269.114	1186.193	1178.184	1178.688	1177.680	G[21]
R	5	294.167	1157.683	1149.673	1150.177	1149.169	R[20]
G	6	322.677	1072.630	1064.620	1065.124	1064.117	G[19]
G	7	351.188	1044.119	1036.110	1036.614	1035.606	G[18]
K	8	436.241	1015.608	1007.599	1008.103	1007.595	K[17]
G	9	464.752	930.556	922.546	923.050	922.042	G[16]
L	10	501.264	902.045	894.035	894.539	893.531	L[15]
G	11	540.304	845.503	837.493	837.997	836.990	G[14]
K	12	634.857	816.992	808.983	809.487	808.479	K[13]
G	13	663.368	731.939	723.930	724.434	723.426	G[12]
G	14	691.879	703.429	695.419	695.923	694.915	G[11]
A	15	727.397	674.918	666.908	667.412	666.405	A[10]
R	16	812.450	639.399	631.389	631.894	630.886	R[9]
R	17	890.500	594.347	586.337	586.841	585.833	R[8]
H	18	959.030	476.296	468.287	468.791	467.783	H[7]
R	19	1037.060	407.767	399.757	400.261	399.253	R[6]
K	20	1101.126	329.716	321.707	322.211	321.203	K[5]
V	21	1138.662	205.665	207.659	208.163	207.155	V[4]
L	22	1207.204	218.134	208.125	208.629	207.621	L[3]
R	23	1299.270	159.592	151.583	152.087	151.079	R[2]
D	24	1356.784	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

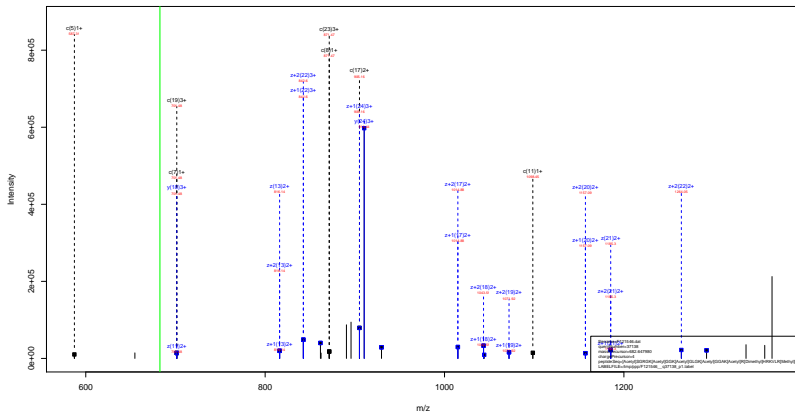
[Acetyl]SGR**GGK**^{Acetyl}_{42.01} **GGK**^{Acetyl}_{42.01} **GLGK**^{Acetyl}_{42.01} **GGAK**^{Acetyl}_{42.01} **RHRKVLR** (Dimethyl)^D_(28.03)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=78.43
- ▶ F121546.dat
- ▶ query=q37005_p1
- ▶ precursor=679.145210
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	905.186	999.847	0.672	899.311	S[24]
G[2]	68.704	852.172	856.833	0.672	856.907	G[23]
R[3]	120.738	843.165	837.825	838.161	837.489	R[22]
G[4]	139.745	791.131	785.792	786.128	785.456	G[21]
K[5]	196.447	772.124	766.785	767.120	766.449	K[20]
G[6]	215.454	715.422	710.083	710.419	709.747	G[19]
G[7]	234.461	696.415	691.076	691.412	690.740	G[18]
K[8]	291.163	677.408	672.068	672.404	671.732	K[17]
G[9]	310.170	620.706	615.367	615.703	615.031	G[16]
L[10]	347.895	601.699	595.359	595.695	595.022	L[15]
G[11]	386.972	584.004	578.665	579.001	578.329	G[14]
K[12]	423.574	544.997	539.658	539.994	539.322	K[13]
G[13]	442.581	488.295	482.956	483.292	482.620	G[12]
G[14]	461.588	469.288	463.949	464.285	463.613	G[11]
A[15]	485.267	450.281	444.941	445.277	444.605	A[10]
K[16]	541.969	426.602	421.262	421.598	420.926	K[9]
R[17]	594.003	369.900	364.561	364.896	364.225	R[8]
H[18]	639.689	317.866	312.527	312.863	312.191	H[7]
R[19]	681.723	272.180	266.841	267.176	266.505	R[6]
K[20]	734.421	220.146	214.807	215.143	214.471	K[5]
V[21]	757.444	177.448	172.109	172.444	171.773	V[4]
L[22]	805.139	144.425	139.086	139.422	138.750	L[3]
R[23]	856.516	106.731	101.391	101.727	101.055	R[2]
D[24]	904.858	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGK Acetyl 42.01 GGAK Acetyl 42.01 R Dimethyl 28.03 HRKVLR (Methyl) D (14.02)



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGK^{Acetyl} GGAK^{Acetyl} R^{Dimethyl} HRKVLR^(Methyl) D^(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=56.93
- ▶ F121546.dat
- ▶ query=q37138.p1
- ▶ precursor=682.647980
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	147.076	2727.560	2711.541	0.000	2710.534	S[24]
G	2	204.098	2598.518	2582.499	0.000	2581.491	G[23]
R	3	360.199	2541.490	2525.477	2526.485	2524.470	R[22]
G	4	417.220	2385.395	2369.376	2370.384	2368.366	G[21]
K	5	587.326	2328.373	2312.355	2313.363	2311.347	K[20]
G	6	644.347	2158.268	2142.249	2143.257	2141.241	G[19]
G	7	701.369	2101.247	2085.228	2086.236	2084.220	G[18]
K	8	871.474	2044.225	2028.206	2029.214	2027.198	K[17]
G	9	928.496	1874.120	1858.101	1859.109	1857.093	G[16]
L	10	1041.580	1817.098	1801.079	1802.087	1800.071	L[15]
G	11	1098.601	1764.014	1747.995	1748.993	1746.977	G[14]
K	12	1268.707	1646.993	1630.974	1631.982	1629.966	K[13]
G	13	1325.728	1478.887	1460.868	1461.876	1459.860	G[12]
G	14	1382.750	1419.869	1403.847	1404.855	1402.839	G[11]
A	15	1451.787	1362.844	1346.825	1347.833	1345.819	A[10]
K	16	1621.893	1291.807	1275.788	1276.796	1274.780	K[9]
R	17	1808.025	1121.707	1105.683	1106.691	1104.675	R[8]
H	18	1945.084	937.550	921.530	922.538	920.542	H[7]
R	19	2101.185	800.510	784.491	785.499	783.484	R[6]
K	20	2229.280	644.400	628.380	629.388	627.382	K[5]
V	21	2328.348	518.314	500.295	501.303	499.287	V[4]
L	22	2441.432	417.240	401.227	402.235	400.219	L[3]
R	23	2611.540	305.160	288.143	289.151	287.135	R[2]
D	24	2726.576	134.040	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRAcetyl
42.01GGKAcetyl
42.01GLGKAcetyl
42.01GGAKAcetyl
42.01RDimethyl
28.03HRKVLR
(14.02) Methyl

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=56.93
- ▶ F121546.dat
- ▶ query=q37138_p1
- ▶ precursor=682.647980
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1364.284	1356.274	0.504	1355.770	S[24]
G	2	102.553	1299.702	1291.753	0.504	1291.249	G[23]
R	3	180.003	1271.252	1263.242	1263.746	1262.748	R[22]
G	4	209.114	1193.201	1185.192	1185.696	1184.688	G[21]
K	5	294.167	1164.690	1156.681	1157.185	1156.177	K[20]
G	6	322.677	1079.638	1071.628	1072.132	1071.124	G[19]
G	7	351.188	1051.127	1043.118	1043.621	1042.614	G[18]
K	8	436.241	1022.616	1014.607	1015.111	1014.103	K[17]
G	9	464.752	937.563	929.554	930.058	929.050	G[16]
L	10	521.244	869.053	861.043	861.547	860.539	L[15]
G	11	549.804	852.511	844.501	845.005	843.997	G[14]
K	12	634.857	824.000	815.991	816.494	815.487	K[13]
G	13	663.368	738.947	730.938	731.442	730.434	G[12]
G	14	691.879	720.436	702.427	702.931	701.923	G[11]
A	15	727.397	681.926	673.916	674.420	673.412	A[10]
R	16	822.450	654.407	636.398	636.902	635.894	R[9]
R	17	904.516	561.354	553.345	553.849	552.841	R[8]
H	18	973.008	490.288	481.279	481.783	480.775	H[7]
R	19	1051.096	400.759	392.749	393.253	392.245	R[6]
R	20	1115.144	322.708	314.699	315.203	314.195	R[5]
V	21	1164.678	258.661	250.651	251.155	250.147	V[4]
L	22	1222.220	209.120	201.111	201.615	200.607	L[3]
L	23	1309.278	132.584	144.573	145.078	144.071	L[2]
D	24	1383.792	67.526	69.517	69.021	69.013	D[1]

sp | P62806 | H4_MOUSE

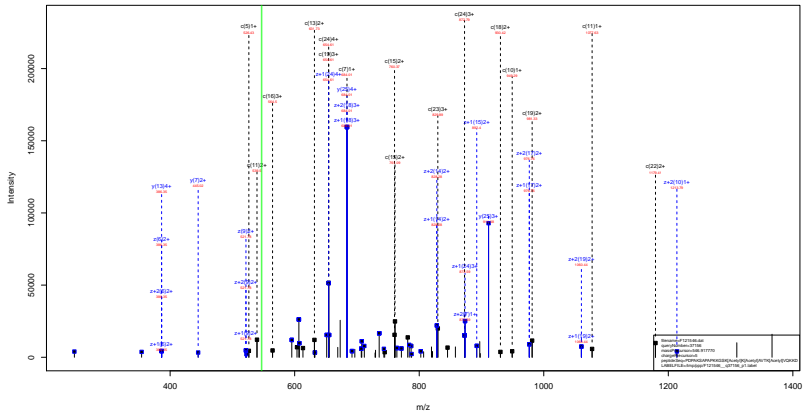
[Acetyl]SGRGK Acetyl
42.01 **GGK** Acetyl
42.01 **GLGK** Acetyl
42.01 **GGAK** Acetyl
42.01 **R** Dimethyl
28.03 **HRK****VLR** (Methyl)
(14.02) **D**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=56.93
- ▶ F121546.dat
- ▶ query=q37138.p1
- ▶ precursor=682.647980
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	909.858	904.519	0.672	904.193	S[24]
G[2]	68.704	856.844	861.504	0.672	861.169	G[23]
R[3]	120.738	847.837	842.497	842.813	842.161	R[22]
G[4]	139.745	795.803	790.464	790.800	790.129	G[21]
K[5]	196.447	776.796	771.456	771.792	771.120	K[20]
G[6]	215.454	720.094	714.755	715.091	714.419	G[19]
G[7]	234.461	701.087	695.747	696.083	695.412	G[18]
K[8]	291.163	682.080	676.740	677.076	676.404	K[17]
G[9]	310.170	625.378	620.038	620.374	619.703	G[16]
L[10]	347.895	606.371	601.031	601.367	600.695	L[15]
G[11]	386.972	588.976	583.637	583.973	583.301	G[14]
K[12]	423.574	549.669	544.329	544.665	543.994	K[13]
G[13]	442.581	492.967	487.628	487.964	487.292	G[12]
G[14]	461.588	473.960	468.620	468.956	468.285	G[11]
A[15]	485.267	454.953	449.613	449.949	449.277	A[10]
K[16]	541.969	431.274	425.934	426.270	425.598	K[9]
R[17]	603.346	374.572	369.232	369.568	368.896	R[8]
H[18]	649.033	313.195	307.855	308.191	307.519	H[7]
R[19]	701.067	267.508	262.168	262.505	261.833	R[6]
K[20]	743.705	215.875	210.535	210.871	209.999	K[5]
V[21]	776.788	172.776	167.437	167.773	167.101	V[4]
L[22]	814.482	130.753	134.414	134.750	134.078	L[3]
R[23]	871.188	102.059	96.719	97.055	96.383	R[2]
D[24]	909.530	45.353	40.014	40.349	39.678	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK ^{Acetyl}K ^{Acetyl}AVTK ^{Acetyl}VQKKD
 42.01 42.01 42.01



sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.03
- ▶ F121546.dat
- ▶ query=q37156.p1
- ▶ precursor=546.917770
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	#+1	#+2	z	AA	
P	1	115.087	3730.551	2714.533	0.000	2713.529	P[25]
D	2	230.114	2033.499	2017.450	0.000	2016.472	D[24]
P	3	327.166	2518.472	2502.453	0.000	2501.445	P[23]
A	4	398.203	2421.419	2405.400	0.000	2404.392	A[22]
K	5	526.298	2350.382	2334.363	2335.371	2333.355	K[21]
S	6	613.330	2222.287	2206.268	2207.276	2205.260	S[20]
A	7	684.368	2135.265	2119.238	2120.244	2118.228	A[19]
P	8	781.420	2004.215	2040.199	2049.207	2047.191	P[18]
A	9	852.457	1967.165	1951.146	1952.154	1950.138	A[17]
P	10	949.510	1896.128	1880.109	1881.117	1879.101	P[16]
K	11	1077.605	1799.075	1783.056	1784.064	1782.048	K[15]
K	12	1205.700	1670.980	1654.961	1655.969	1653.953	K[14]
G	13	1262.722	1542.885	1526.866	1527.874	1525.858	G[13]
S	14	1369.754	1405.804	1409.848	1470.853	1468.837	S[12]
K	15	1519.859	1308.831	1382.813	1383.821	1381.805	K[11]
K	16	1689.965	1228.728	1212.707	1213.715	1211.699	K[10]
A	17	1761.002	1058.620	1042.602	1043.610	1041.594	A[9]
V	18	1860.070	987.583	971.565	972.572	970.557	V[8]
T	19	1961.118	888.515	872.496	873.504	871.488	T[7]
K	20	2131.223	787.467	771.449	772.456	770.441	K[6]
V	21	2230.292	817.362	801.343	802.351	800.335	V[5]
Q	22	2358.350	518.293	502.275	503.282	501.267	Q[4]
K	23	2486.445	300.235	374.216	375.224	373.208	K[3]
K	24	2614.540	262.140	246.121	247.129	245.113	K[2]
D	25	2729.567	134.045	118.026	119.034	117.018	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.03
- ▶ F121546.dat
- ▶ query=q37156_p1
- ▶ precursor=546.917770
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
F	D	58.047	1305.779	1357.775	0.504	1307.265	F	25
D	2	115.500	1317.253	1329.244	0.504	1309.740	D	24
P	3	164.087	1250.730	1251.730	0.504	1251.225	P	23
A	4	199.605	1211.213	1203.204	0.504	1202.700	A	22
K	5	263.653	1175.694	1167.685	1168.189	1167.181	K	21
S	6	307.169	1111.647	1103.638	1104.142	1103.134	S	20
A	7	342.687	1058.131	1060.122	1060.626	1059.618	A	19
P	8	393.214	1032.612	1024.603	1025.107	1024.599	P	18
A	9	426.732	984.085	976.077	976.581	975.573	A	17
P	10	475.259	948.567	940.558	941.062	940.054	P	16
K	11	539.306	900.041	892.032	892.536	891.528	K	15
K	12	603.354	835.994	827.984	828.488	827.480	K	14
G	13	631.864	771.946	763.937	764.441	763.433	G	13
S	14	678.389	743.435	735.426	735.930	734.922	S	12
K	15	760.433	690.915	691.910	692.414	691.406	K	11
K	16	845.486	634.867	606.857	607.361	606.353	K	10
A	17	881.005	620.614	521.604	522.308	521.301	A	9
V	18	930.539	494.295	486.285	486.790	485.782	V	8
T	19	981.063	444.761	436.752	437.256	436.248	T	7
P	20	1059.115	394.237	306.228	306.732	305.724	P	6
V	21	1115.650	306.184	303.175	303.679	302.671	V	5
Q	22	1179.679	250.650	251.641	252.145	251.137	Q	4
K	23	1243.726	195.621	187.612	188.116	187.108	K	3
K	24	1307.774	131.574	123.564	124.068	123.060	K	2
D	25	1365.287	67.526	59.517	60.021	59.013	D	1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.03
- ▶ F121546.dat
- ▶ query=q37156.p1
- ▶ precursor=546.917770
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	910.855	905.516	0.672	905.180	P[25]
D[2]	77.376	878.504	873.165	0.672	872.829	D[24]
P[3]	109.727	840.162	834.822	0.672	834.487	P[23]
A[4]	133.406	807.811	802.472	0.672	802.136	A[22]
K[5]	176.104	784.132	778.792	779.128	778.457	K[21]
S[6]	203.115	741.335	736.094	739.430	735.758	S[20]
A[7]	228.794	712.423	707.083	707.419	706.748	A[19]
P[8]	261.145	688.744	683.404	683.740	683.069	P[18]
A[9]	294.824	666.193	651.054	651.389	650.718	A[17]
P[10]	317.175	632.714	627.375	627.710	627.039	P[16]
K[11]	359.873	600.363	595.024	595.360	594.688	K[15]
K[12]	402.572	557.665	552.325	552.661	551.989	K[14]
G[13]	421.579	514.967	509.627	509.963	509.291	G[13]
S[14]	450.589	495.959	490.620	490.956	490.284	S[12]
K[15]	507.291	456.949	451.609	451.945	451.273	K[11]
K[16]	563.993	410.241	404.901	405.237	404.571	K[10]
A[17]	587.672	353.545	348.205	348.541	347.869	A[9]
V[18]	620.695	329.886	324.526	324.862	324.190	V[8]
T[19]	654.377	296.843	291.504	291.840	291.168	T[7]
K[20]	711.079	263.161	257.821	258.157	257.485	K[6]
V[21]	744.102	206.459	201.119	201.455	200.783	V[5]
Q[22]	786.788	173.436	168.096	168.432	167.760	Q[4]
K[23]	829.487	130.750	125.410	125.746	125.074	K[3]
K[24]	872.185	88.051	82.712	83.048	82.376	K[2]
D[25]	910.327	48.353	40.014	40.349	39.678	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=48.03
- ▶ F121546.dat
- ▶ query=q37156.p1
- ▶ precursor=546.917770
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
P	1	29.527	603.393	679.389	0.755	679.137	P
D	2	58.284	659.130	655.125	0.755	654.873	D
P	3	82.547	630.373	626.369	0.755	626.117	P
A	4	100.306	606.110	662.105	0.755	661.854	A
K	5	132.330	688.351	764.346	0.755	764.094	K
S	6	154.088	656.321	732.317	0.755	732.070	S
A	7	171.547	634.569	730.564	0.755	730.312	A
P	8	196.111	616.810	712.805	0.755	712.553	P
A	9	213.870	492.547	488.542	0.755	488.290	A
P	10	238.133	474.787	470.783	0.755	470.531	P
K	11	270.157	450.524	446.520	0.755	446.268	K
K	12	302.180	418.500	414.496	0.755	414.244	K
G	13	316.436	386.477	382.472	0.755	382.220	G
S	14	338.194	372.221	368.217	0.755	367.965	S
K	15	380.720	350.463	346.459	0.755	346.207	K
K	16	423.247	307.937	303.932	0.755	303.680	K
A	17	441.006	285.411	281.406	0.755	281.154	A
V	18	465.773	247.651	243.647	0.755	243.395	V
T	19	491.035	222.884	218.880	0.755	218.628	T
K	20	533.561	197.622	193.618	0.755	193.366	K
V	21	558.328	155.096	151.091	0.755	150.839	V
Q	22	590.343	130.329	126.324	0.755	126.072	Q
K	23	622.367	98.314	94.309	0.755	94.057	K
K	24	654.391	66.290	62.286	0.755	62.034	K
D	25	683.147	34.267	30.262	0.755	30.010	D

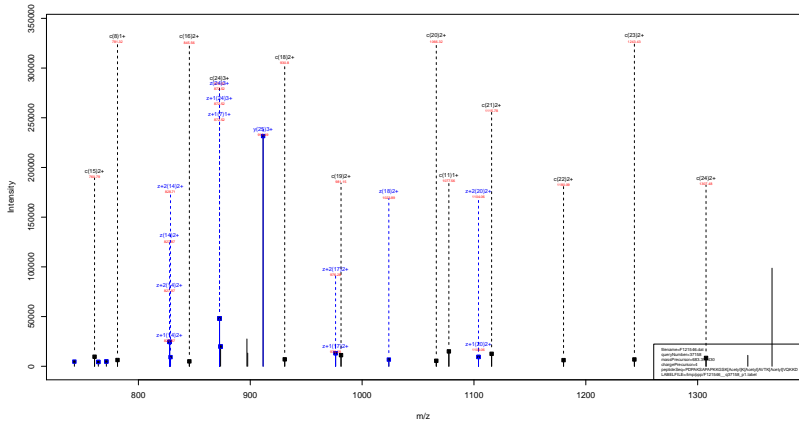
sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGSK ^{Acetyl}K ^{Acetyl}AVTK ^{Acetyl}VQKKD

42.01

42.01

42.01



sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.45
- ▶ F121546.dat
- ▶ query=q37158.p1
- ▶ precursor=683.395430
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
P1	115.087	2730.551	2714.533	0.000	2713.525	P25
D2	230.114	2633.498	2617.480	0.000	2616.472	D24
P3	327.166	2518.472	2502.453	0.000	2501.445	P23
A4	398.203	2421.419	2405.400	0.000	2404.392	A22
K5	526.298	2330.382	2314.363	2335.371	2333.355	K21
S6	613.330	2222.387	2206.368	2207.276	2205.260	S20
A7	694.368	2135.293	2119.239	2120.244	2118.225	A19
P8	781.420	2054.210	2048.199	2049.207	2047.191	P18
A9	852.457	1967.165	1951.146	1952.154	1950.138	A17
P10	949.510	1896.128	1880.109	1881.117	1879.101	P16
K11	1077.605	1799.075	1783.056	1784.064	1782.048	K15
K12	1205.700	1670.980	1654.961	1655.969	1653.953	K14
G13	1262.722	1542.885	1526.866	1527.874	1525.858	G13
S14	1349.754	1455.863	1440.843	1470.833	1468.817	S12
K15	1519.859	1368.831	1352.813	1383.821	1381.805	K11
K16	1689.965	1228.726	1212.707	1213.715	1211.699	K10
A17	1761.002	1058.620	1042.602	1043.610	1041.594	A9
V18	1860.070	987.583	971.565	972.572	970.557	V8
T19	1961.118	888.515	872.496	873.504	871.488	T7
K20	2131.223	787.467	771.448	772.456	770.441	K6
V21	2230.292	617.363	601.345	602.351	600.335	V5
Q22	2358.350	518.291	502.275	503.282	501.267	Q4
K23	2486.445	390.235	374.216	375.224	373.208	K3
K24	2614.540	262.140	246.121	247.129	245.113	K2
D25	2729.567	134.045	118.026	119.034	117.018	D1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.45
- ▶ F121546.dat
- ▶ query=q37158_p1
- ▶ precursor=683.395430
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	a+1	a+2	z	AA	
P	1	58.647	1365.779	1357.770	0.504	1357.266	P[25]
D	3	115.560	1317.253	1309.244	0.504	1308.740	D[24]
P	3	104.087	1259.730	1251.730	0.504	1251.226	P[23]
A	4	199.605	1311.213	1303.204	0.504	1302.700	A[22]
K	5	263.653	1175.694	1167.685	1.008	1167.181	K[21]
S	6	307.169	1111.647	1103.638	1104.142	1103.134	S[20]
A	7	362.667	1058.131	1050.122	1050.626	1050.116	A[19]
P	8	391.214	1032.612	1024.603	1025.107	1024.099	P[18]
A	9	426.732	984.086	976.077	976.581	975.572	A[17]
P	10	475.259	948.567	940.558	941.062	940.054	P[16]
K	11	539.306	900.041	892.032	892.536	891.528	K[15]
K	12	603.354	835.994	827.984	828.488	827.480	K[14]
Q	13	603.304	771.346	763.337	764.341	763.333	Q[13]
S	14	675.390	743.435	735.426	735.930	734.922	S[12]
K	15	760.433	699.919	691.910	692.414	691.406	K[11]
K	16	845.486	614.867	606.857	607.361	606.353	K[10]
A	17	881.005	529.814	521.804	522.308	521.301	A[9]
V	18	930.539	484.295	486.286	486.790	485.782	V[8]
T	19	981.063	444.761	436.752	437.256	436.248	T[7]
K	20	1004.115	394.237	386.228	386.732	385.724	K[6]
V	21	1115.650	309.184	301.175	301.679	300.671	V[5]
Q	22	1179.679	259.650	251.641	252.145	251.137	Q[4]
K	23	1243.726	195.621	187.612	188.116	187.108	K[3]
K	24	1367.774	131.574	123.564	124.068	123.060	K[2]
D	25	1365.287	87.526	89.537	89.021	89.013	D[1]

sp | Q64525 | H2B2B_MOUSE

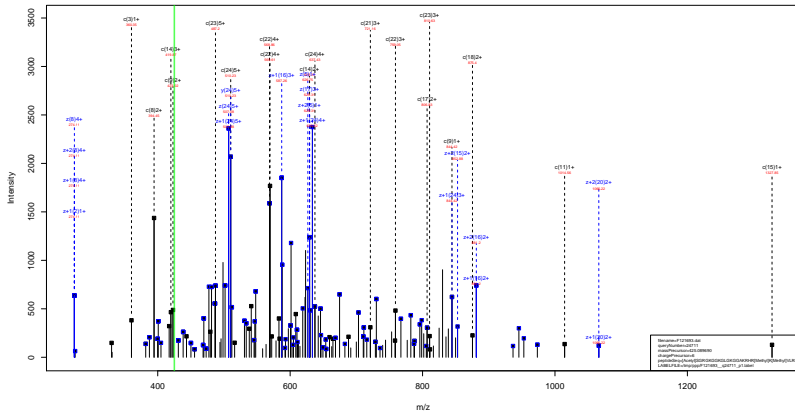
PDKAKSAPAPKKGSK ^{Acetyl}42.01 K ^{Acetyl}42.01 AVTK ^{Acetyl}42.01 VQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.45
- ▶ F121546.dat
- ▶ query=q37158.p1
- ▶ precursor=683.395430
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	910.855	905.516	0.672	905.180	P[25]
D[2]	77.376	878.504	873.165	0.672	872.829	D[24]
P[3]	109.727	840.162	834.822	0.672	834.487	P[23]
A[4]	133.406	807.811	802.472	0.672	802.136	A[22]
K[5]	178.104	784.132	778.792	779.128	778.457	K[21]
S[6]	205.115	741.434	736.094	736.430	735.788	S[20]
A[7]	228.794	712.421	707.081	707.419	706.748	A[19]
P[8]	261.145	688.744	683.404	683.740	683.059	P[18]
A[9]	284.824	656.393	651.054	651.389	650.718	A[17]
P[10]	317.175	632.714	627.375	627.710	627.039	P[16]
K[11]	359.873	600.363	595.024	595.360	594.688	K[15]
K[12]	402.572	557.665	552.325	552.661	551.989	K[14]
G[13]	421.579	514.967	509.627	509.963	509.291	G[13]
S[14]	450.589	495.959	490.620	490.956	490.284	S[12]
K[15]	507.291	466.949	461.609	461.945	461.273	K[11]
K[16]	563.993	410.247	404.907	405.243	404.571	K[10]
A[17]	587.672	351.543	346.203	346.541	345.869	A[9]
V[18]	620.695	329.866	324.526	324.862	324.190	V[8]
T[19]	654.377	296.843	291.504	291.840	291.168	T[7]
K[20]	711.079	263.161	257.821	258.157	257.485	K[6]
V[21]	744.102	206.459	201.119	201.455	200.783	V[5]
Q[22]	786.788	173.436	168.096	168.432	167.760	Q[4]
K[23]	829.487	130.750	125.410	125.746	125.074	K[3]
K[24]	872.185	88.051	82.712	83.048	82.376	K[2]
D[25]	910.527	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl}K ^{Methyl}VLRD
 14.02 14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl} K ^{Methyl} VLRD
14.02 14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.92
- ▶ F121693.dat
- ▶ query=q24711.p1
- ▶ precursor=425.089690
- ▶ chargePrecursor=6
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	11	147.076	2545.502	2529.483	0.000	2528.470	S	24
G	2	234.998	2516.460	2492.441	0.000	2399.433	G	23
R	3	360.199	2399.433	2343.416	2344.437	2342.412	R	22
G	4	417.220	2203.337	2187.318	2188.326	2186.310	G	21
K	5	545.315	2148.310	2130.297	2131.305	2129.289	K	20
G	6	602.337	2018.221	2002.202	2003.210	2001.194	G	19
G	7	659.358	1961.199	1945.180	1946.188	1944.173	G	18
K	8	787.453	1904.178	1888.159	1889.167	1887.151	K	17
G	9	844.475	1776.083	1760.064	1761.072	1759.056	G	16
L	10	857.559	1729.061	1703.043	1704.050	1702.035	L	15
G	11	1014.580	1605.977	1589.958	1590.966	1588.951	G	14
K	12	1142.075	1548.956	1532.937	1533.945	1531.929	K	13
G	13	1199.697	1420.861	1404.842	1405.850	1403.834	G	12
G	14	1256.718	1363.839	1347.821	1348.828	1346.813	G	11
A	15	1327.755	1306.818	1290.799	1291.807	1289.791	A	10
K	16	1455.850	1235.781	1219.762	1220.770	1218.754	K	9
R	17	1611.894	1107.686	1091.667	1092.675	1090.659	R	8
H	18	1749.030	951.582	935.566	936.574	934.558	H	7
R	19	1919.127	814.526	798.507	799.515	797.499	R	6
K	20	2061.238	644.400	628.390	629.398	627.382	K	5
V	21	2100.306	502.298	486.280	487.287	485.272	V	4
L	22	2273.390	403.230	387.211	388.219	386.203	L	3
R	23	2429.491	290.146	274.127	275.135	273.119	R	2
D	24	2544.518	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl} K ^{Methyl} VLRD
14.02 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.92
- ▶ F121693.dat
- ▶ query=q24711.p1
- ▶ precursor=425.089690
- ▶ chargePrecursor=6
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1273.255	1265.246	0.504	1264.741	S[24]
G[2]	162.553	1208.733	1200.724	0.504	1200.220	G[23]
H[3]	180.663	1130.223	1122.213	1172.717	1172.709	H[22]
G[4]	209.114	1102.172	1094.163	1094.667	1093.650	G[21]
K[5]	273.161	1073.661	1065.652	1066.156	1065.148	K[20]
G[6]	301.672	1009.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.183	961.103	973.094	973.598	972.590	G[18]
K[8]	394.230	952.592	944.583	945.087	944.079	K[17]
G[9]	422.741	886.545	880.536	881.040	880.032	G[16]
L[10]	479.283	860.034	852.025	852.529	851.521	L[15]
G[11]	507.704	803.492	795.483	795.987	794.979	G[14]
K[12]	571.841	774.982	766.972	767.476	766.468	K[13]
G[13]	600.352	710.934	702.925	703.429	702.421	G[12]
G[14]	628.863	602.423	674.414	674.918	673.910	G[11]
A[15]	664.391	653.913	645.903	646.407	645.399	A[10]
K[16]	723.439	618.394	610.385	610.889	609.881	K[9]
R[17]	806.479	554.867	546.337	546.841	545.833	R[6]
H[18]	875.009	476.396	468.287	468.791	467.783	H[7]
R[19]	960.067	407.767	399.757	400.261	399.253	R[0]
K[20]	1031.122	322.708	314.699	315.203	314.195	K[5]
V[21]	1080.657	251.653	243.643	244.147	243.140	V[4]
L[22]	1127.199	202.139	194.130	194.633	193.625	L[3]
L[23]	1213.249	153.577	145.567	146.071	145.063	L[2]
D[24]	1272.763	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl} K ^{Methyl} VLRD
14.02 14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=43.92
- ▶ F121693.dat
- ▶ query=q24711.p1
- ▶ precursor=425.089690
- ▶ chargePrecursor=6
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	849.172	843.833	0.672	843.497	S[24]
G[2]	56.704	806.158	800.813	0.672	800.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	130.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	716.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	668.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.958	673.692	568.352	568.688	568.016	L[15]
G[11]	338.965	535.997	530.658	530.994	530.322	G[14]
K[12]	381.563	516.990	511.651	511.986	511.315	K[13]
G[13]	400.570	474.292	468.952	469.288	468.616	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.257	436.277	430.938	431.274	430.602	A[10]
K[16]	485.955	412.598	407.259	407.595	406.923	K[9]
R[17]	537.989	369.900	364.561	364.896	364.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	649.351	272.180	266.841	267.176	266.505	R[6]
K[20]	687.751	215.475	210.135	210.471	209.799	K[5]
V[21]	720.774	168.104	162.765	163.101	162.429	V[4]
L[22]	758.468	135.082	129.742	130.078	129.406	L[3]
R[23]	810.502	97.387	92.047	92.383	91.711	R[2]
D[24]	848.844	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl}K ^{Methyl}VLRD
14.02 14.02

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=43.92
- ▶ F121693.dat
- ▶ query=q24711.p1
- ▶ precursor=425.089690
- ▶ chargePrecursor=6
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	637.131	633.126	0.755	632.074	S[24]
G[2]	51.780	604.870	600.866	0.755	600.614	G[23]
R[3]	90.805	590.615	586.610	586.862	586.358	R[22]
G[4]	105.061	551.590	547.585	547.837	547.333	G[21]
K[5]	137.084	537.334	533.330	533.582	533.078	K[20]
G[6]	151.340	505.311	501.306	501.558	501.054	G[19]
G[7]	165.595	491.055	487.051	487.303	486.799	G[18]
K[8]	197.619	476.800	472.795	473.047	472.543	K[17]
G[9]	211.874	454.776	440.771	443.023	440.520	G[16]
L[10]	280.148	430.521	426.516	428.768	426.264	L[15]
G[11]	254.401	407.500	398.243	398.497	397.993	G[14]
K[12]	286.424	387.994	383.989	384.242	383.738	K[13]
G[13]	300.680	355.971	351.966	352.218	351.714	G[12]
G[14]	314.935	341.715	337.711	337.963	337.459	G[11]
A[15]	332.694	327.460	323.455	323.707	323.203	A[10]
K[16]	364.718	309.701	305.696	305.948	305.444	K[9]
R[17]	403.743	277.877	273.672	273.924	273.420	R[8]
H[18]	438.008	238.652	234.647	234.899	234.395	H[7]
R[19]	497.517	204.397	200.392	200.644	200.140	R[6]
K[20]	516.865	161.858	157.853	158.105	157.601	K[5]
V[21]	540.832	126.330	122.325	122.577	122.073	V[4]
L[22]	569.103	101.563	97.558	97.810	97.306	L[3]
R[23]	608.128	73.292	69.287	69.539	69.035	R[2]
D[24]	636.885	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

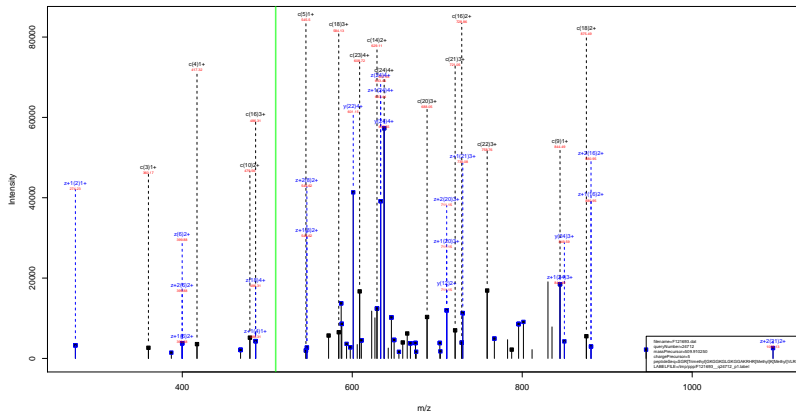
[Acetyl]SGRGKGGKGLGKGGAKRHR ^{Methyl} K ^{Methyl} VLRD
 14.02 14.02

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=43.92
- ▶ F121693.dat
- ▶ query=q24711.p1
- ▶ precursor=425.089690
- ▶ chargePrecursor=6
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	509.906	506.703	0.806	506.501	S[24]
G[2]	41.625	484.099	480.894	0.806	480.692	G[23]
R[3]	72.846	472.693	469.490	469.691	469.288	R[22]
G[4]	84.250	441.473	438.269	438.471	438.068	G[21]
K[5]	109.869	430.069	426.865	427.067	426.664	K[20]
G[6]	121.273	404.450	401.246	401.448	401.045	G[19]
G[7]	132.677	393.046	389.842	390.043	389.840	G[18]
K[8]	158.296	381.641	378.438	378.639	378.236	K[17]
G[9]	169.701	366.622	362.819	363.020	362.617	G[16]
L[10]	192.318	344.618	341.414	341.616	341.213	L[15]
G[11]	203.722	327.001	318.798	318.999	318.596	G[14]
K[12]	229.341	310.597	307.393	307.595	307.192	K[13]
G[13]	240.745	284.978	281.774	281.976	281.573	G[12]
G[14]	252.149	273.574	270.370	270.572	270.168	G[11]
A[15]	266.357	262.169	258.966	259.167	258.764	A[10]
K[16]	291.976	247.962	244.758	244.960	244.557	K[9]
R[17]	323.196	222.343	219.139	219.341	218.938	R[8]
H[18]	350.608	191.121	187.919	188.121	187.717	H[7]
R[19]	384.631	163.711	160.507	160.709	160.306	R[6]
K[20]	413.053	129.689	126.484	126.685	126.282	K[5]
V[21]	432.867	101.265	98.062	98.263	97.860	V[4]
L[22]	455.484	81.452	78.248	78.450	78.047	L[3]
R[23]	486.704	58.835	55.631	55.833	55.430	R[2]
D[24]	509.709	27.615	24.411	24.613	24.209	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHR^(Methyl) K^(Methyl)_(14.02) VLRD



sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHR^(Methyl)_(14.02) K^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.21
- ▶ F121693.dat
- ▶ query=q24712.p1
- ▶ precursor=509.910250
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	105.066	2545.539	2529.520	0.000	2528.512	S[24]
G	2	182.087	2858.507	2842.488	0.000	2841.480	G[23]
R	3	360.235	2301.485	2385.468	2369.474	2364.499	R[22]
G	4	417.257	2203.537	2187.518	2188.526	2186.510	G[21]
K	5	545.352	2146.516	2130.297	2131.305	2129.288	K[20]
G	6	602.373	2018.221	2002.202	2003.210	2001.194	G[19]
G	7	659.395	1961.199	1945.180	1946.188	1944.173	G[18]
K	8	787.490	1904.178	1888.159	1889.167	1887.151	K[17]
G	9	844.511	1776.083	1760.064	1761.072	1759.056	G[16]
L	10	987.595	1719.061	1703.043	1704.050	1702.035	L[15]
G	11	1014.617	1608.971	1589.950	1590.958	1588.951	G[14]
K	12	1142.712	1548.950	1532.937	1533.945	1531.929	K[13]
G	13	1199.733	1420.861	1404.842	1405.850	1403.834	G[12]
G	14	1256.755	1363.839	1347.821	1348.828	1346.813	G[11]
A	15	1327.792	1306.818	1290.799	1291.807	1289.791	A[10]
K	16	1455.887	1235.781	1219.762	1220.770	1218.754	K[9]
R	17	1611.888	1107.688	1091.667	1092.675	1090.659	R[8]
H	18	1749.897	951.585	935.568	936.574	934.558	H[7]
R	19	1919.163	814.526	798.507	799.515	797.499	R[6]
K	20	2051.274	644.400	628.380	629.398	627.382	K[5]
V	21	2160.342	502.290	486.280	487.287	485.272	V[4]
L	22	2273.427	403.230	387.211	388.219	386.203	L[3]
R	23	2429.528	290.146	274.127	275.135	273.119	R[2]
D	24	2544.555	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHR^(Methyl)_(14.02) K^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.21
- ▶ F121693.dat
- ▶ query=q24712.p1
- ▶ precursor=509.910250
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	53.037	1273.273	1265.264	0.504	1264.760	S[24]
G	2	81.547	1220.757	1221.748	0.504	1221.244	G[23]
R	3	130.821	1201.246	1193.237	1193.741	1192.733	R[22]
G	4	209.132	1102.172	1094.161	1094.667	1093.659	G[21]
K	5	273.180	1073.661	1065.652	1066.156	1065.148	K[20]
G	6	301.690	1009.614	1001.605	1002.108	1001.101	G[19]
G	7	330.201	981.103	973.094	973.598	972.590	G[18]
K	8	394.248	952.592	944.583	945.087	944.079	K[17]
G	9	422.759	888.545	880.536	881.040	880.032	G[16]
L	10	479.301	850.538	842.529	843.033	842.025	L[15]
G	11	507.812	803.492	795.483	795.987	794.979	G[14]
K	12	571.859	774.982	766.972	767.476	766.468	K[13]
G	13	600.370	710.934	702.925	703.429	702.421	G[12]
G	14	628.881	682.423	674.414	674.918	673.910	G[11]
A	15	664.399	653.913	645.903	646.407	645.399	A[10]
K	16	728.447	618.394	610.385	610.889	609.881	K[9]
R	17	852.898	554.347	546.337	546.841	545.833	R[8]
H	18	875.027	478.296	468.287	468.791	467.783	H[7]
R	19	950.089	407.767	399.757	400.261	399.253	R[6]
K	20	1031.141	322.708	314.699	315.203	314.195	K[5]
V	21	1080.675	251.653	243.643	244.147	243.140	V[4]
L	22	1137.217	202.119	194.109	194.613	193.605	L[3]
R	23	1215.267	145.577	137.567	138.071	137.063	R[2]
D	24	1272.781	87.526	89.517	89.021	89.013	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHR^(Methyl)_(14.02) K^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.21
- ▶ F121693.dat
- ▶ query=q24712.p1
- ▶ precursor=509.910250
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	849.184	843.845	0.672	843.509	S[24]
G[2]	94.701	839.174	819.337	0.672	814.668	G[23]
R[3]	120.750	801.167	795.827	796.163	795.491	R[22]
G[4]	159.757	795.117	725.778	730.114	729.442	G[21]
K[5]	182.455	716.110	710.770	711.106	710.435	K[20]
G[6]	201.463	673.412	668.072	668.408	667.736	G[19]
G[7]	220.470	654.405	649.065	649.401	648.729	G[18]
K[8]	263.168	635.397	630.058	630.394	629.722	K[17]
G[9]	282.175	592.699	587.360	587.695	587.024	G[16]
L[10]	319.870	571.692	565.352	565.688	568.016	L[15]
G[11]	338.877	535.991	530.651	530.994	530.322	G[14]
K[12]	381.575	516.990	511.651	511.996	511.315	K[13]
G[13]	400.583	474.292	468.952	469.288	468.616	G[12]
G[14]	419.590	455.285	449.945	450.281	449.609	G[11]
A[15]	443.269	436.277	430.938	431.274	430.602	A[10]
K[16]	485.967	412.598	407.259	407.595	406.923	K[9]
R[17]	538.001	369.900	364.561	364.896	364.225	R[8]
H[18]	583.687	317.866	312.527	312.863	312.191	H[7]
R[19]	660.393	272.180	266.841	267.176	266.505	R[6]
K[20]	687.763	215.875	210.535	210.871	209.999	K[5]
V[21]	720.786	168.104	162.765	163.101	162.429	V[4]
L[22]	758.480	135.082	129.742	130.078	129.406	L[3]
R[23]	810.514	97.387	92.047	92.383	91.711	R[2]
D[24]	948.856	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHR^(Methyl)_(14.02) K^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=58.21
- ▶ F121693.dat
- ▶ query=q24712.p1
- ▶ precursor=509.910250
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[3]	27.022	637.140	633.135	0.756	632.083	S[24]
G[2]	41.277	611.395	611.377	0.756	611.125	G[23]
R[3]	50.814	601.127	597.122	597.374	598.870	R[22]
G[4]	105.070	551.500	547.585	547.817	547.133	G[21]
K[5]	137.093	537.334	533.330	533.582	533.078	K[20]
G[6]	151.349	505.311	501.306	501.558	501.054	G[19]
G[7]	165.604	491.055	487.051	487.303	486.799	G[18]
K[8]	197.628	476.800	472.795	473.047	472.543	K[17]
G[9]	211.883	444.776	440.771	441.023	440.520	G[16]
L[10]	240.194	430.521	426.516	426.768	426.264	L[15]
G[11]	254.410	402.250	398.245	398.497	397.993	G[14]
K[12]	286.433	387.994	383.990	384.242	383.738	K[13]
G[13]	300.689	355.971	351.966	352.218	351.714	G[12]
G[14]	314.944	341.715	337.711	337.963	337.459	G[11]
A[15]	332.703	327.460	323.455	323.707	323.203	A[10]
K[16]	364.727	309.701	305.696	305.948	305.444	K[9]
R[17]	403.752	277.677	273.672	273.924	273.420	R[8]
H[18]	438.017	238.652	234.647	234.899	234.395	H[7]
R[19]	480.546	204.387	200.382	200.634	200.130	R[6]
K[20]	518.074	161.858	157.853	158.105	157.601	K[5]
V[21]	540.341	126.530	122.525	122.777	122.273	V[4]
L[22]	569.112	101.563	97.558	97.810	97.306	L[3]
R[23]	608.137	73.292	69.287	69.539	69.035	R[2]
D[24]	636.894	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHR^(Methyl)_(14.02) K^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=75.72
- ▶ F121693.dat
- ▶ query=q24715.p1
- ▶ precursor=637.136210
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
S	1	105.066	2545.539	2529.520	0.000	2528.512	S ₂₄
G	2	162.087	2458.507	2442.488	0.000	2441.480	G ₂₃
R	3	360.235	2301.480	2385.469	2369.474	2384.493	R ₂₂
G	4	417.257	2203.337	2187.318	2188.326	2186.310	G ₂₁
K	5	545.352	2146.316	2130.297	2131.305	2129.289	K ₂₀
G	6	602.373	2048.221	2002.202	2003.210	2001.194	G ₁₉
G	7	659.395	1961.199	1945.180	1946.188	1944.173	G ₁₈
K	8	787.490	1904.178	1888.159	1889.167	1887.151	K ₁₇
G	9	844.511	1776.083	1760.064	1761.072	1759.056	G ₁₆
L	10	937.595	1719.061	1703.043	1704.050	1702.035	L ₁₅
G	11	1014.617	1625.977	1589.958	1590.966	1588.951	G ₁₄
K	12	1142.712	1548.956	1532.937	1533.945	1531.929	K ₁₃
G	13	1199.733	1420.861	1404.842	1405.850	1403.834	G ₁₂
G	14	1256.755	1363.839	1347.821	1348.828	1346.813	G ₁₁
A	15	1327.792	1306.818	1290.799	1291.807	1289.791	A ₁₀
K	16	1455.887	1235.781	1219.762	1220.770	1218.754	K ₉
R	17	1611.988	1107.686	1091.667	1092.675	1090.660	R ₈
H	18	1749.047	951.589	935.566	936.574	934.558	H ₇
R	19	1919.163	814.526	798.507	799.515	797.499	R ₆
K	20	2061.274	644.400	628.380	629.388	627.382	K ₅
V	21	2160.342	502.298	486.280	487.287	485.272	V ₄
L	22	2273.427	403.230	387.211	388.219	386.203	L ₃
R	23	2429.528	290.146	274.127	275.135	273.119	R ₂
D	24	2544.555	134.045	118.028	119.034	117.018	D ₁

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHR^(Methyl)_(14.02) K^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=75.72
- ▶ F121693.dat
- ▶ query=q24715.p1
- ▶ precursor=637.136210
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	1273.273	1265.264	0.504	1264.760	S[24]
G[2]	81.547	1229.757	1221.748	0.504	1221.244	G[23]
R[3]	180.621	1201.246	1193.237	1193.743	1192.733	R[22]
G[4]	209.132	1162.732	1094.163	1094.667	1093.659	G[21]
K[5]	274.190	1093.565	1065.652	1066.156	1065.149	K[20]
G[6]	301.690	1059.614	1001.605	1002.108	1001.101	G[19]
G[7]	330.201	981.103	973.094	973.598	973.590	G[18]
K[8]	394.248	952.592	944.583	945.087	944.079	K[17]
G[9]	422.759	888.545	880.536	881.040	880.032	G[16]
L[10]	459.301	860.034	852.025	852.529	851.521	L[15]
G[11]	507.812	803.482	795.483	795.987	794.979	G[14]
K[12]	571.859	774.982	766.972	767.476	766.468	K[13]
G[13]	600.370	710.934	702.925	703.429	702.421	G[12]
G[14]	628.881	682.423	674.414	674.918	673.910	G[11]
A[15]	664.399	653.913	645.903	646.407	645.399	A[10]
R[16]	729.427	618.396	610.385	610.889	609.881	R[9]
R[17]	806.498	554.347	546.337	546.841	545.833	R[8]
H[18]	875.027	476.296	468.287	468.791	467.783	H[7]
R[19]	960.085	407.767	399.757	400.261	399.253	R[6]
K[20]	1031.141	322.708	314.699	315.203	314.195	K[5]
V[21]	1080.675	251.653	243.643	244.147	243.140	V[4]
L[22]	1137.217	202.119	194.109	194.613	193.605	L[3]
R[23]	1215.267	145.577	137.567	138.071	137.063	R[2]
D[24]	1272.781	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGR^{Trimethyl}_{42.05} GKGGKGLGKGGAKRHR^(Methyl)_(14.02) K^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=75.72
- ▶ F121693.dat
- ▶ query=q24715.p1
- ▶ precursor=637.136210
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	849.184	843.845	0.672	843.509	S[24]
G[2]	94.701	839.174	819.337	0.672	814.668	G[23]
R[3]	120.750	801.167	795.827	796.163	795.491	R[22]
G[4]	159.757	735.117	729.778	730.114	729.442	G[21]
K[5]	182.455	718.110	710.770	711.106	710.435	K[20]
G[6]	201.463	673.412	668.072	666.408	667.736	G[19]
G[7]	220.470	654.405	649.065	649.401	648.729	G[18]
K[8]	263.168	635.397	630.058	630.394	629.722	K[17]
G[9]	282.175	592.699	587.360	587.695	587.024	G[16]
L[10]	319.870	571.692	565.352	565.688	566.016	L[15]
G[11]	338.877	535.991	530.651	530.984	530.322	G[14]
K[12]	351.575	516.980	511.651	511.986	511.315	K[13]
G[13]	400.583	474.282	468.952	469.288	468.618	G[12]
G[14]	419.590	455.285	449.945	450.281	449.609	G[11]
A[15]	443.269	436.277	430.938	431.274	430.602	A[10]
K[16]	485.967	412.588	407.250	407.585	406.923	K[9]
R[17]	538.001	369.900	364.561	364.896	364.225	R[8]
H[18]	583.687	317.866	312.527	312.863	312.191	H[7]
R[19]	640.393	272.180	266.841	267.176	266.505	R[6]
K[20]	687.783	215.475	210.135	210.471	209.799	K[5]
V[21]	720.788	168.104	162.765	163.101	162.429	V[4]
L[22]	758.480	135.082	129.742	130.078	129.406	L[3]
R[23]	810.514	97.387	92.047	92.383	91.711	R[2]
D[24]	848.856	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 **GGAK** ^{Trimethyl}42.05 **RHR** ^{Methyl}14.02 **K** ^{Methyl}14.02 **VLRD**

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.39
- ▶ F121693.dat
- ▶ query=q25259_p1
- ▶ precursor=526.715260
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2629.560	2613.541	0.000	2612.533	S	24
G	2	224.998	2509.517	2494.498	0.000	2493.491	G	23
R	3	360.199	2343.466	2327.477	2426.488	2426.489	R	22
G	4	417.220	2287.395	2271.376	2272.384	2270.368	G	21
K	5	545.315	2230.373	2214.354	2215.362	2213.347	K	20
G	6	602.337	2102.278	2086.259	2087.267	2085.252	G	19
G	7	659.358	2045.257	2029.238	2030.246	2028.230	G	18
K	8	787.453	1988.235	1972.216	1973.224	1971.209	K	17
G	9	844.475	1890.140	1844.122	1845.130	1843.114	G	16
L	10	897.559	1803.119	1787.100	1788.108	1786.092	L	15
G	11	1014.580	1690.035	1674.016	1675.024	1673.008	G	14
K	12	1184.686	1633.013	1616.995	1618.002	1615.987	K	13
G	13	1241.707	1462.908	1446.889	1447.897	1445.881	G	12
G	14	1298.729	1405.888	1389.868	1390.875	1388.860	G	11
A	15	1369.766	1348.865	1332.846	1333.854	1331.838	A	10
K	16	1539.908	1277.820	1261.809	1262.817	1260.801	K	9
R	17	1698.909	1199.860	1183.857	1184.876	1182.859	R	8
H	18	1833.068	951.585	935.566	936.574	934.558	H	7
R	19	2003.185	814.526	798.507	799.515	797.499	R	6
K	20	2145.295	644.409	638.390	629.398	627.383	K	5
V	21	2244.364	502.298	486.280	487.287	485.272	V	4
L	22	2367.448	403.230	387.211	388.219	386.203	L	3
R	23	2513.549	290.140	274.127	275.135	273.119	R	2
D	24	2628.576	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 **GGAK** ^{Trimethyl}42.05 **RHR** ^{Methyl}14.02 **K** ^{Methyl}14.02 **VLRD**

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.39
- ▶ F121693.dat
- ▶ query=q25259_p1
- ▶ precursor=526.715260
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1315.284	1307.294	0.504	1306.770	S[24]
G[2]	102.553	1250.762	1242.753	0.504	1242.240	G[23]
R[3]	180.603	1222.251	1214.242	1914.746	1213.730	R[22]
G[4]	259.114	1144.201	1136.192	1116.695	1135.680	G[21]
K[5]	274.163	1115.690	1107.681	1108.185	1107.170	K[20]
G[6]	301.672	1051.643	1043.633	1044.137	1043.120	G[19]
G[7]	330.183	1023.132	1015.123	1015.627	1014.619	G[18]
K[8]	394.230	994.621	986.612	987.116	986.100	K[17]
G[9]	422.741	930.574	922.564	923.068	922.050	G[16]
L[10]	479.283	892.063	894.064	894.558	893.550	L[15]
G[11]	507.794	845.521	837.512	838.016	837.008	G[14]
K[12]	592.847	817.010	809.001	809.505	808.497	K[13]
G[13]	621.357	731.958	723.948	724.452	723.444	G[12]
G[14]	649.868	703.447	695.437	695.941	694.933	G[11]
A[15]	685.387	674.936	666.927	667.431	666.423	A[10]
R[16]	776.458	639.417	631.408	631.912	630.904	R[9]
R[17]	848.508	554.347	546.337	546.841	545.833	R[8]
H[18]	917.038	476.296	468.287	468.791	467.783	H[7]
R[19]	1002.096	407.767	399.757	400.261	399.253	R[6]
K[20]	1073.151	322.706	314.699	315.203	314.195	K[5]
V[21]	1127.686	254.583	246.583	244.447	243.140	V[4]
L[22]	1179.227	202.119	194.109	194.613	193.605	L[3]
R[23]	1267.278	145.577	137.567	138.071	137.063	R[2]
D[24]	1314.791	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 **GGAK** ^{Trimethyl}42.05 **RHR** ^{Methyl}14.02 **K** ^{Methyl}14.02 **VLRD**

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.39
- ▶ F121693.dat
- ▶ query=q25259_p1
- ▶ precursor=526.715260
- ▶ chargePrecursor=5
- ▶ itol=0.7

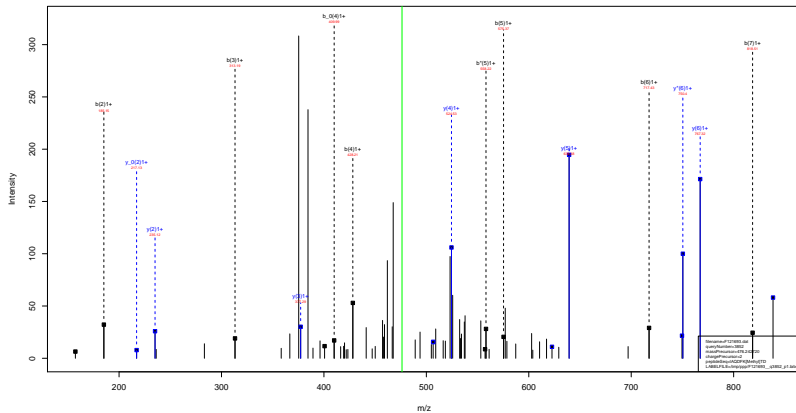
AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.191	871.852	0.672	871.516	S[24]
G[2]	58.704	834.177	828.838	0.672	828.502	G[23]
R[3]	150.738	815.170	809.831	810.166	809.495	R[22]
G[4]	139.745	763.136	757.797	758.133	757.461	G[21]
K[5]	182.443	744.129	738.790	739.126	738.454	K[20]
G[6]	201.450	701.431	696.091	696.427	695.755	G[19]
G[7]	220.458	682.424	677.084	677.420	676.748	G[18]
K[8]	263.156	663.417	658.077	658.413	657.741	K[17]
G[9]	282.163	620.718	615.379	615.715	615.043	G[16]
L[10]	319.858	601.711	596.372	596.707	596.036	L[15]
G[11]	338.865	584.076	558.677	559.013	558.341	G[14]
K[12]	395.567	545.009	539.670	540.006	539.334	K[13]
G[13]	414.574	488.307	482.908	483.304	482.632	G[12]
G[14]	433.581	469.300	463.961	464.297	463.625	G[11]
A[15]	457.260	450.293	444.954	445.289	444.618	A[10]
K[16]	513.974	426.614	421.275	421.610	420.939	K[9]
R[17]	566.008	369.900	364.561	364.896	364.225	R[8]
H[18]	611.694	317.866	312.527	312.863	312.191	H[7]
R[19]	668.400	272.180	266.841	267.176	266.505	R[6]
K[20]	715.770	215.475	210.135	210.471	209.799	K[5]
V[21]	748.793	168.104	162.765	163.101	162.429	V[4]
L[22]	786.487	135.082	129.742	130.078	129.406	L[3]
R[23]	838.521	97.387	92.047	92.383	91.711	R[2]
D[24]	876.863	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGK ^{Acetyl}42.01 **GGAK** ^{Trimethyl}42.05 **RHR** ^{Methyl}14.02 **K** ^{Methyl}14.02 **VLRD**

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=76.39
- ▶ F121693.dat
- ▶ query=q25259_p1
- ▶ precursor=526.715260
- ▶ chargePrecursor=5
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	658.145	654.141	0.755	653.889	S[24]
G[2]	51.780	625.885	621.880	0.755	621.628	G[23]
R[3]	90.805	611.629	607.625	607.877	607.373	R[22]
G[4]	105.061	572.604	568.599	568.851	568.347	G[21]
K[5]	137.084	558.349	554.344	554.596	554.092	K[20]
G[6]	151.340	526.325	522.320	522.572	522.068	G[19]
G[7]	165.595	512.070	508.065	508.317	507.813	G[18]
K[8]	197.619	497.814	493.810	494.062	493.558	K[17]
G[9]	211.874	486.791	482.786	482.938	481.334	G[16]
L[10]	280.148	451.535	447.530	447.782	447.278	L[15]
G[11]	254.401	423.264	419.259	419.511	419.007	G[14]
K[12]	296.627	409.000	405.004	405.256	404.752	K[13]
G[13]	311.182	366.482	362.478	362.730	362.226	G[12]
G[14]	325.438	352.227	348.222	348.474	347.970	G[11]
A[15]	343.197	337.972	333.967	334.219	333.715	A[10]
K[16]	385.732	320.212	316.208	316.460	315.956	K[9]
R[17]	424.758	277.877	273.672	273.924	273.420	R[8]
H[18]	459.022	238.652	234.647	234.899	234.395	H[7]
R[19]	501.552	204.397	200.392	200.644	200.140	R[6]
K[20]	537.079	161.858	157.853	158.105	157.601	K[5]
V[21]	561.846	126.330	122.325	122.577	122.073	V[4]
L[22]	560.117	101.563	97.558	97.810	97.306	L[3]
R[23]	629.143	73.292	69.287	69.539	69.035	R[2]
D[24]	657.899	34.267	30.262	30.514	30.010	D[1]



sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.53
- ▶ F121693.dat
- ▶ query=q3852_p1
- ▶ precursor=476.242720
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a:Δ	b	b*	b:Δ	y	y*	y:Δ	AA
T 1	46.998	0.000	0.000	114.098	0.000	0.000	901.416	109.404	213.988	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.354	821.350	820.384	A 2
Q 3	286.192	286.186	0.000	313.187	296.160	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	362.209	478.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	540.261	549.277	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	689.356	672.332	673.368	717.363	700.369	669.362	377.263	369.172	369.184	R 6
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	217.082	T 7
G 8	905.473	880.449	887.462	933.468	916.441	915.467	134.040	0.000	116.034	G 8

sp | P68433 | H31_MOUSE

IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=42.59
- ▶ F121693.dat
- ▶ query=q3854.p1
- ▶ precursor=476.242840
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,d	b	b*	b,d	y	y*	y,d	AA
T 1	46.098	0.000	0.000	114.098	0.000	0.000	901.414	109.404	1213.668	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	838.384	821.384	820.384	A 2
Q 3	286.192	286.186	0.000	313.187	296.160	0.000	767.357	750.330	749.346	Q 3
G 4	400.219	393.193	362.209	428.214	411.187	410.203	636.298	622.272	621.288	G 4
F 5	547.287	540.261	529.277	575.282	558.256	557.272	524.271	507.245	506.261	F 5
R 6	678.288	672.312	671.368	717.393	700.369	697.382	377.263	366.172	366.193	R 6
T 7	790.446	775.419	772.435	818.441	801.414	800.430	235.092	0.000	237.082	T 7
G 8	905.473	880.446	887.462	933.468	916.441	915.457	134.040	0.000	136.034	G 8

sp | P68433 | H31_MOUSE

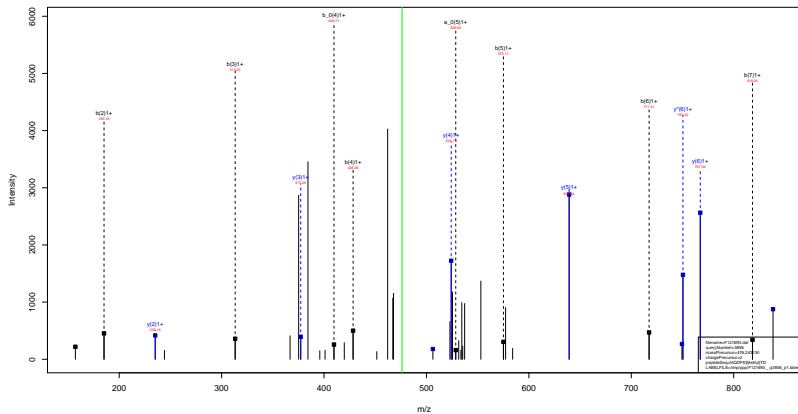
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.37
- ▶ F121693.dat
- ▶ query=q3855_p1
- ▶ precursor=476.243130
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
I 1	131.118	951.478	935.459	0.000	934.452	I 8
A 2	202.155	838.394	822.375	0.000	821.368	A 7
Q 3	330.214	767.357	751.338	752.346	750.330	Q 6
D 4	445.241	639.298	623.280	624.288	622.272	D 5
F 5	592.309	524.271	508.253	509.261	507.245	F 4
K 6	734.420	377.203	361.184	362.192	360.177	K 3
T 7	835.467	235.092	219.074	220.082	218.066	T 2
D 8	950.494	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02

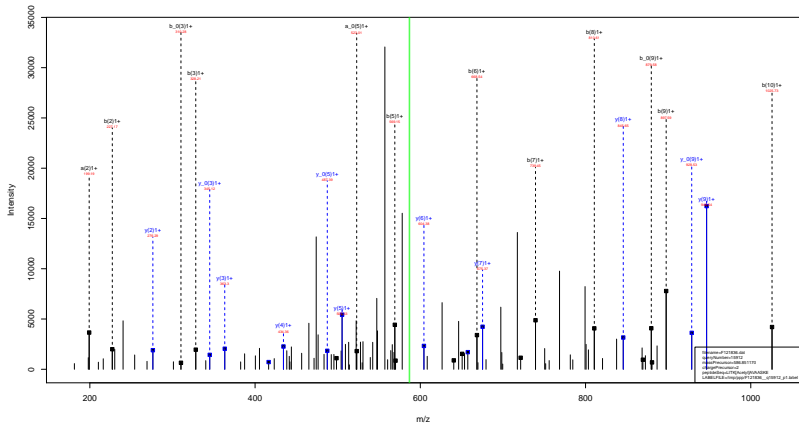


- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=50.58
- ▶ F121693.dat
- ▶ query=q3856_p1
- ▶ precursor=476.243130
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a:d	b	b*	b:d	y	y*	y:d	AA
T [1]	46.098	0.000	0.000	114.093	0.000	0.000	901.416	109.406	1213.669	T [1]
A [2]	157.134	0.000	0.000	185.128	0.000	0.000	838.354	821.366	820.384	A [2]
Q [3]	286.192	286.186	0.000	313.187	296.160	0.000	767.357	750.330	749.346	Q [3]
G [4]	400.219	393.193	367.200	428.214	411.187	410.203	636.298	622.272	621.288	G [4]
F [5]	547.287	540.261	524.277	575.282	558.256	557.272	524.271	507.245	506.261	F [5]
R [6]	689.366	672.337	671.366	717.393	700.366	699.382	377.263	360.177	359.193	R [6]
T [7]	790.446	775.419	772.431	818.441	801.414	800.430	235.092	0.000	237.082	T [7]
G [8]	905.473	889.446	887.462	913.468	916.441	915.457	134.040	0.000	116.034	G [8]

sp | P15864 | H12_MOUSE

LITK^{Acetyl} AVAASKE
42.01



sp | P15864 | H12_MOUSE

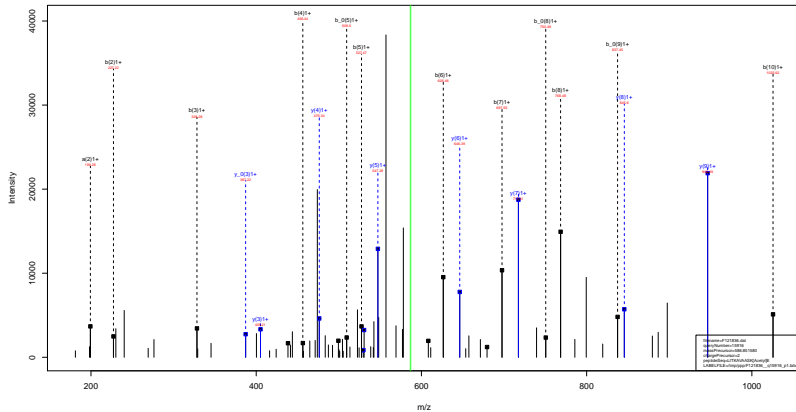
LITK^{Acetyl} AVAASKE
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.55
- ▶ F121836.dat
- ▶ query=q15912.p1
- ▶ precursor=586.851170
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y ^a	a ₀	b	b ^a	b ₀	y	y ^a	y ₀	AA
L[1]	88.098	0.000	0.000	114.093	0.000	0.000	117.280	119.082	1194.078	L[11]
T[2]	109.180	0.000	0.000	227.175	0.000	0.000	109.094	104.723	2381.964	T[10]
T[3]	304.528	0.000	282.211	328.221	0.000	318.213	946.520	929.444	928.510	T[10]
K[4]	270.534	651.507	851.366	498.529	681.502	680.510	845.471	828.444	827.462	K[10]
A[5]	143.414	678.587	521.366	565.366	688.509	681.510	875.367	888.441	887.367	A[10]
V[6]	840.439	923.433	923.433	665.434	951.448	950.424	664.338	587.324	588.327	V[6]
A[7]	211.476	684.489	684.489	738.471	722.445	721.461	505.282	488.270	487.251	A[10]
A[8]	182.517	685.488	684.503	810.508	793.482	792.498	424.225	417.080	416.214	A[10]
S[9]	869.545	923.433	923.433	897.540	880.514	879.530	361.187	360.201	345.177	S[10]
R[10]	397.640	980.514	979.433	1025.615	1008.609	1007.625	276.155	259.123	258.141	R[10]
E[11]	1216.683	1189.888	1188.871	1154.878	1137.851	1136.867	148.888	0.000	138.888	E[11]

sp | P15864 | H12_MOUSE

LITKAVAASK ^{Acetyl}E
42.01



sp | P15864 | H12_MOUSE

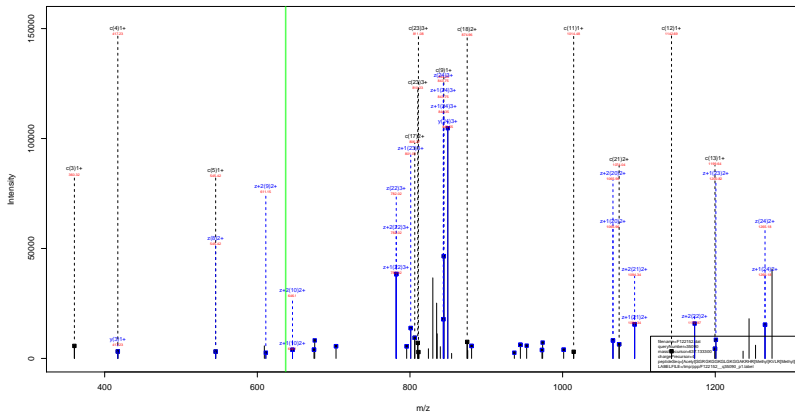
LITKAVAASK^{Acetyl}E
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=51.53
- ▶ F121836.dat
- ▶ query=q15916_p1
- ▶ precursor=586.851580
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	y ^a	a ₀	b	b ^a	b ₀	y	y ^a	y ₀	AA
L[1]	86.298	0.000	0.000	174.095	0.000	0.000	172.280	1120.692	1154.978	L[11]
T[2]	170.180	0.000	0.000	227.175	0.000	0.000	1208.494	1042.729	1084.904	T[10]
T[3]	300.270	0.000	382.210	328.221	0.000	310.211	946.520	979.484	928.510	T[10]
K[4]	399.360	481.200	430.151	456.310	416.201	438.307	843.471	828.444	817.402	K[10]
R[5]	478.360	602.210	641.201	527.261	608.251	589.241	117.311	788.281	899.291	R[10]
V[6]	578.450	783.420	820.411	626.421	808.407	808.411	646.311	679.324	628.330	V[10]
A[7]	678.540	962.430	1001.421	697.461	1001.414	979.420	547.272	330.246	529.262	A[10]
A[8]	740.540	123.430	122.482	768.480	751.471	730.467	476.235	490.280	458.270	A[10]
S[9]	877.530	150.440	149.524	150.520	150.501	837.510	405.183	388.219	387.187	S[10]
R[10]	997.640	280.514	979.630	1025.615	1008.600	1007.620	105.180	305.170	300.161	R[10]
E[11]	1126.630	1108.600	1108.671	1158.670	1137.651	1136.660	148.600	0.000	130.600	E[11]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl) KVLRL Methyl D
 (14.02) 14.02



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl) KVLRL Methyl D
(14.02) 14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=88.03
- ▶ F122152.dat
- ▶ query=q35090.p1
- ▶ precursor=637.133300
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S	147.070	2545.502	2529.483	0.000	2528.476	S[24]
G	204.998	2416.460	2400.441	0.000	2399.433	G[23]
R	300.190	2399.433	2383.419	2364.427	2342.412	R[22]
G	417.220	2203.337	2187.318	2188.326	2186.310	G[21]
K	545.315	2146.310	2130.297	2131.305	2129.289	K[20]
G	602.337	2018.221	2002.202	2003.210	2001.194	G[19]
G	609.358	1961.199	1945.180	1946.188	1944.173	G[18]
K	787.453	1904.178	1888.159	1889.167	1887.151	K[17]
G	844.475	1776.081	1760.064	1761.072	1759.056	G[16]
L	877.597	1719.061	1703.043	1704.050	1702.035	L[15]
G	1014.580	1605.977	1589.958	1590.966	1588.951	G[14]
K	1142.675	1548.956	1532.937	1533.945	1531.929	K[13]
G	1199.697	1420.861	1404.842	1405.850	1403.834	G[12]
G	1296.718	1363.839	1347.821	1348.828	1346.813	G[11]
A	1327.795	1306.818	1290.799	1291.807	1289.791	A[10]
K	1455.850	1235.781	1219.762	1220.770	1218.754	K[9]
R	1611.951	1107.686	1091.667	1092.675	1090.660	R[8]
H	1749.010	951.580	935.560	936.574	934.555	H[7]
R	1919.127	814.520	798.507	799.515	797.499	R[6]
K	2047.222	644.400	628.390	629.398	627.382	K[5]
V	2146.290	516.314	500.296	501.303	499.287	V[4]
L	2259.374	417.246	401.227	402.235	400.219	L[3]
R	2429.491	304.162	288.143	289.151	287.135	R[2]
D	2544.518	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl)
(14.02) KVLRL Methyl
14.02 D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=88.03
- ▶ F122152.dat
- ▶ query=q35090.p1
- ▶ precursor=637.133300
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S 1	74.092	1273.255	1265.245	0.504	1264.741	S 24
G 2	102.553	1208.733	1200.724	0.504	1200.220	G 23
R 3	180.603	1180.223	1172.213	1172.717	1171.700	R 22
G 4	209.114	1102.772	1094.163	1094.667	1093.650	G 21
K 5	273.163	1073.661	1065.652	1066.156	1065.140	K 20
G 6	301.672	1009.614	1001.605	1002.608	1001.101	G 19
G 7	330.183	981.103	973.094	973.598	972.590	G 18
K 8	394.230	952.592	944.583	945.087	944.079	K 17
G 9	422.741	888.545	880.536	881.040	880.032	G 16
L 10	479.283	860.136	852.127	853.130	852.123	L 15
G 11	507.794	831.626	795.483	795.987	794.970	G 14
K 12	571.841	774.083	766.072	767.076	766.068	K 13
G 13	600.352	710.934	702.925	703.429	702.421	G 12
G 14	628.863	682.423	674.414	674.918	673.910	G 11
A 15	664.364	653.912	645.903	646.407	645.399	A 10
R 16	728.426	618.394	610.385	610.889	609.881	R 9
R 17	806.479	554.347	546.337	546.841	545.833	R 8
H 18	875.009	476.290	468.282	468.791	467.783	H 7
R 19	960.067	407.767	399.757	400.261	399.253	R 6
K 20	1028.115	322.708	314.699	315.203	314.195	K 5
V 21	1073.649	258.061	250.052	251.056	250.048	V 4
L 22	1130.153	209.126	201.117	201.621	200.613	L 3
R 23	1215.249	152.584	144.575	145.079	144.071	R 2
D 24	1272.763	67.526	59.517	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

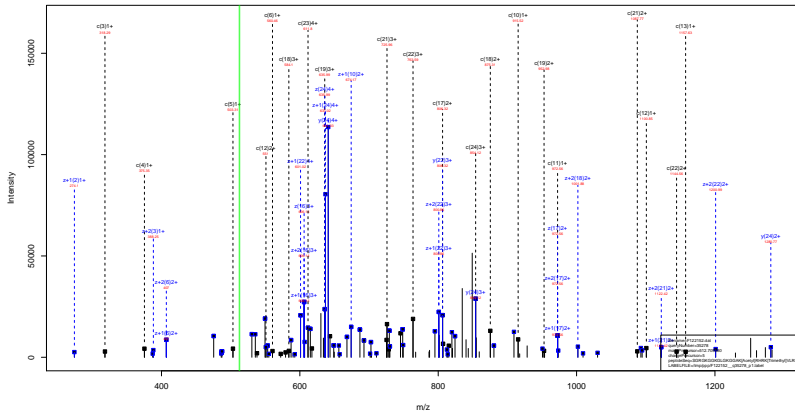
[Acetyl]SGRGKGGKGLGKGGAKRHR (Methyl)
(14.02) KVLRL Methyl
14.02

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=88.03
- ▶ F122152.dat
- ▶ query=q35090_p1
- ▶ precursor=637.133300
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	849.172	843.833	0.672	843.497	S[24]
G[2]	68.704	806.156	800.818	0.672	800.483	G[23]
R[3]	120.738	787.151	781.811	782.147	781.475	R[22]
G[4]	139.745	735.117	729.778	730.114	729.442	G[21]
K[5]	182.443	718.110	710.770	711.106	710.435	K[20]
G[6]	201.450	673.412	668.072	666.408	667.736	G[19]
G[7]	220.458	654.405	649.065	649.401	648.729	G[18]
K[8]	263.156	635.397	630.058	630.394	629.722	K[17]
G[9]	282.163	592.699	587.360	587.695	587.024	G[16]
L[10]	319.858	571.692	566.352	566.688	566.016	L[15]
G[11]	338.865	535.991	530.651	530.984	530.322	G[14]
K[12]	381.563	516.980	511.641	511.986	511.315	K[13]
G[13]	400.570	474.282	468.942	469.288	468.618	G[12]
G[14]	419.578	455.285	449.945	450.281	449.609	G[11]
A[15]	443.297	436.277	430.938	431.274	430.602	A[10]
K[16]	485.995	412.588	407.250	407.595	406.923	K[9]
R[17]	537.989	399.900	394.561	394.896	394.225	R[8]
H[18]	583.675	317.866	312.527	312.863	312.191	H[7]
R[19]	640.381	272.180	266.841	267.176	266.505	R[6]
K[20]	683.078	215.875	210.535	210.871	209.999	K[5]
V[21]	716.102	172.776	167.437	167.773	167.101	V[4]
L[22]	753.796	139.753	134.414	134.750	134.078	L[3]
R[23]	810.502	102.059	96.719	97.055	96.383	R[2]
D[24]	848.844	45.351	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAK ^{Acetyl} RHRK ^{Trimethyl} VLRD
 42.01 42.05



sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHRK ^{Trimethyl}42.05 VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=93.91
- ▶ F122152.dat
- ▶ query=q35278.p1
- ▶ precursor=512.709980
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
S	1	105.066	2559.518	2543.499	0.000	2542.491	S[24]
G	2	182.987	2472.488	2456.467	0.000	2455.459	G[23]
R	3	318.188	2415.464	2399.446	2400.453	2398.438	R[22]
G	4	375.210	2259.363	2243.345	2244.352	2242.337	G[21]
K	5	503.305	2202.342	2186.323	2187.331	2185.315	K[20]
G	6	560.326	2074.247	2058.228	2059.236	2057.220	G[19]
G	7	617.348	2017.225	2001.207	2002.214	2000.199	G[18]
K	8	745.443	1960.204	1944.185	1945.193	1943.177	K[17]
G	9	802.465	1832.109	1816.090	1817.098	1815.082	G[16]
L	10	915.548	1775.087	1759.069	1760.077	1758.061	L[15]
G	11	972.570	1662.083	1645.995	1646.993	1644.977	G[14]
K	12	1100.665	1604.982	1588.963	1589.971	1587.955	K[13]
G	13	1157.686	1476.887	1460.868	1461.876	1459.860	G[12]
G	14	1214.708	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1285.745	1362.844	1346.825	1347.833	1345.818	A[10]
K	16	1455.850	1291.807	1275.788	1276.796	1274.780	K[9]
R	17	1613.954	1124.761	1108.743	1109.751	1107.735	R[8]
H	18	1749.010	995.620	989.592	950.509	948.574	H[7]
R	19	1905.111	828.541	812.523	813.530	811.515	R[6]
K	20	2075.253	672.440	656.422	657.429	655.414	K[5]
V	21	2174.322	502.298	486.280	487.287	485.272	V[4]
L	22	2287.406	403.230	387.211	388.219	386.203	L[3]
R	23	2443.507	290.140	274.127	275.135	273.119	R[2]
D	24	2558.534	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHRK ^{Trimethyl}42.05 VL RD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=93.91
- ▶ F122152.dat
- ▶ query=q35278.p1
- ▶ precursor=512.709980
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	81.017	1280.263	1270.263	0.504	1271.740	S[24]
G[2]	81.547	1236.747	1228.737	0.504	1228.231	G[23]
R[3]	158.558	1208.238	1200.228	1200.730	1199.721	R[22]
G[4]	188.109	1130.185	1122.176	1122.680	1121.671	G[21]
K[5]	252.158	1101.675	1093.665	1094.169	1093.161	K[20]
G[6]	280.667	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	309.178	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	373.225	980.606	972.596	973.100	972.092	K[17]
G[9]	401.736	916.556	908.547	909.051	908.043	G[16]
L[10]	439.278	898.041	890.038	890.542	889.536	L[15]
G[11]	486.789	831.595	823.586	824.090	823.082	G[14]
K[12]	550.836	802.995	794.985	795.489	794.481	K[13]
G[13]	579.347	738.947	730.938	731.442	730.434	G[12]
G[14]	607.857	710.436	702.427	702.931	701.923	G[11]
A[15]	643.376	681.929	673.918	674.420	673.413	A[10]
R[16]	728.429	646.407	638.398	638.902	637.894	R[9]
R[17]	806.479	561.354	553.345	553.849	552.841	R[8]
H[18]	875.009	483.304	475.294	475.798	474.791	H[7]
R[19]	953.059	414.774	406.765	407.269	406.261	R[6]
K[20]	1038.131	336.724	328.714	329.218	328.211	K[5]
V[21]	1087.665	252.653	244.643	245.147	244.140	V[4]
L[22]	1144.207	202.119	194.109	194.613	193.606	L[3]
R[23]	1222.257	145.577	137.567	138.071	137.063	R[2]
D[24]	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHRK ^{Trimethyl}42.05 VLRLD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=93.91
- ▶ F122152.dat
- ▶ query=q35278.p1
- ▶ precursor=512.709980
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	853.844	848.900	0.672	848.109	S[24]
G[2]	54.701	824.833	819.404	0.672	819.158	G[23]
R[3]	106.734	805.826	800.487	800.823	800.151	R[22]
G[4]	125.741	753.793	748.453	748.789	748.117	G[21]
K[5]	168.440	734.785	729.446	729.782	729.110	K[20]
G[6]	187.447	692.087	686.748	687.083	686.412	G[19]
G[7]	206.454	673.080	667.740	668.076	667.404	G[18]
K[8]	249.152	654.073	648.733	649.069	648.397	K[17]
G[9]	268.160	611.374	606.035	606.371	605.699	G[16]
L[10]	309.254	592.367	587.028	587.364	586.692	L[15]
G[11]	324.861	554.673	549.333	549.669	548.997	G[14]
K[12]	367.560	535.666	530.326	530.662	529.990	K[13]
G[13]	386.567	492.967	487.628	487.964	487.292	G[12]
G[14]	405.574	473.960	468.620	468.956	468.285	G[11]
A[15]	429.253	454.953	449.613	449.949	449.277	A[10]
K[16]	485.955	431.274	425.934	426.270	425.598	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	633.709	276.852	271.512	271.848	271.176	R[6]
K[20]	692.423	224.818	219.478	219.815	219.143	K[5]
V[21]	725.445	168.104	162.765	163.101	162.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAK ^{Acetyl}42.01 RHRK ^{Trimethyl}42.05 VLRLD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=93.91
- ▶ F122152.dat
- ▶ query=q35278.p1
- ▶ precursor=512.709980
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	27.022	640.635	636.630	0.755	636.178	S[24]
G[2]	41.277	518.877	614.872	0.755	614.620	G[23]
R[3]	80.303	604.622	600.617	600.869	600.905	R[22]
G[4]	94.558	565.596	561.592	561.844	561.340	G[21]
K[5]	126.582	551.341	547.336	547.588	547.084	K[20]
G[6]	140.837	519.317	515.312	515.564	515.061	G[19]
G[7]	155.092	505.062	501.057	501.309	500.805	G[18]
K[8]	187.116	490.806	486.802	487.054	486.550	K[17]
G[9]	201.372	436.783	432.778	433.030	432.526	G[16]
L[10]	229.643	444.527	440.523	440.775	440.271	L[15]
G[11]	253.598	416.256	412.252	412.504	412.000	G[14]
K[12]	275.922	402.001	397.996	398.248	397.744	K[13]
G[13]	290.177	369.977	365.973	366.224	365.721	G[12]
G[14]	304.432	355.722	351.717	351.969	351.465	G[11]
A[15]	322.192	341.466	337.462	337.714	337.210	A[10]
K[16]	364.718	323.707	319.703	319.954	319.451	K[9]
R[17]	403.743	381.181	377.176	377.428	376.924	R[8]
H[18]	438.008	242.156	238.151	238.403	237.899	H[7]
R[19]	477.033	207.891	203.886	204.138	203.634	R[6]
K[20]	519.569	108.866	104.861	105.113	104.609	K[5]
V[21]	544.336	126.330	122.325	122.577	122.073	V[4]
L[22]	572.607	101.563	97.558	97.810	97.306	L[3]
R[23]	611.632	73.292	69.287	69.539	69.035	R[2]
D[24]	640.389	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHR ^{Trimethyl}42.05 K ^{Acetyl}42.01 VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.52
- ▶ F122152.dat
- ▶ query=q35285.p1
- ▶ precursor=640.636920
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA	
S	1	105.066	2559.518	2543.499	0.000	2542.491	S	24
G	2	102.087	2472.488	2456.467	0.000	2455.459	G	23
R	3	318.186	2415.464	2399.446	2400.453	2398.438	R	22
G	4	375.210	2259.363	2243.345	2244.352	2242.337	G	21
K	5	503.305	2202.342	2186.323	2187.331	2185.315	K	20
G	6	560.326	2074.247	2058.228	2059.236	2057.220	G	19
G	7	617.348	2017.225	2001.207	2002.214	2000.199	G	18
K	8	745.443	1960.204	1944.185	1945.193	1943.177	K	17
G	9	802.464	1832.109	1816.090	1817.098	1815.082	G	16
L	10	915.546	1775.087	1759.069	1760.077	1758.061	L	15
G	11	972.570	1662.083	1646.065	1646.993	1644.977	G	14
K	12	1100.665	1604.982	1588.963	1589.971	1587.955	K	13
G	13	1157.686	1476.887	1460.868	1461.876	1459.860	G	12
G	14	1214.708	1419.866	1403.847	1404.855	1402.839	G	11
A	15	1285.745	1362.844	1346.825	1347.833	1345.818	A	10
K	16	1413.840	1291.807	1275.788	1276.796	1274.780	K	9
R	17	1599.941	1163.717	1147.693	1148.701	1146.685	R	8
H	18	1707.000	1097.611	991.592	992.600	990.584	H	7
R	19	1905.148	870.552	854.533	855.541	853.525	R	6
K	20	2075.253	672.404	656.385	657.393	655.377	K	5
V	21	2174.322	502.298	486.280	487.287	485.272	V	4
L	22	2287.406	403.230	387.211	388.219	386.203	L	3
R	23	2443.507	290.146	274.127	275.135	273.119	R	2
D	24	2558.534	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHR ^{Trimethyl}42.05 K ^{Acetyl}42.01 VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.52
- ▶ F122152.dat
- ▶ query=q35285_p1
- ▶ precursor=640.636920
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
S	1	53.037	1293.063	1272.253	0.504	1271.749	S[24]
G	2	81.547	1236.747	1228.737	0.504	1228.233	G[23]
R	3	150.558	1208.236	1205.726	1200.730	1199.723	R[22]
G	4	188.109	1159.185	1122.176	1122.680	1121.677	G[21]
K	5	252.136	1101.675	1093.665	1094.169	1093.161	K[20]
G	6	280.689	1037.627	1029.619	1030.122	1029.114	G[19]
G	7	300.178	1009.116	1001.107	1001.611	1000.603	G[18]
K	8	373.225	980.605	972.596	973.100	972.092	K[17]
G	9	401.736	816.558	908.549	909.053	908.045	G[16]
L	10	428.278	808.047	800.038	800.542	799.534	L[15]
G	11	486.789	831.505	823.495	824.000	822.992	G[14]
K	12	550.836	802.995	794.985	795.489	794.481	K[13]
G	13	570.347	738.947	730.938	731.442	730.434	G[12]
G	14	607.857	710.436	702.427	702.931	701.923	G[11]
A	15	643.376	681.926	673.916	674.420	673.412	A[10]
R	16	707.423	656.409	638.399	638.902	637.895	R[9]
R	17	785.474	582.360	574.350	574.854	573.846	R[8]
H	18	854.004	504.309	496.300	496.804	495.796	H[7]
R	19	953.078	435.780	427.770	428.274	427.266	R[6]
K	20	1038.130	336.706	328.696	329.200	328.192	K[5]
V	21	1087.665	251.652	243.643	244.147	243.140	V[4]
L	22	1146.207	202.119	194.109	194.613	193.605	L[3]
R	23	1222.259	145.577	137.567	138.071	137.063	R[2]
D	24	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

SGRGKGGKGLGKGGAKRHR ^{Trimethyl}42.05 K ^{Acetyl}42.01 VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.52
- ▶ F122152.dat
- ▶ query=q35285.p1
- ▶ precursor=640.636920
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	35.693	853.844	848.505	0.672	848.169	S[24]
G[2]	54.701	824.833	819.494	0.672	819.158	G[23]
R[3]	106.734	805.826	800.487	800.823	800.151	R[22]
G[4]	125.741	753.793	748.453	748.789	748.117	G[21]
K[5]	168.440	734.785	729.446	729.782	729.110	K[20]
G[6]	187.447	692.087	686.748	687.083	686.412	G[19]
G[7]	206.454	673.080	667.740	668.076	667.404	G[18]
K[8]	249.152	654.073	648.733	649.069	648.397	K[17]
G[9]	268.160	611.374	606.035	606.371	605.699	G[16]
L[10]	305.854	592.367	587.028	587.364	586.692	L[15]
G[11]	324.861	554.673	549.333	549.669	548.997	G[14]
K[12]	367.560	535.666	530.326	530.662	529.990	K[13]
G[13]	386.567	492.967	487.628	487.964	487.292	G[12]
G[14]	405.574	473.960	468.620	468.956	468.285	G[11]
A[15]	429.253	454.953	449.613	449.949	449.277	A[10]
K[16]	471.951	431.274	425.934	426.270	425.598	K[9]
R[17]	523.995	388.976	383.236	383.572	382.900	R[8]
H[18]	569.671	336.542	331.202	331.538	330.866	H[7]
R[19]	635.721	290.856	285.516	285.852	285.180	R[6]
K[20]	692.423	224.896	219.467	219.803	219.131	K[5]
V[21]	725.445	198.104	192.765	193.101	192.429	V[4]
L[22]	763.140	135.082	129.742	130.078	129.406	L[3]
R[23]	815.174	97.387	92.047	92.383	91.711	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.73
- ▶ F122152.dat
- ▶ query=q35289_p1
- ▶ precursor=640.637580
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2559.518	2543.499	0.000	2542.491	S	24
G	2	234.998	2430.473	2414.457	0.000	2413.449	G	23
R	3	360.199	2373.454	2357.435	2356.443	2356.421	R	22
G	4	417.220	2217.353	2201.334	2202.342	2200.326	G	21
K	5	545.315	2160.331	2144.313	2145.320	2143.305	K	20
G	6	602.337	2032.230	2016.210	2017.225	2015.210	G	19
G	7	659.358	1975.215	1959.196	1960.204	1958.188	G	18
K	8	707.453	1918.193	1902.175	1903.182	1901.167	K	17
G	9	844.475	1790.090	1774.080	1775.087	1773.072	G	16
L	10	877.559	1733.977	1717.958	1718.966	1716.950	L	15
G	11	1014.580	1619.963	1603.974	1604.982	1602.966	G	14
K	12	1142.675	1562.971	1546.953	1547.960	1545.945	K	13
G	13	1199.697	1434.876	1418.858	1419.866	1417.850	G	12
G	14	1256.718	1377.855	1361.836	1362.844	1360.828	G	11
A	15	1327.795	1320.833	1304.815	1305.823	1303.807	A	10
K	16	1455.850	1249.790	1233.778	1234.785	1232.770	K	9
R	17	1613.894	1129.701	1105.683	1106.691	1104.675	R	8
H	18	1749.030	995.620	949.582	950.589	948.574	H	7
R	19	1905.111	828.541	812.523	813.530	811.515	R	6
K	20	2033.206	672.440	656.422	657.429	655.414	K	5
V	21	2132.275	544.345	528.327	529.334	527.319	V	4
L	22	2245.359	445.277	429.258	430.266	428.250	L	3
K	23	2443.507	332.193	316.174	317.182	315.166	K	2
D	24	2558.534	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVLRR^{Trimethyl}D
42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.73
- ▶ F122152.dat
- ▶ query=q35289_p1
- ▶ precursor=640.637580
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
S	1	74.042	1280.203	1272.253	0.504	1271.749	S[24]
G	2	102.553	1215.741	1207.732	0.504	1207.239	G[23]
R	3	180.063	1187.231	1179.221	1179.725	1178.717	R[22]
G	4	259.114	1109.380	1101.171	1101.675	1100.569	G[21]
K	5	273.161	1080.669	1072.660	1073.164	1072.158	K[20]
G	6	301.672	1016.622	1008.612	1009.116	1008.108	G[19]
G	7	330.183	968.111	980.102	980.606	979.599	G[18]
K	8	394.230	959.600	951.591	952.095	951.087	K[17]
G	9	422.741	895.353	887.343	888.047	887.040	G[16]
L	10	479.293	867.942	859.933	859.537	858.529	L[15]
G	11	507.794	810.500	802.491	802.995	801.987	G[14]
K	12	571.841	781.989	773.980	774.484	773.476	K[13]
G	13	600.352	717.942	709.932	710.436	709.429	G[12]
G	14	628.863	689.431	681.422	681.926	680.918	G[11]
A	15	664.361	660.920	662.911	663.415	662.407	A[10]
R	16	728.416	629.402	617.392	617.896	616.889	R[9]
R	17	806.479	561.354	553.345	553.849	552.841	R[8]
H	18	875.009	483.304	475.294	475.798	474.791	H[7]
R	19	953.059	414.774	406.765	407.269	406.261	R[6]
K	20	1017.107	336.724	328.714	329.218	328.211	K[5]
V	21	1066.641	272.676	264.667	265.171	264.163	V[4]
L	22	1123.183	223.242	215.233	215.737	214.729	L[3]
R	23	1222.257	196.600	158.591	159.095	158.087	R[2]
D	24	1279.771	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAKRHRKVL R Trimethyl D
42.05

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.73
- ▶ F122152.dat
- ▶ query=q35289_p1
- ▶ precursor=640.637580
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	853.844	848.505	0.672	848.199	S[24]
G[2]	58.704	810.830	805.490	0.672	805.154	G[23]
R[3]	150.738	791.823	786.483	786.819	786.147	R[22]
G[4]	139.745	739.789	734.450	734.785	734.114	G[21]
K[5]	182.443	720.782	715.442	715.778	715.106	K[20]
G[6]	201.450	678.084	672.744	673.080	672.408	G[19]
G[7]	220.458	659.076	653.737	654.073	653.401	G[18]
K[8]	263.156	640.069	634.730	635.066	634.394	K[17]
G[9]	282.163	597.371	592.031	592.367	591.695	G[16]
L[10]	319.858	678.364	573.024	573.360	572.688	L[15]
G[11]	338.865	540.660	535.320	535.656	534.984	G[14]
K[12]	381.563	521.662	516.322	516.658	515.986	K[13]
G[13]	400.570	478.964	473.624	473.960	473.288	G[12]
G[14]	419.578	459.957	454.617	454.953	454.281	G[11]
A[15]	443.257	440.949	435.610	435.946	435.274	A[10]
K[16]	485.955	417.270	411.931	412.267	411.595	K[9]
R[17]	537.989	374.572	369.232	369.568	368.896	R[8]
H[18]	583.675	322.538	317.199	317.535	316.863	H[7]
R[19]	635.709	276.852	271.512	271.848	271.176	R[6]
K[20]	678.407	224.818	219.478	219.815	219.143	K[5]
V[21]	711.430	182.120	176.780	177.116	176.444	V[4]
L[22]	749.124	149.097	143.758	144.094	143.422	L[3]
R[23]	815.174	111.402	106.063	106.399	105.727	R[2]
D[24]	853.516	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK (Acetyl) R (Dimethyl) HRKVL R (Methyl) D (14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=82.64
- ▶ F122152.dat
- ▶ query=q36005.p1
- ▶ precursor=651.140250
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA		
S	1	147.076	2601.528	2585.510	0.000	2584.502	S	24
G	2	264.098	2472.486	2456.467	0.000	2455.459	G	23
R	3	360.196	2315.464	2299.446	2620.433	2308.425	R	22
G	4	417.220	2259.361	2243.345	2244.352	2242.337	G	21
K	5	545.315	2202.342	2186.323	2187.331	2185.315	K	20
G	6	602.337	2074.347	2058.328	2059.336	2057.320	G	19
G	7	659.358	2017.225	2001.207	2002.214	2000.199	G	18
K	8	787.453	1960.204	1944.185	1945.193	1943.177	K	17
G	9	844.475	1832.109	1816.090	1817.098	1815.082	G	16
L	10	937.558	1775.087	1759.069	1760.077	1758.061	L	15
G	11	1014.580	1662.001	1645.985	1646.993	1644.977	G	14
K	12	1142.675	1604.982	1588.963	1589.971	1587.955	K	13
G	13	1199.697	1476.887	1460.868	1461.876	1459.860	G	12
G	14	1256.718	1419.866	1403.847	1404.855	1402.839	G	11
A	15	1327.735	1362.844	1346.825	1347.833	1345.818	A	10
K	16	1497.861	1291.807	1275.788	1276.796	1274.780	K	9
R	17	1681.993	1121.701	1105.683	1106.691	1104.675	R	8
H	18	1819.852	937.560	921.539	922.558	920.542	H	7
R	19	1975.153	800.510	784.491	785.499	783.484	R	6
K	20	2103.248	644.409	628.390	629.398	627.382	K	5
V	21	2202.317	516.314	500.295	501.303	499.287	V	4
L	22	2315.401	417.246	401.227	402.235	400.219	L	3
R	23	2485.517	304.162	288.143	289.151	287.135	R	2
D	24	2600.544	134.045	118.028	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK (Acetyl) R (Dimethyl) (28.03) HRKVL R (Methyl) D (14.02)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=82.64
- ▶ F122152.dat
- ▶ query=q36005_p1
- ▶ precursor=651.140250
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1301.268	1293.250	0.504	1292.755	S[24]
G[2]	102.553	1236.747	1228.737	0.504	1228.233	G[23]
R[3]	180.053	1208.236	1200.226	1200.730	1199.725	R[22]
G[4]	209.114	1130.285	1122.176	1122.680	1121.672	G[21]
K[5]	271.161	1101.675	1093.665	1094.169	1093.161	K[20]
G[6]	301.672	1037.627	1029.618	1030.122	1029.114	G[19]
G[7]	330.183	1009.116	1001.107	1001.611	1000.603	G[18]
K[8]	394.230	980.606	972.596	973.100	972.092	K[17]
G[9]	422.741	916.558	908.549	909.053	908.045	G[16]
L[10]	479.253	888.047	880.038	880.542	879.534	L[15]
G[11]	507.764	831.505	823.496	824.000	823.992	G[14]
K[12]	571.841	802.995	794.985	795.489	794.481	K[13]
G[13]	600.352	738.947	730.938	731.442	730.434	G[12]
G[14]	628.863	710.436	702.427	702.931	701.923	G[11]
A[15]	664.381	681.926	673.916	674.420	673.412	A[10]
R[16]	702.414	654.407	646.398	646.902	645.894	R[9]
R[17]	841.500	561.354	553.345	553.849	552.841	R[6]
H[18]	910.030	490.288	481.279	481.783	480.775	H[7]
R[19]	988.080	400.759	392.749	393.253	392.245	R[0]
R[20]	1052.128	322.708	314.699	315.203	314.195	R[5]
V[21]	1101.662	258.661	250.651	251.155	250.147	V[4]
L[22]	1158.204	209.126	201.117	201.621	200.613	L[3]
D[23]	1243.262	152.084	144.074	144.578	144.071	D[2]
D[24]	1338.776	87.526	89.517	90.021	89.013	D[1]

sp | P62806 | H4_MOUSE

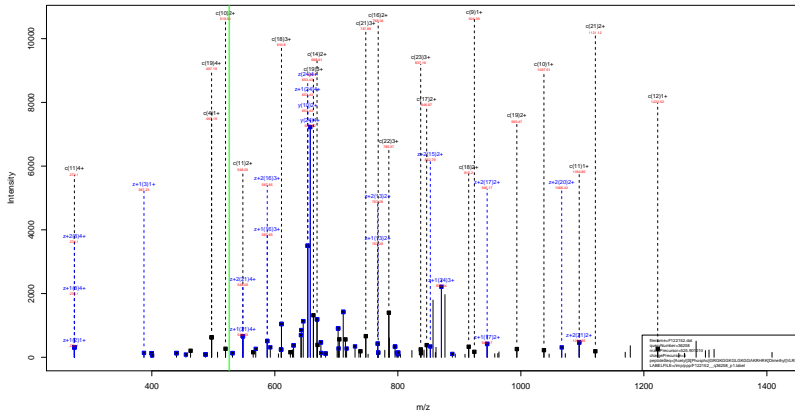
[Acetyl]SGRGKGGKGLGKGGAK^(Acetyl) R^(Dimethyl) HRKVL R^(Methyl) D^(14.02)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=82.64
- ▶ F122152.dat
- ▶ query=q36005.p1
- ▶ precursor=651.140250
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
S	1	49.697	867.848	862.508	0.672	862.172	S[24]
G	2	68.704	874.333	819.494	0.672	819.158	G[23]
R	3	120.738	905.826	900.487	800.823	800.351	R[22]
G	4	159.745	753.793	748.453	748.789	748.117	G[21]
K	5	182.443	734.785	729.446	729.782	729.110	K[20]
G	6	201.450	692.067	686.748	687.083	686.412	G[19]
G	7	220.458	673.080	667.740	668.076	667.404	G[18]
K	8	263.156	654.073	648.733	649.069	648.397	K[17]
G	9	282.163	611.374	606.033	606.371	605.699	G[16]
L	10	319.858	592.367	587.028	587.364	586.692	L[15]
G	11	338.865	554.673	549.333	549.669	548.997	G[14]
K	12	351.563	535.666	530.326	530.662	529.990	K[13]
G	13	400.570	492.967	487.628	487.964	487.292	G[12]
G	14	419.578	473.960	468.620	468.956	468.285	G[11]
A	15	443.257	454.953	449.613	449.949	449.277	A[10]
K	16	499.958	431.274	425.934	426.270	425.598	K[9]
R	17	561.336	374.572	369.232	369.568	368.896	R[8]
H	18	607.022	313.195	307.853	308.191	307.519	H[7]
R	19	659.056	267.508	262.168	262.505	261.833	R[6]
K	20	761.754	215.875	210.535	210.871	209.999	K[5]
V	21	734.777	172.776	167.437	167.773	167.101	V[4]
L	22	772.472	130.753	134.414	134.750	134.078	L[3]
R	23	829.177	102.059	96.719	97.055	96.383	R[2]
D	24	887.520	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD



sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=49.05
- ▶ F122152.dat
- ▶ query=q36258.p1
- ▶ precursor=525.901210
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA		
S	1	227.043	2625.460	2609.450	0.000	2608.442	S	24
G	2	224.054	2516.460	2492.441	0.000	2399.433	G	23
R	3	440.165	2399.430	2343.410	2344.427	2342.412	R	22
G	4	497.187	2203.337	2187.318	2188.326	2186.310	G	21
K	5	625.282	2148.316	2130.297	2131.305	2129.289	K	20
G	6	682.303	2018.221	2002.202	2003.210	2001.194	G	19
G	7	739.325	1961.199	1945.180	1946.188	1944.173	G	18
K	8	867.420	1904.178	1888.159	1889.167	1887.151	K	17
G	9	924.441	1776.083	1760.064	1761.072	1759.056	G	16
L	10	1037.525	1719.061	1703.043	1704.050	1702.035	L	15
G	11	1094.547	1605.977	1589.958	1590.966	1588.951	G	14
K	12	1222.642	1548.956	1532.937	1533.945	1531.929	K	13
G	13	1279.663	1420.861	1404.842	1405.850	1403.834	G	12
G	14	1336.685	1363.839	1347.821	1348.828	1346.813	G	11
A	15	1407.722	1306.818	1290.799	1291.807	1289.791	A	10
K	16	1535.817	1235.781	1219.762	1220.770	1218.754	K	9
R	17	1693.918	1169.686	1161.667	1162.675	1160.659	R	8
H	18	1828.977	951.582	935.566	936.574	934.558	H	7
R	19	1985.078	814.526	798.507	799.515	797.499	R	6
K	20	2141.204	658.425	642.406	643.414	641.398	K	5
V	21	2240.272	502.298	486.280	487.287	485.272	V	4
L	22	2353.356	403.230	387.211	388.219	386.203	L	3
K	23	2509.458	290.146	274.127	275.135	273.119	K	2
D	24	2624.485	134.045	118.026	119.034	117.018	D	1

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=49.05
- ▶ F122152.dat
- ▶ query=q36258.p1
- ▶ precursor=525.901210
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S	114.025	1313.238	1305.220	0.504	1304.725	S[24]
G	142.536	1208.713	1200.724	0.504	1200.220	G[23]
R	220.568	1180.223	1172.233	1173.717	1173.709	R[22]
G	-99.097	1102.172	1094.183	1094.667	1093.650	G[21]
K	313.145	1073.661	1065.652	1066.156	1065.148	K[20]
G	341.655	1009.614	1001.605	1002.108	1001.101	G[19]
G	370.166	981.103	973.094	973.598	972.590	G[18]
K	434.213	952.592	944.583	945.087	944.079	K[17]
G	462.724	888.545	880.536	881.040	880.032	G[16]
L	519.266	860.034	852.025	852.529	851.521	L[15]
G	547.777	833.492	795.483	795.987	794.979	G[14]
K	611.824	774.982	766.972	767.476	766.468	K[13]
G	640.335	710.934	702.925	703.429	702.421	G[12]
G	668.846	682.423	674.414	674.918	673.910	G[11]
A	704.364	653.913	645.903	646.407	645.399	A[10]
K	768.412	618.395	610.385	610.889	609.881	K[9]
R	846.462	554.347	546.337	546.841	545.833	R[8]
H	914.992	476.298	468.287	468.791	467.783	H[7]
R	993.043	407.267	399.257	400.261	399.253	R[6]
K	1071.106	329.716	321.707	322.211	321.203	K[5]
V	1120.640	251.653	243.643	244.147	243.140	V[4]
L	1177.182	202.116	194.106	194.610	193.602	L[3]
L	1259.232	148.573	137.563	138.067	137.060	L[2]
D	1312.746	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=49.05
- ▶ F122152.dat
- ▶ query=q36258.p1
- ▶ precursor=525.901210
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	76.352	875.826	870.468	0.672	870.152	S[24]
G[2]	95.360	306.158	800.818	0.672	800.463	G[23]
R[3]	147.393	787.151	781.811	782.147	781.475	R[22]
G[4]	166.400	735.117	729.778	730.114	729.442	G[21]
K[5]	209.099	716.110	710.770	711.106	710.435	K[20]
G[6]	228.106	673.412	668.072	668.408	667.736	G[19]
G[7]	247.113	654.405	649.065	649.401	648.729	G[18]
K[8]	269.811	635.397	630.058	630.394	629.722	K[17]
G[9]	308.819	592.699	587.360	587.695	587.024	G[16]
L[10]	348.313	573.692	568.352	568.688	568.016	L[15]
G[11]	385.520	535.997	530.658	530.994	530.322	G[14]
K[12]	408.219	516.990	511.651	511.986	511.315	K[13]
G[13]	427.226	474.292	468.952	469.288	468.616	G[12]
G[14]	446.233	455.285	449.945	450.281	449.609	G[11]
A[15]	469.912	436.277	430.938	431.274	430.602	A[10]
K[16]	512.610	412.598	407.259	407.595	406.923	K[9]
R[17]	564.644	369.900	364.561	364.896	364.225	R[8]
H[18]	610.330	317.866	312.527	312.863	312.191	H[7]
R[19]	662.364	272.180	266.841	267.176	266.505	R[6]
K[20]	714.406	220.140	214.807	215.143	214.471	K[5]
V[21]	747.429	168.104	162.765	163.101	162.429	V[4]
L[22]	785.124	135.082	129.742	130.078	129.406	L[3]
R[23]	837.157	97.387	92.047	92.383	91.711	R[2]
D[24]	879.560	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

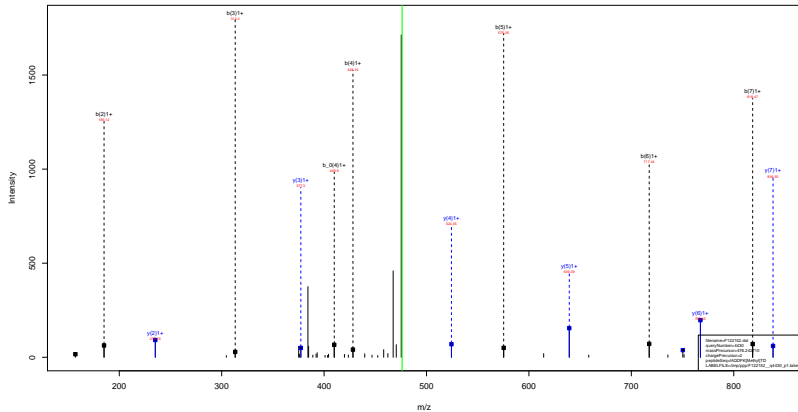
[Acetyl]S^{Phospho}_{79.97} GRGKGGKGLGKGGAKRHRK^{Dimethyl}_{28.03} VLRD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=49.05
- ▶ F122152.dat
- ▶ query=q36258.p1
- ▶ precursor=525.901210
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	57.518	657.123	653.118	0.755	652.066	S[24]
G[2]	71.772	604.870	600.866	0.755	600.614	G[23]
R[3]	110.797	590.615	586.610	586.362	586.358	R[22]
G[4]	125.052	551.590	547.585	547.837	547.333	G[21]
K[5]	157.076	537.334	533.330	533.582	533.078	K[20]
G[6]	171.331	505.311	501.306	501.558	501.054	G[19]
G[7]	185.587	491.055	487.051	487.303	486.799	G[18]
K[8]	217.610	476.800	472.795	473.047	472.543	K[17]
G[9]	231.866	444.776	440.771	443.023	440.520	G[16]
L[10]	250.137	430.521	426.516	426.768	426.264	L[15]
G[11]	274.392	407.250	398.243	398.497	397.993	G[14]
K[12]	306.416	387.994	383.989	384.242	383.738	K[13]
G[13]	320.671	355.971	351.966	352.218	351.714	G[12]
G[14]	334.927	341.715	337.711	337.963	337.459	G[11]
A[15]	352.686	327.460	323.455	323.707	323.203	A[10]
K[16]	384.710	309.701	305.696	305.948	305.444	K[9]
R[17]	423.735	277.677	273.672	273.924	273.420	R[8]
H[18]	458.000	238.652	234.647	234.899	234.395	H[7]
R[19]	497.025	204.387	200.382	200.634	200.130	R[6]
K[20]	535.059	165.362	161.357	161.609	161.105	K[5]
V[21]	560.824	126.330	122.325	122.577	122.073	V[4]
L[22]	589.095	101.563	97.558	97.810	97.306	L[3]
R[23]	628.120	73.292	69.287	69.539	69.035	R[2]
D[24]	656.877	34.267	30.262	30.514	30.010	D[1]

sp | P68433 | H31_MOUSE

IAQDFK Methyl TD
14.02



sp | P68433 | H31_MOUSE

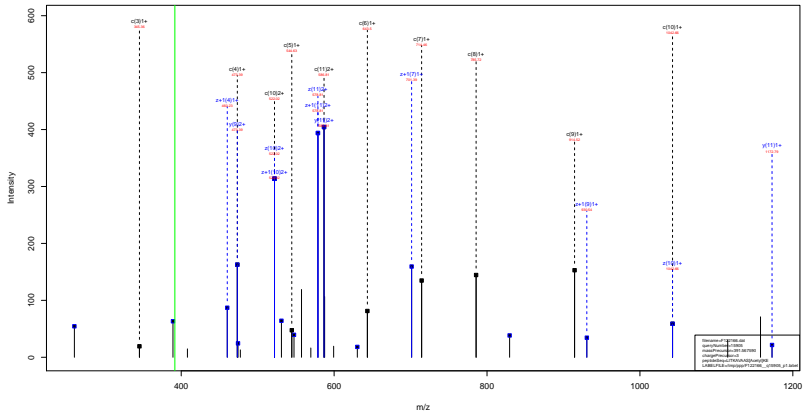
IAQDFK^{Methyl}TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.86
- ▶ F122152.dat
- ▶ query=q4430_p1
- ▶ precursor=476.242710
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
T 1	86.096	0.000	0.000	116.203	0.000	0.000	931.431	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	638.304	0.000	0.000	A 7
Q 3	286.192	286.192	0.000	313.187	286.192	0.000	767.357	750.330	0.000	Q 6
D 4	409.219	383.103	382.209	428.214	411.107	410.203	630.298	622.272	0.000	D 5
F 5	547.287	530.261	529.277	576.282	558.256	557.272	524.271	507.245	0.000	F 4
R 6	689.306	672.281	671.366	717.292	700.266	699.351	377.203	360.177	0.000	R 3
T 7	790.448	773.423	772.435	818.441	801.414	800.430	235.002	0.000	0.000	T 2
D 8	905.473	888.448	887.461	933.468	916.441	915.429	134.000	0.000	0.000	D 1

sp | P15864 | H12_MOUSE

LITKAVAAS Acetyl KE
42.01



sp | P15864 | H12_MOUSE

LITKAVAAS ^{Acetyl} KE
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.47
- ▶ F122166.dat
- ▶ query=q15905_p1
- ▶ precursor=391.567590
- ▶ chargePrecursor=3
- ▶ itol=0.7

AA		c	y	z+1	z+2	z	AA
L	1	131.118	1172.609	1156.670	0.000	1155.662	L[11]
I	2	244.202	1059.604	1043.536	0.000	1042.578	I[10]
T	3	345.250	946.520	930.502	0.000	929.494	T[9]
K	4	473.345	845.473	829.454	830.462	828.446	K[8]
A	5	544.382	717.378	701.359	702.367	700.351	A[7]
V	6	643.450	646.341	630.322	631.330	629.314	V[6]
A	7	714.487	547.272	531.253	532.261	530.246	A[5]
A	8	785.524	476.235	460.216	461.224	459.209	A[4]
S	9	914.567	405.198	389.179	390.187	388.171	S[3]
K	10	1042.662	276.155	260.137	261.144	259.129	K[2]
E	11	1171.705	148.060	132.042	133.050	131.034	E[1]

sp | P15864 | H12_MOUSE

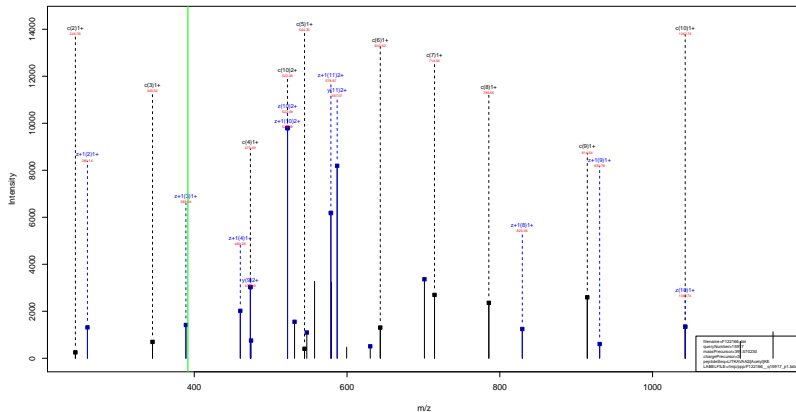
LITKAVAAS^{Acetyl} KE
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.47
- ▶ F122166.dat
- ▶ query=q15905_p1
- ▶ precursor=391.567590
- ▶ chargePrecursor=3
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
L[1]	66.093	586.848	578.839	0.504	578.335	L[11]
T[2]	122.605	530.306	522.297	0.504	521.793	T[10]
T[3]	173.120	473.764	465.754	0.504	465.251	T[9]
K[4]	229.176	422.240	415.231	413.726	414.727	K[8]
A[5]	272.694	369.197	361.183	351.697	350.679	A[7]
V[6]	322.229	323.674	315.665	316.169	315.161	V[6]
A[7]	357.747	274.140	266.130	266.634	265.626	A[5]
A[8]	393.266	238.621	230.612	231.116	230.108	A[4]
S[9]	457.787	203.103	195.093	196.597	194.589	S[3]
K[10]	521.835	138.581	130.572	131.076	130.068	K[2]
E[11]	586.356	74.534	66.524	67.028	66.021	E[1]

sp | P15864 | H12_MOUSE

LITKAVAAS Acetyl KE
42.01



sp | P15864 | H12_MOUSE

LITKAVAAS^{Acetyl} KE
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=74.51
- ▶ F122166.dat
- ▶ query=q15917_p1
- ▶ precursor=391.570230
- ▶ chargePrecursor=3
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	1172.689	1156.670	0.000	1155.662	L[11]
I[2]	244.202	1059.604	1043.586	0.000	1042.578	I[10]
T[3]	345.250	946.520	930.502	0.000	929.494	T[9]
K[4]	473.345	845.473	829.454	8.30462	828.446	K[8]
A[5]	544.382	717.379	701.359	702.367	700.351	A[7]
V[6]	643.450	640.351	630.322	631.330	629.312	V[6]
A[7]	714.487	547.272	531.253	532.261	530.246	A[5]
A[8]	785.524	476.235	460.216	461.224	459.209	A[4]
S[9]	914.567	405.168	389.179	390.187	388.171	S[3]
K[10]	1042.662	276.155	260.137	261.144	259.129	K[2]
E[11]	1171.705	148.060	132.042	133.050	131.034	E[1]

sp | P15864 | H12_MOUSE

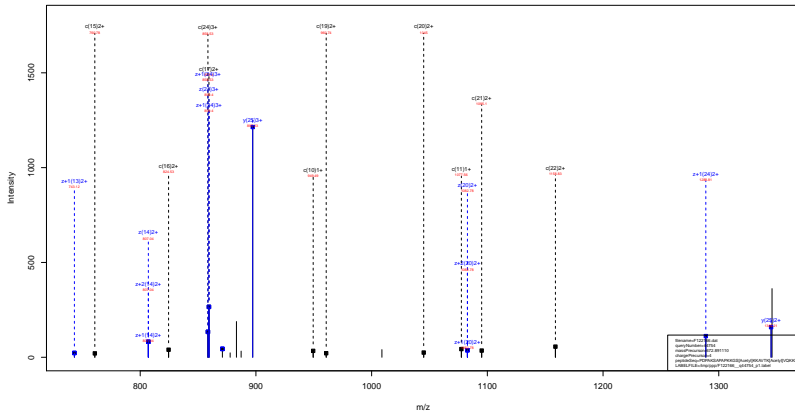
LITKAVAAS^{Acetyl} KE
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=74.51
- ▶ F122166.dat
- ▶ query=q15917_p1
- ▶ precursor=391.570230
- ▶ chargePrecursor=3
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
L[1]	66.093	586.848	578.839	0.504	578.335	L[11]
T[2]	122.605	530.306	522.297	0.504	521.793	T[10]
T[3]	173.128	473.764	465.754	0.504	465.251	T[9]
K[4]	229.176	421.240	413.231	413.735	414.727	K[8]
A[5]	272.694	359.197	351.181	351.687	350.679	A[7]
V[6]	322.229	323.674	315.665	316.169	315.161	V[6]
A[7]	357.747	274.140	266.130	266.634	265.626	A[5]
A[8]	393.266	238.621	230.612	231.116	230.108	A[4]
S[9]	457.787	203.103	195.093	195.597	194.589	S[3]
K[10]	521.835	138.581	130.572	131.076	130.068	K[2]
E[11]	586.356	74.534	66.524	67.028	66.021	E[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS ^{Acetyl}KKAVTK ^{Acetyl}VQKKD
42.01 42.01



sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD^{42.01}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=52.35
- ▶ F122166.dat
- ▶ query=q44754.p1
- ▶ precursor=672.891110
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
P1	115.087	2688.541	2672.523	0.000	2671.514	F25
D2	230.114	2591.488	2575.469	0.000	2574.461	D24
P3	327.166	2476.461	2460.442	0.000	2459.434	F23
A4	398.203	2379.408	2363.389	0.000	2362.382	A22
K5	526.298	2238.371	2222.352	2291.360	2291.345	K21
S6	613.330	2180.276	2164.257	2185.266	2183.250	S20
A7	684.368	2093.244	2077.225	2078.233	2076.215	A19
P8	781.420	2022.207	2006.188	2007.196	2005.180	F18
A9	852.457	1925.154	1909.135	1910.143	1908.128	A17
P10	949.510	1854.117	1838.098	1839.106	1837.091	F16
K11	1077.605	1757.064	1741.046	1742.053	1740.038	K15
K12	1205.700	1628.969	1612.951	1613.958	1611.943	K14
G13	1262.722	1500.874	1484.856	1485.864	1483.848	G13
S14	1391.764	1443.831	1427.814	1428.842	1426.826	S12
K15	1519.859	1314.810	1298.792	1299.799	1297.784	K11
K16	1647.954	1186.715	1170.697	1171.705	1169.689	K10
A17	1718.991	1058.620	1042.602	1043.610	1041.594	A9
V18	1818.060	987.583	971.565	972.572	970.557	V8
T19	1919.107	888.515	872.496	873.504	871.488	T7
K20	2089.213	787.467	771.449	772.456	770.441	K6
V21	2198.281	617.363	601.343	602.351	600.335	V3
Q22	2316.340	518.291	502.275	503.282	501.267	Q4
K23	2444.435	390.235	374.216	375.224	373.208	K3
K24	2572.530	262.140	246.121	247.129	245.113	K2
D25	2687.597	134.045	118.026	119.034	117.018	D1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD^{42.01}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=52.35
- ▶ F122166.dat
- ▶ query=q44754_p1
- ▶ precursor=672.891110
- ▶ chargePrecursor=4
- ▶ itol=0.7

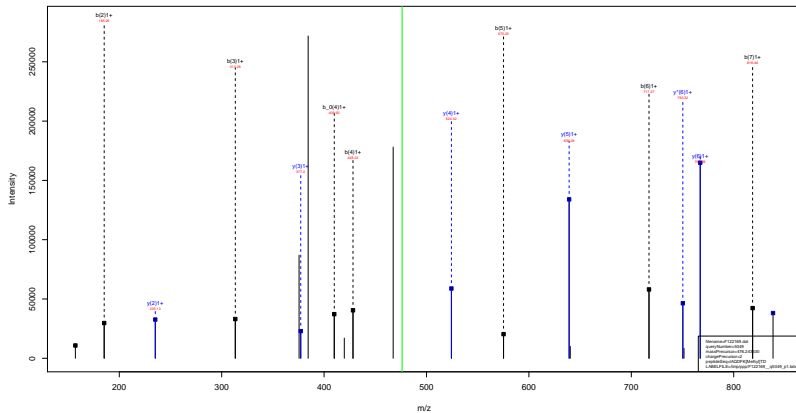
AA		c	y	z+1	z+2	z	AA
P	1	58.047	1344.774	1336.765	0.504	1336.261	P 25
D	3	135.569	1298.245	1286.238	0.504	1287.734	D 21
F	3	154.057	1238.735	1230.728	0.504	1232.221	F 23
A	4	199.605	1190.208	1182.198	0.504	1181.694	A 22
K	5	253.653	1154.689	1146.680	1147.184	1146.176	K 21
S	6	307.109	1090.642	1082.632	1083.136	1082.128	S 20
A	7	342.667	1047.126	1039.116	1039.620	1038.612	A 19
F	8	392.214	1011.607	1003.598	1004.102	1003.094	F 18
A	9	426.732	963.081	955.071	955.575	954.567	A 17
P	10	475.259	927.562	919.553	920.057	919.049	P 16
K	11	539.306	879.036	871.026	871.530	870.523	K 15
K	12	603.354	814.988	806.979	807.483	806.475	K 14
G	13	633.864	750.941	742.931	743.435	742.428	G 13
S	14	698.398	722.432	714.423	714.927	713.919	S 12
K	15	760.413	657.905	649.899	650.403	649.396	K 11
K	16	824.481	593.861	585.852	586.356	585.348	K 10
A	17	859.999	529.814	521.804	522.308	521.301	A 9
V	18	925.533	494.295	486.286	486.790	485.782	V 8
T	19	960.057	444.763	436.753	437.256	436.249	T 7
K	20	1045.110	394.237	386.228	386.732	385.724	K 6
V	21	1094.644	309.184	301.175	301.679	300.671	V 5
Q	22	1158.674	259.656	251.646	252.149	251.141	Q 4
K	23	1222.721	195.621	187.612	188.116	187.108	K 3
K	24	1286.768	131.574	123.564	124.068	123.060	K 2
D	25	1344.282	67.526	59.517	60.021	59.013	D 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD
42.01 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=52.35
- ▶ F122166.dat
- ▶ query=q44754.p1
- ▶ precursor=672.891110
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
P1	39.034	896.852	891.512	0.672	891.176	P25
D1	77.376	864.501	859.161	0.672	858.825	D24
P1	109.727	826.159	820.819	0.672	820.483	P23
A1	133.406	793.808	788.468	0.672	788.132	A22
K1	176.104	770.129	764.789	765.125	764.453	K21
S1	305.115	727.435	722.091	722.407	721.765	S20
A1	228.794	698.420	693.080	693.416	692.744	A19
P1	261.145	674.741	669.401	669.737	669.065	P18
A1	284.824	642.390	637.050	637.386	636.714	A17
P10	317.175	618.711	613.371	613.707	613.035	P16
K11	359.873	586.360	581.020	581.356	580.684	K15
K12	402.572	543.661	538.322	538.658	537.986	K14
G13	421.579	500.963	495.623	495.959	495.287	G13
S14	464.963	481.956	476.616	476.952	476.280	S12
K15	507.291	438.942	433.602	433.938	433.266	K11
K16	549.990	396.243	390.904	391.240	390.568	K10
A17	573.669	353.545	348.205	348.541	347.869	A9
V18	606.691	329.866	324.526	324.862	324.190	V8
T19	640.374	296.843	291.504	291.840	291.168	T7
K20	697.076	263.161	257.821	258.157	257.485	K6
V21	730.099	206.459	201.119	201.455	200.783	V5
Q22	772.785	173.436	168.096	168.432	167.760	Q4
K23	815.483	130.750	125.410	125.746	125.074	K9
K24	858.181	88.051	82.712	83.048	82.376	K2
D25	896.524	45.353	40.014	40.349	39.678	D1



sp | P68433 | H31_MOUSE

IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=59.68
- ▶ F122169.dat
- ▶ query=q5049_p1
- ▶ precursor=476.243530
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
T 1	86.096	0.000	0.000	116.203	0.000	0.000	951.431	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	638.304	0.000	0.000	A 7
Q 3	286.192	286.192	0.000	313.187	286.192	0.000	767.357	750.330	0.000	Q 6
D 4	409.219	383.103	382.209	428.214	411.107	410.203	630.298	622.272	0.000	D 9
F 5	547.287	530.261	529.277	576.282	558.256	557.272	524.271	507.245	0.000	F 4
R 6	659.306	622.291	621.306	717.302	700.286	699.301	377.203	360.177	0.000	R 3
T 7	790.448	773.419	772.435	818.441	801.414	800.430	235.002	0.000	0.000	T 2
D 8	925.475	888.459	887.465	933.468	916.441	915.427	134.000	0.000	0.000	D 1

sp | P68433 | H31_MOUSE

IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.25
- ▶ F122169.dat
- ▶ query=q5510_p1
- ▶ precursor=483.251940
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	aΔ	b	b*	bΔ	y	y*	yΔ	AA	
T 1	46.398	0.000	0.000	114.191	0.000	0.000	465.794	0.000	0.000	948.485	T1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	852.410	0.000	0.000	835.321	A2
Q 3	285.192	288.186	0.000	313.187	298.180	0.000	781.373	764.346	0.000	763.362	Q3
D 4	400.219	383.193	387.208	428.214	411.187	0.000	653.314	638.289	0.000	635.314	D4
F 5	547.287	530.261	525.277	575.282	558.256	557.272	528.287	527.270	0.000	530.277	F5
R 6	713.414	698.397	695.403	731.400	714.382	713.388	291.219	374.192	0.000	373.206	R6
T 7	804.461	787.435	785.451	832.456	815.430	814.446	235.092	0.000	237.082	T7	
G 8	916.488	902.462	891.438	947.463	930.451	929.473	134.045	0.000	136.034	G8	

sp | P68433 | H31_MOUSE

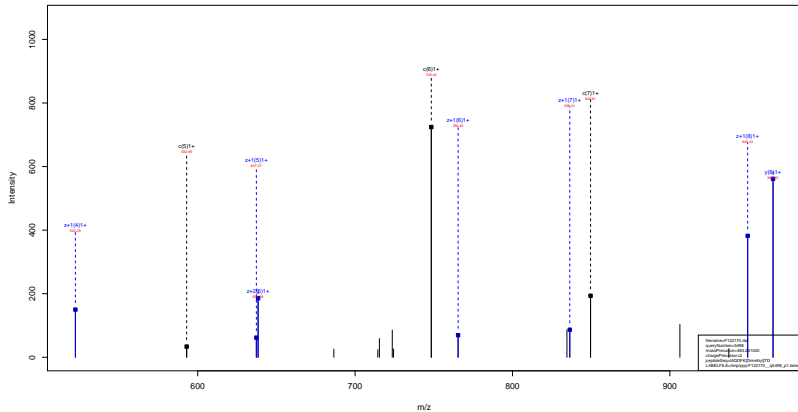
IAQDFK^{Methyl} TD
14.02

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=60.98
- ▶ F122170.dat
- ▶ query=q5005_p1
- ▶ precursor=476.241830
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a,0	b	b*	b,0	y	y*	y,0	AA
T 1	38.008	0.000	0.000	114.001	0.000	0.000	931.411	0.000	0.000	T 1
A 2	157.134	0.000	0.000	185.128	0.000	0.000	638.304	0.000	0.000	A 2
Q 3	285.192	288.191	0.000	313.187	306.189	0.000	767.357	750.330	0.000	Q 3
D 4	400.219	381.191	382.209	428.214	411.187	410.203	630.298	622.272	621.288	D 4
F 5	547.267	530.261	530.277	575.262	558.256	557.272	524.271	507.245	508.261	F 5
R 6	699.308	672.301	671.308	717.293	700.286	699.287	377.293	360.277	359.293	R 6
T 7	700.446	773.410	772.435	818.441	801.414	800.430	235.002	0.000	217.002	T 7
D 8	825.473	888.440	887.462	931.446	916.441	915.429	134.000	0.000	116.034	D 8

sp | P68433 | H31_MOUSE

IAQDFK Dimethyl TD
28.03



sp | P68433 | H31_MOUSE

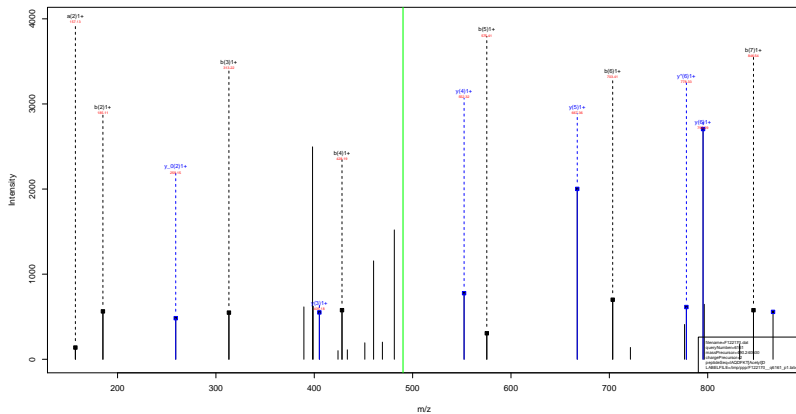
IAQDFK^{Dimethyl} TD
28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=37.27
- ▶ F122170.dat
- ▶ query=q5498_p1
- ▶ precursor=483.251020
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
I 1	131.118	965.494	949.475	0.000	948.467	I 8
A 2	202.155	852.410	836.391	0.000	835.383	A 7
Q 3	330.214	781.373	765.354	766.362	764.346	Q 6
D 4	445.241	653.314	637.295	638.303	636.288	D 5
F 5	592.309	638.287	522.268	523.276	521.261	F 4
K 6	748.435	391.219	375.200	376.208	374.192	K 3
T 7	849.483	235.092	219.074	220.082	218.066	T 2
D 8	964.510	134.045	118.026	119.034	117.018	D 1

sp | P68433 | H31_MOUSE

IAQDFKT Acetyl D
42.01



sp | P68433 | H31_MOUSE

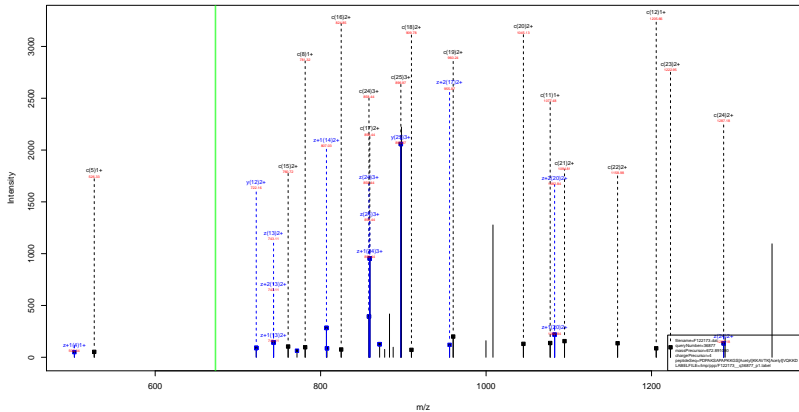
IAQDFKT Acetyl D
42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=49.16
- ▶ F122170.dat
- ▶ query=q6161.p1
- ▶ precursor=490.240500
- ▶ chargePrecursor=2
- ▶ itol=0.7

AA	a	a*	a Δ	b	b*	b Δ	y	y*	y Δ	AA
T 3	263.098	0.000	0.000	116.203	0.000	0.000	303.471	362.444	1264.969	T 3
A 2	157.134	0.000	0.000	185.128	0.000	0.000	866.389	880.262	2484.376	A 2
Q 3	298.192	268.196	-0.000	313.187	296.169	-0.000	795.352	778.325	777.941	Q 6
D 4	400.219	383.103	382.209	428.214	411.107	410.203	667.293	650.269	649.263	D 5
F 5	547.287	530.261	529.371	575.282	558.256	557.272	552.266	535.240	534.256	F 4
R 6	678.282	659.266	657.371	703.277	686.261	685.367	405.190	388.174	389.189	R 3
T 7	818.441	801.414	800.430	846.436	829.409	828.425	277.310	0.000	259.092	T 2
D 8	933.608	916.491	915.491	961.463	944.436	943.450	138.040	0.000	116.034	D 1

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD
42.01 42.01



sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD
42.01 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.69
- ▶ F122173.dat
- ▶ query=q36877.p1
- ▶ precursor=672.891080
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
P1	115.087	2688.541	2672.523	0.000	2671.514	F125
D1	230.114	2591.488	2575.469	0.000	2574.461	D124
P1	327.166	2476.461	2460.442	0.000	2459.434	F123
A1	398.203	2379.400	2363.389	0.000	2362.382	A122
K1	526.298	2338.371	2322.352	2291.360	2291.345	K121
S1	613.330	2180.276	2164.257	2148.266	2143.250	S120
A1	694.368	2093.240	2077.225	2078.233	2076.215	A119
P1	781.420	2022.207	2006.188	2007.196	2005.180	F118
A1	852.457	1925.154	1909.135	1910.143	1908.128	A117
P110	949.510	1854.117	1838.098	1839.106	1837.091	F116
K111	1077.605	1757.064	1741.046	1742.053	1740.038	K115
K112	1205.700	1628.960	1612.951	1613.958	1611.943	K114
G113	1262.722	1500.874	1484.856	1485.864	1483.848	G113
S114	1391.764	1443.853	1427.834	1428.842	1426.825	S112
K115	1519.859	1314.810	1298.792	1299.799	1297.784	K111
K116	1647.954	1186.715	1170.697	1171.705	1169.689	K110
A117	1718.991	1058.620	1042.602	1043.610	1041.594	A109
V118	1818.060	987.583	971.565	972.572	970.557	V108
T119	1919.107	888.515	872.496	873.504	871.488	T107
K120	2089.213	787.467	771.448	772.456	770.441	K106
V121	2198.281	617.363	601.344	602.351	600.335	V105
Q122	2316.340	518.291	502.275	503.282	501.267	Q104
K123	2444.435	390.235	374.216	375.224	373.208	K103
K124	2572.530	262.140	246.121	247.129	245.113	K102
D125	2687.597	134.045	118.026	119.034	117.018	D101

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD^{42.01}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=58.69
- ▶ F122173.dat
- ▶ query=q36877_p1
- ▶ precursor=672.891080
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA		c	y	a+1	a+2	z	AA
P	1	58.647	1344.774	1336.765	0.504	1338.261	P[25]
D	3	115.560	1296.348	1288.239	0.504	1287.734	D[24]
P	3	164.087	1238.734	1230.725	0.504	1232.221	P[23]
A	4	199.605	1190.268	1182.198	0.504	1181.694	A[22]
K	5	263.653	1154.689	1146.680	1147.184	1146.178	K[21]
S	6	307.169	1090.642	1082.632	1083.136	1082.128	S[20]
A	7	342.697	1047.126	1039.116	1039.620	1038.612	A[19]
P	8	393.214	911.669	1003.589	1004.102	1003.094	P[18]
A	9	426.732	963.081	955.071	955.575	954.567	A[17]
P	10	475.259	927.563	919.553	920.057	919.049	P[16]
K	11	539.306	879.036	871.026	871.530	870.522	K[15]
K	12	603.354	814.988	806.979	807.483	806.475	K[14]
Q	13	631.884	750.941	742.931	743.435	742.428	Q[13]
S	14	696.398	722.430	714.421	714.925	713.917	S[12]
K	15	760.433	657.959	649.899	650.403	649.395	K[11]
K	16	824.481	593.861	585.852	586.356	585.348	K[10]
A	17	859.999	529.814	521.804	522.308	521.301	A[9]
V	18	909.533	464.295	456.285	456.790	455.782	V[8]
T	19	963.057	414.761	406.752	407.256	406.248	T[7]
K	20	1045.110	394.427	386.420	386.924	385.916	K[6]
V	21	1094.644	309.184	301.175	301.679	300.671	V[5]
Q	22	1158.674	259.650	251.641	252.145	251.137	Q[4]
K	23	1222.721	195.621	187.612	188.116	187.108	K[3]
K	24	1286.768	131.574	123.564	124.068	123.060	K[2]
D	25	1344.282	87.528	89.537	89.021	89.013	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKKGS^{Acetyl} KKAVTK^{Acetyl} VQKKD^{42.01}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=58.69
- ▶ F122173.dat
- ▶ query=q36877.p1
- ▶ precursor=672.891080
- ▶ chargePrecursor=4
- ▶ itol=0.7

AA	c	y	z+1	z+2	z	AA
P[1]	30.034	896.852	891.512	0.672	891.176	P[25]
D[2]	77.376	864.501	859.161	0.672	858.825	D[24]
P[3]	109.727	826.159	820.819	0.672	820.483	P[23]
A[4]	133.406	793.808	788.468	0.672	788.132	A[22]
K[5]	176.104	770.129	764.789	765.125	764.453	K[21]
S[6]	205.115	727.435	722.091	722.427	721.755	S[20]
A[7]	228.794	698.420	693.080	693.416	692.744	A[19]
P[8]	251.145	674.741	669.401	669.737	669.085	P[18]
A[9]	294.824	642.090	637.050	637.386	636.714	A[17]
P[10]	317.175	618.711	613.371	613.707	613.035	P[16]
K[11]	359.873	586.360	581.020	581.356	580.684	K[15]
K[12]	402.572	543.661	538.322	538.658	537.986	K[14]
G[13]	421.579	500.963	495.623	495.959	495.287	G[13]
S[14]	464.593	481.956	476.616	476.952	476.280	S[12]
K[15]	507.291	438.942	433.602	433.938	433.266	K[11]
K[16]	549.990	396.241	390.901	391.240	390.568	K[10]
A[17]	573.669	353.545	348.205	348.541	347.869	A[9]
V[18]	606.691	329.866	324.526	324.862	324.190	V[8]
T[19]	640.374	296.843	291.504	291.840	291.168	T[7]
K[20]	697.076	263.161	257.821	258.157	257.485	K[6]
V[21]	730.099	206.459	201.119	201.455	200.783	V[5]
Q[22]	772.785	173.436	168.096	168.432	167.760	Q[4]
K[23]	815.483	130.750	125.410	125.746	125.074	K[3]
K[24]	858.181	88.051	82.712	83.048	82.376	K[2]
D[25]	896.524	45.353	40.014	40.349	39.678	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSKKAVT ^{Acetyl}42.01 KAQQK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=79.66
- ▶ F123172.dat
- ▶ query=q31211.p1
- ▶ precursor=640.630610
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
F	1	145.080	2959.498	2544.479	0.000	2642.472	P[24]
E	2	264.120	2662.445	2446.427	0.000	2445.410	E[23]
F	3	381.160	2333.403	2317.354	0.000	2316.376	F[22]
A	4	412.210	2238.350	2220.333	0.000	2219.321	A[21]
K	5	540.314	2105.313	2149.294	2150.302	2148.285	K[20]
S	6	627.346	2037.218	2021.199	2022.207	2020.191	S[19]
A	7	698.353	1950.166	1934.147	1935.175	1933.159	A[18]
F	8	795.436	1879.149	1863.130	1864.138	1862.122	F[17]
A	9	867.477	1782.096	1766.077	1767.085	1765.060	A[16]
T	10	963.526	1711.059	1695.040	1696.048	1694.032	T[15]
K	11	1091.621	1614.006	1597.987	1598.995	1596.980	K[14]
K	12	1261.726	1485.911	1469.892	1470.900	1468.885	K[13]
G	13	1318.748	1415.866	1299.787	1300.795	1298.770	G[12]
S	14	1467.780	1258.784	1242.765	1243.773	1241.758	S[11]
K	15	1523.876	1174.765	1155.723	1156.741	1154.726	K[10]
K	16	1661.970	1043.657	1027.638	1028.646	1026.631	K[9]
A	17	1733.007	915.562	899.543	900.551	898.536	A[8]
V	18	1832.075	844.525	828.506	829.514	827.499	V[7]
T	19	1975.133	745.457	729.438	730.446	728.430	T[6]
K	20	2103.226	602.396	586.380	587.388	585.372	K[5]
A	21	2174.266	474.333	458.285	459.293	457.277	A[4]
Q	22	2302.324	403.266	387.248	388.255	386.240	Q[3]
K	23	2430.419	275.208	259.189	260.197	258.181	K[2]
K	24	2558.514	147.113	131.094	132.102	130.886	K[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSKKAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=79.66
- ▶ F123172.dat
- ▶ query=q31211_p1
- ▶ precursor=640.630610
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1280.253	1272.243	0.504	1271.739	P[24]
E	2	122.568	1231.726	1223.717	0.504	1223.213	E[23]
F	3	171.095	1187.205	1159.156	0.504	1158.662	F[22]
A	4	266.613	1139.679	1110.669	0.504	1110.165	A[21]
K	5	270.591	1083.160	1075.151	1075.655	1074.047	K[20]
S	6	314.177	1019.113	1011.103	1011.607	1010.599	S[19]
A	7	369.695	975.597	967.587	968.091	967.083	A[18]
P	8	398.222	940.078	932.069	932.573	931.565	P[17]
A	9	433.740	891.552	883.542	884.046	883.038	A[16]
T	10	482.267	856.031	848.024	848.528	847.520	T[15]
K	11	546.314	807.507	799.497	800.001	798.993	K[14]
K	12	631.367	743.450	735.450	735.954	734.946	K[13]
G	13	659.878	658.408	650.397	650.901	649.893	G[12]
S	14	703.394	620.890	621.886	622.390	621.382	S[11]
K	15	767.441	586.360	578.353	578.857	577.850	K[10]
K	16	831.488	559.332	549.325	549.829	548.821	K[9]
A	17	867.007	458.285	450.275	450.779	449.771	A[8]
V	18	916.541	422.768	414.757	415.261	414.253	V[7]
T	19	988.070	373.232	365.223	365.727	364.719	T[6]
K	20	1052.118	301.703	293.693	294.197	293.190	K[5]
A	21	1097.636	237.665	229.656	230.160	229.152	A[4]
Q	22	1151.666	202.137	194.127	194.631	193.623	Q[3]
K	23	1215.713	138.108	130.098	130.602	129.594	K[2]
K	24	1279.761	74.060	66.051	66.555	65.547	K[1]

sp | P10853 | H2B1F_MOUSE

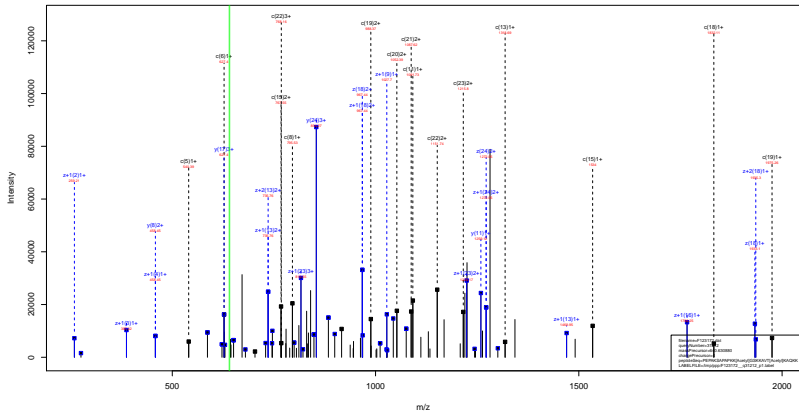
PEPAKSAPAPKK ^{Acetyl}42.01 GSKKAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=79.66
- ▶ F123172.dat
- ▶ query=q31211.p1
- ▶ precursor=640.630610
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	853.830	848.498	0.672	848.162	P[24]
E[2]	82.048	821.485	816.147	0.672	815.811	E[23]
P[3]	114.399	778.472	773.133	0.672	772.797	P[22]
A[4]	138.078	746.122	740.782	0.672	740.446	A[21]
K[5]	180.776	722.442	717.103	717.439	716.767	K[20]
S[6]	209.787	679.744	674.405	674.741	674.069	S[19]
A[7]	233.466	650.733	645.394	645.730	645.058	A[18]
F[8]	265.817	627.054	621.715	622.051	621.379	F[17]
A[9]	289.496	594.704	589.365	589.700	589.028	A[16]
P[10]	313.847	571.024	565.685	566.021	565.349	P[15]
K[11]	364.545	538.674	533.334	533.670	532.998	K[14]
K[12]	421.247	495.975	490.636	490.972	490.300	K[13]
G[13]	440.254	439.273	433.934	434.270	433.598	G[12]
S[14]	469.265	420.266	414.927	415.263	414.591	S[11]
K[15]	511.963	391.256	385.916	386.252	385.580	K[10]
K[16]	554.661	348.557	343.218	343.554	342.882	K[9]
A[17]	578.340	305.856	300.517	300.853	300.181	A[8]
V[18]	611.363	282.180	276.840	277.176	276.504	V[7]
T[19]	659.049	239.157	243.817	244.153	243.482	T[6]
K[20]	701.748	201.471	196.131	196.467	195.795	K[5]
A[21]	725.427	158.773	153.433	153.769	153.097	A[4]
Q[22]	768.113	135.094	129.754	130.090	129.418	Q[3]
K[23]	810.811	92.407	87.068	87.404	86.732	K[2]
K[24]	853.510	49.709	44.370	44.705	44.034	K[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl} 42.01 GSKKAVT ^{Acetyl} 42.01 KAQKK



sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSKKAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.12
- ▶ F123172.dat
- ▶ query=q31212.p1
- ▶ precursor=640.630880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA	
F	1	145.067	2939.498	2544.479	0.000	2542.472	P[24]
E	2	244.129	2462.445	2446.427	0.000	2445.410	E[23]
F	3	341.180	2133.403	2317.354	0.000	2316.376	F[22]
A	4	432.239	2038.350	2220.331	0.000	2219.321	A[21]
K	5	540.314	2105.313	2149.294	2150.302	2148.285	K[20]
S	6	627.346	2037.218	2021.199	2022.207	2020.191	S[19]
A	7	698.383	1950.166	1934.147	1935.175	1933.159	A[18]
F	8	795.436	1879.149	1863.130	1864.138	1862.122	F[17]
A	9	866.473	1782.096	1766.077	1767.085	1765.060	A[16]
T	10	953.526	1711.059	1695.040	1696.048	1694.032	T[15]
K	11	1091.621	1614.006	1597.987	1598.995	1596.980	K[14]
K	12	1263.726	1485.911	1469.892	1470.900	1468.885	K[13]
G	13	1318.748	1315.806	1299.787	1300.795	1298.770	G[12]
S	14	1446.790	1258.784	1242.765	1243.773	1241.750	S[11]
K	15	1523.876	1174.769	1158.750	1159.741	1157.725	K[10]
K	16	1661.910	1043.657	1027.638	1028.646	1026.631	K[9]
A	17	1733.007	915.562	899.543	900.551	898.536	A[8]
V	18	1832.075	844.525	828.506	829.514	827.499	V[7]
T	19	1975.133	745.457	729.438	730.446	728.430	T[6]
K	20	2103.226	602.396	586.380	587.388	585.372	K[5]
A	21	2174.266	474.303	458.285	459.293	457.277	A[4]
Q	22	2302.324	403.266	387.248	388.255	386.240	Q[3]
K	23	2430.419	275.208	259.189	260.197	258.181	K[2]
K	24	2558.514	147.113	131.094	132.102	130.886	K[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSKKAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.12
- ▶ F123172.dat
- ▶ query=q31212.p1
- ▶ precursor=640.630880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	1393.253	1222.243	0.504	1271.730	P[24]
E[2]	122.568	1231.726	1223.717	0.504	1223.213	E[23]
P[3]	171.095	1197.205	1198.190	0.504	1198.692	P[22]
A[4]	268.613	1118.679	1119.669	0.504	1119.165	A[21]
R[5]	270.591	1083.160	1075.151	1075.655	1074.047	R[20]
S[6]	314.177	1019.113	1011.103	1011.607	1010.599	S[19]
A[7]	349.695	975.597	967.587	968.091	967.083	A[18]
P[8]	398.222	940.078	932.069	932.573	931.565	P[17]
A[9]	433.740	891.552	883.542	884.046	883.038	A[16]
T[10]	482.267	856.033	848.024	848.528	847.520	T[15]
R[11]	546.314	807.507	799.497	800.001	798.993	R[14]
K[12]	631.367	743.459	735.450	735.954	734.946	K[13]
G[13]	659.878	658.406	650.397	650.901	649.893	G[12]
S[14]	703.394	629.896	621.886	622.390	621.382	S[11]
R[15]	767.441	566.380	576.370	576.874	577.866	R[10]
K[16]	811.938	522.132	532.121	532.625	533.617	K[9]
A[17]	867.007	458.285	458.275	458.779	448.771	A[8]
V[18]	916.541	422.766	414.757	415.261	414.253	V[7]
T[19]	988.070	373.232	365.223	365.727	364.719	T[6]
R[20]	1052.118	301.703	293.693	294.197	293.190	R[5]
A[21]	1087.636	237.655	229.646	230.150	229.142	A[4]
Q[22]	1151.666	202.137	194.127	194.631	193.623	Q[3]
K[23]	1215.713	138.108	130.098	130.602	129.594	K[2]
K[24]	1279.761	74.060	66.051	66.555	65.547	K[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSKKAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=65.12
- ▶ F123172.dat
- ▶ query=q31212.p1
- ▶ precursor=640.630880
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	853.830	848.498	0.672	848.162	P[24]
E[2]	82.048	821.487	816.147	0.672	815.811	E[23]
P[3]	114.399	778.472	773.133	0.672	772.797	P[22]
A[4]	138.078	746.122	740.782	0.672	740.446	A[21]
K[5]	180.776	722.442	717.103	717.439	716.767	K[20]
S[6]	209.787	679.744	674.405	674.741	674.069	S[19]
A[7]	233.466	650.733	645.394	645.730	645.058	A[18]
F[8]	265.817	627.054	621.713	622.051	621.379	F[17]
A[9]	289.496	594.704	589.364	589.700	589.028	A[16]
P[10]	313.947	571.024	565.685	566.021	565.349	P[15]
K[11]	364.545	538.674	533.334	533.670	532.998	K[14]
K[12]	421.247	495.975	490.636	490.972	490.300	K[13]
G[13]	440.254	439.273	433.934	434.270	433.598	G[12]
S[14]	469.265	420.266	414.927	415.263	414.591	S[11]
K[15]	511.963	391.256	385.916	386.252	385.580	K[10]
K[16]	554.661	348.557	343.218	343.554	342.882	K[9]
A[17]	578.340	305.856	300.517	300.853	300.181	A[8]
V[18]	611.363	282.180	276.840	277.176	276.504	V[7]
T[19]	659.049	239.157	243.817	244.153	243.482	T[6]
K[20]	701.748	201.471	196.131	196.467	195.795	K[5]
A[21]	725.427	158.773	153.433	153.769	153.097	A[4]
Q[22]	768.113	135.094	129.754	130.090	129.418	Q[3]
K[23]	810.811	92.407	87.068	87.404	86.732	K[2]
K[24]	853.510	49.709	44.370	44.705	44.034	K[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQQK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=65.83
- ▶ F123172.dat
- ▶ query=q31532_p1
- ▶ precursor=651.131320
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	2601.509	2585.490	0.000	2584.463	P[24]
E[2]	244.129	2504.456	2488.437	0.000	2487.429	E[23]
P[3]	341.162	2375.413	2359.395	0.000	2358.387	P[22]
A[4]	412.219	2278.361	2262.342	0.000	2261.334	A[21]
K[5]	540.314	2207.323	2191.305	2302.313	2190.297	K[20]
S[6]	627.346	2079.228	2063.210	2064.218	2062.202	S[19]
A[7]	698.393	1992.196	1976.178	1977.186	1975.170	A[18]
P[8]	795.436	1921.159	1905.141	1906.148	1904.133	P[17]
A[9]	828.473	1824.107	1808.088	1809.096	1807.080	A[16]
P[10]	963.526	1763.059	1747.051	1748.059	1746.043	P[15]
K[11]	1091.621	1656.017	1639.998	1641.006	1638.990	K[14]
K[12]	1261.726	1527.922	1511.903	1512.911	1510.895	K[13]
G[13]	1318.748	1357.816	1341.797	1342.805	1340.790	G[12]
S[14]	1405.780	1300.795	1284.776	1285.784	1283.768	S[11]
K[15]	1575.805	1213.753	1197.744	1198.752	1196.736	K[10]
K[16]	1703.980	1043.657	1027.638	1028.646	1026.631	K[9]
A[17]	1775.017	915.562	899.543	900.551	898.536	A[8]
V[18]	1874.085	844.525	828.506	829.514	827.499	V[7]
T[19]	2017.144	745.457	729.438	730.446	728.430	T[6]
K[20]	2145.239	602.388	586.380	587.388	585.372	K[5]
A[21]	2235.276	474.303	458.285	459.293	457.277	A[4]
Q[22]	2344.335	403.296	387.248	388.255	386.240	Q[3]
K[23]	2472.430	275.208	259.189	260.197	258.181	K[2]
K[24]	2600.525	147.113	131.094	132.102	130.086	K[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=65.83
- ▶ F123172.dat
- ▶ query=q31532_p1
- ▶ precursor=651.131320
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	1301.250	1293.249	0.504	1292.745	P[24]
E[2]	122.568	1252.732	1244.722	0.504	1244.218	E[23]
P[3]	171.095	1188.210	1187.706	0.504	1179.697	P[22]
A[4]	208.613	1139.689	1131.675	0.504	1131.171	A[21]
K[5]	270.561	1104.162	1099.150	1099.646	1095.652	K[20]
S[6]	314.177	1040.118	1032.109	1032.612	1031.605	S[19]
A[7]	349.695	996.602	988.592	989.096	988.089	A[18]
P[8]	398.222	961.083	953.074	953.578	952.570	P[17]
A[9]	433.740	912.561	904.548	905.051	904.043	A[16]
P[10]	482.267	877.038	868.029	868.533	868.525	P[15]
K[11]	546.314	828.512	820.503	821.007	819.999	K[14]
K[12]	631.367	764.484	756.455	756.959	755.951	K[13]
G[13]	659.878	679.412	671.402	671.906	670.898	G[12]
S[14]	703.394	650.901	642.892	643.396	642.388	S[11]
K[15]	788.446	601.385	599.376	599.880	598.872	K[10]
K[16]	802.494	562.332	554.323	554.827	553.819	K[9]
A[17]	888.012	458.285	450.275	450.779	449.771	A[8]
V[18]	937.547	422.768	414.757	415.261	414.253	V[7]
T[19]	1009.076	373.232	365.223	365.727	364.719	T[6]
K[20]	1073.123	301.703	293.693	294.197	293.190	K[5]
A[21]	1108.642	237.657	229.646	230.150	229.143	A[4]
Q[22]	1172.671	202.137	194.127	194.631	193.624	Q[3]
K[23]	1236.718	138.108	130.098	130.602	129.594	K[2]
K[24]	1300.766	74.060	66.051	66.555	65.547	K[1]

sp | P10853 | H2B1F_MOUSE

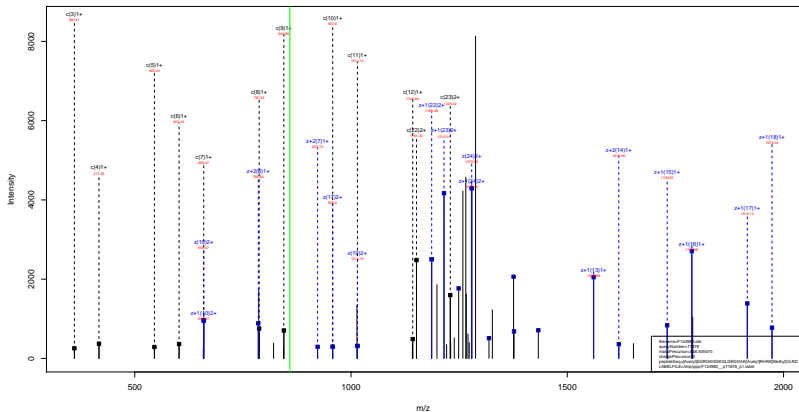
PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQQK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=65.83
- ▶ F123172.dat
- ▶ query=q31532.p1
- ▶ precursor=651.131320
- ▶ chargePrecursor=4
- ▶ itol=0.5

AA	c	y	z+1	z+2	z	AA
P[1]	89.034	867.841	862.501	0.672	862.166	P[24]
E[2]	82.048	835.490	830.151	0.672	829.815	E[23]
P[3]	114.999	792.476	787.136	0.672	786.800	P[22]
A[4]	138.078	760.125	754.785	0.672	754.450	A[21]
K[5]	180.776	736.446	731.106	731.442	730.770	K[20]
S[6]	209.787	693.748	688.408	688.744	688.072	S[19]
A[7]	233.466	664.737	659.397	659.733	659.061	A[18]
P[8]	265.817	641.056	635.716	636.054	635.382	P[17]
A[9]	289.496	608.707	603.367	603.703	603.032	A[16]
P[10]	321.247	586.026	579.686	580.024	579.352	P[15]
K[11]	364.545	552.677	547.337	547.673	547.002	K[14]
K[12]	421.247	509.979	504.639	504.975	504.303	K[13]
G[13]	440.284	483.277	447.937	448.273	447.601	G[12]
S[14]	469.265	434.270	438.930	439.266	438.594	S[11]
K[15]	525.967	405.259	399.920	400.255	399.584	K[10]
K[16]	568.665	348.557	343.218	343.554	342.882	K[9]
A[17]	592.344	305.859	300.519	300.855	300.183	A[8]
V[18]	625.367	282.180	276.840	277.176	276.504	V[7]
T[19]	673.053	249.157	243.817	244.153	243.482	T[6]
K[20]	713.751	201.471	196.131	196.467	195.795	K[5]
A[21]	759.430	158.773	153.433	153.769	153.097	A[4]
Q[22]	782.116	135.094	129.754	130.090	129.418	Q[3]
K[23]	824.815	92.407	87.068	87.404	86.732	K[2]
K[24]	867.513	49.709	44.370	44.705	44.034	K[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK Acetyl RHRK (Methyl) VLRD
42.01 (14.02)



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Methyl) VLRD^(14.02)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.88
- ▶ F124980.dat
- ▶ query=q71878_p1
- ▶ precursor=858.505470
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2573.497	2557.478	0.000	2556.471	S[24]
G	2	204.098	2444.455	2428.436	0.000	2427.429	G[23]
R	3	360.199	2307.413	2371.414	2372.422	2370.407	R[22]
G	4	417.220	2231.312	2215.313	2216.321	2214.305	G[21]
K	5	545.315	2174.310	2158.300	2159.300	2157.284	K[20]
G	6	602.337	2046.216	2030.197	2031.205	2029.189	G[19]
G	7	659.358	1989.194	1973.175	1974.183	1972.168	G[18]
K	8	787.453	1932.173	1916.154	1917.162	1915.146	K[17]
G	9	844.475	1804.078	1788.059	1789.067	1787.051	G[16]
L	10	937.559	1747.066	1731.037	1732.045	1730.030	L[15]
G	11	1014.580	1633.972	1617.953	1618.961	1616.946	G[14]
K	12	1142.675	1576.951	1560.932	1561.940	1559.924	K[13]
G	13	1199.697	1448.856	1432.837	1433.845	1431.829	G[12]
G	14	1256.718	1391.834	1375.816	1376.823	1374.808	G[11]
A	15	1327.755	1334.813	1318.794	1319.802	1317.786	A[10]
R	16	1407.801	1283.791	1247.757	1248.765	1246.749	R[9]
R	17	1653.962	1203.676	1077.651	1078.659	1076.644	R[8]
H	18	1791.021	937.569	621.530	922.558	920.542	H[7]
R	19	1947.122	900.510	784.491	785.499	783.484	R[6]
K	20	2089.233	644.409	628.390	629.398	627.382	K[5]
V	21	2188.301	502.298	486.280	487.287	485.272	V[4]
L	22	2401.386	400.230	387.211	388.219	386.203	L[3]
D	23	2457.486	398.146	378.127	379.135	377.119	D[2]
D	24	2572.513	194.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

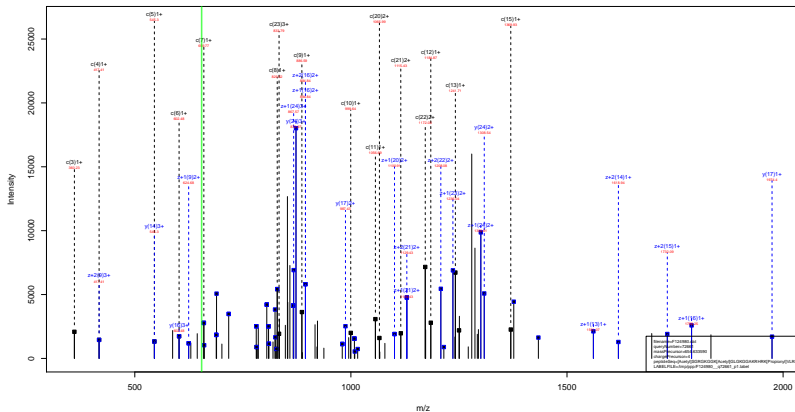
[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^(Methyl) VLRD^(14.02)
42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.88
- ▶ F124980.dat
- ▶ query=q71878.p1
- ▶ precursor=858.505470
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1287.262	1279.243	0.504	1278.739	S[24]
G[2]	102.553	1222.731	1214.722	0.504	1214.218	G[23]
R[3]	180.603	1194.220	1186.211	1186.715	1185.707	R[22]
G[4]	208.114	1116.190	1108.180	1108.684	1107.676	G[21]
K[5]	274.154	897.659	1079.650	1080.153	1079.149	K[20]
G[6]	301.672	1023.611	1015.602	1016.106	1015.098	G[19]
G[7]	330.183	995.101	987.091	987.595	986.587	G[18]
K[8]	394.230	956.590	958.581	959.084	958.077	K[17]
G[9]	422.741	902.542	894.533	895.037	894.029	G[16]
L[10]	479.283	874.032	866.023	866.526	865.518	L[15]
G[11]	507.794	817.490	809.480	809.984	808.976	G[14]
K[12]	571.841	788.979	780.970	781.474	780.466	K[13]
G[13]	600.352	724.931	716.922	717.426	716.418	G[12]
G[14]	628.863	696.421	688.411	688.915	687.907	G[11]
A[15]	664.361	667.910	659.901	660.405	659.397	A[10]
R[16]	769.434	632.394	624.385	624.888	623.879	R[9]
R[17]	827.468	547.320	539.310	539.813	538.805	R[8]
H[18]	896.014	469.288	461.279	461.783	460.775	H[7]
R[19]	974.065	400.759	392.749	393.253	392.245	R[6]
K[20]	1045.120	322.708	314.699	315.203	314.195	K[5]
V[21]	1094.654	251.653	243.643	244.147	243.140	V[4]
L[22]	1151.196	202.118	194.109	194.613	193.605	L[3]
R[23]	1229.247	145.577	137.567	138.071	137.063	R[2]
D[24]	1286.760	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAKRHRK ^(Propionyl)_(56.03) VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAKRHRK ^(Propionyl)_(56.03) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=76.02
- ▶ F124980.dat
- ▶ query=q72661.p1
- ▶ precursor=654.633590
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2615.508	2599.489	0.000	2599.481	S[24]
G[2]	204.008	2486.465	2470.446	0.000	2469.439	G[23]
R[3]	360.199	2429.444	2413.425	2414.433	2412.417	R[22]
G[4]	417.220	2271.343	2267.324	2268.332	2266.316	G[21]
K[5]	545.115	2210.321	2200.302	2201.310	2199.295	K[20]
G[6]	602.137	2088.228	2072.207	2073.215	2071.200	G[19]
G[7]	659.358	2031.205	2015.186	2016.194	2014.178	G[18]
K[8]	829.464	1974.183	1958.164	1959.172	1957.157	K[17]
G[9]	886.485	1804.078	1788.059	1789.067	1787.051	G[16]
L[10]	959.569	1747.056	1731.037	1732.045	1730.030	L[15]
G[11]	1056.591	1633.972	1617.953	1618.961	1616.946	G[14]
K[12]	1184.686	1576.951	1560.932	1561.940	1559.924	K[13]
G[13]	1241.707	1448.858	1432.837	1433.845	1431.829	G[12]
G[14]	1298.729	1391.834	1375.816	1376.823	1374.808	G[11]
A[15]	1369.766	1334.813	1318.794	1319.802	1317.786	A[10]
R[16]	1407.801	1283.778	1267.757	1268.765	1266.749	R[9]
R[17]	1653.962	1135.682	1119.662	1120.670	1118.654	R[8]
H[18]	1791.021	979.580	963.561	964.569	962.553	H[7]
R[19]	1947.122	842.521	826.502	827.510	825.494	R[6]
K[20]	2131.243	686.420	670.401	671.409	669.393	K[5]
V[21]	2230.312	502.268	486.250	487.257	485.242	V[4]
L[22]	2483.396	403.230	387.211	388.219	386.203	L[3]
R[23]	2499.497	290.140	274.121	275.129	273.113	R[2]
D[24]	2614.524	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAKRHRK ^(Propionyl)_(56.03) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=76.02
- ▶ F124980.dat
- ▶ query=q72661.p1
- ▶ precursor=654.633590
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.092	1308.257	1300.248	0.504	1299.744	S[24]
G[2]	102.553	1243.736	1235.727	0.504	1235.223	G[23]
R[3]	180.603	1215.225	1207.216	1207.720	1206.712	R[22]
G[4]	209.114	1137.175	1125.166	1128.659	1126.662	G[21]
R[5]	273.163	1108.664	1100.655	1103.159	1099.161	R[20]
G[6]	301.672	1044.613	1035.607	1037.113	1035.103	G[19]
G[7]	330.183	1016.106	1008.097	1008.601	1007.593	G[18]
K[8]	415.236	987.595	979.586	980.090	979.082	K[17]
G[9]	443.746	902.542	894.533	895.037	894.029	G[16]
L[10]	500.289	874.132	866.022	864.376	865.311	L[15]
G[11]	528.799	817.490	809.480	809.984	808.976	G[14]
K[12]	592.847	789.078	780.970	781.474	780.466	K[13]
G[13]	621.357	724.931	716.922	717.426	716.418	G[12]
G[14]	649.868	695.421	688.411	688.915	687.907	G[11]
A[15]	685.367	667.010	659.901	660.405	659.397	A[10]
R[16]	749.414	632.391	624.382	624.886	623.877	R[9]
R[17]	827.485	568.344	560.335	560.839	559.831	R[6]
H[18]	896.014	490.293	482.284	482.788	481.780	H[7]
R[19]	974.065	421.764	413.755	414.259	413.251	R[6]
K[20]	1066.125	343.713	335.704	336.208	335.200	K[5]
V[21]	1115.659	251.053	243.043	244.547	243.540	V[4]
L[22]	1172.201	202.110	194.100	194.613	193.605	L[3]
R[23]	1250.252	145.577	137.567	138.071	137.063	R[2]
D[24]	1387.705	87.526	59.537	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

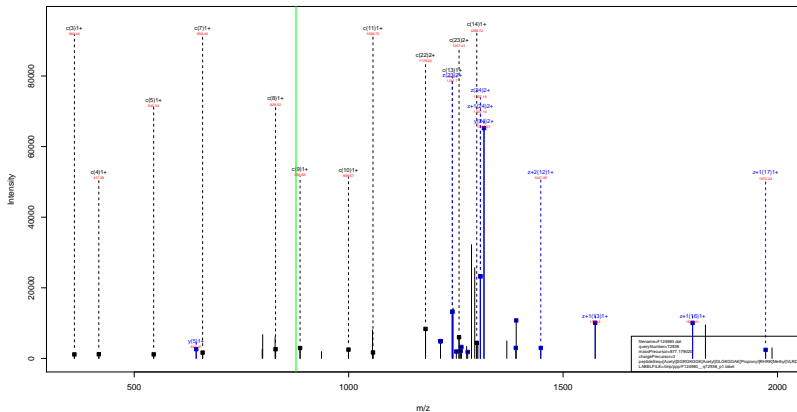
[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAKRHRK^(Propionyl)_(56.03) VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=76.02
- ▶ F124980.dat
- ▶ query=q72661.p1
- ▶ precursor=654.633590
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	872.507	867.168	0.672	866.832	S[24]
G[2]	68.704	829.493	824.154	0.672	823.818	G[23]
R[3]	120.738	810.486	805.146	805.482	804.811	R[22]
G[4]	139.745	758.452	753.113	753.449	752.777	G[21]
K[5]	182.443	739.445	734.106	734.442	733.770	K[20]
G[6]	201.450	696.747	691.407	691.743	691.071	G[19]
G[7]	220.458	677.740	672.400	672.736	672.064	G[18]
K[8]	277.159	658.733	653.393	653.729	653.057	K[17]
G[9]	296.167	602.031	596.691	597.027	596.355	G[16]
L[10]	313.864	581.024	577.684	578.020	577.348	L[15]
G[11]	352.868	545.329	539.989	540.325	539.653	G[14]
K[12]	395.567	526.322	520.982	521.318	520.646	K[13]
G[13]	414.574	483.623	478.284	478.620	477.948	G[12]
G[14]	433.581	464.616	459.277	459.613	458.941	G[11]
A[15]	457.260	445.609	440.270	440.605	439.934	A[10]
K[16]	499.958	421.930	416.590	416.926	416.255	K[9]
R[17]	551.992	379.232	373.892	374.228	373.556	R[8]
H[18]	597.678	327.196	321.858	322.194	321.523	H[7]
R[19]	649.712	281.512	276.172	276.508	275.836	R[6]
K[20]	711.686	229.478	224.138	224.474	223.803	K[5]
V[21]	784.109	168.104	162.764	163.101	162.429	V[4]
L[22]	781.803	135.082	129.742	130.078	129.406	L[3]
R[23]	833.837	97.387	92.047	92.383	91.711	R[2]
D[24]	872.179	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAK ^(Propionyl)_(56.03) RHRK ^(Methyl)_(14.02) VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAK ^(Propionyl)_(56.03) RHRK ^(Methyl)_(14.02) VLRLD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.93
- ▶ F124980.dat
- ▶ query=q72938.p1
- ▶ precursor=877.179020
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	3029.523	2613.505	0.000	2613.497	S[24]
G[2]	204.099	2500.461	2484.462	0.000	2483.454	G[23]
R[3]	360.199	2843.459	2427.441	2426.448	2426.431	R[22]
G[4]	417.220	2287.368	2271.359	2272.347	2270.332	G[21]
K[5]	545.315	2230.337	2214.333	2215.326	2213.310	K[20]
G[6]	600.337	2102.243	2086.233	2087.231	2085.215	G[19]
G[7]	659.358	2045.220	2029.202	2030.209	2028.194	G[18]
K[8]	829.464	1938.199	1972.180	1973.188	1971.172	K[17]
G[9]	886.485	1818.093	1802.075	1803.082	1801.067	G[16]
L[10]	959.569	1761.072	1745.053	1746.051	1744.040	L[15]
G[11]	1056.591	1647.985	1631.969	1632.977	1630.961	G[14]
K[12]	1184.688	1590.966	1574.948	1575.955	1573.940	K[13]
G[13]	1241.707	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1298.729	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1369.766	1348.829	1332.810	1333.818	1331.800	A[10]
R[16]	1533.889	1277.791	1261.773	1262.780	1260.765	R[9]
R[17]	1700.988	1081.670	1077.651	1078.659	1076.643	R[8]
H[18]	1847.047	937.569	921.550	922.558	920.542	H[7]
R[19]	2003.148	800.510	784.491	785.499	783.484	R[6]
K[20]	2145.250	644.409	628.390	629.398	627.383	K[5]
V[21]	2348.329	502.295	486.280	487.287	485.271	V[4]
L[22]	2357.411	403.230	387.211	388.219	386.203	L[3]
R[23]	2513.512	290.146	274.127	275.135	273.119	R[2]
D[24]	2638.539	134.045	118.028	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

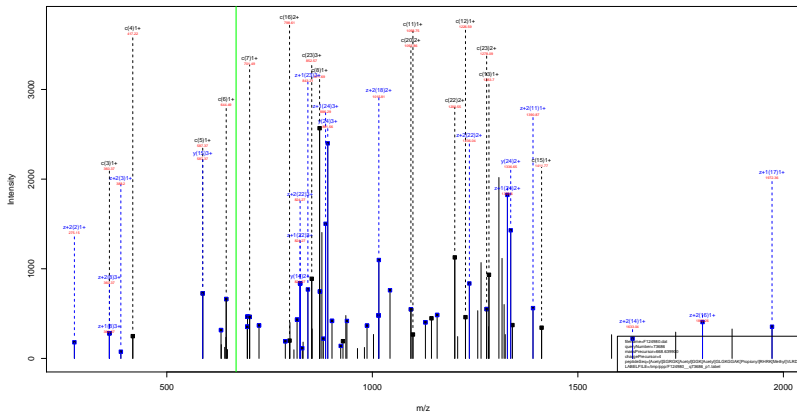
[Acetyl]SGRGKGGK_{42.01} Acetyl GLGKGGAK_(56.03) (Propionyl) RHRK_(14.02) (Methyl) VLRLD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.93
- ▶ F124980.dat
- ▶ query=q72938_p1
- ▶ precursor=877.179020
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.092	1315.265	1307.256	0.504	1306.752	S[24]
G[2]	102.553	1250.744	1342.735	0.504	1242.231	G[23]
R[3]	180.603	1222.213	1214.224	1214.728	1213.720	R[22]
G[4]	269.114	1144.183	1136.173	1130.677	1135.669	G[21]
R[5]	273.163	1116.672	1107.663	1109.167	1109.161	R[20]
G[6]	301.672	1051.625	1043.635	1044.139	1043.111	G[19]
G[7]	330.183	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	415.236	994.603	986.594	987.098	986.590	K[17]
G[9]	443.746	909.550	901.541	902.045	901.037	G[16]
L[10]	500.288	881.040	873.030	873.534	872.526	L[15]
G[11]	538.799	824.495	816.486	816.990	815.982	G[14]
K[12]	592.847	795.987	787.977	788.481	787.474	K[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	649.868	703.429	695.419	695.923	694.915	G[11]
A[15]	685.267	674.918	666.908	667.412	666.405	A[10]
R[16]	777.447	639.399	631.389	631.894	630.886	R[9]
R[17]	855.498	547.339	539.329	539.833	538.825	R[6]
H[18]	934.027	469.288	461.279	461.783	460.775	H[7]
R[19]	1002.078	406.759	392.749	393.253	392.245	R[6]
K[20]	1073.133	322.708	314.699	315.203	314.195	K[5]
V[21]	1122.589	254.163	245.653	244.147	243.140	V[4]
L[22]	1178.209	202.119	194.109	194.613	193.605	L[3]
R[23]	1257.260	145.577	137.567	138.071	137.063	R[2]
D[24]	1314.773	87.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} 42.01 GLGKGGAK^{Propionyl} RHRK^(Methyl) 56.03 VL^(14.02)LRD



sp | P62806 | H4_MOUSE

[Acetyl]SGRGK ^{Acetyl}_{42.01} GGK ^{Acetyl}_{42.01} GLGKGGAK ^{Propionyl}_{56.03} RHRK ^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=67.52
- ▶ F124980.dat
- ▶ query=q73686.p1
- ▶ precursor=668.639900
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2671.534	2655.515	0.000	2654.507	S[24]
G[2]	204.008	2542.491	2526.473	0.000	2525.465	G[23]
R[3]	360.199	2485.470	2469.451	2470.459	2468.443	R[22]
G[4]	417.220	2329.969	2313.950	2314.958	2312.942	G[21]
K[5]	507.336	2222.941	2206.923	2207.930	2205.914	K[20]
G[6]	644.347	2102.242	2086.223	2087.231	2085.215	G[19]
G[7]	701.369	2045.220	2029.202	2030.209	2028.194	G[18]
K[8]	871.474	1988.199	1972.180	1973.188	1971.172	K[17]
K[9]	928.496	1818.081	1802.075	1803.082	1801.067	K[16]
L[10]	2683.500	1781.072	1765.063	1766.071	1764.064	L[15]
G[11]	1098.601	1647.959	1631.950	1632.977	1630.961	G[14]
K[12]	1226.696	1580.956	1574.948	1575.955	1573.940	K[13]
G[13]	1283.718	1462.871	1446.853	1447.860	1445.845	G[12]
G[14]	1340.739	1405.850	1389.831	1390.839	1388.823	G[11]
A[15]	1411.776	1348.828	1332.810	1333.818	1331.802	A[10]
R[16]	1505.868	1277.791	1261.773	1262.780	1260.764	R[9]
R[17]	1751.999	1083.670	1077.651	1078.659	1076.644	R[8]
H[18]	1889.058	937.569	921.550	922.558	920.542	H[7]
R[19]	2045.159	800.510	784.491	785.499	783.484	R[6]
K[20]	2187.269	644.409	628.390	629.398	627.382	K[5]
V[21]	2286.338	502.266	486.246	487.254	485.237	V[4]
L[22]	2389.422	403.230	387.211	388.219	386.203	L[3]
R[23]	2555.523	290.140	274.121	275.135	273.110	R[2]
D[24]	2670.550	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAK^{Propionyl}_{56.03} RHRK^(Methyl)_(14.02) VLRD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=67.52
- ▶ F124980.dat
- ▶ query=q73686.p1
- ▶ precursor=668.639900
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S 1	74.692	1336.271	1328.261	0.504	1327.757	S 24
G 2	102.553	1271.749	1263.740	0.504	1263.236	G 23
R 3	180.603	1243.239	1235.230	1235.733	1234.726	R 22
G 4	209.114	1205.188	1157.179	1157.683	1156.675	G 21
R 5	289.163	1136.677	1128.668	1129.172	1129.164	R 20
G 6	322.677	1051.625	1043.615	1044.119	1043.111	G 19
G 7	351.188	1023.114	1015.104	1015.608	1014.601	G 18
K 8	436.241	994.603	986.594	987.098	986.590	K 17
G 9	464.752	909.550	901.541	902.045	901.037	G 16
T 10	501.264	881.040	873.030	873.534	872.526	T 15
G 11	540.264	824.498	816.488	816.992	815.984	G 14
K 12	613.852	795.067	787.977	788.481	787.474	K 13
G 13	642.363	731.939	723.930	724.434	723.426	G 12
G 14	670.873	703.429	695.419	695.923	694.915	G 11
A 15	708.269	674.918	666.908	667.412	666.405	A 10
T 16	788.452	639.399	631.390	631.894	630.886	T 9
R 17	876.503	547.339	539.329	539.833	538.825	R 8
H 18	945.032	469.288	461.279	461.783	460.775	H 7
R 19	1023.063	400.759	392.749	393.253	392.245	R 6
K 20	1094.138	322.708	314.699	315.203	314.195	K 5
V 21	1143.673	254.053	246.043	246.547	245.540	V 4
L 22	1206.215	202.119	194.109	194.613	193.605	L 3
R 23	1278.265	145.577	137.567	138.071	137.063	R 2
D 24	1336.779	87.526	59.537	60.021	59.013	D 1

sp | P62806 | H4_MOUSE

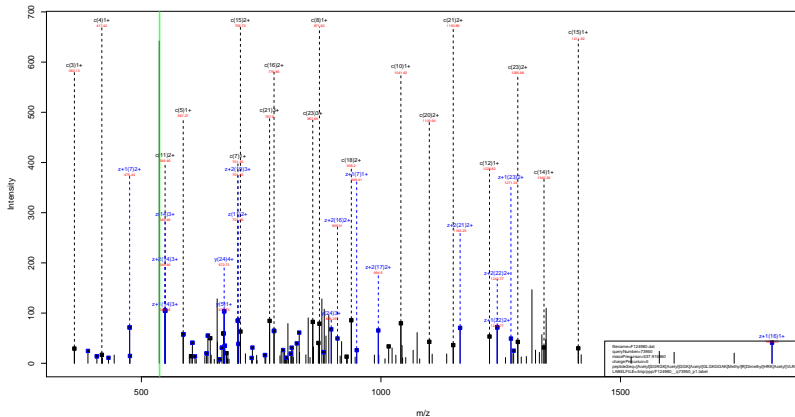
[Acetyl]SGRGK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAK^{Propionyl}_{56.03} RHRK^(Methyl)_(14.02) VLRLD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=67.52
- ▶ F124980.dat
- ▶ query=q73686.p1
- ▶ precursor=668.639900
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	69.697	891.183	885.843	0.672	885.507	S[24]
G[2]	68.704	838.159	842.829	0.672	832.493	G[23]
R[3]	120.738	829.161	823.822	824.158	823.486	R[22]
G[4]	139.745	777.128	771.789	772.124	771.452	G[21]
K[5]	196.447	758.121	752.781	753.117	752.445	K[20]
G[6]	215.454	701.419	696.079	696.415	695.743	G[19]
G[7]	234.461	682.412	677.072	677.408	676.736	G[18]
K[8]	291.163	663.404	658.065	658.401	657.729	K[17]
G[9]	310.170	606.703	601.363	601.699	601.027	G[16]
L[10]	347.895	587.695	582.355	582.692	582.020	L[15]
G[11]	386.972	530.301	544.667	544.997	544.325	G[14]
K[12]	409.570	530.994	525.654	525.990	525.318	K[13]
G[13]	428.577	488.295	482.956	483.292	482.620	G[12]
G[14]	447.585	469.288	463.949	464.285	463.613	G[11]
A[15]	471.264	450.281	444.941	445.277	444.605	A[10]
K[16]	532.637	426.602	421.262	421.598	420.926	K[9]
R[17]	584.671	365.226	359.889	360.225	359.553	R[8]
H[18]	630.357	313.195	307.855	308.191	307.519	H[7]
R[19]	682.391	267.508	262.168	262.505	261.833	R[6]
K[20]	729.764	215.475	210.135	210.471	209.799	K[5]
V[21]	752.784	168.104	162.764	163.101	162.429	V[4]
L[22]	860.479	135.082	129.742	130.078	129.406	L[3]
R[23]	852.513	97.387	92.047	92.383	91.711	R[2]
D[24]	890.855	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGK Acetyl 42.01 GGK Acetyl 42.01 GLGKGGAK Methyl 14.02 R Dimethyl 28.03 HRK Acetyl 42.01 VLRD



sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGKGGAK^{Methyl} R^{Dimethyl} HRK^{Acetyl} VLRD^{42.01}
 14.02 28.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=60.60
- ▶ F124980.dat
- ▶ query=q73950_p1
- ▶ precursor=537.915860
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
S	1	147.676	2685.550	2669.531	0.000	2668.523	S[24]
G	2	204.098	2556.507	2540.488	0.000	2539.480	G[23]
R	3	368.199	2499.486	2483.467	2484.475	2482.459	R[22]
G	4	417.220	2343.384	2327.365	2328.373	2326.355	G[21]
K	5	587.326	2286.363	2270.344	2271.352	2269.335	K[20]
G	6	644.347	2118.257	2102.239	2101.247	2099.231	G[19]
G	7	701.369	2059.236	2043.217	2044.225	2042.209	G[18]
K	8	871.474	2002.214	1986.196	1987.204	1985.189	K[17]
G	9	928.496	1832.109	1816.090	1817.098	1815.082	G[16]
L	10	1041.580	1775.087	1759.069	1760.077	1758.061	L[15]
G	11	1088.601	1562.003	1545.985	1546.993	1544.977	G[14]
K	12	1226.696	1504.982	1488.963	1489.971	1487.955	K[13]
G	13	1263.718	1476.887	1460.869	1461.876	1459.860	G[12]
G	14	1340.739	1419.866	1403.847	1404.855	1402.839	G[11]
A	15	1411.776	1362.844	1346.825	1347.833	1345.818	A[10]
R	16	1533.887	1291.807	1275.789	1276.796	1274.780	R[9]
R	17	1738.019	1149.696	1133.678	1134.685	1132.670	R[8]
H	18	1875.078	965.564	949.545	950.553	948.537	H[7]
R	19	2031.179	828.505	812.486	813.494	811.478	R[6]
K	20	2201.285	672.404	656.385	657.393	655.377	K[5]
V	21	2300.351	502.298	486.280	487.287	485.272	V[4]
L	22	2413.437	403.230	387.211	388.219	386.203	L[3]
R	23	2569.539	280.146	274.127	275.135	273.119	R[2]
D	24	2684.566	134.045	118.026	119.034	117.018	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGKGGAK^{Methyl} R^{14.02} Dimethyl^{28.03} HRK^{Acetyl} VLRD^{42.01}

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=60.60
- ▶ F124980.dat
- ▶ query=q73950_p1
- ▶ precursor=537.915860
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.642	1343.278	1335.269	0.504	1334.765	S[24]
G[2]	102.553	1278.757	1270.748	0.504	1270.244	G[23]
R[3]	180.603	1250.240	1242.237	1242.741	1241.713	R[22]
G[4]	209.114	1372.196	1364.188	1164.690	1163.663	G[21]
K[5]	204.107	1143.685	1135.676	1136.180	1135.172	K[20]
G[6]	322.677	1058.632	1050.623	1051.127	1050.119	G[19]
G[7]	351.188	1030.122	1022.115	1022.616	1021.608	G[18]
K[8]	436.241	1001.611	993.602	994.105	993.090	K[17]
G[9]	464.752	918.595	909.587	909.093	908.045	G[16]
L[10]	531.294	898.047	890.038	890.542	879.534	L[15]
K[11]	549.804	831.505	823.496	824.000	822.982	K[14]
K[12]	613.852	802.995	794.985	795.489	794.481	K[13]
G[13]	642.363	738.947	730.938	731.442	730.434	G[12]
G[14]	670.873	710.436	702.427	702.931	701.923	G[11]
A[15]	706.392	681.926	673.916	674.420	673.412	A[10]
R[16]	777.447	646.407	638.398	638.902	637.894	R[9]
R[17]	809.513	575.352	567.342	567.846	566.839	R[8]
H[18]	938.043	483.289	475.276	475.780	474.772	H[7]
R[19]	1016.093	414.756	406.747	407.251	406.243	R[6]
K[20]	1101.146	336.706	328.695	329.200	328.192	K[5]
V[21]	1156.680	251.653	243.643	244.147	243.140	V[4]
L[22]	1207.222	202.119	194.109	194.613	193.605	L[3]
R[23]	1285.273	145.577	137.567	138.071	137.063	R[2]
D[24]	1342.786	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGR GK^{Acetyl}_{42.01} GGK^{Acetyl}_{42.01} GLGKGGAK^{Methyl}_{14.02} R^{Dimethyl}_{28.03} HRK^{Acetyl}_{42.01} VLRD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=60.60
- ▶ F124980.dat
- ▶ query=q73950.p1
- ▶ precursor=537.915860
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	895.855	890.511	0.672	890.179	S[24]
G[2]	58.704	857.841	847.501	0.672	847.165	G[23]
R[3]	150.738	833.833	828.494	828.830	828.158	R[22]
G[4]	139.745	781.800	776.460	776.796	776.124	G[21]
K[5]	196.447	762.792	757.453	757.789	757.117	K[20]
G[6]	215.454	706.091	700.751	701.087	700.415	G[19]
G[7]	234.461	687.083	681.744	682.080	681.408	G[18]
K[8]	291.163	668.076	662.737	663.073	662.401	K[17]
G[9]	310.170	611.374	606.035	606.371	605.700	G[16]
L[10]	347.885	592.367	587.028	587.364	586.692	L[15]
G[11]	366.872	554.673	549.333	549.669	548.997	G[14]
K[12]	409.570	535.666	530.326	530.662	529.990	K[13]
G[13]	428.577	492.967	487.628	487.964	487.292	G[12]
G[14]	447.585	473.960	468.620	468.956	468.285	G[11]
A[15]	471.264	454.953	449.613	449.949	449.277	A[10]
K[16]	518.634	431.274	425.934	426.270	425.598	K[9]
R[17]	580.011	383.904	378.564	378.900	378.228	R[8]
H[18]	625.698	322.526	317.187	317.523	316.851	H[7]
R[19]	677.731	276.840	271.500	271.836	271.164	R[6]
K[20]	734.433	224.806	219.467	219.803	219.131	K[5]
V[21]	767.456	168.104	162.765	163.101	162.429	V[4]
L[22]	805.151	135.082	129.742	130.078	129.406	L[3]
R[23]	857.184	97.387	92.047	92.383	91.711	R[2]
D[24]	895.527	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

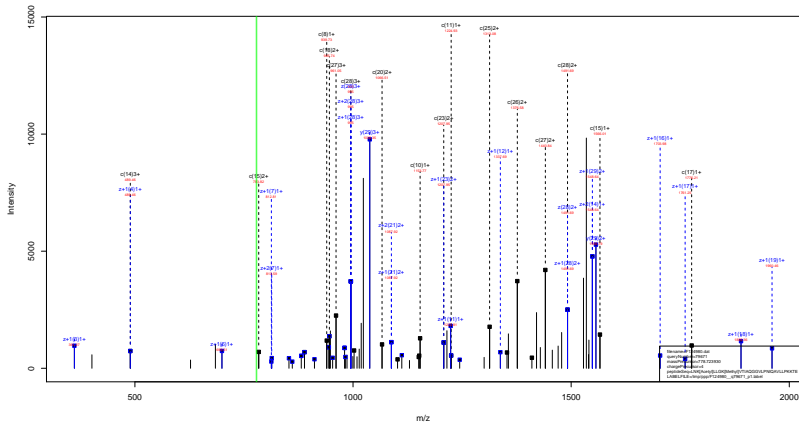
[Acetyl]SGR^{Acetyl}RGK^{42.01} GGK^{Acetyl} GLGKGGAK^{Methyl} R^{14.02} Dimethyl^{28.03} HRK^{Acetyl} VLRD^{42.01}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=60.60
- ▶ F124980.dat
- ▶ query=q73950.p1
- ▶ precursor=537.915860
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	672.143	668.138	0.755	667.886	S[24]
G[2]	51.780	539.882	635.878	0.755	635.626	G[23]
R[3]	90.805	625.627	621.622	621.874	621.370	R[22]
G[4]	105.061	586.602	582.597	582.849	582.345	G[21]
K[5]	147.587	572.346	568.342	568.593	568.090	K[20]
G[6]	161.842	529.820	525.815	526.067	525.563	G[19]
G[7]	176.098	615.564	511.560	511.812	511.308	G[18]
K[8]	218.624	501.309	497.304	497.556	497.052	K[17]
G[9]	232.879	458.783	454.778	455.030	454.526	G[16]
L[10]	261.150	444.521	440.523	440.775	440.271	L[15]
G[11]	275.406	416.256	412.252	412.504	412.000	G[14]
K[12]	307.430	402.001	397.996	398.248	397.744	K[13]
G[13]	321.685	369.977	365.973	366.224	365.721	G[12]
G[14]	335.940	355.722	351.717	351.969	351.465	G[11]
A[15]	353.700	341.466	337.462	337.714	337.210	A[10]
K[16]	389.227	323.707	319.703	319.954	319.451	K[9]
R[17]	435.260	288.180	284.175	284.427	283.923	R[8]
H[18]	469.525	242.146	238.142	238.394	237.890	H[7]
R[19]	508.550	207.882	203.877	204.129	203.625	R[6]
K[20]	551.077	168.856	164.852	165.104	164.600	K[5]
V[21]	575.344	126.330	122.325	122.577	122.073	V[4]
L[22]	604.115	101.563	97.558	97.810	97.306	L[3]
R[23]	643.140	73.292	69.287	69.539	69.035	R[2]
D[24]	671.897	34.267	30.262	30.514	30.010	D[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Acetyl}_{42.01} LLGK^{Methyl}_{14.02} VTIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Acetyl}_{42.01} LLGK^{Methyl}_{14.02} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=66.05
- ▶ F124980.dat
- ▶ query=q79671.p1
- ▶ precursor=778.723930
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L 1	131.118	3111.887	3095.888	0.000	3094.860	L 29
N 2	345.161	2998.803	2982.794	2963.793	2961.778	N 28
K 3	415.206	2884.760	2866.741	2859.749	2867.733	K 27
L 4	528.350	2714.654	2698.636	2699.643	2697.629	L 26
L 5	641.434	2601.570	2585.551	2586.559	2584.544	L 25
G 6	698.458	2488.486	2472.467	2473.475	2471.460	G 24
K 7	840.587	2331.465	2315.446	2316.454	2314.438	K 23
V 8	939.635	2289.354	2273.335	2274.343	2272.327	V 22
T 9	1040.683	2190.288	2174.269	2175.275	2173.259	T 21
I 10	1153.767	2089.238	2073.219	2074.227	2072.211	I 20
A 11	1224.804	1978.154	1960.135	1961.143	1959.127	A 19
Q 12	1352.862	1905.111	1889.093	1890.108	1888.090	Q 18
G 13	1409.884	1777.058	1761.039	1762.047	1760.032	G 17
G 14	1466.905	1720.937	1704.918	1705.926	1703.910	G 16
V 15	1565.974	1663.015	1646.997	1646.004	1645.989	V 15
L 16	1679.058	1563.947	1547.928	1548.936	1546.920	L 14
P 17	1776.111	1450.863	1434.844	1435.852	1433.836	P 13
TW 18	1689.133	1383.810	1337.791	1338.799	1336.783	TW 12
I 19	2003.238	1238.767	1223.748	1224.756	1222.741	I 11
Q 20	2131.296	1126.683	1110.664	1111.672	1109.656	Q 10
A 21	2202.331	998.634	982.606	983.614	981.598	A 9
V 22	2301.402	927.587	911.569	912.576	910.561	V 8
L 23	2414.486	828.519	812.500	813.508	811.492	L 7
L 24	2527.570	715.435	699.415	700.424	698.408	L 6
P 25	2624.623	602.351	586.332	587.340	585.324	P 5
K 26	2752.718	505.298	489.279	490.287	488.271	K 4
K 27	3880.812	377.203	361.184	362.192	360.177	K 3
T 28	2981.850	249.138	233.069	234.077	232.062	T 2
E 29	3110.903	148.060	132.042	133.050	131.034	E 1

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Acetyl}_{42.01} LLGK^{Methyl}_{14.02} VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=66.05
- ▶ F124980.dat
- ▶ query=q79671.p1
- ▶ precursor=778.723930
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L1	66.053	1556.447	1548.438	9.504	1547.934	L126
N12	123.084	1699.905	1491.896	1492.400	1491.392	N020
K13	208.137	1442.884	1434.874	1435.378	1434.370	K027
L14	264.679	1337.811	1349.823	1350.326	1346.317	L126
L15	321.221	1301.269	1293.279	1293.783	1292.775	L125
G16	389.792	1244.747	1236.737	1237.241	1236.233	G024
K17	420.787	1216.230	1208.227	1208.731	1207.723	K023
V18	470.321	1145.181	1137.171	1137.675	1136.667	V022
T19	520.845	1095.646	1087.637	1088.141	1087.133	T121
T10	577.387	1045.123	1037.113	1037.617	1036.609	T20
A11	622.866	1008.243	998.571	991.075	988.067	A10
Q12	678.938	953.062	945.053	945.557	944.549	Q10
G13	705.446	889.033	881.023	881.527	880.519	G10
G14	733.956	860.522	852.513	853.017	852.009	G16
V15	783.491	832.011	824.002	824.506	823.498	V15
L16	840.033	782.477	774.468	774.972	773.964	L14
T17	888.559	728.935	719.926	719.430	717.421	T13
N18	945.580	677.400	668.390	669.383	668.375	N12
I19	1002.122	620.867	612.858	612.862	611.874	I11
Q20	1066.152	563.845	555.836	556.840	555.832	Q10
A21	1101.670	499.816	491.807	492.810	491.803	A10
V22	1151.204	484.297	476.288	476.792	475.784	V16
L23	1207.747	414.763	406.754	407.758	406.750	L10
L24	1264.289	358.221	350.212	350.716	349.708	L16
P25	1312.815	301.679	293.670	294.174	293.166	P16
K26	1376.862	253.153	245.143	245.647	244.639	K14
K27	1440.910	189.105	181.096	181.600	180.592	K13
T28	1491.434	125.058	117.048	117.552	116.544	T12
E29	1535.955	74.534	66.524	67.028	66.021	E10

sp | Q6GSS7 | H2A2A_MOUSE

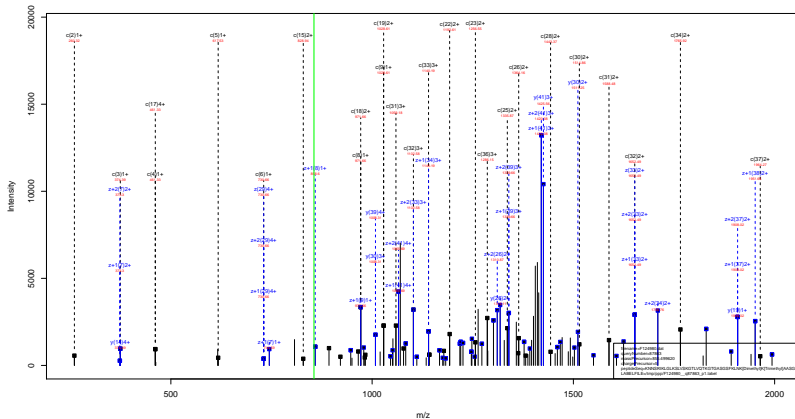
LNK^{Acetyl}42.01 LLGK^{Methyl}14.02 VTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=66.05
- ▶ F124980.dat
- ▶ query=q79671.p1
- ▶ precursor=778.723930
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L1	44.377	1037.967	1032.608	0.672	1032.292	L29
N2	82.392	1000.272	994.933	995.269	994.597	N28
K3	139.044	962.258	956.919	957.254	956.983	K27
L4	178.288	905.556	900.217	900.553	899.981	L26
L5	214.493	867.862	862.523	862.858	862.189	L25
G6	233.490	830.167	824.827	825.163	824.491	G24
K7	280.880	811.160	806.820	806.156	805.484	K23
V8	313.883	763.790	758.450	758.786	758.114	V22
T9	347.566	730.787	725.427	725.763	725.091	T21
I10	385.260	697.084	691.745	692.081	691.409	I20
A11	408.239	659.389	654.050	654.386	653.714	A19
Q12	431.626	626.710	621.371	621.707	621.035	Q18
G13	470.633	593.024	587.685	588.021	587.349	G17
G14	489.640	574.017	568.678	569.013	568.342	G16
V15	522.663	555.010	549.670	550.006	549.334	V15
L16	560.357	521.987	516.648	516.984	516.312	L14
P17	592.708	484.292	478.953	479.289	478.617	P13
N18	630.723	451.342	446.002	446.338	445.666	N12
I19	668.617	413.927	408.588	408.924	408.252	I11
Q20	711.104	376.233	370.893	371.229	370.557	Q10
A21	754.763	333.546	328.207	328.543	327.871	A9
V22	767.805	309.897	304.538	304.864	304.192	V8
L23	805.500	276.844	271.505	271.841	271.169	L7
L24	843.195	239.150	233.810	234.146	233.474	L6
P25	875.546	201.455	196.116	196.451	195.780	P5
K26	918.244	169.154	163.815	164.151	163.479	K4
K27	960.942	126.460	121.096	121.402	120.730	K3
T28	994.625	83.708	78.368	78.704	78.032	T2
E29	1037.639	50.025	44.685	45.021	44.349	E1

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGLTLVQTKGTGASGSFKLNK (Dimethyl) K (Trimethyl) AASGE (28.03) (42.05)



sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNK (Dimethyl) K (Trimethyl) AASGE
 (28.03) (42.05)

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=71.48
- ▶ F124980.dat
- ▶ query=q87863.p1
- ▶ precursor=855.499620
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
R	1	146.129	4273.477	4297.463	4358.461	4296.446	R[41]
N	2	260.172	4145.377	4129.358	4130.366	4125.350	N[40]
N	3	374.215	4031.334	4015.315	4016.323	4014.307	N[39]
S	4	461.247	3917.291	3901.272	3902.280	3900.264	S[38]
R	5	617.348	3803.250	3814.240	3815.248	3813.232	R[37]
I	6	730.432	3674.156	3658.139	3659.147	3657.131	I[36]
R	7	858.527	3561.074	3545.055	3546.063	3544.047	R[35]
L	8	971.611	3432.979	3416.960	3417.968	3415.952	L[34]
G	9	1028.632	3319.895	3303.876	3304.884	3302.868	G[33]
L	10	1141.716	3202.877	3186.858	3187.866	3185.849	L[32]
K	11	1269.811	3149.789	3133.771	3134.779	3132.763	K[31]
S	12	1359.843	3021.694	3005.675	3006.683	3004.667	S[30]
L	13	1469.927	2934.662	2918.644	2919.651	2917.635	L[29]
V	14	1568.996	2821.578	2805.559	2806.567	2804.551	V[28]
S	15	1656.028	2722.510	2706.491	2707.499	2705.483	S[27]
K	16	1784.123	2635.478	2619.459	2620.467	2618.451	K[26]
G	17	1841.144	2507.383	2491.364	2492.372	2490.356	G[25]
T	18	1982.192	2400.391	2384.373	2385.380	2383.364	T[24]
L	19	2055.276	2349.314	2333.295	2334.303	2332.287	L[23]
V	20	2154.344	2238.230	2222.211	2223.219	2221.203	V[22]
Q	21	2282.403	2137.161	2121.142	2122.150	2120.134	Q[21]
T	22	2381.451	2030.103	1993.084	1994.092	1992.076	T[20]
K	23	2511.546	1908.055	1892.036	1893.044	1891.028	K[19]
G	24	2688.587	1779.967	1763.948	1764.956	1762.940	G[18]
T	25	2809.615	1722.938	1706.920	1707.928	1705.912	T[17]
G	26	2726.636	1621.891	1605.872	1606.880	1604.864	G[16]
A	27	2787.673	1564.869	1548.851	1549.858	1547.841	A[15]
S	28	2884.705	1493.837	1477.818	1478.826	1476.810	S[14]
G	29	2941.727	1406.806	1390.787	1391.795	1389.779	G[13]
S	30	3028.769	1349.775	1333.756	1334.764	1332.748	S[12]
F	31	3175.827	1282.747	1246.728	1247.736	1245.720	F[11]
K	32	3303.922	1115.678	1099.660	1100.667	1098.651	K[10]
L	33	3417.006	987.583	971.565	972.572	970.557	L[9]
N	34	3531.049	874.499	858.481	859.488	857.473	N[8]
K	35	3687.176	780.466	744.438	745.445	743.430	K[7]
K	36	3879.211	624.339	608.321	609.328	607.312	K[6]
A	37	3928.355	434.188	418.169	419.177	417.162	A[5]
A	38	3999.392	363.151	347.132	348.140	346.124	A[4]
S	39	4066.424	292.114	276.095	277.103	275.087	S[3]
G	40	4143.445	205.082	189.063	190.071	188.055	G[2]
E	41	4272.488	148.960	132.942	133.950	131.934	E[1]

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNK (Dimethyl) K (Trimethyl) AASGE (28.03) (42.05)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=71.48
- ▶ F124980.dat
- ▶ query=q87863.p1
- ▶ precursor=855.499620
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z=1	z=2	z	AA	
R	13	73.508	2137.240	2129.230	2129.734	2128.720	R(41)
N	2	130.599	2073.192	2066.181	2065.987	2064.670	N(40)
N	3	187.611	2016.171	2008.161	2008.666	2007.657	N(39)
S	4	231.127	1959.149	1951.140	1951.644	1950.636	S(38)
R	5	309.178	1915.633	1907.624	1908.128	1907.120	R(37)
I	6	365.720	1837.583	1829.573	1830.077	1829.069	I(36)
R	7	429.267	1761.041	1773.031	1773.535	1772.527	R(35)
L	8	486.309	1718.993	1708.984	1709.488	1708.480	L(34)
G	9	514.820	1660.451	1652.442	1652.946	1651.938	G(33)
L	10	571.862	1631.946	1623.931	1624.435	1623.427	L(32)
K	11	635.400	1575.390	1567.380	1567.883	1566.875	K(31)
S	12	678.625	1511.391	1503.381	1503.884	1502.838	S(30)
L	13	735.467	1467.835	1459.825	1460.329	1459.321	L(29)
V	14	785.002	1411.293	1403.283	1403.787	1402.779	V(28)
S	15	828.518	1361.759	1353.749	1354.251	1353.245	S(27)
K	16	892.565	1318.243	1310.233	1310.737	1309.729	K(26)
G	17	921.076	1254.195	1246.186	1246.690	1245.682	G(25)
T	18	971.609	1235.644	1217.635	1218.139	1217.131	T(24)
L	19	1028.142	1175.160	1167.151	1167.655	1166.647	L(23)
V	20	1077.676	1118.618	1110.609	1111.113	1110.105	V(22)
Q	21	1141.705	1069.084	1061.075	1061.579	1060.571	Q(21)
T	22	1192.229	1035.055	997.046	997.549	996.542	T(20)
K	23	1256.276	994.511	946.522	947.026	946.018	K(19)
G	24	1264.477	960.484	960.474	960.978	960.970	G(18)
T	25	1335.311	981.073	851.064	854.467	851.460	T(17)
G	26	1363.822	811.449	803.440	803.944	802.936	G(16)
A	27	1399.340	782.939	774.929	775.433	774.425	A(15)
S	28	1442.856	747.420	739.410	739.914	738.906	S(14)
G	29	1471.369	683.904	685.903	686.908	685.900	G(13)
S	30	1514.883	675.393	667.384	667.888	666.880	S(12)
F	31	1588.417	631.877	623.868	624.372	623.364	F(11)
K	32	1652.465	558.343	550.333	550.837	549.830	K(10)
L	33	1709.007	494.295	486.286	486.790	485.782	L(9)
N	34	1766.828	437.753	429.743	430.247	429.240	N(8)
R	35	1844.051	390.732	372.722	373.226	372.219	R(7)
K	36	1926.182	302.666	284.659	295.163	294.155	K(6)
A	37	1964.681	217.598	209.588	210.092	209.084	A(5)
A	38	2000.199	182.079	174.070	174.574	173.566	A(4)
S	39	2043.716	146.561	138.551	139.055	138.047	S(3)
G	40	2072.226	103.045	95.035	95.539	94.531	G(2)
E	41	2136.748	74.534	66.524	67.028	66.021	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNK (Dimethyl) K (Trimethyl) AASGE
 (28.03) (42.05)

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=71.48
- ▶ F124980.dat
- ▶ query=q87863.p1
- ▶ precursor=855.499620
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	#+1	#+2	z	AA	
R	1	49.301	1425.162	1418.823	1431.156	249.440	R(41)
N	2	67.306	1332.654	1377.124	1377.460	1376.780	N(40)
N	3	125.410	1344.648	1339.110	1339.446	1338.774	N(39)
S	4	154.420	1308.435	1301.096	1301.432	1300.760	S(38)
R	5	208.454	1277.425	1272.085	1272.421	1271.740	R(37)
I	6	244.149	1225.391	1220.051	1220.387	1219.715	I(36)
R	7	288.987	1187.099	1182.357	1182.692	1182.021	R(35)
L	8	324.542	1144.955	1139.658	1139.994	1139.322	L(34)
G	9	343.549	1107.903	1101.994	1102.299	1101.628	G(33)
L	10	381.244	1088.296	1082.956	1083.292	1082.620	L(32)
K	11	423.942	1050.601	1045.262	1045.598	1044.929	K(31)
S	12	452.853	1007.903	1002.563	1002.599	1002.227	S(30)
L	13	489.647	978.992	973.553	973.889	973.217	L(29)
V	14	523.670	941.195	935.838	936.194	935.522	V(28)
S	15	552.681	908.175	902.835	903.171	902.499	S(27)
K	16	595.179	879.164	873.825	874.160	873.480	K(26)
G	17	614.386	836.466	831.126	831.462	830.790	G(25)
T	18	648.059	817.859	812.519	812.855	812.183	T(24)
L	19	685.764	783.776	778.436	778.772	778.101	L(23)
V	20	718.786	748.081	742.742	743.078	742.406	V(22)
Q	21	761.473	713.059	707.719	708.055	707.383	Q(21)
T	22	795.115	670.372	665.033	665.369	664.697	T(20)
K	23	837.853	636.690	631.350	631.686	631.014	K(19)
G	24	858.903	593.991	588.652	588.988	588.316	G(18)
T	25	890.543	574.084	568.745	569.081	568.409	T(17)
G	26	909.550	541.302	535.963	536.298	535.626	G(16)
A	27	933.229	522.299	516.959	517.295	516.619	A(15)
S	28	952.940	498.616	493.276	493.612	492.940	S(14)
G	29	981.247	469.805	464.465	464.801	464.129	G(13)
S	30	1010.258	450.599	445.258	445.594	444.922	S(12)
F	31	1059.281	421.587	416.248	416.583	415.911	F(11)
K	32	1101.979	372.564	367.225	367.561	366.889	K(10)
L	33	1139.674	329.866	324.526	324.862	324.190	L(9)
N	34	1177.688	292.171	286.832	287.168	286.496	N(8)
R	35	1222.917	254.151	248.811	249.147	248.475	R(7)
K	36	1286.444	202.115	196.775	197.111	196.439	K(6)
A	37	1316.123	145.401	140.061	140.397	139.725	A(5)
A	38	1333.802	121.722	116.382	116.718	116.046	A(4)
S	39	1362.813	98.043	92.703	93.039	92.367	S(3)
G	40	1381.826	69.325	63.985	64.321	63.649	G(2)
E	41	1424.814	50.025	44.685	45.021	44.349	E(1)

sp | P43277 | H13_MOUSE

KNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNK (Dimethyl) (28.03) K (Trimethyl) (42.05) AASGE

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=71.48
- ▶ F124980.dat
- ▶ query=q87863.p1
- ▶ precursor=855.499620
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
R 1	37.288	1060.123	1065.119	1065.371	1064.867	R 41
N 2	65.798	1037.100	1031.095	1033.347	1032.843	N 40
N 3	94.309	1008.589	1004.584	1004.836	1004.332	N 39
S 4	116.007	980.078	976.074	976.325	975.822	S 38
K 5	155.002	958.320	954.316	954.567	954.064	K 37
T 6	183.383	919.295	915.290	915.542	915.039	T 36
K 7	215.397	891.024	887.020	887.271	886.767	K 35
L 8	243.058	859.000	854.995	855.247	854.744	L 34
G 9	257.914	830.729	826.724	826.976	826.473	G 33
L 10	289.105	816.474	812.469	812.721	812.217	L 32
K 11	318.208	788.203	784.198	784.450	783.946	K 31
S 12	339.868	756.379	752.374	752.626	752.123	S 30
L 13	368.217	724.421	730.416	730.668	730.164	L 29
V 14	393.004	706.150	702.145	702.397	701.893	V 28
S 15	414.702	681.381	677.376	677.628	677.125	S 27
K 16	440.789	659.025	655.020	655.272	654.768	K 26
G 17	461.042	627.601	623.596	623.848	623.345	G 25
T 18	486.353	613.340	609.335	609.587	609.083	T 24
L 19	514.574	588.084	584.079	584.331	583.827	L 23
V 20	539.342	559.813	555.808	556.060	555.556	V 22
Q 21	571.356	535.046	531.041	531.293	530.789	Q 21
T 22	596.618	503.031	499.026	499.278	498.774	T 20
K 23	628.642	477.769	473.765	474.016	473.513	K 19
G 24	642.897	446.745	443.741	443.993	443.489	G 18
T 25	668.159	413.480	409.475	409.727	409.223	T 17
G 26	682.415	406.225	402.221	402.473	401.970	G 16
A 27	706.174	381.973	387.968	388.220	387.716	A 15
S 28	721.932	374.214	370.209	370.461	369.957	S 14
G 29	736.187	352.456	348.451	348.703	348.199	G 13
S 30	757.945	338.200	334.195	334.447	333.944	S 12
F 31	784.712	318.442	312.437	312.689	312.185	F 11
R 32	826.736	279.675	275.670	275.922	275.418	R 10
L 33	855.007	247.651	243.647	243.899	243.395	L 9
N 34	883.518	219.380	215.375	215.627	215.124	N 8
K 35	922.549	190.870	186.865	187.117	186.613	K 7
K 36	965.085	151.836	147.831	148.083	147.580	K 6
A 37	982.844	109.302	105.298	105.550	105.046	A 5
A 38	1050.603	91.543	87.538	87.790	87.287	A 4
S 39	1022.381	73.784	69.779	70.031	69.527	S 3
G 40	1036.617	52.026	48.021	48.273	47.769	G 2
E 41	1068.877	37.771	33.766	34.018	33.514	E 1

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Trimethyl}VLR^{42.05}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.36
- ▶ F124985.dat
- ▶ query=q9346_p1
- ▶ precursor=415.255770
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	147.076	2486.503	2470.483	0.000	2469.475	S[23]
G[2]	204.098	2357.450	2341.440	0.000	2340.432	G[22]
R[3]	360.199	2300.437	2284.419	2265.427	2263.411	R[21]
G[4]	417.220	2144.330	2128.318	2120.325	2127.310	G[20]
K[5]	545.315	2087.315	2071.296	2072.304	2070.288	K[19]
G[6]	602.337	1959.220	1943.201	1944.209	1942.191	G[18]
G[7]	659.358	1902.190	1886.180	1887.185	1885.172	G[17]
K[8]	787.463	1845.177	1829.138	1830.149	1828.150	K[16]
G[9]	844.475	1717.082	1701.063	1702.071	1700.055	G[15]
L[10]	957.550	1660.061	1644.042	1645.050	1643.034	L[14]
G[11]	1014.569	1546.976	1530.958	1531.966	1529.950	G[13]
R[12]	1142.675	1489.950	1473.936	1474.944	1472.926	R[12]
G[13]	1199.697	1361.860	1345.841	1346.849	1344.833	G[11]
G[14]	1256.718	1304.839	1288.820	1289.828	1287.812	G[10]
A[15]	1327.795	1247.817	1231.798	1232.806	1230.791	A[9]
K[16]	1497.861	1176.780	1160.761	1161.769	1159.753	K[8]
R[17]	1653.962	1108.675	990.656	991.664	989.648	R[7]
R[18]	1701.023	850.573	834.555	835.562	833.544	R[6]
R[19]	1947.122	713.514	697.496	698.504	696.488	R[5]
K[20]	2117.264	557.413	541.395	542.402	540.387	K[4]
V[21]	2226.332	387.271	371.253	372.261	370.245	V[3]
L[22]	2329.416	298.203	272.184	273.192	271.176	L[2]
R[23]	2485.517	175.110	159.100	160.108	158.092	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl} RHRK^{Trimethyl} VLR^{42.01} 42.05

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.36
- ▶ F124985.dat
- ▶ query=q9346_p1
- ▶ precursor=415.255770
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.062	1243.764	1235.746	0.504	1235.241	S[2]
G[2]	102.563	1179.233	1171.224	0.504	1170.720	G[2]
R[3]	180.603	1150.722	1142.713	1143.217	1142.209	R[2]
G[4]	209.114	1072.672	1064.662	1065.166	1064.159	G[20]
K[5]	273.161	1044.181	1036.152	1036.656	1035.648	K[19]
G[6]	301.672	989.134	972.109	972.608	971.601	G[18]
G[7]	330.183	951.603	943.593	944.097	943.090	G[17]
K[8]	394.230	923.092	915.083	915.587	914.579	K[16]
G[9]	422.741	859.045	851.035	851.539	850.531	G[15]
L[10]	479.283	830.534	822.525	823.028	822.021	L[14]
G[11]	507.794	773.022	765.983	766.486	765.479	G[13]
R[12]	571.841	745.481	737.472	737.976	736.969	R[12]
G[13]	600.352	681.934	673.424	673.928	672.920	G[11]
G[14]	628.863	652.923	644.914	645.417	644.410	G[10]
A[15]	664.381	624.412	616.403	616.907	615.899	A[9]
R[16]	749.434	588.894	580.884	581.388	580.380	R[8]
R[17]	827.926	503.841	495.832	496.335	495.328	R[7]
R[18]	896.014	438.790	431.781	432.285	431.277	R[6]
R[19]	974.005	357.261	349.252	349.755	348.748	R[5]
R[20]	1059.136	279.210	271.201	271.705	270.697	R[4]
V[21]	1108.670	194.139	186.130	186.634	185.626	V[3]
L[22]	1165.212	144.605	136.596	137.100	136.092	L[2]
R[23]	1243.202	88.083	80.074	80.578	79.570	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Trimethyl}42.05 VLR

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=35.36
- ▶ F124985.dat
- ▶ query=q9346_p1
- ▶ precursor=415.255770
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	829.505	824.166	0.672	823.830	S[2]
G[2]	68.704	786.491	781.152	0.672	780.816	G[22]
E[3]	120.738	767.484	762.145	762.480	761.808	R[21]
G[4]	139.743	715.430	710.111	710.447	709.775	G[20]
K[5]	182.443	696.443	691.104	691.440	690.768	K[19]
G[6]	201.450	653.745	648.405	648.741	648.069	G[18]
G[7]	220.458	634.738	629.399	629.734	629.062	G[17]
K[8]	263.156	615.731	610.391	610.727	610.055	K[16]
G[9]	282.163	573.032	567.693	568.029	567.357	G[15]
L[10]	319.658	554.025	548.685	549.021	548.350	L[14]
G[11]	338.665	516.330	510.991	511.327	510.655	G[13]
K[12]	381.563	497.323	491.984	492.320	491.648	K[12]
G[13]	400.570	454.025	449.266	449.601	448.949	G[11]
G[14]	419.578	435.618	430.278	430.614	429.942	G[10]
A[15]	443.257	416.611	411.271	411.607	410.935	A[9]
K[16]	499.958	392.932	387.592	387.928	387.256	K[8]
R[17]	551.992	336.230	330.890	331.226	330.554	R[7]
H[18]	597.678	284.196	278.856	279.192	278.520	H[6]
R[19]	649.712	238.510	233.170	233.506	232.834	R[5]
K[20]	706.426	186.476	181.136	181.472	180.800	K[4]
V[21]	739.449	129.762	124.422	124.758	124.086	V[9]
L[22]	777.144	96.739	91.400	91.736	91.064	L[9]
R[23]	620.177	59.043	53.703	54.041	53.369	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}RHRK^{Trimethyl}VLR^{42.05}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=35.36
- ▶ F124985.dat
- ▶ query=q9346_p1
- ▶ precursor=415.255770
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
S	[1]	37.525	622.381	618.376	0.755	618.124	S[2]
G	[2]	51.780	590.120	586.115	0.755	585.864	G[2]
R	[3]	60.800	575.865	571.860	572.112	571.608	R[2]
G	[4]	105.091	336.840	532.835	533.087	332.583	G[20]
K	[5]	137.084	522.584	518.579	518.831	518.126	K[19]
G	[6]	151.340	490.560	488.550	486.308	488.304	G[18]
G	[7]	165.595	476.305	472.300	472.552	472.048	G[17]
K	[8]	197.619	462.050	458.045	458.297	457.793	K[16]
G	[9]	211.874	430.026	428.021	426.273	425.769	G[15]
L	[10]	240.145	415.771	411.766	412.018	411.514	L[14]
G	[11]	254.401	387.500	383.495	383.747	383.243	G[13]
K	[12]	286.424	373.244	369.240	369.491	368.988	K[12]
G	[13]	300.680	341.220	337.215	337.468	336.964	G[11]
G	[14]	314.935	326.965	322.960	323.212	322.708	G[10]
A	[15]	332.694	312.710	308.705	308.957	308.453	A[9]
K	[16]	375.221	294.950	290.946	291.198	290.694	K[8]
R	[17]	414.246	252.424	248.419	248.671	248.167	R[7]
H	[18]	448.511	213.399	209.394	209.646	209.142	H[6]
R	[19]	487.536	179.134	175.129	175.381	174.877	R[5]
K	[20]	530.071	140.109	136.104	136.356	135.852	K[4]
V	[21]	554.839	97.573	93.569	93.821	93.317	V[9]
L	[22]	55.110	72.306	68.302	68.553	68.050	L[2]
R	[23]	622.135	44.535	40.531	40.782	40.279	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGKGLGKGGAK^{Acetyl}42.01 RHRK^{Trimethyl}42.05 VLR

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=35.36
- ▶ F124985.dat
- ▶ query=q9346_p1
- ▶ precursor=415.255770
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
S	1	30.221	498.106	494.902	0.806	494.701	S(2)
G	2	41.825	472.298	469.092	0.205	468.892	G(2)
R	3	72.846	490.891	457.690	457.891	457.488	R(2)
G	4	84.250	429.673	426.468	426.671	426.268	G(2)
K	5	109.869	418.269	415.065	415.267	414.863	K(19)
G	6	121.273	392.650	389.446	389.648	389.244	G(18)
G	7	132.677	381.246	378.042	378.243	377.840	G(17)
K	8	158.296	369.841	366.637	366.839	366.436	K(16)
G	9	169.701	344.222	341.018	341.220	340.817	G(15)
L	10	192.318	332.818	329.614	329.816	329.413	L(14)
G	11	203.722	310.201	306.997	307.199	306.796	G(13)
K	12	229.341	298.797	295.593	295.795	295.392	K(12)
G	13	240.745	273.178	269.973	270.176	269.773	G(11)
G	14	252.149	261.774	258.570	258.771	258.368	G(10)
A	15	266.357	250.369	247.165	247.367	246.964	A(9)
K	16	300.378	238.162	234.958	235.160	234.757	K(8)
R	17	331.598	202.141	198.937	199.139	198.735	R(7)
H	18	359.010	170.920	167.717	167.918	167.515	H(6)
R	19	390.230	143.509	140.305	140.507	140.103	R(5)
K	20	424.259	112.288	109.085	109.286	108.883	K(4)
V	21	444.072	78.260	75.056	75.258	74.855	V(3)
L	22	466.689	58.446	55.243	55.444	55.041	L(2)
R	23	497.909	35.830	32.626	32.827	32.424	R(1)

sp | P10853 | H2B1F_MOUSE

LLPGELAK ^{Crotonyl} 68.03 HAVSEGTK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=65.14
- ▶ F154294.dat
- ▶ query=q38268_p1
- ▶ precursor=916.020800
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	a+b	b	b*	a+b	y	y*	a+b	AA
L1	86.096	0.000	0.000	114.093	0.000	0.000	1831.032	1814.055	1831.032	L137
L12	108.000	0.000	0.000	144.000	0.000	0.000	1819.000	1808.000	1819.000	L136
L13	111.000	0.000	0.000	145.000	0.000	0.000	1804.000	1807.000	1804.000	L135
P14	408.117	0.000	0.000	487.117	0.000	0.000	1841.000	1474.754	1475.770	P154
G15	488.159	0.000	0.000	488.159	0.000	0.000	1394.737	1377.000	1377.000	G16
E16	595.351	0.000	577.371	625.376	0.000	605.366	1337.706	1320.670	1310.695	E17
L17	702.560	0.000	680.600	780.560	0.000	714.000	1268.663	1194.631	1190.650	L111
A18	778.612	0.000	761.492	847.492	0.000	810.000	1095.519	1070.500	1077.548	A19
K19	915.624	958.597	977.611	1001.618	980.792	985.608	1074.542	1057.510	1058.532	K20
H10	1112.683	1095.656	1098.677	1146.678	1123.651	1127.667	878.421	816.394	810.410	H08
A11	1181.728	1166.613	1185.700	1211.715	1194.688	1197.704	681.362	674.330	675.352	A07
V12	1287.768	1265.762	1279.744	1310.741	1292.719	1292.718	630.363	605.295	602.314	V01
S13	1369.820	1357.794	1381.811	1397.815	1380.789	1378.805	521.297	506.210	501.246	S03
E14	1448.853	1441.836	1448.852	1526.858	1509.831	1508.847	434.225	417.180	416.214	E14
G15	1555.894	1538.868	1537.853	1548.834	1536.813	1535.808	305.182	289.151	287.171	G15
T16	1654.932	1636.906	1633.891	1644.874	1647.850	1646.819	248.180	231.134	230.150	T12
K17	1788.927	1768.900	1767.883	1814.822	1795.795	1795.811	147.113	130.088	0.000	K10

sp | P10853 | H2B1F_MOUSE

LLPGELAK ^{Crotonyl} 68.03 HAVSEGTK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=67.98
- ▶ F154294.dat
- ▶ query=q38269_p1
- ▶ precursor=916.021830
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	a+b	b	b*	b+a	y	y*	y+a	AA
L1	86.096	0.000	0.000	114.091	0.000	0.000	1811.032	1814.030	1811.022	L137
L12	100.000	0.000	0.000	144.114	0.000	0.000	1819.060	1828.064	1808.016	L138
L13	112.100	0.000	0.000	340.250	0.000	0.000	1824.094	1837.818	1808.004	L139
P14	408.117	0.000	0.000	487.112	0.000	0.000	1841.180	1474.754	1473.770	P154
G15	488.119	0.000	0.000	486.114	0.000	0.000	1384.737	1377.722	1378.717	G151
E16	505.181	0.000	577.371	623.376	0.000	605.366	1337.706	1325.670	1310.666	E122
L17	0.000	0.000	880.851	0.000	0.000	718.450	1268.663	1197.631	1190.653	L131
A18	178.163	0.000	781.490	0.000	0.000	819.487	1025.319	1017.304	1017.309	A110
K19	575.624	658.597	977.611	1003.618	0.000	935.608	1024.542	1007.528	1008.532	K151
H10	1112.081	1093.656	1088.637	1146.678	1123.651	1127.667	678.421	616.394	610.410	H108
G11	1184.720	1166.617	1185.700	1211.715	1194.688	1197.704	681.362	674.350	675.362	G117
V12	1282.708	1265.702	1278.694	1310.781	1302.759	1302.741	630.283	605.265	602.324	V121
S13	1369.620	1352.614	1361.611	1397.815	1380.788	1378.805	521.297	506.276	503.246	S131
E14	1448.593	1431.586	1440.582	1526.850	1509.811	1508.817	434.225	417.188	416.214	E141
G15	1535.594	1518.586	1527.582	1524.824	1506.813	1505.808	325.182	308.151	287.171	G151
T16	1614.612	1597.603	1603.621	1604.621	1587.603	1586.618	248.180	231.154	230.150	T121
K17	1703.627	1686.618	1697.661	1694.622	1676.605	1675.611	147.113	130.088	0.000	K111

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK ^{Acetyl}42.01 GSKKAVT ^{Acetyl}42.01 KVQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=48.55
- ▶ F161015.dat
- ▶ query=q25072.p1
- ▶ precursor=672.891110
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	v	z+1	z+2	z	AA	
P	1	115.087	2888.54	2672.522	0.000	2671.514	P[25]
D	2	230.114	2591.458	2575.409	0.000	2574.403	D[24]
P	3	327.186	2476.461	2460.442	0.000	2459.434	P[23]
A	4	398.203	2379.408	2363.389	0.000	2362.382	A[22]
K	5	526.258	2306.371	2292.352	2291.360	2291.345	K[21]
S	6	613.330	2180.276	2164.257	2165.265	2163.250	S[20]
A	7	694.298	2093.243	2077.225	2078.233	2076.218	A[19]
P	8	781.420	2022.207	2006.188	2007.196	2005.180	P[18]
A	9	852.457	1925.154	1909.135	1910.143	1908.128	A[17]
P	10	949.510	1854.117	1838.098	1839.106	1837.091	P[16]
K	11	1077.605	1757.064	1741.046	1742.053	1740.038	K[15]
K	12	1247.711	1628.969	1612.951	1613.959	1611.943	K[14]
G	13	1304.732	1498.864	1482.845	1483.853	1481.837	G[13]
S	14	1391.764	1401.842	1385.824	1386.831	1384.815	S[12]
K	15	1519.859	1314.810	1298.792	1299.799	1297.784	K[11]
K	16	1647.954	1198.715	1170.697	1171.705	1169.689	K[10]
A	17	1718.991	1058.620	1042.602	1043.610	1041.594	A[9]
V	18	1818.020	987.583	971.565	972.572	970.557	V[8]
V	19	1961.118	888.515	872.496	873.504	871.489	V[7]
K	20	2089.213	745.457	729.438	730.446	728.430	K[6]
V	21	2188.261	617.362	601.343	602.351	600.335	V[5]
Q	22	2316.340	518.293	502.275	503.282	501.267	Q[4]
K	23	2444.435	390.235	374.216	375.224	373.208	K[3]
K	24	2572.530	262.140	246.121	247.129	245.113	K[2]
D	25	2687.557	134.045	118.026	119.034	117.018	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK ^{Acetyl}42.01 GSKKAVT ^{Acetyl}42.01 KVQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=48.55
- ▶ F161015.dat
- ▶ query=q25072.p1
- ▶ precursor=672.891110
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
P	1	58.047	1344.774	1336.765	0.504	1338.261	P[25]
D	3	115.560	1296.248	1288.238	0.504	1287.734	D[24]
P	3	104.087	1238.734	1230.726	0.504	1233.221	P[23]
A	4	199.605	1190.208	1182.199	0.504	1181.694	A[22]
K	5	263.653	1154.689	1146.680	1147.184	1146.178	K[21]
S	6	307.169	1090.642	1082.632	1083.136	1082.128	S[20]
A	7	362.697	1047.126	1039.118	1039.620	1038.612	A[19]
P	8	393.214	931.609	923.599	924.102	923.094	P[18]
A	9	426.732	953.081	955.071	955.575	954.567	A[17]
P	10	475.259	927.563	919.553	920.057	919.049	P[16]
K	11	539.306	879.036	871.026	871.530	870.521	K[15]
K	12	624.359	814.988	806.979	807.483	806.475	K[14]
Q	13	657.870	729.930	721.920	722.430	721.422	Q[13]
S	14	698.398	701.425	693.415	693.919	692.911	S[12]
K	15	760.433	657.909	649.899	650.403	649.396	K[11]
K	16	824.481	593.861	585.852	586.356	585.348	K[10]
A	17	859.999	529.814	521.804	522.308	521.301	A[9]
V	18	909.533	484.295	486.288	486.790	485.782	V[8]
T	19	983.063	444.761	436.752	437.256	436.248	T[7]
K	20	1045.110	373.232	365.223	365.727	364.719	K[6]
V	21	1094.644	309.184	301.175	301.679	300.671	V[5]
Q	22	1158.674	259.650	251.641	252.145	251.137	Q[4]
K	23	1222.721	195.621	187.612	188.116	187.108	K[3]
K	24	1286.768	131.574	123.564	124.068	123.060	K[2]
D	25	1344.282	87.528	89.519	89.021	89.013	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK ^{Acetyl}42.01 GSKKAVT ^{Acetyl}42.01 KVQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=48.55
- ▶ F161015.dat
- ▶ query=q25072.p1
- ▶ precursor=672.891110
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	30.034	896.852	891.512	0.672	891.176	P[25]
D[2]	77.376	864.501	859.161	0.672	858.625	D[24]
P[3]	109.727	826.159	820.819	0.672	820.483	P[23]
A[4]	133.406	793.808	788.468	0.672	788.132	A[22]
K[5]	176.104	770.129	764.789	765.125	764.453	K[21]
S[6]	205.115	727.435	722.091	722.427	721.755	S[20]
A[7]	228.794	698.420	693.060	693.416	692.744	A[19]
P[8]	251.145	674.741	669.401	669.737	669.085	P[18]
A[9]	294.824	642.090	637.050	637.386	636.714	A[17]
P[10]	317.175	618.711	613.371	613.707	613.035	P[16]
K[11]	359.873	586.360	581.020	581.356	580.684	K[15]
K[12]	416.575	543.661	538.322	538.658	537.986	K[14]
G[13]	435.582	486.959	481.620	481.956	481.284	G[13]
S[14]	464.593	467.952	462.613	462.949	462.277	S[12]
K[15]	507.291	438.942	433.602	433.938	433.266	K[11]
K[16]	549.990	396.241	390.901	391.240	390.568	K[10]
A[17]	573.669	353.545	348.205	348.541	347.869	A[9]
V[18]	606.691	329.866	324.526	324.862	324.190	V[8]
T[19]	654.377	296.843	291.504	291.840	291.168	T[7]
K[20]	697.076	249.157	243.817	244.153	243.482	K[6]
V[21]	730.099	206.459	201.119	201.455	200.783	V[5]
Q[22]	772.785	173.436	168.096	168.432	167.760	Q[4]
K[23]	815.483	130.750	125.410	125.746	125.074	K[3]
K[24]	858.181	88.051	82.712	83.048	82.376	K[2]
D[25]	896.524	45.353	40.014	40.349	39.678	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209.p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
P	1	115.987	2716.536	2700.517	0.000	2699.509	P[25]
E	2	244.229	2319.483	2303.464	0.000	2302.456	E[24]
P	3	341.182	2390.440	2474.422	0.000	2473.414	P[23]
A	4	412.219	2391.387	2377.369	0.000	2376.361	A[22]
K	5	540.314	2322.350	2306.332	2307.339	2305.334	K[21]
S	6	627.346	2194.295	2178.277	2179.244	2177.229	S[20]
A	7	698.383	2107.223	2091.205	2092.212	2090.197	A[19]
P	8	795.436	2036.386	2020.368	2021.375	2019.368	P[18]
A	9	896.473	1939.133	1923.115	1924.123	1922.107	A[17]
P	10	963.526	1898.096	1882.078	1883.085	1881.070	P[16]
K	11	1091.621	1771.044	1756.026	1756.033	1754.017	K[15]
K	12	1261.726	1642.949	1626.930	1627.938	1625.922	K[14]
G	13	1318.748	1472.843	1456.824	1457.832	1455.817	G[13]
S	14	1447.790	1415.822	1399.803	1400.811	1398.795	S[12]
K	15	1574.888	1368.779	1352.761	1353.768	1351.753	K[11]
K	16	1703.980	1158.684	1142.665	1143.673	1141.658	K[10]
A	17	1775.017	1030.589	1014.570	1015.578	1013.563	A[9]
V	18	1874.086	959.552	943.533	944.541	942.525	V[8]
T	19	2017.144	860.484	844.465	845.473	843.457	T[7]
K	20	2145.239	737.425	721.407	722.414	700.399	K[6]
A	21	2216.278	589.330	573.312	574.320	572.304	A[5]
Q	22	2344.335	518.293	502.275	503.282	501.267	Q[4]
K	23	2472.430	390.235	374.216	375.224	373.208	K[3]
K	24	2600.525	262.140	246.121	247.129	245.113	K[2]
D	25	2715.552	134.045	118.026	119.034	117.018	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD (42.01)

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
F 1	88.047	1158.771	1350.792	0.504	1350.250	P 28
E 2	127.568	1310.245	1302.236	0.504	1301.712	E 24
F 3	191.056	1248.728	1237.714	0.504	1237.210	P 25
A 4	206.613	1197.197	1189.188	0.504	1188.664	K 22
K 5	270.681	1161.679	1153.669	1154.173	1153.166	K 21
S 6	314.177	1097.631	1089.622	1090.126	1089.118	S 20
A 7	349.695	1054.115	1046.106	1046.610	1045.602	A 19
F 8	388.222	1018.597	1010.587	1011.591	1010.583	F 18
A 9	431.740	970.070	962.061	962.565	961.557	A 17
F 10	482.267	924.552	926.542	927.546	926.539	F 16
K 11	546.314	886.025	878.016	878.520	877.512	K 15
K 12	631.367	821.978	813.969	814.473	813.465	K 14
G 13	659.878	736.925	728.916	729.420	728.412	G 13
S 14	724.369	708.414	700.405	700.909	699.901	S 12
K 15	788.446	643.893	635.884	636.888	635.881	K 11
K 16	852.494	579.846	571.836	572.340	571.332	K 10
A 17	868.012	515.798	507.789	508.293	507.285	A 9
V 18	937.547	480.280	472.270	472.774	471.766	V 8
T 19	1069.676	430.745	422.736	423.740	422.732	T 7
K 20	1073.123	359.215	351.207	352.211	351.203	K 6
A 21	1108.642	295.168	287.159	287.663	286.656	A 5
Q 22	1172.671	239.650	231.641	232.645	231.637	Q 4
K 23	1236.718	195.621	187.612	188.116	187.108	K 3
K 24	1300.766	131.574	123.564	124.068	123.060	K 2
D 25	1358.279	67.528	59.517	60.021	59.013	D 1

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	906.183	900.844	0.672	900.508	P[25]
E[2]	82.048	873.832	868.493	0.672	868.157	E[24]
P[3]	114.399	830.818	825.479	0.672	825.143	P[23]
A[4]	138.078	708.467	793.128	0.672	792.792	A[22]
K[5]	180.776	774.788	769.449	769.785	769.113	K[21]
S[6]	209.787	732.090	726.750	727.086	726.414	S[20]
A[7]	233.886	633.079	697.740	698.076	697.508	A[19]
P[8]	285.817	679.460	674.082	674.397	673.725	P[18]
A[9]	289.496	547.040	641.710	642.046	641.374	A[17]
P[10]	321.847	623.370	618.031	618.367	617.695	P[16]
K[11]	364.545	591.019	585.680	586.016	585.344	K[15]
K[12]	421.247	548.321	542.981	543.317	542.646	K[14]
G[13]	440.254	491.619	486.280	486.616	485.944	G[13]
S[14]	483.268	472.612	467.272	467.608	466.937	S[12]
K[15]	525.967	429.508	424.258	424.594	423.922	K[11]
K[16]	568.665	386.900	381.560	381.896	381.224	K[10]
A[17]	592.344	344.201	338.967	339.199	338.526	A[9]
V[18]	625.367	320.522	315.181	315.519	314.847	V[8]
T[19]	673.053	287.499	282.160	282.496	281.824	T[7]
K[20]	715.751	239.813	234.474	234.810	234.138	K[6]
A[21]	739.430	197.115	191.775	192.111	191.439	A[5]
Q[22]	782.116	173.430	168.090	168.432	167.760	Q[4]
K[23]	824.815	130.750	125.410	125.746	125.074	K[3]
K[24]	867.513	88.051	82.712	83.048	82.376	K[2]
D[25]	905.855	45.353	40.013	40.349	39.678	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD (42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	679.889	675.885	0.755	675.633	P[25]
E[2]	61.788	655.626	651.621	0.755	651.370	E[24]
P[3]	86.051	623.366	619.361	0.755	619.109	P[23]
A[4]	103.810	999.102	995.098	0.755	994.845	A[22]
K[5]	135.834	581.343	577.338	577.590	577.086	K[21]
S[6]	157.592	549.319	545.315	545.567	545.063	S[20]
A[7]	173.351	527.563	523.557	523.809	523.305	A[19]
P[8]	199.614	509.802	505.797	506.049	505.545	P[18]
A[9]	217.374	488.539	484.534	484.786	484.282	A[17]
P[10]	241.637	467.780	463.775	464.027	463.523	P[16]
K[11]	273.661	443.516	439.512	439.764	439.260	K[15]
K[12]	316.187	411.493	407.488	407.740	407.236	K[14]
G[13]	330.442	368.968	364.962	365.214	364.710	G[13]
S[14]	362.703	354.711	350.706	350.958	350.454	S[12]
K[15]	394.727	322.450	318.446	318.697	318.194	K[11]
K[16]	426.751	290.426	286.422	286.674	286.170	K[10]
A[17]	444.510	258.403	254.398	254.650	254.146	A[9]
V[18]	469.277	240.641	236.636	236.888	236.383	V[8]
T[19]	505.041	215.878	211.872	212.124	211.620	T[7]
K[20]	537.065	180.112	176.107	176.359	175.855	K[6]
A[21]	554.824	148.088	144.083	144.335	143.831	A[5]
Q[22]	586.839	130.329	126.324	126.576	126.072	Q[4]
K[23]	618.863	98.314	94.309	94.561	94.057	K[3]
K[24]	650.887	66.250	62.246	62.538	62.034	K[2]
D[25]	679.643	34.267	30.262	30.514	30.010	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209.p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P 1	115.987	2716.536	2700.517	0.000	2699.509	P 25
E 2	244.229	2319.483	2303.464	0.000	2302.456	E 24
P 3	341.182	2390.440	2474.422	0.000	2473.414	P 23
A 4	412.219	2391.387	2377.369	0.000	2376.361	A 22
K 5	540.314	2322.350	2306.332	2307.339	2305.334	K 21
S 6	627.346	2194.295	2178.277	2179.284	2177.279	S 20
A 7	698.383	2107.223	2091.205	2092.212	2090.197	A 19
P 8	795.436	2036.366	2020.348	2021.355	2019.348	P 18
A 9	896.473	1939.133	1923.115	1924.123	1922.107	A 17
P 10	963.526	1898.096	1882.078	1883.085	1881.070	P 16
K 11	1091.621	1771.044	1756.026	1756.033	1754.017	K 15
K 12	1261.726	1642.989	1626.970	1627.938	1625.922	K 14
G 13	1318.748	1472.843	1456.824	1457.832	1455.817	G 13
S 14	1447.790	1415.822	1399.803	1400.811	1398.795	S 12
K 15	1574.888	1368.779	1352.761	1353.768	1351.753	K 11
K 16	1703.980	1158.684	1142.665	1143.673	1141.658	K 10
A 17	1775.017	1030.589	1014.570	1015.578	1013.563	A 9
V 18	1874.086	959.552	943.533	944.541	942.525	V 8
T 19	2017.144	860.484	844.465	845.473	843.457	T 7
K 20	2145.239	737.425	721.407	722.414	720.399	K 6
A 21	2216.278	589.330	573.312	574.320	572.304	A 5
Q 22	2344.335	518.293	502.275	503.282	501.267	Q 4
K 23	2472.430	390.235	374.216	375.224	373.208	K 3
K 24	2600.525	262.140	246.121	247.129	245.113	K 2
D 25	2715.552	134.045	118.026	119.034	117.018	D 1

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GS (Acetyl 42.01) KKAVT Acetyl 42.01 KAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
F	1	58.047	1158.771	1350.792	0.504	1350.250	P[25]
E	2	127.569	1310.245	1302.236	0.504	1301.712	E[24]
F	3	191.096	1248.728	1237.714	0.504	1237.210	F[23]
A	4	256.613	1197.197	1189.188	0.504	1188.664	A[22]
K	5	270.681	1161.679	1153.669	1154.173	1153.166	K[21]
S	6	314.177	1097.631	1089.622	1090.126	1089.118	S[20]
A	7	349.695	1054.115	1046.106	1046.610	1045.602	A[19]
F	8	388.222	1018.597	1010.137	1011.641	1010.634	F[18]
A	9	431.740	970.070	962.061	962.565	961.557	A[17]
F	10	482.267	924.552	926.542	927.046	926.039	F[16]
K	11	546.314	886.025	876.016	878.520	877.512	K[15]
K	12	631.367	821.078	813.969	814.473	813.465	K[14]
G	13	659.878	736.025	728.916	729.420	728.412	G[13]
S	14	724.399	708.414	700.405	700.909	699.901	S[12]
K	15	788.446	643.893	633.884	636.388	635.380	K[11]
K	16	852.494	579.846	571.836	572.340	571.332	K[10]
A	17	868.012	515.798	507.789	508.293	507.285	A[9]
V	18	937.547	480.280	472.270	472.774	471.766	V[8]
T	19	1069.676	430.745	422.736	423.240	422.232	T[7]
K	20	1073.123	359.215	351.207	351.711	350.703	K[6]
A	21	1108.642	295.169	287.159	287.663	286.656	A[5]
Q	22	1172.671	239.650	231.641	232.145	231.137	Q[4]
K	23	1236.718	195.621	187.612	188.116	187.108	K[3]
K	24	1300.766	131.574	123.564	124.068	123.060	K[2]
D	25	1358.279	67.528	59.517	60.021	59.013	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	906.183	900.844	0.672	900.508	P[25]
E[2]	82.048	873.832	868.493	0.672	868.157	E[24]
P[3]	114.399	830.818	825.479	0.672	825.143	P[23]
A[4]	138.078	708.467	793.128	0.672	792.792	A[22]
K[5]	180.776	774.788	769.449	769.785	769.113	K[21]
S[6]	209.787	732.090	726.750	727.086	726.414	S[20]
A[7]	233.886	633.079	697.740	698.076	697.398	A[19]
P[8]	285.817	679.460	674.067	674.397	673.725	P[18]
A[9]	289.496	547.040	641.710	642.046	641.374	A[17]
P[10]	321.847	623.370	618.031	618.367	617.695	P[16]
K[11]	364.545	591.019	585.680	586.016	585.344	K[15]
K[12]	421.247	548.321	542.981	543.317	542.646	K[14]
G[13]	440.254	491.619	486.280	486.616	485.944	G[13]
S[14]	483.268	472.612	467.272	467.608	466.937	S[12]
K[15]	525.967	429.598	424.258	424.594	423.922	K[11]
K[16]	568.665	386.900	381.560	381.896	381.224	K[10]
A[17]	592.344	344.201	338.867	339.199	338.526	A[9]
V[18]	626.367	320.522	315.181	315.519	314.847	V[8]
T[19]	673.053	287.499	282.160	282.496	281.824	T[7]
K[20]	715.751	239.813	234.474	234.810	234.138	K[6]
A[21]	739.430	197.115	191.775	192.111	191.439	A[5]
Q[22]	782.116	173.430	168.090	168.432	167.760	Q[4]
K[23]	824.815	130.750	125.410	125.746	125.074	K[3]
K[24]	867.513	88.051	82.712	83.048	82.376	K[2]
D[25]	905.855	45.353	40.013	40.349	39.678	D[1]

sp | P10853 | H2B1F_MOUSE

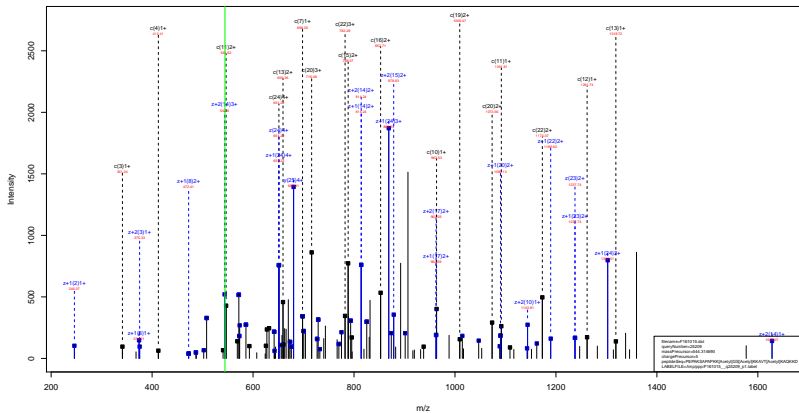
PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD (42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	679.889	675.885	0.755	675.633	P[25]
E[2]	61.788	655.626	651.621	0.755	651.370	E[24]
F[3]	86.051	623.366	619.361	0.755	619.109	F[23]
A[4]	103.810	999.102	995.098	0.755	994.845	A[22]
K[5]	135.834	581.343	577.338	577.590	577.086	K[21]
S[6]	157.592	549.319	545.315	545.567	545.063	S[20]
A[7]	173.351	527.563	523.557	523.809	523.305	A[19]
F[8]	199.614	509.802	505.797	506.049	505.545	F[18]
A[9]	217.374	488.539	484.534	484.786	484.282	A[17]
P[10]	241.637	467.780	463.775	464.027	463.523	P[16]
K[11]	273.661	443.516	439.512	439.764	439.260	K[15]
K[12]	316.187	411.493	407.488	407.740	407.236	K[14]
G[13]	330.442	368.968	364.962	365.214	364.710	G[13]
S[14]	362.703	354.711	350.706	350.958	350.454	S[12]
K[15]	394.727	322.450	318.446	318.697	318.194	K[11]
K[16]	426.751	290.426	286.422	286.674	286.170	K[10]
A[17]	444.510	258.403	254.398	254.650	254.146	A[9]
V[18]	469.277	240.641	236.636	236.887	236.383	V[8]
T[19]	505.041	215.878	211.872	212.124	211.620	T[7]
K[20]	537.065	180.112	176.107	176.359	175.855	K[6]
A[21]	554.824	148.088	144.083	144.335	143.831	A[5]
Q[22]	586.839	130.329	126.324	126.576	126.072	Q[4]
K[23]	618.863	98.314	94.309	94.561	94.057	K[3]
K[24]	650.887	66.290	62.286	62.538	62.034	K[2]
D[25]	679.643	34.267	30.262	30.514	30.010	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK Acetyl GS (Acetyl) KKAQT Acetyl KAQKKD
 42.01 (42.01) 42.01



sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209.p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
P	1	115.987	2716.536	2700.517	0.000	2699.509	P
E	2	244.229	3319.483	3303.464	0.000	3292.456	E
P	3	341.182	3390.440	3474.422	0.000	3473.414	P
A	4	412.219	2391.387	2377.369	0.000	2376.361	A
K	5	540.314	2322.350	2306.332	2307.339	2305.334	K
S	6	627.346	2194.295	2178.277	2179.284	2177.279	S
A	7	698.383	2107.223	2091.205	2092.212	2090.197	A
P	8	795.436	2036.386	2020.368	2021.375	2019.368	P
A	9	896.473	1939.133	1923.115	1924.123	1922.107	A
P	10	963.526	1898.096	1882.078	1883.085	1881.070	P
K	11	1091.621	1771.044	1756.026	1756.033	1754.017	K
K	12	1261.726	1642.949	1626.930	1627.938	1625.922	K
G	13	1318.748	1472.843	1456.824	1457.832	1455.817	G
S	14	1447.790	1415.822	1399.803	1400.811	1398.795	S
K	15	1574.888	1368.779	1352.760	1353.768	1351.753	K
K	16	1703.980	1158.684	1142.665	1143.673	1141.658	K
A	17	1775.017	1030.589	1014.570	1015.578	1013.563	A
V	18	1874.086	959.552	943.533	944.541	942.525	V
T	19	2017.144	860.484	844.465	845.473	843.457	T
K	20	2145.239	737.425	721.407	722.414	720.399	K
A	21	2216.278	589.330	573.312	574.320	572.304	A
Q	22	2344.335	518.293	502.275	503.282	501.267	Q
K	23	2472.430	390.235	374.216	375.224	373.208	K
K	24	2600.525	262.140	246.121	247.129	245.113	K
D	25	2715.552	134.045	118.026	119.034	117.018	D

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
F	1	58.047	1158.771	1150.762	0.504	1150.258	P[28]
E	2	127.568	1110.245	1302.216	0.504	1101.712	E[24]
F	3	191.096	1048.728	1237.714	0.504	1237.210	P[28]
A	4	256.613	1197.197	1189.188	0.504	1188.684	K[22]
K	5	270.681	1161.679	1153.669	1154.173	1153.166	K[21]
S	6	314.177	1097.031	1089.622	1090.126	1089.118	S[20]
A	7	349.695	1054.115	1046.108	1046.610	1045.602	A[19]
F	8	388.222	1018.597	1010.187	1011.191	1010.683	F[18]
A	9	431.740	970.070	962.061	962.565	961.555	A[17]
F	10	482.267	934.552	926.542	927.046	926.039	F[16]
K	11	546.314	886.025	878.016	878.520	877.512	K[15]
K	12	631.367	821.078	813.969	814.473	813.465	K[14]
G	13	659.878	736.025	728.916	729.420	728.412	G[13]
S	14	714.399	708.414	700.405	700.909	699.901	S[12]
K	15	788.446	643.993	635.984	636.988	635.980	K[11]
K	16	852.494	579.846	571.836	572.340	571.332	K[10]
A	17	868.012	515.768	507.760	508.263	507.255	A[9]
V	18	937.547	480.280	472.270	472.774	471.766	V[8]
T	19	1069.076	430.745	422.736	423.240	422.232	T[7]
K	20	1073.123	359.215	351.207	351.711	350.703	K[6]
A	21	1108.642	295.168	287.159	287.663	286.656	A[5]
Q	22	1172.671	239.650	231.641	232.145	231.137	Q[4]
K	23	1236.718	195.621	187.612	188.116	187.108	K[3]
K	24	1300.766	131.574	123.564	124.068	123.060	K[2]
D	25	1358.279	67.528	59.517	60.021	59.013	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	906.183	900.844	0.672	900.508	P[25]
E[2]	82.048	873.832	868.493	0.672	868.157	E[24]
P[3]	114.399	830.818	825.479	0.672	825.143	P[23]
A[4]	138.078	708.467	793.128	0.672	792.792	A[22]
K[5]	180.776	774.788	769.449	769.785	769.113	K[21]
S[6]	209.787	732.090	726.750	727.086	726.414	S[20]
A[7]	233.886	633.079	697.740	698.076	697.508	A[19]
P[8]	285.817	679.460	674.082	674.397	673.725	P[18]
A[9]	289.496	547.040	641.710	642.046	641.374	A[17]
P[10]	321.847	623.370	618.031	618.367	617.695	P[16]
K[11]	364.545	591.019	585.680	586.016	585.344	K[15]
K[12]	421.247	548.321	542.981	543.317	542.646	K[14]
G[13]	440.254	491.619	486.280	486.616	485.944	G[13]
S[14]	483.268	472.612	467.272	467.608	466.937	S[12]
K[15]	525.967	429.508	424.258	424.594	423.922	K[11]
K[16]	568.665	386.900	381.560	381.896	381.224	K[10]
A[17]	592.344	344.201	338.967	339.199	338.526	A[9]
V[18]	626.367	320.522	315.181	315.519	314.847	V[8]
T[19]	673.053	287.499	282.160	282.496	281.824	T[7]
K[20]	715.751	239.813	234.474	234.810	234.138	K[6]
A[21]	739.430	197.115	191.775	192.111	191.439	A[5]
Q[22]	782.116	173.430	168.090	168.432	167.760	Q[4]
K[23]	824.815	130.750	125.410	125.746	125.074	K[3]
K[24]	867.513	88.051	82.712	83.048	82.376	K[2]
D[25]	905.895	45.353	40.013	40.349	39.678	D[1]

sp | P10853 | H2B1F_MOUSE

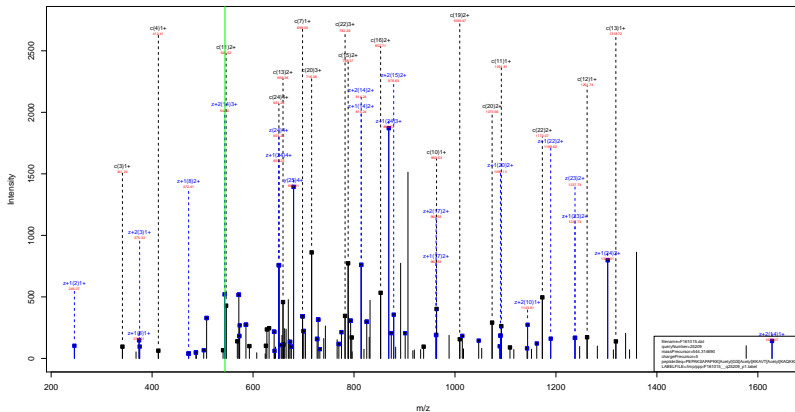
PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD (42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	679.889	675.885	0.755	675.633	P[25]
E[2]	61.788	655.626	651.621	0.755	651.370	E[24]
P[3]	86.051	623.366	619.361	0.755	619.109	P[23]
A[4]	103.810	999.102	995.098	0.755	994.845	A[22]
K[5]	135.834	581.343	577.338	577.590	577.086	K[21]
S[6]	157.592	549.319	545.315	545.567	545.063	S[20]
A[7]	173.351	527.563	523.557	523.809	523.305	A[19]
P[8]	199.614	509.802	505.797	506.049	505.545	P[18]
A[9]	217.374	488.539	484.534	484.786	484.282	A[17]
P[10]	241.637	467.780	463.775	464.027	463.523	P[16]
K[11]	273.661	443.516	439.512	439.764	439.260	K[15]
K[12]	316.187	411.493	407.488	407.740	407.236	K[14]
G[13]	330.442	368.968	364.962	365.214	364.710	G[13]
S[14]	362.703	354.711	350.706	350.958	350.454	S[12]
K[15]	394.727	322.450	318.446	318.697	318.194	K[11]
K[16]	426.751	290.426	286.422	286.674	286.170	K[10]
A[17]	444.510	258.403	254.398	254.650	254.146	A[9]
V[18]	469.277	240.641	236.636	236.891	236.387	V[8]
T[19]	505.041	215.876	211.872	212.124	211.620	T[7]
K[20]	537.065	180.112	176.107	176.359	175.855	K[6]
A[21]	554.824	148.088	144.083	144.335	143.831	A[5]
Q[22]	586.839	130.329	126.324	126.576	126.072	Q[4]
K[23]	618.863	98.314	94.309	94.561	94.057	K[3]
K[24]	650.887	66.290	62.286	62.538	62.034	K[2]
D[25]	679.643	34.267	30.262	30.514	30.010	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK Acetyl GS (Acetyl) KKAVT Acetyl KAQKKD
 42.01 (42.01) 42.01



sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD 42.01

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209.p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
P	1	115.987	2716.536	2700.517	0.000	2699.509	P
E	2	244.229	2319.483	2303.464	0.000	2302.456	E
P	3	341.182	2390.440	2474.422	0.000	2473.414	P
A	4	412.219	2391.387	2377.369	0.000	2376.361	A
K	5	540.314	2322.350	2306.332	2307.339	2305.324	K
S	6	627.346	2194.255	2178.237	2179.244	2177.229	S
A	7	698.383	2107.223	2091.205	2092.212	2090.197	A
P	8	795.436	2036.386	2020.368	2021.375	2019.368	P
A	9	896.473	1939.133	1923.115	1924.123	1922.107	A
P	10	963.526	1998.096	1882.078	1853.085	1851.070	P
K	11	1091.621	1771.044	1756.026	1756.033	1754.017	K
K	12	1261.726	1642.949	1626.930	1627.938	1625.922	K
G	13	1318.748	1472.843	1456.824	1457.832	1455.817	G
S	14	1447.790	1415.822	1399.803	1400.811	1398.795	S
K	15	1574.888	1386.779	1370.761	1371.768	1369.753	K
K	16	1703.980	1158.684	1142.665	1143.673	1141.658	K
A	17	1775.017	1030.589	1014.570	1015.578	1013.563	A
V	18	1874.086	959.552	943.533	944.541	942.525	V
T	19	2017.144	860.484	844.465	845.473	843.457	T
K	20	2145.239	737.425	721.407	722.414	720.399	K
A	21	2216.278	589.330	573.312	574.320	572.304	A
Q	22	2344.325	518.293	502.275	503.282	501.267	Q
K	23	2472.430	390.235	374.216	375.224	373.208	K
K	24	2600.525	262.140	246.121	247.129	245.113	K
D	25	2715.552	134.045	118.026	119.034	117.018	D

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD 42.01

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
F	1	58.047	1158.771	1350.792	0.504	1350.250	P[25]
E	2	127.569	1310.245	1302.236	0.504	1301.712	E[24]
F	3	191.096	1248.728	1237.714	0.504	1237.210	F[23]
A	4	256.613	1197.197	1189.188	0.504	1188.654	A[22]
K	5	270.681	1161.679	1153.669	1154.173	1153.166	K[21]
S	6	314.177	1097.631	1089.622	1090.126	1089.118	S[20]
A	7	349.695	1054.115	1046.106	1046.610	1045.602	A[19]
F	8	388.222	1018.597	1010.137	1011.641	1010.634	F[18]
A	9	431.740	970.070	962.061	962.565	961.557	A[17]
F	10	482.267	924.552	926.542	927.046	926.039	F[16]
K	11	546.314	886.025	878.016	878.520	877.512	K[15]
K	12	631.367	821.978	813.969	814.473	813.465	K[14]
G	13	659.878	736.925	728.916	729.420	728.412	G[13]
S	14	724.399	708.414	700.405	700.909	699.901	S[12]
K	15	788.446	643.893	635.884	636.388	635.380	K[11]
K	16	852.494	579.846	571.836	572.340	571.332	K[10]
A	17	868.012	515.798	507.789	508.293	507.285	A[9]
V	18	937.547	480.280	472.270	472.774	471.766	V[8]
T	19	1069.676	430.745	422.736	423.240	422.232	T[7]
K	20	1073.123	359.215	351.207	351.711	350.703	K[6]
A	21	1108.642	295.169	287.159	287.663	286.656	A[5]
Q	22	1172.671	239.650	231.641	232.145	231.137	Q[4]
K	23	1236.718	195.621	187.612	188.116	187.108	K[3]
K	24	1300.766	131.574	123.564	124.068	123.060	K[2]
D	25	1358.279	67.528	59.517	60.021	59.013	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD 42.01

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	906.183	900.844	0.672	900.508	P[25]
E[2]	82.048	873.832	868.493	0.672	868.157	E[24]
P[3]	114.399	830.818	825.479	0.672	825.143	P[23]
A[4]	138.078	708.467	793.128	0.672	792.792	A[22]
K[5]	180.776	774.788	769.449	769.785	769.113	K[21]
S[6]	209.787	732.090	726.750	727.086	726.414	S[20]
A[7]	233.466	633.079	697.740	698.076	697.408	A[19]
P[8]	285.817	679.440	674.061	674.397	673.725	P[18]
A[9]	289.496	547.040	641.710	642.046	641.374	A[17]
P[10]	321.847	623.370	618.031	618.367	617.695	P[16]
K[11]	364.545	591.019	585.680	586.016	585.344	K[15]
K[12]	421.247	548.321	542.981	543.317	542.646	K[14]
G[13]	440.254	491.619	486.280	486.616	485.944	G[13]
S[14]	483.268	472.612	467.272	467.608	466.937	S[12]
K[15]	525.967	429.508	424.258	424.594	423.922	K[11]
K[16]	568.665	386.900	381.560	381.896	381.224	K[10]
A[17]	592.344	344.201	338.967	339.303	338.626	A[9]
V[18]	626.367	320.522	315.281	315.619	314.947	V[8]
T[19]	673.053	287.499	282.160	282.496	281.824	T[7]
K[20]	715.751	239.813	234.474	234.810	234.138	K[6]
A[21]	739.430	197.115	191.775	192.111	191.439	A[5]
Q[22]	782.116	173.430	168.090	168.432	167.760	Q[4]
K[23]	824.815	130.750	125.410	125.746	125.074	K[3]
K[24]	867.513	88.051	82.712	83.048	82.376	K[2]
D[25]	905.855	45.353	40.013	40.349	39.678	D[1]

sp | P10853 | H2B1F_MOUSE

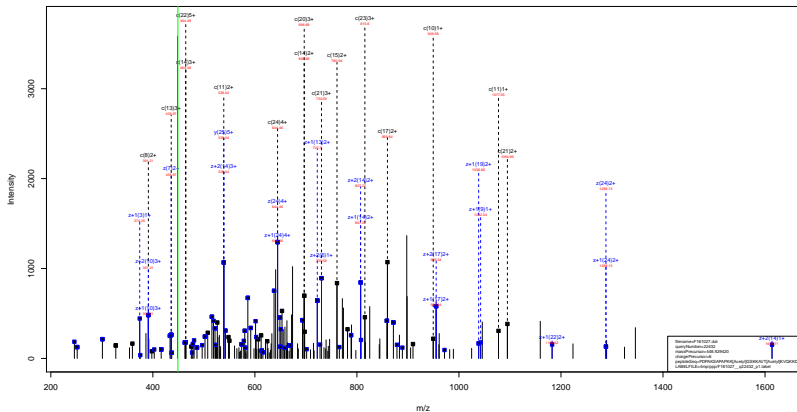
PEPAKSAPAPKK ^{Acetyl}GS (42.01) ^{Acetyl}KKAVT (42.01) ^{Acetyl}KAQKKD (42.01)

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=68.75
- ▶ F161015.dat
- ▶ query=q25209_p1
- ▶ precursor=544.314690
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	679.889	675.885	0.755	675.633	P[25]
E[2]	61.788	655.626	651.621	0.755	651.370	E[24]
P[3]	86.051	623.366	619.361	0.755	619.109	P[23]
A[4]	103.810	999.102	995.098	0.755	994.845	A[22]
K[5]	135.834	581.343	577.338	577.590	577.086	K[21]
S[6]	157.592	549.319	545.315	545.567	545.063	S[20]
A[7]	173.351	527.563	523.557	523.809	523.305	A[19]
P[8]	199.614	509.802	505.797	506.049	505.545	P[18]
A[9]	217.374	488.539	484.534	484.786	484.282	A[17]
P[10]	241.637	467.780	463.775	464.027	463.523	P[16]
K[11]	273.661	443.516	439.512	439.764	439.260	K[15]
K[12]	316.187	411.493	407.488	407.740	407.236	K[14]
G[13]	330.442	368.968	364.962	365.214	364.710	G[13]
S[14]	362.703	354.711	350.706	350.958	350.454	S[12]
K[15]	394.727	322.450	318.446	318.697	318.194	K[11]
K[16]	426.751	290.426	286.422	286.674	286.170	K[10]
A[17]	444.510	258.403	254.398	254.650	254.146	A[9]
V[18]	469.277	240.641	236.636	236.887	236.383	V[8]
T[19]	505.041	215.876	211.872	212.124	211.620	T[7]
K[20]	537.065	180.112	176.107	176.359	175.855	K[6]
A[21]	554.824	148.088	144.083	144.335	143.831	A[5]
Q[22]	586.839	130.329	126.324	126.576	126.072	Q[4]
K[23]	618.863	98.314	94.309	94.561	94.057	K[3]
K[24]	650.887	66.290	62.286	62.538	62.034	K[2]
D[25]	679.643	34.267	30.262	30.514	30.010	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK ^{Acetyl} 42.01 GSKKAVT ^(Acetyl) (42.01) KVQKKD



sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVT ^{Acetyl}_(42.01) KVQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=45.94
- ▶ F161027.dat
- ▶ query=q22432_p1
- ▶ precursor=448.929420
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P 1	115.987	2688.941	2672.522	0.000	2671.514	P 25
D 2	239.114	2391.488	2575.469	0.000	2374.461	D 24
P 3	327.166	2376.461	2460.442	0.000	2459.434	P 23
A 4	398.203	2370.408	2361.389	0.000	2362.382	A 22
K 5	526.298	2308.371	2292.352	2291.360	2291.345	K 21
S 6	613.330	2192.276	2184.257	2185.265	2183.250	S 20
A 7	664.368	2093.244	2077.225	2078.233	2076.218	A 19
P 8	781.420	2032.207	2026.189	2027.196	2025.181	P 18
A 9	852.457	1925.154	1920.135	1918.143	1928.128	A 17
P 10	949.510	1854.117	1838.098	1839.106	1837.091	P 16
K 11	1077.605	1757.064	1741.046	1742.053	1740.038	K 15
K 12	1247.711	1628.909	1612.891	1613.958	1611.943	K 14
G 13	1304.732	1458.804	1442.845	1443.853	1441.837	G 13
S 14	1397.764	1301.842	1385.824	1386.831	1384.815	S 12
K 15	1519.859	1114.810	1298.792	1299.799	1297.784	K 11
K 16	1547.894	1186.715	1170.697	1171.705	1169.689	K 10
A 17	1718.991	1058.620	1042.602	1043.610	1041.594	A 9
V 18	1818.000	987.583	971.565	972.572	970.557	V 8
T 19	1961.118	888.515	872.496	873.504	871.488	T 7
K 20	2009.213	745.541	729.439	720.446	728.430	K 6
V 21	2188.293	617.362	601.343	602.351	600.335	V 5
Q 22	2316.340	518.293	502.275	503.282	501.267	Q 4
K 23	2444.435	390.235	374.216	375.224	373.208	K 3
K 24	2572.530	292.140	248.121	247.129	245.113	K 2
D 25	2687.557	134.045	118.026	119.034	117.018	D 1

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVT ^(Acetyl)_(42.01) KVQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=45.94
- ▶ F161027.dat
- ▶ query=q22432_p1
- ▶ precursor=448.929420
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA		c	y	a+1	a+2	z	AA
P	1	58.047	1344.774	1136.765	0.504	1139.261	P[25]
D	2	119.930	1296.248	1289.238	0.504	1287.734	D[24]
P	3	164.067	1238.134	1230.725	0.504	1233.221	P[23]
A	4	199.605	1190.208	1182.198	0.504	1184.694	A[22]
K	5	263.651	1154.689	1146.680	1147.184	1146.178	K[21]
S	6	307.199	1090.042	1082.632	1083.136	1082.129	S[20]
A	7	342.687	1047.126	1039.116	1039.620	1038.612	A[19]
P	8	391.214	981.589	982.583	984.084	983.596	P[18]
A	9	426.732	953.081	955.071	955.575	954.567	A[17]
P	10	475.259	927.562	919.553	920.057	919.049	P[16]
K	11	519.306	879.036	871.026	871.530	870.523	K[15]
K	12	624.359	814.989	806.979	807.483	806.475	K[14]
G	13	652.870	729.936	721.926	722.430	721.423	G[13]
S	14	696.386	701.425	693.415	693.919	692.912	S[12]
K	15	760.433	657.909	649.899	650.403	649.396	K[11]
K	16	824.481	593.861	585.852	586.356	585.348	K[10]
A	17	859.999	529.814	521.804	522.308	521.301	A[9]
V	18	909.533	494.295	486.286	486.790	485.782	V[8]
T	19	981.063	444.761	436.752	437.256	436.248	T[7]
K	20	1053.107	374.242	366.233	367.247	366.239	K[6]
V	21	1094.644	309.184	301.175	301.679	300.671	V[5]
Q	22	1158.674	259.650	251.641	252.145	251.137	Q[4]
K	23	1222.721	195.621	187.612	188.116	187.108	K[3]
K	24	1286.768	131.574	123.565	124.069	123.060	K[2]
D	25	1344.282	67.526	59.517	60.021	59.013	D[1]

sp | Q64525 | H2B2B_MOUSE

PDKAKSAPAPKK ^{Acetyl}_{42.01} GSKKAVT ^{Acetyl}_(42.01) KVQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=45.94
- ▶ F161027.dat
- ▶ query=q22432.p1
- ▶ precursor=448.929420
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	30.034	996.852	891.512	0.672	891.176	P[25]
D[2]	77.376	864.501	859.161	0.672	858.825	D[24]
P[3]	109.727	826.159	820.819	0.672	820.483	P[23]
A[4]	133.406	793.808	788.468	0.672	788.132	A[22]
K[5]	176.104	770.129	764.789	765.125	764.453	K[21]
S[6]	205.115	727.430	722.091	722.427	721.755	S[20]
A[8]	228.794	698.420	693.080	693.416	692.744	A[19]
P[9]	261.145	674.741	669.401	669.177	669.065	P[18]
A[9]	294.824	642.390	637.050	637.386	636.714	A[17]
P[10]	317.175	618.711	613.371	613.707	613.035	P[16]
K[11]	359.873	586.360	581.020	581.356	580.684	K[15]
K[12]	416.575	543.661	538.322	538.658	537.986	K[14]
G[13]	435.582	486.959	481.620	481.956	481.284	G[13]
S[14]	464.593	467.952	462.613	462.949	462.277	S[12]
K[15]	507.291	438.942	433.602	433.938	433.266	K[11]
K[16]	549.990	396.243	390.904	391.240	390.568	K[10]
A[17]	573.669	353.545	348.207	348.543	347.899	A[9]
V[18]	606.691	329.866	324.528	324.862	324.190	V[8]
T[19]	654.377	296.843	291.504	291.840	291.168	T[7]
K[20]	697.076	249.157	243.817	244.153	243.482	K[6]
V[21]	730.099	206.459	201.119	201.455	200.783	V[5]
Q[22]	772.785	173.436	168.096	168.432	167.760	Q[4]
K[23]	815.483	130.750	125.410	125.746	125.074	K[3]
K[24]	858.181	88.051	82.712	83.048	82.376	K[2]
V[25]	898.524	45.353	40.013	40.349	39.678	V[1]

sp | Q64525 | H2B2B_MOUSE

PDKASAPAPKK ^{Acetyl}42.01 GSKKAVT ^(Acetyl)(42.01) KVQKKD

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=45.94
- ▶ F161027.dat
- ▶ query=q22432.p1
- ▶ precursor=448.929420
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
P	1	29.527	672.891	668.886	0.755	668.634	P[25]
D	2	58.284	648.627	644.623	0.755	644.371	D[24]
P	3	62.547	619.871	615.866	0.755	615.614	P[23]
A	4	100.306	595.608	591.603	0.755	591.351	A[22]
K	5	132.330	577.848	573.844	574.096	573.592	K[21]
S	6	154.088	545.324	541.820	542.072	541.568	S[20]
A	8	173.887	524.066	520.062	520.314	519.210	A[19]
P	9	198.111	508.307	502.303	502.554	502.051	P[18]
A	9	213.870	482.044	478.039	478.291	477.787	A[17]
P	10	238.133	464.285	460.280	460.532	460.028	P[16]
K	11	270.157	440.022	436.017	436.269	435.765	K[15]
K	12	312.683	407.998	403.993	404.245	403.741	K[14]
G	13	326.938	395.471	361.467	361.719	361.215	G[13]
S	14	348.696	351.216	347.211	347.463	346.959	S[12]
K	15	380.720	329.458	325.453	325.705	325.201	K[11]
K	16	412.144	297.435	293.430	293.682	293.178	K[10]
A	17	430.593	285.411	261.406	261.658	261.154	A[9]
V	18	455.770	247.651	243.647	243.899	243.395	V[8]
T	19	491.035	222.684	218.680	219.131	218.628	T[7]
K	20	523.059	187.120	183.115	183.367	182.863	K[6]
V	21	547.826	155.096	151.091	151.343	150.839	V[5]
Q	22	579.840	130.329	126.324	126.576	126.072	Q[4]
K	23	611.864	98.314	94.309	94.561	94.057	K[3]
K	24	643.888	66.290	62.285	62.538	62.034	K[2]
V	25	672.645	34.267	30.262	30.514	30.010	V[1]

sp | Q64525 | H2B2B_MOUSE

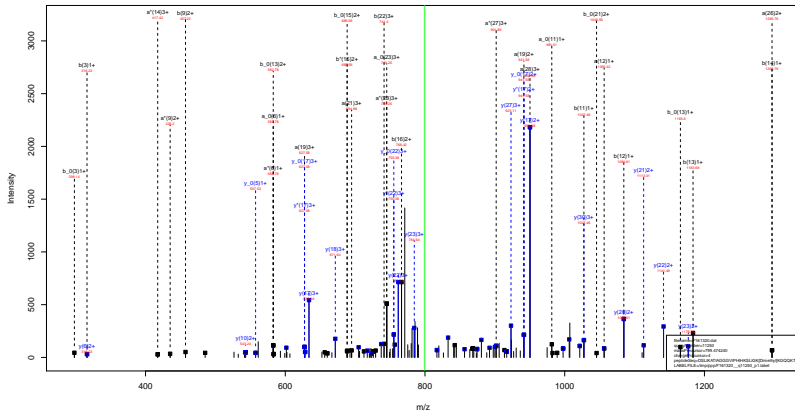
PDKAKSAPAPKK ^{Acetyl}42.01 GSKKAVT ^(Acetyl)(42.01) KVQKKD

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=45.94
- ▶ F161027.dat
- ▶ query=q22432_p1
- ▶ precursor=448.929420
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
P	1	23.623	538.514	535.310	0.806	535.109	P
D	2	46.629	519.103	515.900	0.806	515.698	D
P	3	66.239	496.098	492.894	0.806	492.693	P
A	4	80.447	476.687	473.484	0.806	473.282	A
K	5	106.065	462.480	459.276	459.478	459.075	K
S	6	123.472	436.861	433.657	433.859	433.456	S
A	7	137.679	419.555	416.251	416.452	416.049	A
P	8	157.090	405.247	402.043	402.245	401.842	P
A	9	171.297	389.837	382.631	382.834	382.431	A
P	10	190.708	371.629	368.425	368.627	368.224	P
K	11	216.327	352.219	349.015	349.217	348.813	K
K	12	250.348	326.600	323.396	323.598	323.194	K
G	13	261.752	292.579	289.375	289.576	289.173	G
S	14	279.159	281.174	277.971	278.172	277.769	S
K	15	304.778	263.766	260.564	260.766	260.363	K
K	16	330.397	238.149	234.943	235.147	234.744	K
A	17	344.604	212.530	209.326	209.528	209.125	A
V	18	364.418	198.122	195.110	195.310	194.917	V
T	19	393.029	178.509	175.305	175.507	175.103	T
K	20	418.648	149.897	146.693	146.895	146.492	K
V	21	438.462	124.278	121.074	121.276	120.873	V
Q	22	464.074	104.664	101.261	101.462	101.059	Q
K	23	489.693	78.853	75.649	75.851	75.447	K
K	24	515.312	53.234	50.030	50.232	49.828	K
V	25	538.317	27.615	24.411	24.613	24.209	V

sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLIGK (Dimethyl) KGQQKTA
(28.03)



sp | Q3THW5 | H2AV_MOUSE

DSLKATIAGGGVIPHIHKSLIGK (Dimethyl) KGQQKTA
(28.03)

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=40.14
- ▶ F161320.dat
- ▶ query=q11250.p1
- ▶ precursor=799.474240
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	a	a*	b	b*	y	y*	AA	
D	44.523	0.555	25.523	26.078	49.575	159.730	2588.876	D10
S	88.039	1.055	49.039	50.157	91.051	159.477	2588.424	S10
L	132.054	1.554	73.054	75.712	132.054	160.931	2587.970	L10
I	176.069	2.054	97.069	101.381	176.069	162.785	2587.516	I10
K	220.084	2.553	121.084	126.050	220.084	164.639	2587.062	K10
A	264.099	3.052	145.099	150.719	264.099	166.493	2586.608	A10
T	308.114	3.551	169.114	175.388	308.114	168.347	2586.154	T10
M	352.129	4.050	193.129	200.057	352.129	170.201	2585.700	M10
G	396.144	4.549	217.144	224.726	396.144	172.055	2585.246	G10
C	440.159	5.048	241.159	249.395	440.159	173.909	2584.792	C10
F	484.174	5.547	265.174	274.064	484.174	175.763	2584.338	F10
P	528.189	6.046	289.189	298.733	528.189	177.617	2583.884	P10
Q	572.204	6.545	313.204	323.402	572.204	179.471	2583.430	Q10
N	616.219	7.044	337.219	348.071	616.219	181.325	2582.976	N10
H	660.234	7.543	361.234	372.740	660.234	183.179	2582.522	H10
R	704.249	8.042	385.249	397.409	704.249	185.033	2582.068	R10
Y	748.264	8.541	409.264	422.078	748.264	186.887	2581.614	Y10
V	792.279	9.040	433.279	446.747	792.279	188.741	2581.160	V10
W	836.294	9.539	457.294	471.416	836.294	190.595	2580.706	W10
X	880.309	10.038	481.309	496.085	880.309	192.449	2580.252	X10
Z	924.324	10.537	505.324	520.754	924.324	194.303	2579.798	Z10
J	968.339	11.036	529.339	545.423	968.339	196.157	2579.344	J10
O	1012.354	11.535	553.354	570.092	1012.354	198.011	2578.890	O10
U	1056.369	12.034	577.369	594.761	1056.369	199.865	2578.436	U10
M	1100.384	12.533	601.384	619.430	1100.384	201.719	2577.982	M10
I	1144.399	13.032	625.399	644.099	1144.399	203.573	2577.528	I10
L	1188.414	13.531	649.414	668.768	1188.414	205.427	2577.074	L10
K	1232.429	14.030	673.429	693.437	1232.429	207.281	2576.620	K10
A	1276.444	14.529	697.444	718.106	1276.444	209.135	2576.166	A10
T	1320.459	15.028	721.459	742.775	1320.459	210.989	2575.712	T10
M	1364.474	15.527	745.474	767.444	1364.474	212.843	2575.258	M10
G	1408.489	16.026	769.489	792.113	1408.489	214.697	2574.804	G10
C	1452.504	16.525	793.504	816.782	1452.504	216.551	2574.350	C10
F	1496.519	17.024	817.519	841.451	1496.519	218.405	2573.896	F10
P	1540.534	17.523	841.534	866.120	1540.534	220.259	2573.442	P10
Q	1584.549	18.022	865.549	890.789	1584.549	222.113	2572.988	Q10
N	1628.564	18.521	889.564	915.458	1628.564	223.967	2572.534	N10
H	1672.579	19.020	913.579	940.127	1672.579	225.821	2572.080	H10
R	1716.594	19.519	937.594	964.796	1716.594	227.675	2571.626	R10
Y	1760.609	20.018	961.609	989.465	1760.609	229.529	2571.172	Y10
V	1804.624	20.517	985.624	1014.134	1804.624	231.383	2570.718	V10
W	1848.639	21.016	1009.639	1038.803	1848.639	233.237	2570.264	W10
X	1892.654	21.515	1033.654	1063.472	1892.654	235.091	2569.810	X10
Z	1936.669	22.014	1057.669	1088.141	1936.669	236.945	2569.356	Z10
J	1980.684	22.513	1081.684	1112.810	1980.684	238.799	2568.902	J10
O	2024.699	23.012	1105.699	1137.479	2024.699	240.653	2568.448	O10
U	2068.714	23.511	1129.714	1162.148	2068.714	242.507	2567.994	U10
M	2112.729	24.010	1153.729	1186.817	2112.729	244.361	2567.540	M10
I	2156.744	24.509	1177.744	1211.486	2156.744	246.215	2567.086	I10
L	2200.759	25.008	1201.759	1236.155	2200.759	248.069	2566.632	L10
K	2244.774	25.507	1225.774	1260.824	2244.774	249.923	2566.178	K10
A	2288.789	26.006	1249.789	1285.493	2288.789	251.777	2565.724	A10
T	2332.804	26.505	1273.804	1310.162	2332.804	253.631	2565.270	T10
M	2376.819	27.004	1297.819	1334.831	2376.819	255.485	2564.816	M10
G	2420.834	27.503	1321.834	1359.500	2420.834	257.339	2564.362	G10
C	2464.849	28.002	1345.849	1384.169	2464.849	259.193	2563.908	C10
F	2508.864	28.501	1369.864	1408.838	2508.864	261.047	2563.454	F10
P	2552.879	29.000	1393.879	1433.507	2552.879	262.901	2563.000	P10
Q	2596.894	29.499	1417.894	1458.176	2596.894	264.755	2562.546	Q10
N	2640.909	29.998	1441.909	1482.845	2640.909	266.609	2562.092	N10
H	2684.924	30.497	1465.924	1507.514	2684.924	268.463	2561.638	H10
R	2728.939	30.996	1489.939	1532.183	2728.939	270.317	2561.184	R10
Y	2772.954	31.495	1513.954	1556.852	2772.954	272.171	2560.730	Y10
V	2816.969	31.994	1537.969	1581.521	2816.969	274.025	2560.276	V10
W	2860.984	32.493	1561.984	1606.190	2860.984	275.879	2559.822	W10
X	2904.999	32.992	1585.999	1630.859	2904.999	277.733	2559.368	X10
Z	2949.014	33.491	1609.999	1655.528	2949.014	279.587	2558.914	Z10
J	2993.029	33.990	1634.014	1680.197	2993.029	281.441	2558.460	J10
O	3037.044	34.489	1658.029	1704.866	3037.044	283.295	2558.006	O10
U	3081.059	34.988	1682.044	1729.535	3081.059	285.149	2557.552	U10
M	3125.074	35.487	1706.059	1754.204	3125.074	287.003	2557.098	M10
I	3169.089	35.986	1730.074	1778.873	3169.089	288.857	2556.644	I10
L	3213.104	36.485	1754.089	1803.542	3213.104	290.711	2556.190	L10
K	3257.119	36.984	1778.104	1828.211	3257.119	292.565	2555.736	K10
A	3301.134	37.483	1802.119	1852.880	3301.134	294.419	2555.282	A10
T	3345.149	37.982	1826.134	1877.549	3345.149	296.273	2554.828	T10
M	3389.164	38.481	1850.149	1902.218	3389.164	298.127	2554.374	M10
G	3433.179	38.980	1874.164	1926.887	3433.179	299.981	2553.920	G10
C	3477.194	39.479	1898.179	1951.556	3477.194	301.835	2553.466	C10
F	3521.209	39.978	1922.194	1976.225	3521.209	303.689	2553.012	F10
P	3565.224	40.477	1946.209	2000.894	3565.224	305.543	2552.558	P10
Q	3609.239	40.976	1970.224	2025.563	3609.239	307.397	2552.104	Q10
N	3653.254	41.475	1994.239	2050.232	3653.254	309.251	2551.650	N10
H	3697.269	41.974	2018.254	2074.901	3697.269	311.105	2551.196	H10
R	3741.284	42.473	2042.269	2100.570	3741.284	312.959	2550.742	R10
Y	3785.299	42.972	2066.284	2126.239	3785.299	314.813	2550.288	Y10
V	3829.314	43.471	2090.299	2151.908	3829.314	316.667	2549.834	V10
W	3873.329	43.970	2114.314	2177.577	3873.329	318.521	2549.380	W10
X	3917.344	44.469	2138.329	2203.246	3917.344	320.375	2548.926	X10
Z	3961.359	44.968	2162.344	2228.915	3961.359	322.229	2548.472	Z10
J	4005.374	45.467	2186.359	2254.584	4005.374	324.083	2548.018	J10
O	4049.389	45.966	2210.374	2280.253	4049.389	325.937	2547.564	O10
U	4093.404	46.465	2234.389	2305.922	4093.404	327.791	2547.110	U10
M	4137.419	46.964	2258.404	2331.591	4137.419	329.645	2546.656	M10
I	4181.434	47.463	2282.419	2357.260	4181.434	331.499	2546.202	I10
L	4225.449	47.962	2306.434	2382.929	4225.449	333.353	2545.748	L10
K	4269.464	48.461	2330.449	2408.598	4269.464	335.207	2545.294	K10
A	4313.479	48.960	2354.464	2434.267	4313.479	337.061	2544.840	A10
T	4357.494	49.459	2378.479	2459.936	4357.494	338.915	2544.386	T10
M	4401.509	49.958	2402.494	2485.605	4401.509	340.769	2543.932	M10
G	4445.524	50.457	2426.509	2511.274	4445.524	342.623	2543.478	G10
C	4489.539	50.956	2450.524	2536.943	4489.539	344.477	2543.024	C10
F	4533.554	51.455	2474.539	2562.612	4533.554	346.331	2542.570	F10
P	4577.569	51.954	2498.554	2588.281	4577.569	348.185	2542.116	P10
Q	4621.584	52.453	2522.569	2613.950	4621.584	350.039	2541.662	Q10
N	4665.599	52.952	2546.584	2639.619	4665.599	351.893	2541.208	N10
H	4709.614	53.451	2570.599	2665.288	4709.614	353.747	2540.754	H10
R	4753.629	53.950	2594.614	2690.957	4753.629	355.601	2540.300	R10
Y	4797.644	54.449	2618.629	2716.626	4797.644	357.455	2539.846	Y10
V	4841.659	54.948	2642.644	2742.295	4841.659	359.309	2539.392	V10
W	4885.674	55.447	2666.659	2767.964	4885.674	361.163	2538.938	W10
X	4929.689	55.946	2690.674	2793.633	4929.689	363.017	2538.484	X10
Z	4973.704	56.445	2714.689	2819.302	4973.704	364.871	2538.030	Z10
J	5017.719	56.944	2738.704	2844.971	5017.719	366.725	2537.576	J10
O	5061.734	57.443	2762.719	2870.640	5061.734	368.579	2537.122	O10
U	5105.749	57.942	2786.734	289				

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVT Acetyl 42.01 KAQQK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=62.51
- ▶ F161320.dat
- ▶ query=q9789_p1
- ▶ precursor=651.132730
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
F	1	115.087	2601.909	2585.490	0.000	2684.480	P[24]
E	2	264.129	2504.456	2488.437	0.000	2487.420	E[23]
F	3	341.160	2175.413	2159.395	0.000	2158.387	F[22]
A	4	412.219	2078.361	2062.342	0.000	2061.334	A[21]
K	5	540.314	2007.323	2191.305	2192.313	2190.297	K[20]
S	6	627.346	2079.228	2063.210	2064.218	2062.202	S[19]
A	7	698.383	1992.196	1976.178	1977.186	1975.170	A[18]
F	8	795.436	1921.159	1905.141	1906.148	1904.131	F[17]
A	9	867.473	1834.107	1818.088	1819.096	1817.080	A[16]
T	10	963.526	1753.069	1737.051	1738.059	1736.044	T[15]
K	11	1091.621	1676.017	1639.998	1641.006	1638.990	K[14]
K	12	1261.726	1527.922	1511.903	1512.911	1510.895	K[13]
G	13	1318.748	1357.816	1341.797	1342.805	1340.790	G[12]
S	14	1446.780	1300.795	1284.776	1285.784	1283.768	S[11]
K	15	1575.885	1213.743	1197.724	1198.732	1196.716	K[10]
K	16	1703.920	1043.657	1027.638	1028.646	1026.631	K[9]
A	17	1775.017	915.562	899.543	900.551	898.536	A[8]
V	18	1874.086	844.525	828.508	829.514	827.499	V[7]
T	19	2017.144	745.457	729.438	730.446	728.430	T[6]
K	20	2145.230	662.396	646.378	647.386	645.372	K[5]
A	21	2216.276	474.303	458.285	459.293	457.277	A[4]
Q	22	2344.336	403.266	387.248	388.255	386.240	Q[3]
K	23	2472.430	275.200	259.189	260.197	258.181	K[2]
K	24	2600.525	147.113	131.094	132.102	130.086	K[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=62.51
- ▶ F161320.dat
- ▶ query=q9789_p1
- ▶ precursor=651.132730
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	1301.958	1293.249	0.504	1292.745	P[24]
E[2]	122.568	1252.732	1244.722	0.504	1244.218	E[23]
P[3]	171.095	1198.210	1192.200	0.504	1191.697	P[22]
A[4]	398.613	1139.684	1131.675	0.504	1131.171	A[21]
K[5]	270.561	1104.165	1096.155	1096.660	1095.652	K[20]
S[6]	314.177	1040.118	1032.109	1032.612	1031.605	S[19]
A[7]	349.695	996.602	988.592	989.696	988.089	A[18]
P[8]	398.222	961.083	953.074	953.578	952.570	P[17]
A[9]	433.740	912.597	904.548	905.051	904.043	A[16]
T[10]	482.267	877.036	869.027	869.533	868.525	T[15]
K[11]	546.314	828.512	820.503	821.007	819.999	K[14]
K[12]	631.367	764.464	756.455	756.959	755.951	K[13]
G[13]	659.878	679.412	671.402	671.906	670.898	G[12]
S[14]	703.394	650.901	642.892	643.396	642.388	S[11]
K[15]	783.440	607.385	599.376	599.880	598.872	K[10]
K[16]	852.494	562.332	554.323	554.827	553.820	K[9]
A[17]	888.012	458.285	450.275	450.779	449.771	A[8]
V[18]	937.547	422.766	414.757	415.261	414.253	V[7]
T[19]	1009.076	373.232	365.223	365.727	364.719	T[6]
K[20]	1073.123	301.703	293.693	294.197	293.190	K[5]
A[21]	1108.642	237.655	229.646	230.150	229.143	A[4]
Q[22]	1172.671	202.137	194.127	194.631	193.624	Q[3]
K[23]	1236.718	138.108	130.098	130.602	129.594	K[2]
K[24]	1300.766	74.060	66.051	66.555	65.547	K[1]

sp | P10853 | H2B1F_MOUSE

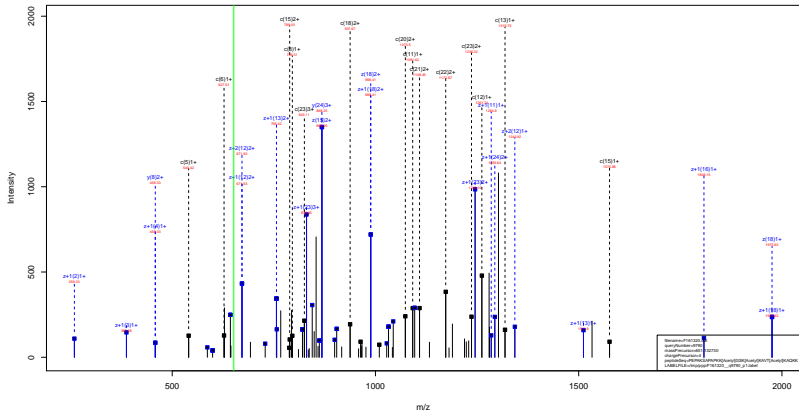
PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=62.51
- ▶ F161320.dat
- ▶ query=q9789_p1
- ▶ precursor=651.132730
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	99.034	867.841	862.501	0.672	862.166	P[24]
E[2]	82.048	835.490	830.151	0.672	829.815	E[23]
P[3]	114.999	792.476	787.136	0.672	786.800	P[22]
A[4]	138.078	760.125	754.785	0.672	754.450	A[21]
K[5]	180.776	736.446	731.106	731.442	730.770	K[20]
S[6]	209.787	693.748	688.408	688.744	688.072	S[19]
A[7]	233.466	664.737	659.397	659.733	659.061	A[18]
P[8]	265.817	641.056	635.716	636.054	635.382	P[17]
A[9]	289.496	608.707	603.367	603.703	603.032	A[16]
P[10]	321.247	586.026	579.686	580.024	579.352	P[15]
K[11]	364.545	552.677	547.337	547.673	547.002	K[14]
K[12]	421.247	509.979	504.639	504.975	504.303	K[13]
G[13]	440.284	483.277	447.937	448.273	447.601	G[12]
S[14]	469.265	434.270	438.930	439.266	438.594	S[11]
K[15]	525.967	405.259	399.920	400.255	399.584	K[10]
K[16]	568.665	348.557	343.218	343.554	342.882	K[9]
A[17]	592.344	305.859	300.519	300.855	300.183	A[8]
V[18]	625.367	282.180	276.840	277.176	276.504	V[7]
T[19]	673.053	249.157	243.817	244.153	243.482	T[6]
K[20]	715.751	201.471	196.131	196.467	195.795	K[5]
A[21]	759.430	158.773	153.433	153.769	153.097	A[4]
Q[22]	762.116	135.094	129.754	130.090	129.418	Q[3]
K[23]	824.815	92.407	87.068	87.404	86.732	K[2]
K[24]	867.513	49.709	44.370	44.705	44.034	K[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVT Acetyl 42.01 KAQKK



sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK Acetyl 42.01 GSK Acetyl 42.01 KAVT Acetyl 42.01 KAQQK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=63.42
- ▶ F161320.dat
- ▶ query=q9790_p1
- ▶ precursor=651.132730
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA	
F	1	145.087	2601.909	2585.490	0.000	2684.480	P[24]
E	2	264.129	2504.456	2488.437	0.000	2487.420	E[23]
F	3	341.160	2175.413	2159.395	0.000	2158.387	F[22]
A	4	412.239	2078.361	2062.342	0.000	2061.334	A[21]
K	5	540.314	2007.323	2191.305	2102.313	2190.297	K[20]
S	6	627.346	2079.228	2063.210	2064.218	2062.202	S[19]
A	7	698.383	1992.196	1976.178	1977.186	1975.170	A[18]
F	8	795.436	1921.159	1905.141	1906.148	1904.131	F[17]
A	9	867.477	1834.107	1808.088	1809.096	1807.080	A[16]
T	10	963.526	1753.069	1737.051	1738.059	1736.041	T[15]
K	11	1091.621	1676.017	1639.998	1641.006	1638.990	K[14]
K	12	1261.726	1527.922	1511.903	1512.911	1510.895	K[13]
G	13	1318.748	1357.816	1341.797	1342.805	1340.790	G[12]
S	14	1405.790	1300.795	1284.776	1285.784	1283.768	S[11]
K	15	1575.885	1213.743	1197.724	1198.732	1196.716	K[10]
K	16	1301.950	1043.657	1027.638	1028.646	1026.631	K[9]
A	17	1775.017	915.562	899.543	900.551	898.536	A[8]
V	18	1874.086	844.525	828.508	829.514	827.499	V[7]
T	19	2017.144	745.457	729.438	730.446	728.430	T[6]
K	20	2145.230	602.398	586.380	587.388	585.372	K[5]
A	21	2218.276	474.333	458.285	459.293	457.277	A[4]
Q	22	2344.336	403.266	387.248	388.255	386.240	Q[3]
K	23	2472.430	275.200	259.189	260.197	258.181	K[2]
K	24	2600.525	147.113	131.094	132.102	130.886	K[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=63.42
- ▶ F161320.dat
- ▶ query=q9790_p1
- ▶ precursor=651.132730
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	1301.958	1293.249	0.504	1292.745	P[24]
E[2]	122.568	1252.732	1244.722	0.504	1244.218	E[23]
P[3]	171.095	1188.210	1188.201	0.504	1179.697	P[22]
A[4]	398.613	1139.684	1133.675	0.504	1133.171	A[21]
K[5]	270.561	1104.165	1096.156	1096.660	1095.652	K[20]
S[6]	314.177	1040.118	1032.109	1032.612	1031.605	S[19]
A[7]	349.605	996.602	988.592	989.606	988.089	A[18]
P[8]	398.222	961.083	953.074	953.578	952.570	P[17]
A[9]	433.740	912.597	904.548	905.051	905.043	A[16]
P[10]	482.267	877.936	869.927	869.513	868.525	P[15]
K[11]	546.314	828.512	820.503	821.007	819.999	K[14]
K[12]	631.367	764.464	756.455	756.959	755.951	K[13]
G[13]	659.878	679.412	671.402	671.906	670.898	G[12]
S[14]	703.394	650.901	642.892	643.396	642.388	S[11]
K[15]	788.446	601.385	593.376	593.880	590.872	K[10]
K[16]	852.494	527.132	517.361	514.859	512.357	K[9]
A[17]	888.012	458.285	450.275	450.779	449.771	A[8]
V[18]	937.547	422.766	414.757	415.261	414.253	V[7]
T[19]	1009.076	373.232	365.223	365.727	364.719	T[6]
K[20]	1073.123	301.703	293.693	294.197	293.190	K[5]
A[21]	1108.642	237.655	229.646	230.150	229.142	A[4]
Q[22]	1172.671	202.137	194.127	194.631	193.623	Q[3]
K[23]	1236.718	138.108	130.098	130.602	129.594	K[2]
K[24]	1300.766	74.060	66.051	66.555	65.547	K[1]

sp | P10853 | H2B1F_MOUSE

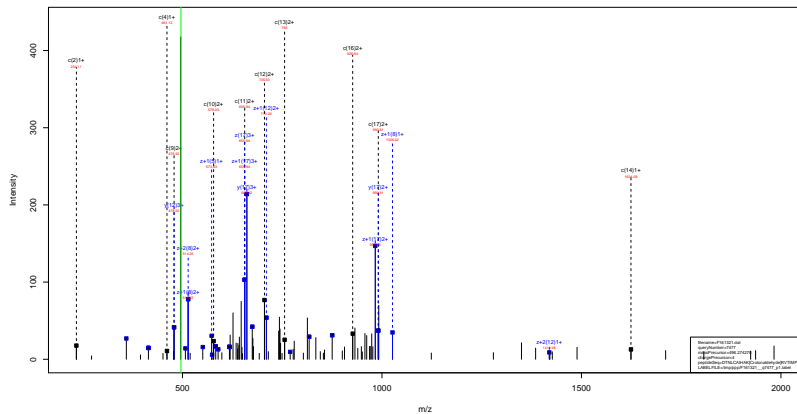
PEPAKSAPAPKK ^{Acetyl}42.01 GSK ^{Acetyl}42.01 KAVT ^{Acetyl}42.01 KAQKK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=63.42
- ▶ F161320.dat
- ▶ query=q9790_p1
- ▶ precursor=651.132730
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	89.034	867.841	862.501	0.672	862.166	P[24]
E[2]	82.048	835.490	830.151	0.672	829.815	E[23]
P[3]	114.999	792.476	787.136	0.672	786.800	P[22]
A[4]	138.078	760.125	754.785	0.672	754.450	A[21]
K[5]	180.776	736.446	731.106	731.442	730.770	K[20]
S[6]	209.787	693.748	688.408	688.744	688.072	S[19]
A[7]	233.466	664.737	659.397	659.733	659.061	A[18]
P[8]	265.817	641.056	635.716	636.054	635.382	P[17]
A[9]	289.496	608.707	603.367	603.703	603.032	A[16]
P[10]	321.847	586.026	579.686	580.024	579.352	P[15]
K[11]	364.545	552.677	547.337	547.673	547.002	K[14]
K[12]	421.247	509.979	504.639	504.975	504.303	K[13]
G[13]	440.284	483.277	447.937	448.273	447.601	G[12]
S[14]	469.265	434.270	438.930	439.266	438.594	S[11]
K[15]	525.967	405.259	399.920	400.255	399.584	K[10]
K[16]	568.665	348.557	343.218	343.554	342.882	K[9]
A[17]	592.344	305.859	300.519	300.855	300.183	A[8]
V[18]	625.367	282.180	276.840	277.176	276.504	V[7]
T[19]	673.053	249.157	243.817	244.153	243.482	T[6]
K[20]	715.751	201.471	196.131	196.467	195.795	K[5]
A[21]	759.430	158.773	153.433	153.769	153.097	A[4]
Q[22]	782.116	135.094	129.754	130.090	129.418	Q[3]
K[23]	824.815	92.407	87.068	87.404	86.732	K[2]
K[24]	867.513	49.709	44.370	44.705	44.034	K[1]

sp | P84228 | H32_MOUSE

DTNLCAIHAk Crotonaldehyde RVTIMPK
70.04



sp | P84228 | H32_MOUSE

DTNLCAIHAH Crotonaldehyde
70.04 RVTIMPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.76
- ▶ F161321.dat
- ▶ query=q7477.p1
- ▶ precursor=496.274270
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z=1	z=2	z	AA
D	1	111.951	1981.072	1965.053	0.000	1964.046	D
T	2	234.108	1866.945	1850.926	0.000	1849.919	T
N	3	348.151	1764.995	1748.979	1749.987	1747.971	N
L	4	461.235	1650.955	1634.936	1635.944	1633.928	L
C	5	564.245	1537.971	1521.950	1522.960	1520.944	C
A	6	635.262	1434.961	1418.943	1419.850	1417.835	A
H	7	748.268	1363.824	1347.805	1348.813	1346.798	H
W	8	889.425	1250.740	1234.721	1235.729	1233.714	W
A	9	956.462	1113.681	1097.663	1098.670	1096.655	A
K	10	1154.599	1042.644	1026.625	1027.633	1025.618	K
R	11	1310.705	844.507	828.489	829.496	827.481	R
V	12	1409.768	688.400	672.387	673.395	671.380	V
I	13	1509.838	509.338	573.319	574.327	572.311	I
I	14	1623.908	488.290	472.271	473.279	471.264	I
M	15	1754.040	375.255	359.187	360.195	358.180	M
P	16	1851.993	244.166	228.147	229.155	227.139	P
K	17	1980.888	147.113	131.094	132.102	130.088	K

sp | P84228 | H32_MOUSE

DTNLCAIHAK ^{Crotonaldehyde} 70.04 RVTIMPK

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=30.76
- ▶ F161321.dat
- ▶ query=q7477.p1
- ▶ precursor=496.274270
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
D[1]	67.034	991.040	981.030	0.504	982.526	D[17]
Y[2]	117.558	933.526	925.517	0.504	925.013	Y[16]
N[3]	174.579	883.002	874.993	875.497	874.489	N[15]
L[4]	231.121	825.981	817.972	818.475	817.468	L[14]
C[5]	282.626	769.439	761.430	761.933	760.926	C[13]
A[6]	318.145	717.934	709.925	710.429	709.421	A[12]
V[7]	374.687	662.415	674.406	674.910	673.903	V[11]
H[8]	431.216	628.874	617.864	618.368	617.360	H[10]
A[9]	478.735	557.344	549.335	549.839	548.831	A[9]
K[10]	577.803	521.828	513.816	514.320	513.312	K[8]
R[11]	655.854	422.757	414.748	415.252	414.244	R[7]
V[12]	705.388	344.707	336.697	337.201	336.193	V[6]
Y[13]	755.912	295.173	287.163	287.667	286.659	Y[5]
T[14]	812.454	244.649	236.639	237.143	236.135	T[4]
M[15]	877.974	188.107	180.097	180.601	179.593	M[3]
P[16]	926.300	122.585	114.577	115.081	114.073	P[2]
K[17]	990.548	74.060	66.051	66.555	65.547	K[1]

sp | P84228 | H32_MOUSE

DTNLCAIHAK ^{Crotonaldehyde} 70.04 RVTIMPK

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=30.76
- ▶ F161321.dat
- ▶ query=q7477.p1
- ▶ precursor=496.274270
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
D[1]	48.025	661.029	655.689	0.672	655.353	D[17]
T[2]	78.708	622.687	617.347	0.672	617.011	T[16]
N[3]	116.722	589.004	583.664	584.000	583.329	N[15]
L[4]	154.417	550.990	545.650	545.986	545.314	L[14]
C[5]	188.753	513.295	507.955	508.291	507.620	C[13]
A[6]	212.432	478.959	473.619	473.955	473.285	A[12]
T[7]	250.227	439.262	434.980	435.216	434.544	T[11]
H[8]	289.513	417.585	412.245	412.581	411.909	H[10]
A[9]	319.492	371.899	366.559	366.895	366.223	A[9]
K[10]	385.538	348.220	342.880	343.216	342.544	K[8]
R[11]	437.571	282.174	276.834	277.170	276.498	R[7]
V[12]	470.584	230.140	224.801	225.137	224.465	V[6]
T[13]	504.277	197.117	191.778	192.114	191.442	T[5]
I[14]	541.971	163.435	158.095	158.431	157.759	I[4]
M[15]	585.652	125.740	120.401	120.737	120.065	M[3]
P[16]	618.003	82.060	76.720	77.056	76.385	P[2]
K[17]	650.701	49.709	44.370	44.705	44.034	K[1]

sp | P62806 | H4_MOUSE

SGRGK^{Propionyl}_{56.03} GGKGLGKGGAKRHR^{Methyl}_{14.02} KVLK^{Methyl}_{14.02}

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.40
- ▶ F161321.dat
- ▶ query=q9194_p1
- ▶ precursor=350.219390
- ▶ chargePrecursor=7
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	2444.481	2428.472	0.000	2427.464	S[23]
G[2]	162.087	2307.459	2341.440	0.000	2340.432	G[22]
R[3]	318.188	2300.437	2284.419	2285.427	2283.411	R[21]
G[4]	375.210	2144.336	2128.318	2129.326	2127.310	G[20]
K[5]	529.311	2087.315	2071.298	2072.304	2070.288	K[19]
G[6]	616.353	1953.196	1887.175	1888.183	1886.167	G[18]
G[7]	673.374	1846.172	1830.153	1831.161	1829.146	G[17]
K[8]	801.469	1789.151	1773.132	1774.140	1772.124	K[16]
G[9]	858.490	1661.050	1645.037	1646.045	1644.029	G[15]
L[10]	971.574	1604.034	1588.016	1589.023	1587.008	L[14]
G[11]	1028.596	1490.950	1474.932	1475.939	1473.924	G[13]
K[12]	1150.691	1433.929	1417.910	1418.918	1416.902	K[12]
G[13]	1213.712	1325.834	1289.815	1290.823	1288.807	G[11]
G[14]	1276.734	1248.812	1232.794	1233.801	1231.786	G[10]
A[15]	1341.771	1191.791	1175.772	1176.780	1174.764	A[9]
K[16]	1409.806	1120.754	1104.735	1105.743	1103.727	K[8]
R[17]	1625.967	992.659	976.640	977.648	975.632	R[7]
H[18]	1763.026	836.558	820.539	821.547	819.531	H[6]
R[19]	1833.143	699.499	683.480	684.488	682.472	R[5]
K[20]	2003.238	529.363	513.363	514.371	512.355	K[4]
V[21]	2160.309	401.287	385.268	386.276	384.261	V[3]
L[22]	2273.390	302.219	286.200	287.208	285.192	L[2]
R[23]	2443.507	189.135	173.116	174.124	172.108	R[1]

sp | P62806 | H4_MOUSE

SGRGK^{Propionyl} 56.03 GKGKLGKGGAKRHR^{Methyl} 14.02 KVLK^{Methyl} 14.02

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.40
- ▶ F161321.dat
- ▶ query=q9194_p1
- ▶ precursor=350.219390
- ▶ chargePrecursor=7
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	1222.749	1214.740	0.504	1214.236	S[23]
G[2]	81.547	1179.233	1171.224	0.504	1170.720	G[22]
R[3]	159.598	1150.722	1142.713	1143.217	1142.209	R[21]
G[4]	188.109	1072.672	1064.662	1065.166	1064.159	G[20]
K[5]	260.199	1004.161	1009.152	1020.656	1029.643	K[19]
G[6]	308.690	952.100	944.091	944.595	943.587	G[18]
G[7]	337.191	923.590	915.580	916.084	915.078	G[17]
K[8]	401.238	895.079	887.070	887.574	886.568	K[16]
G[9]	429.749	831.632	823.622	823.526	822.519	G[15]
L[10]	486.201	802.521	794.511	795.015	794.009	L[14]
G[11]	514.802	745.979	737.969	738.473	737.465	G[13]
R[12]	575.849	717.468	709.457	709.963	708.957	R[12]
G[13]	607.360	653.421	645.411	645.915	644.907	G[11]
G[14]	635.871	624.910	616.900	617.404	616.397	G[10]
A[15]	671.389	596.399	588.390	588.894	587.886	A[9]
K[16]	735.437	569.881	552.871	553.375	552.367	K[8]
R[17]	813.697	496.833	488.824	489.328	488.320	R[7]
R[18]	882.017	418.782	410.773	411.277	410.269	R[6]
R[19]	967.678	359.253	342.244	342.748	341.740	R[5]
K[20]	1031.122	285.195	277.185	277.689	276.681	K[4]
V[21]	1080.657	201.147	193.138	193.642	192.634	V[3]
L[22]	1137.199	151.613	143.604	144.108	143.100	L[2]
R[23]	1222.257	95.071	87.062	87.565	86.558	R[1]

sp | P62806 | H4_MOUSE

SGRGK^{Propionyl}_{56.03} GKGKLGKGGAKRHR^{Methyl}_{14.02} KVLK^{Methyl}_{14.02}

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=39.40
- ▶ F161321.dat
- ▶ query=q9194_p1
- ▶ precursor=350.219390
- ▶ chargePrecursor=7
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
S	[1]	35.693	815.502	810.162	0.672	809.826	S[23]
G	[2]	54.701	786.491	781.152	0.672	780.816	G[22]
R	[3]	106.734	757.464	762.143	762.880	761.808	R[21]
G	[4]	129.741	719.490	710.111	710.447	709.775	G[20]
K	[5]	187.115	696.443	691.104	691.240	690.768	K[19]
G	[6]	206.122	635.069	629.730	630.066	629.394	G[18]
G	[7]	225.130	616.062	610.723	611.059	610.387	G[17]
K	[8]	267.826	597.055	591.716	592.051	591.380	K[16]
G	[9]	286.835	554.357	549.017	549.353	548.681	G[15]
L	[10]	324.530	535.350	530.010	530.346	529.674	L[14]
G	[11]	343.537	497.655	492.315	492.651	491.979	G[13]
K	[12]	386.235	478.648	473.308	473.644	472.972	K[12]
G	[13]	405.242	435.949	430.610	430.946	430.274	G[11]
G	[14]	424.249	416.942	411.603	411.939	411.267	G[10]
A	[15]	447.929	397.935	392.596	392.932	392.260	A[9]
K	[16]	490.627	374.256	368.917	369.252	368.581	K[8]
R	[17]	542.661	351.558	326.218	326.554	325.882	R[7]
H	[18]	588.347	279.524	274.185	274.520	273.849	H[6]
R	[19]	645.052	233.838	228.498	228.834	228.162	R[5]
K	[20]	687.751	177.132	171.793	172.129	171.457	K[4]
V	[21]	720.774	134.434	129.094	129.430	128.758	V[3]
L	[22]	758.866	101.911	96.573	96.907	96.236	L[2]
K	[23]	815.174	83.710	78.371	78.713	78.041	K[1]

sp | P62806 | H4_MOUSE

SGRGK^{Propionyl}_{56.03} GKGKLGKGGAKRHR^{Methyl}_{14.02} KVLK^{Methyl}_{14.02}

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=39.40
- ▶ F161321.dat
- ▶ query=q9194_p1
- ▶ precursor=350.219390
- ▶ chargePrecursor=7
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
S	[1]	27.022	611.878	607.874	0.755	607.622	S[23]
G	[2]	41.277	590.120	585.113	0.755	585.864	G[22]
R	[3]	80.303	575.965	571.860	572.112	571.608	R[21]
G	[4]	94.558	536.840	532.833	533.087	532.583	G[20]
K	[5]	140.588	522.584	518.579	518.831	518.328	K[19]
G	[6]	154.844	476.554	472.549	472.801	472.297	G[18]
G	[7]	169.099	462.299	458.294	458.546	458.042	G[17]
K	[8]	201.123	448.043	444.038	444.290	443.787	K[16]
G	[9]	215.378	416.019	412.015	412.267	411.763	G[15]
L	[10]	243.649	401.764	397.759	398.011	397.507	L[14]
G	[11]	257.904	373.493	369.488	369.740	369.236	G[13]
K	[12]	289.928	359.238	355.233	355.485	354.981	K[12]
G	[13]	304.184	327.214	323.209	323.461	322.957	G[11]
G	[14]	318.439	312.959	308.954	309.206	308.702	G[10]
A	[15]	336.198	298.703	294.698	294.950	294.447	A[9]
K	[16]	368.222	280.944	276.939	277.191	276.687	K[8]
R	[17]	407.247	248.920	244.915	245.167	244.664	R[7]
H	[18]	441.512	209.895	205.890	206.142	205.638	H[6]
R	[19]	484.041	175.630	171.625	171.877	171.374	R[5]
K	[20]	516.065	133.101	129.096	129.348	128.844	K[4]
V	[21]	840.832	101.077	97.073	97.325	96.821	V[9]
L	[22]	569.103	76.310	72.305	72.557	72.053	L[8]
R	[23]	611.632	48.039	44.034	44.286	43.782	R[1]

sp | P62806 | H4_MOUSE

SGRGK^{Propionyl}_{56.03} GGKGLGKGGAKRHR^{Methyl}_{14.02} KVLRR^{Methyl}_{14.02}

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=39.40
- ▶ F161321.dat
- ▶ query=q9194_p1
- ▶ precursor=350.219390
- ▶ chargePrecursor=7
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
S[1]		21.819	489.704	486.500	0.806	486.299	S[2]
G[2]		33.223	472.298	469.094	0.806	468.892	G[2]
E[3]		64.444	460.893	457.689	457.891	457.488	R[2]
G[4]		75.988	429.673	426.469	426.671	426.268	G[25]
K[5]		112.672	418.265	415.065	415.267	414.863	K[19]
G[6]		124.076	381.445	378.241	378.442	378.039	G[18]
G[7]		135.481	370.040	366.837	367.038	366.635	G[17]
K[8]		161.100	358.636	355.432	355.634	355.231	K[16]
G[9]		172.504	333.017	329.813	330.015	329.612	G[15]
L[10]		195.121	321.613	318.409	318.611	318.207	L[14]
G[11]		206.525	298.996	295.792	295.994	295.591	G[13]
K[12]		232.144	287.592	284.388	284.589	284.186	K[12]
G[13]		243.548	281.973	278.769	278.970	278.567	G[11]
G[14]		254.953	250.568	247.363	247.565	247.163	G[10]
A[15]		269.160	239.164	235.960	236.162	235.759	A[9]
K[16]		294.779	224.957	221.753	221.954	221.551	K[8]
R[17]		325.999	199.338	196.134	196.335	195.932	R[7]
H[18]		353.411	168.117	164.914	165.115	164.712	H[6]
R[19]		387.434	140.706	137.502	137.703	137.300	R[5]
K[20]		413.053	106.682	103.478	103.680	103.277	K[4]
V[21]		432.867	81.063	77.859	78.061	77.658	V[9]
L[22]		433.868	61.250	58.046	58.247	57.844	L[9]
R[23]		489.507	38.633	35.429	35.631	35.227	R[1]

sp | P62806 | H4_MOUSE

SGRGK^{Propionyl}_{56.03} GGKGLGKGGAKRHR^{Methyl}_{14.02} KVLRR^{Methyl}_{14.02}

- ▶ fragmentation table for charge state 6+
- ▶ specType=etd
- ▶ score=39.40
- ▶ F161321.dat
- ▶ query=q9194_p1
- ▶ precursor=350.219390
- ▶ chargePrecursor=7
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	18.350	408.255	405.585	0.839	405.417	S[23]
G[2]	27.854	393.749	391.079	0.839	390.911	G[22]
R[3]	53.971	358.246	351.516	351.744	351.408	R[21]
G[4]	63.174	358.229	355.539	355.727	355.391	G[20]
K[5]	94.063	348.725	348.055	346.273	345.987	K[19]
G[6]	103.565	318.038	315.369	315.537	315.201	G[18]
G[7]	113.068	308.535	305.865	306.033	305.697	G[17]
K[8]	134.418	299.031	296.361	296.529	296.193	K[16]
G[9]	143.921	277.682	275.012	275.180	274.844	G[15]
L[10]	162.768	268.178	265.509	265.677	265.341	L[14]
G[11]	172.272	249.331	246.661	246.829	246.493	G[13]
K[12]	193.621	239.826	237.156	237.326	236.990	K[12]
G[13]	203.125	218.478	215.809	215.977	215.641	G[11]
G[14]	212.628	208.975	206.305	206.473	206.137	G[10]
A[15]	224.468	199.471	196.801	196.969	196.633	A[9]
K[16]	245.817	187.632	184.962	185.130	184.794	K[8]
R[17]	271.834	166.283	163.613	163.781	163.445	R[7]
H[18]	294.677	140.266	137.596	137.764	137.428	H[6]
R[19]	323.030	117.423	114.753	114.921	114.585	R[5]
K[20]	344.379	89.070	86.400	86.568	86.232	K[4]
V[21]	360.890	67.721	65.051	65.219	64.883	V[3]
L[22]	378.738	51.209	48.539	48.707	48.371	L[2]
R[23]	408.091	32.362	29.692	29.860	29.524	R[1]

sp | P10922 | H10_MOUSE

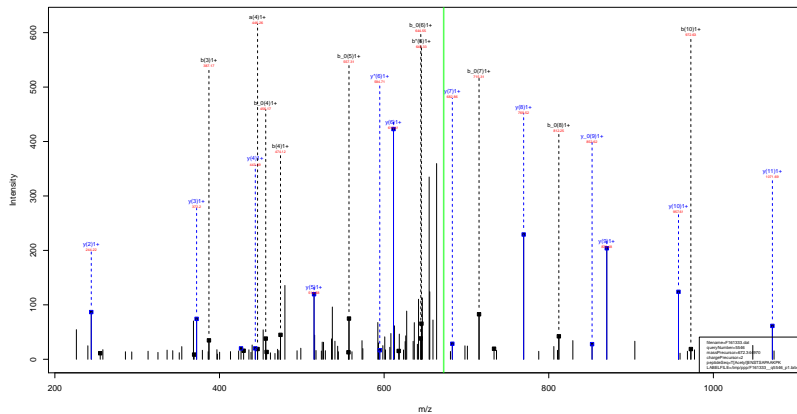
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- ▶ score=38.84
- ▶ F161333.dat
- ▶ query=q5544_p1
- ▶ precursor=672.343990
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
E[1]	116.071	0.000	46.066	144.066	0.000	146.066	116.071	116.071	0.000	E[12]
E[2]	245.113	0.000	227.103	272.108	0.000	280.103	245.113	118.010	118.011	E[12]
T[S]	370.156	321.150	149.146	307.151	309.146	328.140	1071.573	1054.551	689.569	T[S]
S[4]	446.188	429.182	426.173	474.181	457.157	456.173	957.536	940.515	698.526	S[10]
T[5]	547.228	520.209	520.200	575.211	558.204	557.220	678.568	661.476	662.504	T[10]
S[6]	618.270	611.261	610.250	662.263	645.236	644.251	769.497	752.416	753.448	S[10]
A[7]	705.312	698.273	697.250	731.300	716.273	715.289	681.425	665.390	666.421	A[7]
P[8]	802.358	795.313	794.340	810.313	811.307	812.342	811.368	798.300	800.316	P[8]
A[9]	873.395	865.360	865.360	890.360	894.360	895.373	514.335	497.305	500.340	A[9]
A[10]	944.432	937.420	936.411	972.427	976.420	976.413	441.290	426.271	428.287	A[10]
R[11]	1012.507	1005.500	1054.516	1058.507	1060.496	1060.511	372.261	355.234	358.260	R[11]
P[12]	1189.548	1183.531	1181.580	1197.575	1189.548	1179.561	244.166	227.138	230.165	P[12]
R[13]	1287.575	1280.548	1278.588	1326.575	1308.543	1307.559	147.111	130.088	133.115	R[13]

sp | P10922 | H10_MOUSE

[Acetyl]TENSTSAPAAKPK



sp | P10922 | H10_MOUSE

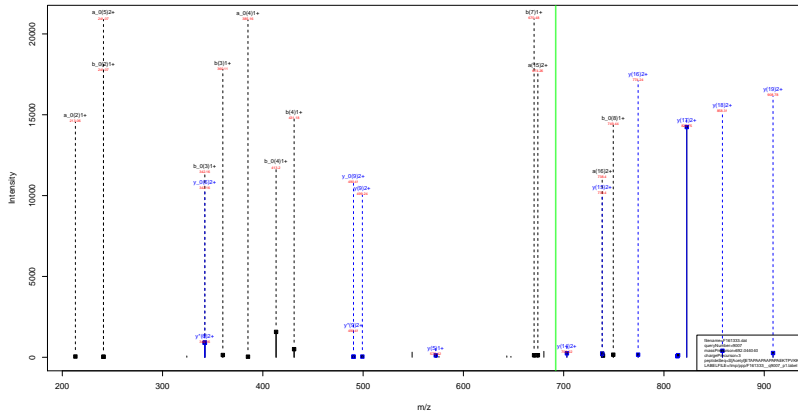
[Acetyl]TENSTSAPAAKPK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=64.67
- ▶ F161333.dat
- ▶ query=q5546_p1
- ▶ precursor=672.344970
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	a ₀	b	b*	b ₀	y	y*	y ₀	AA
T	148.071	0.000	98.090	144.066	0.000	439.090	1343.690	1329.694	1325.670	T
E	245.111	0.000	227.103	232.108	0.000	255.096	3200.692	3183.508	3182.611	E
T	290.216	0.013	163.149	189.151	0.013	300.190	1071.579	1069.555	1069.566	T
S	446.188	420.182	426.176	474.183	457.157	456.173	957.576	945.510	939.526	S
T	247.216	0.000	129.220	125.211	0.000	357.220	870.504	862.470	852.464	T
S	134.208	617.241	130.201	126.200	0.000	645.236	644.232	760.497	752.476	S
A	705.209	650.215	687.204	733.200	716.213	715.200	682.425	685.106	679.000	A
P	802.404	683.401	786.401	800.403	811.400	812.342	611.580	594.361	600.000	P
A	672.345	626.348	605.354	661.349	664.353	663.340	514.335	491.400	490.000	A
A	494.414	471.403	459.404	472.427	470.402	464.403	441.398	426.271	420.000	A
R	1127.527	1055.520	1054.518	1100.522	1061.406	1050.511	372.261	362.234	350.000	R
P	1130.580	1103.573	1113.569	1107.576	1130.548	1126.564	244.166	227.130	220.000	P
K	1207.615	1200.608	1210.604	1225.610	1208.642	1207.630	147.113	130.000	0.000	K

sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKK



sp | P43274 | H14_MOUSE

[Acetyl]SETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=46.08
- ▶ F161333.dat
- ▶ query=q9007_p1
- ▶ precursor=692.04404
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	a	a'	a Δ	b	b'	b Δ	y	y'	y Δ	AA
S[1]	1327.656	0.000	68.646	1.00000	0.000	112.039	2074.111	2009.069	2084.107	S[2]
E[2]	1231.588	0.000	213.087	2.00000	0.000	341.082	1845.073	1926.044	1927.065	E[3]
T[3]	1124.614	0.000	141.172	3.00000	0.000	242.130	1638.031	1799.089	1766.022	T[4]
A[4]	930.552	0.000	385.172	431.177	0.000	413.187	1314.958	1697.058	1686.974	A[5]
P[5]	800.470	0.000	487.225	529.220	0.000	511.219	1043.040	1626.923	1624.937	P[6]
A[6]	671.472	0.000	543.262	669.267	0.000	681.267	1026.985	1529.889	1528.898	A[7]
A[7]	644.389	0.000	626.260	676.304	0.000	692.304	1176.920	1428.811	1427.814	A[8]
P[8]	738.362	0.000	721.352	767.357	0.000	749.346	1434.822	1367.744	1366.810	P[9]
A[9]	632.369	0.000	782.350	834.354	0.000	825.354	1327.760	1256.742	1260.718	A[10]
A[10]	608.406	0.000	881.428	939.433	0.000	897.433	1228.671	1219.789	1218.726	A[11]
P[11]	678.469	0.000	980.479	1035.485	0.000	1048.473	1105.604	1148.587	1147.583	P[12]
A[12]	604.626	0.000	1031.510	1097.521	0.000	1099.511	1068.641	1051.619	1050.611	A[13]
P[13]	1146.579	0.000	1120.560	1174.574	0.000	1156.565	987.602	988.579	979.593	P[14]
A[14]	1117.616	0.000	1168.600	1246.613	0.000	1227.608	909.599	989.576	982.541	A[15]
E[15]	1146.659	0.000	1126.640	1174.654	0.000	1166.643	820.534	812.488	811.504	E[17]
K[16]	1174.714	1827.727	1456.741	1520.749	1826.722	1484.733	810.479	813.449	802.611	K[18]
T[17]	1175.811	1828.712	1457.781	1521.789	1826.716	1485.785	572.317	589.789	584.688	T[19]
P[18]	1192.854	1835.826	1474.841	1530.849	1833.822	1502.838	471.932	454.262	453.000	P[20]
V[19]	1171.822	1834.809	1474.812	1529.811	1832.801	1481.807	374.285	367.260	366.000	V[21]
K[20]	1000.017	1882.001	1882.000	1828.012	1810.989	1810.003	275.200	268.181	0.000	K[22]
K[21]	2038.112	2011.008	2039.110	2056.101	2039.083	2038.097	147.113	430.088	0.000	K[23]

sp | P43274 | H14_MOUSE

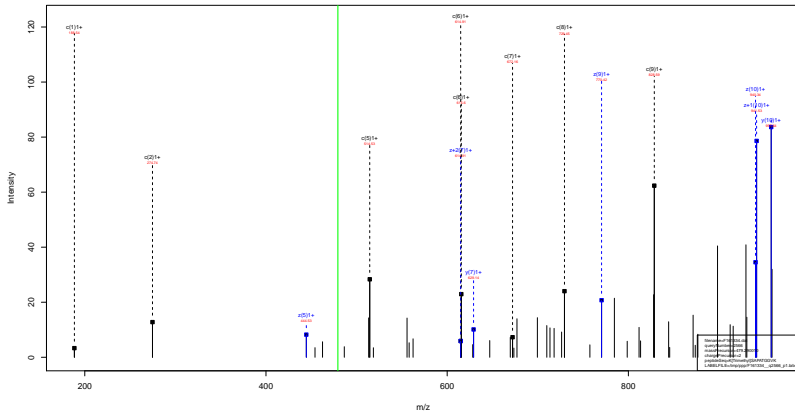
[Acetyl]SETAPAAPAAPAPAEKTPVKK

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=46.08
- ▶ F161333.dat
- ▶ query=q9007_p1
- ▶ precursor=692.044040
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA
S[1]	91.631	0.504	42.520	89.929	0.504	98.923	3737.958	3009.048	3328.597	S(2)
E[2]	11.12.162	0.504	197.047	133.050	0.504	171.053	373.243	984.528	104.132	E(2)
T[3]	168.076	0.504	187.911	189.374	0.504	172.968	908.530	999.001	999.001	T(3)
A[4]	200.095	0.504	193.050	215.062	0.504	207.081	857.996	948.481	948.481	A(2)
P[5]	290.611	0.504	241.616	304.619	0.504	295.613	822.470	813.964	813.472	P(17)
A[6]	288.040	0.504	217.134	305.137	0.504	291.134	773.951	788.438	784.948	A(16)
A[7]	177.058	0.504	112.051	139.056	0.504	126.058	710.433	729.919	729.919	A(15)
P[8]	170.185	0.504	391.179	384.182	0.504	375.177	702.914	694.403	691.909	P(14)
A[9]	192.163	0.504	186.660	412.162	0.504	411.658	654.328	645.814	645.322	A(13)
A[10]	144.222	0.504	412.211	409.214	0.504	409.214	638.809	638.799	639.804	A(12)
P(11)	299.748	0.504	480.741	507.748	0.504	494.746	593.251	574.937	574.347	P(11)
A(12)	670.267	0.504	116.261	339.264	0.504	339.269	538.624	538.311	525.819	A(10)
P(13)	673.791	0.504	584.793	587.791	0.504	579.793	490.306	490.792	490.300	P(6)
A(14)	698.313	0.504	600.309	623.309	0.504	614.304	423.779	424.266	441.774	A(8)
E(2)	673.833	0.504	694.828	687.833	0.504	679.825	415.252	408.747	408.251	E(7)
R(16)	737.880	0.504	728.873	711.876	0.504	712.873	391.731	342.236	341.734	R(6)
T(17)	86.048	0.504	719.041	702.044	0.504	702.044	381.619	378.179	377.684	T(8)
P(18)	876.014	0.504	827.025	859.025	0.504	841.023	236.120	227.605	227.605	P(4)
R(19)	880.482	0.504	877.480	909.482	0.504	891.481	187.642	178.131	178.131	R(5)
K(20)	930.512	0.504	941.507	984.513	0.504	965.507	165.305	136.130	136.044	K(2)
K(21)	1014.568	0.504	1008.561	1028.563	0.504	1019.563	74.989	69.341	69.341	K(3)

sp | P84228 | H32_MOUSE

K Trimethyl SAPATGGVK
42.05



sp | P84228 | H32_MOUSE

K^{Trimethyl} 42.05 SAPATGGVK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.45
- ▶ F161334.dat
- ▶ query=q2566.p1
- ▶ precursor=479.290010
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
R[1]	188.176	957.573	941.554	942.562	940.546	R[10]
S[2]	275.208	787.451	771.432	772.420	770.404	S[9]
A[3]	346.245	700.399	684.380	685.388	683.372	A[8]
P[4]	443.290	629.362	613.343	614.351	612.335	P[7]
A[5]	514.335	532.309	516.290	517.298	515.282	A[6]
T[6]	615.382	461.272	445.253	446.261	444.245	T[5]
G[7]	672.404	360.224	344.205	345.213	343.198	G[4]
G[8]	729.425	303.203	287.183	288.192	286.176	G[3]
V[9]	828.494	246.181	230.162	231.170	229.155	V[2]
R[10]	926.539	147.113	131.094	132.102	130.086	R[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAK ^{Propionyl}_{56.03} RHRKVLK ^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=54.98
- ▶ F161995.dat
- ▶ query=q24858.p1
- ▶ precursor=439.260330
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
S	1	147.076	2629.533	2633.505	0.000	2612.497	S ₂₄
G	2	224.596	2500.481	2484.462	0.000	2483.454	G ₂₃
H	3	366.199	2443.459	2427.441	2629.448	2428.433	H ₂₂
G	4	417.220	2287.358	2271.339	2272.347	2270.332	G ₂₁
K	5	545.315	2230.337	2214.318	2215.326	2213.310	K ₂₀
G	6	602.337	2102.242	2086.223	2087.231	2085.215	G ₁₉
G	7	659.358	2045.220	2029.202	2030.209	2028.194	G ₁₈
K	8	829.464	1988.199	1972.180	1973.188	1971.172	K ₁₇
G	9	886.485	1831.093	1815.075	1816.082	1814.067	G ₁₆
L	10	939.509	1783.072	1767.053	1768.061	1766.045	L ₁₅
G	11	1056.591	1647.958	1631.939	1632.977	1630.963	G ₁₄
K	12	1184.688	1590.968	1574.948	1575.955	1573.940	K ₁₃
G	13	1241.707	1462.871	1446.853	1447.860	1445.845	G ₁₂
G	14	1298.729	1405.850	1389.831	1390.839	1388.823	G ₁₁
A	15	1369.766	1348.828	1332.810	1333.818	1331.802	A ₁₀
K	16	1513.887	1277.792	1261.773	1262.780	1260.765	K ₉
R	17	1709.988	1093.670	1077.653	1078.659	1076.644	R ₈
H	18	1847.047	937.569	921.550	922.558	920.542	H ₇
R	19	2003.148	800.510	784.491	785.499	783.484	R ₆
K	20	2131.243	644.409	628.390	629.398	627.382	K ₅
V	21	2230.312	516.314	500.295	501.303	499.287	V ₄
L	22	2343.396	417.346	401.227	402.235	400.219	L ₃
I	23	2513.512	304.103	288.014	289.021	287.014	I ₂
D	24	2628.539	134.045	118.026	119.034	117.018	D ₁

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAK^{Propionyl}_{56.03} RHRKVL^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=54.98
- ▶ F161995.dat
- ▶ query=q24858_p1
- ▶ precursor=439.260330
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	74.042	1315.205	1307.250	0.504	1306.752	S[24]
G[2]	102.553	1250.744	1242.735		1242.231	G[23]
R[3]	180.603	1222.213	1214.224	1214.728	1213.720	R[22]
G[4]	269.114	1144.183	1136.173	1136.677	1135.669	G[21]
K[5]	273.161	1115.672	1107.663	1108.167	1107.159	K[20]
G[6]	301.672	1051.625	1043.615	1044.119	1043.111	G[19]
G[7]	330.183	1023.114	1015.104	1015.608	1014.601	G[18]
K[8]	415.236	994.603	986.594	987.098	986.090	K[17]
G[9]	443.746	909.550	901.541	902.045	901.037	G[16]
L[10]	509.288	881.540	873.030	873.534	872.526	L[15]
G[11]	528.799	824.498	816.488	816.992	815.984	G[14]
K[12]	592.847	795.987	787.977	788.481	787.474	K[13]
G[13]	621.357	731.939	723.930	724.434	723.426	G[12]
G[14]	649.868	703.420	695.419	695.923	694.915	G[11]
A[15]	685.387	674.918	666.908	667.412	666.405	A[10]
R[16]	774.899	639.399	631.390	631.894	630.886	R[9]
R[17]	855.498	547.339	539.329	539.833	538.825	R[8]
H[18]	824.027	469.288	461.279	461.783	460.775	H[7]
R[19]	1002.078	400.750	392.749	393.253	392.245	R[6]
K[20]	1066.125	322.700	314.699	315.203	314.195	K[5]
V[21]	1115.659	250.661	240.651	241.155	240.147	V[4]
L[22]	1112.893	209.129	201.117	201.621	200.613	L[3]
R[23]	1257.260	152.584	144.575	145.079	144.071	R[2]
D[24]	1314.773	67.526	59.517	60.021	59.013	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAK ^{Propionyl}_{56.03} RHRKVL R ^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=54.98
- ▶ F161995.dat
- ▶ query=q24858.p1
- ▶ precursor=439.260330
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	49.697	877.179	871.840	0.672	871.904	S[24]
G[2]	56.704	934.165	828.826	0.672	828.490	G[23]
R[3]	120.738	815.158	809.819	810.154	809.482	R[22]
G[4]	139.745	763.124	757.785	758.121	757.449	G[21]
K[5]	182.443	744.117	738.778	739.113	738.442	K[20]
G[6]	201.450	701.419	696.079	696.415	695.743	G[19]
G[7]	220.458	682.412	677.072	677.408	676.736	G[18]
K[8]	277.159	663.404	658.065	658.401	657.729	K[17]
G[9]	296.167	636.793	601.363	601.699	601.027	G[16]
L[10]	333.681	587.695	582.356	582.692	582.020	L[15]
G[11]	352.688	550.001	544.661	544.997	544.325	G[14]
K[12]	395.567	530.994	525.654	525.990	525.318	K[13]
G[13]	414.574	488.295	482.956	483.292	482.620	G[12]
G[14]	433.581	469.288	463.949	464.285	463.613	G[11]
A[15]	457.260	450.281	444.941	445.277	444.605	A[10]
K[16]	518.634	426.602	421.262	421.598	420.926	K[9]
R[17]	570.668	365.226	359.889	360.225	359.553	R[8]
H[18]	616.354	313.195	307.855	308.191	307.519	H[7]
R[19]	668.388	297.508	292.169	292.505	291.833	R[6]
K[20]	711.086	215.475	210.135	210.471	209.799	K[5]
V[21]	744.109	172.776	167.437	167.773	167.101	V[4]
L[22]	781.803	139.753	134.414	134.750	134.078	L[3]
R[23]	838.509	102.059	96.719	97.055	96.383	R[2]
D[24]	876.851	45.353	40.014	40.349	39.678	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK ^{Acetyl}_{42.01} GLGKGGAK ^{Propionyl}_{56.03} RHRKVLK ^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=54.98
- ▶ F161995.dat
- ▶ query=q24858.p1
- ▶ precursor=439.260330
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	37.525	658.136	654.137	0.795	653.880	S[24]
G[2]	51.780	625.876	621.871	0.795	621.619	G[23]
R[3]	90.805	611.620	607.616	607.868	607.364	R[22]
G[4]	105.061	572.595	568.590	568.842	568.338	G[21]
K[5]	137.084	598.340	554.335	554.587	554.083	K[20]
G[6]	151.340	526.316	522.311	522.563	522.059	G[19]
G[7]	165.595	512.061	508.056	508.308	507.804	G[18]
K[8]	208.121	497.805	493.800	494.052	493.549	K[17]
G[9]	222.377	456.279	452.274	453.526	453.022	G[16]
L[10]	250.048	441.023	437.019	437.271	436.767	L[15]
G[11]	294.903	417.752	408.748	409.000	408.496	G[14]
K[12]	296.927	398.497	394.492	394.744	394.240	K[13]
G[13]	311.182	366.473	362.469	362.721	362.217	G[12]
G[14]	325.438	352.218	348.213	348.465	347.961	G[11]
A[15]	343.197	337.963	333.958	334.210	333.706	A[10]
K[16]	389.227	320.203	316.199	316.451	315.947	K[9]
R[17]	438.252	274.173	270.168	270.420	269.916	R[8]
H[18]	462.517	235.148	231.143	231.395	230.891	H[7]
R[19]	501.543	200.883	196.878	197.130	196.626	R[6]
K[20]	533.566	161.858	157.853	158.105	157.601	K[5]
V[21]	558.333	129.834	125.829	126.081	125.577	V[4]
L[22]	586.604	105.067	101.062	101.314	100.810	L[3]
R[23]	629.134	76.796	72.791	73.043	72.539	R[2]
D[24]	657.890	34.267	30.262	30.514	30.010	D[1]

sp | P62806 | H4_MOUSE

[Acetyl]SGRGKGGK^{Acetyl}_{42.01} GLGKGGAK^{Propionyl}_{56.03} RHRKVL^{Methyl}_{14.02} D

- ▶ fragmentation table for charge state 5+
- ▶ specType=etd
- ▶ score=54.98
- ▶ F161995.dat
- ▶ query=q24858.p1
- ▶ precursor=439.260330
- ▶ chargePrecursor=6
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	30.221	526.710	523.507	0.806	523.105	S[24]
G[2]	41.625	500.902	497.698	0.806	497.497	G[23]
R[3]	72.846	489.488	486.294	486.495	486.092	R[22]
G[4]	84.250	458.277	455.074	455.275	454.872	G[21]
K[5]	109.889	446.873	443.669	443.871	443.468	K[20]
G[6]	121.273	421.254	418.050	418.252	417.849	G[19]
G[7]	132.677	409.850	406.646	406.848	406.445	G[18]
K[8]	166.699	388.446	385.242	385.443	385.040	K[17]
G[9]	178.103	384.928	381.723	381.922	381.519	G[16]
L[10]	200.720	353.020	349.816	350.018	349.615	L[15]
G[11]	212.124	330.403	327.200	327.401	326.998	G[14]
K[12]	237.743	318.999	315.795	315.997	315.594	K[13]
G[13]	249.147	293.380	290.176	290.378	289.975	G[12]
G[14]	260.552	281.976	278.772	278.974	278.570	G[11]
A[15]	274.759	270.572	267.368	267.569	267.166	A[10]
K[16]	311.583	256.364	253.160	253.362	252.959	K[9]
R[17]	342.803	219.340	216.136	216.338	216.135	R[8]
H[18]	370.215	188.320	185.116	185.317	184.914	H[7]
R[19]	401.435	160.908	157.704	157.906	157.503	R[6]
K[20]	427.054	129.685	126.481	126.685	126.282	K[5]
V[21]	446.868	104.069	100.865	101.066	100.663	V[4]
L[22]	469.485	84.255	81.051	81.253	80.850	L[3]
R[23]	503.508	61.638	58.434	58.636	58.233	R[2]
D[24]	509.514	27.615	24.411	24.613	24.209	D[1]

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKKGSKKAVT ^{Acetyl} 42.01 KAQKKD

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=38.80
- ▶ F161995.dat
- ▶ query=q24865_p1
- ▶ precursor=658.880980
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P1	115.087	2632.514	2616.495	0.000	2615.485	P25
E2	244.229	2329.452	2313.443	0.000	2312.433	E24
P3	341.182	2405.419	2390.400	0.000	2389.391	P23
A4	412.219	2309.366	2293.348	0.000	2292.340	A22
K5	540.314	2238.329	2222.311	2223.318	2221.301	K21
S6	627.346	2110.234	2094.216	2095.223	2093.208	S20
A7	866.363	2021.202	2007.184	2008.191	2006.176	A19
P8	795.436	1952.159	1936.146	1937.154	1935.139	P18
A9	866.473	1855.112	1839.094	1840.101	1838.086	A17
P10	963.526	1784.075	1768.057	1769.064	1767.049	P16
K11	1061.621	1687.022	1671.004	1672.012	1669.996	K15
K12	1219.716	1558.020	1542.000	1543.017	1541.001	K14
Q13	2276.737	1420.233	1414.214	1415.222	1413.206	Q13
S14	1363.769	1373.811	1357.793	1358.800	1356.785	S12
K15	1491.864	1286.770	1270.760	1271.768	1269.751	K11
K16	1619.959	1158.684	1142.665	1143.673	1141.658	K10
A17	1690.996	1030.589	1014.570	1015.578	1013.563	A9
V18	1790.065	959.527	953.507	944.541	942.525	V8
T19	1833.223	886.465	844.465	845.473	843.457	T17
K20	2001.218	717.425	701.407	702.414	700.399	K6
A21	2132.255	589.330	573.312	574.320	572.304	A5
Q22	2260.314	518.291	502.275	503.282	501.267	Q4
K23	2388.409	390.235	374.216	375.224	373.209	K3
K24	2516.504	262.140	246.121	247.129	245.113	K2
E25	2631.530	134.045	118.026	119.034	117.018	E1

sp | P10853 | H2B1F_MOUSE

PEPAKSAPAPKKGSKKAVT ^{Acetyl} 42.01 KAQKKD

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=38.80
- ▶ F161995.dat
- ▶ query=q24865_p1
- ▶ precursor=658.880980
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P 1	58.647	1316.761	1308.752	0.504	1308.246	P 25
E 3	132.586	1306.234	1296.225	0.504	1295.721	E 24
P 3	171.095	1203.713	1195.704	0.504	1195.200	P 23
A 4	206.613	1195.187	1147.177	0.504	1146.674	A 22
K 5	270.661	1119.666	1111.659	1112.163	1111.155	K 21
S 6	314.177	1065.621	1047.611	1048.115	1047.107	S 20
A 7	349.695	1012.105	1004.095	1004.599	1003.591	A 19
P 8	389.222	976.566	966.557	966.061	968.073	P 18
A 9	433.740	928.060	920.050	920.554	919.547	A 17
P 10	482.267	892.541	884.532	885.036	884.028	P 16
K 11	566.314	844.015	836.006	836.509	835.502	K 15
K 12	610.362	779.967	771.958	772.462	771.454	K 14
Q 13	638.872	735.940	707.931	706.934	707.400	Q 13
S 14	692.388	687.409	679.400	678.904	678.396	S 12
K 15	746.436	643.093	635.084	636.588	635.580	K 11
K 16	810.483	579.846	571.836	572.340	571.332	K 10
A 17	866.002	515.788	507.789	508.293	507.285	A 9
V 18	895.536	480.280	472.270	472.774	471.766	V 9
T 19	967.065	430.745	422.736	423.240	422.232	T 7
K 20	1031.113	359.218	351.207	351.711	350.703	K 6
A 21	1066.631	295.169	287.159	287.663	286.656	A 5
Q 22	1130.660	269.650	251.641	252.145	251.137	Q 4
K 23	1194.708	195.621	187.612	188.116	187.108	K 3
K 24	1258.755	131.574	123.564	124.068	123.060	K 2
E 25	1316.269	87.526	88.531	88.021	89.013	E 1

sp | P10853 | H2B1F_MOUSE

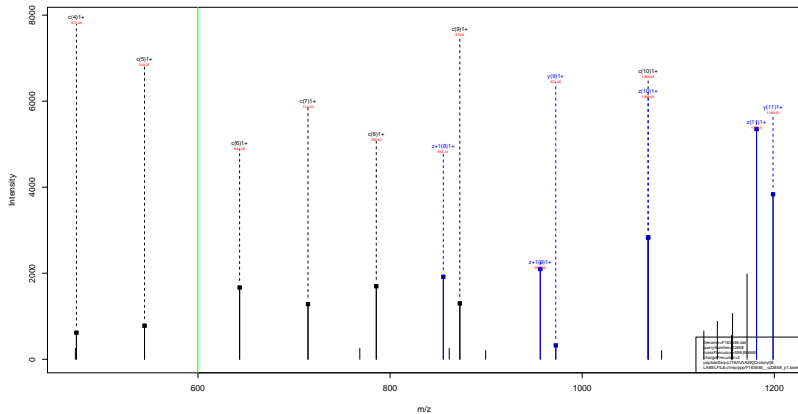
PEPAKSAPAPKKGSKKAVT ^{Acetyl} 42.01 KAQKKD

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=38.80
- ▶ F161995.dat
- ▶ query=q24865_p1
- ▶ precursor=658.880980
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	38.034	878.176	872.837	0.672	872.901	P[25]
E[2]	82.048	845.825	840.486	0.672	840.150	E[24]
P[3]	114.399	802.811	797.472	0.672	797.136	P[23]
A[4]	138.078	770.460	765.121	0.672	764.785	A[22]
K[5]	180.776	746.781	741.442	741.778	741.106	K[21]
S[6]	209.197	724.983	698.743	699.079	698.407	S[20]
A[7]	233.668	675.072	669.733	670.069	669.391	A[19]
P[8]	265.817	651.393	646.054	646.390	645.718	P[18]
A[9]	289.496	619.042	613.703	614.039	613.367	A[17]
P[10]	321.847	595.363	590.024	590.360	589.688	P[16]
K[11]	364.545	563.012	557.673	558.009	557.337	K[15]
K[12]	407.243	520.314	514.974	515.310	514.639	K[14]
G[13]	426.251	477.616	472.276	472.612	471.940	G[13]
S[14]	455.261	458.609	453.269	453.605	452.933	S[12]
K[15]	497.960	429.598	424.258	424.594	423.922	K[11]
K[16]	540.658	398.940	393.560	393.896	393.224	K[10]
A[17]	564.137	344.201	338.862	339.198	338.526	A[9]
V[18]	597.360	320.522	315.183	315.519	314.847	V[8]
T[19]	645.046	287.499	282.160	282.496	281.824	T[7]
K[20]	687.744	239.813	234.474	234.810	234.138	K[6]
A[21]	711.423	197.115	191.775	192.111	191.439	A[5]
Q[22]	754.109	173.436	168.096	168.432	167.760	Q[4]
K[23]	796.898	130.750	125.410	125.746	125.074	K[3]
K[24]	839.506	88.051	82.712	83.048	82.376	K[2]
D[25]	877.848	45.353	40.014	40.349	39.678	D[1]

sp | P15864 | H12_MOUSE

LITKAVAASK ^{Crotonyl} E
68.03



sp | P15864 | H12_MOUSE

LITKAVAASK ^{Crotonyl} E
68.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=58.69
- ▶ F163546.dat
- ▶ query=q22658_p1
- ▶ precursor=599.856680
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
L	1	131.118	1198.704	1182.685	0.000	1181.678	L[11]
I	2	244.202	1085.620	1069.601	0.000	1068.594	I[10]
T	3	345.250	972.536	956.517	0.000	955.500	T[9]
K	4	473.345	871.485	855.470	856.477	854.462	K[8]
A	5	544.382	743.393	727.978	728.382	726.367	A[7]
V	6	643.450	672.350	656.338	657.345	655.330	V[6]
A	7	714.487	573.288	557.269	558.277	556.261	A[5]
A	8	785.524	502.251	486.232	487.240	485.224	A[4]
S	9	872.556	431.214	415.195	416.203	414.187	S[3]
K	10	1068.678	344.182	328.163	329.171	327.155	K[2]
E	11	1197.720	348.060	332.042	333.050	331.034	E[1]

sp | P10853 | H2B1F_MOUSE

LAK ^{Crotonyl} HAVSE
68.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=23.27
- ▶ F163546.dat
- ▶ query=q7545_p1
- ▶ precursor=461.753400
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	922.499	906.481	0.000	905.473	L[8]
A[2]	202.155	809.415	793.396	0.000	792.389	A[7]
R[3]	398.276	738.378	722.359	723.367	721.352	R[6]
H[4]	535.335	542.257	526.238	527.246	525.230	H[5]
A[5]	606.372	405.195	389.179	390.187	388.171	A[4]
V[6]	705.441	334.161	318.142	319.150	317.134	V[3]
S[7]	792.473	235.092	219.074	220.082	218.066	S[2]
E[8]	921.515	148.060	132.042	133.050	131.034	E[1]

sp | P10853 | H2B1F_MOUSE

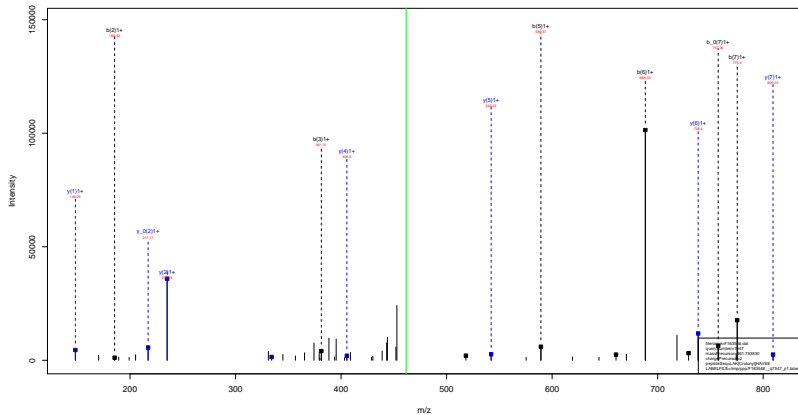
LAK ^{Crotonyl} HAVSE
68.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=50.87
- ▶ F163546.dat
- ▶ query=q7546_p1
- ▶ precursor=461.753400
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	a,b	b	b*	b,b	y	y*	y,b	AA
L1	88.098	0.000	0.000	114.293	0.000	0.000	622.437	905.412	1264.869	L3
A1	157.134	0.000	0.000	185.128	0.000	0.000	809.415	732.355	701.625	A7
K1	351.255	136.239	0.000	381.250	384.223	0.000	738.378	721.352	720.968	K6
H1	409.314	473.297	0.000	518.309	501.282	0.000	543.297	0.000	524.246	H5
A1	551.231	344.234	0.000	589.346	572.319	0.000	465.186	0.000	387.187	A4
V1	660.419	243.263	0.000	668.414	673.388	0.000	324.181	0.000	316.156	V3
S1	747.451	730.425	729.441	775.446	758.420	757.436	235.092	0.000	217.082	S2
E1	876.494	859.467	858.481	904.489	897.462	896.478	148.060	0.000	130.050	E1

sp | P10853 | H2B1F_MOUSE

LAK Crotonyl HAVSE
68.03



sp | P10853 | H2B1F_MOUSE

LAK ^{Crotonyl} HAVSE
68.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=48.45
- ▶ F163546.dat
- ▶ query=q7547.p1
- ▶ precursor=461.753530
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	a*	a β	b	b*	b β	y	y*	y β	AA
L1	58.298	0.000	0.000	114.071	0.000	0.000	427.187	952.413	1524.889	L18
A1	157.134	0.000	0.000	185.128	0.000	0.000	809.415	792.859	791.825	A17
K1	351.255	136.230	0.000	381.250	384.223	0.000	738.378	721.352	720.368	K16
H1	490.114	473.297	0.000	518.309	501.282	0.000	542.257	0.000	524.246	H15
A1	591.251	544.234	0.000	589.346	572.319	0.000	405.198	0.000	387.187	A14
V1	660.419	643.393	0.000	668.414	671.388	0.000	334.161	0.000	316.150	V13
S1	747.451	730.425	728.441	775.446	758.420	757.416	235.092	0.000	217.082	S12
E1	876.484	859.457	858.443	904.489	887.462	886.478	148.060	0.000	130.050	E11

sp | P22752 | H2A1_MOUSE

SHHK ^{Crotonyl} 68.03 AKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=30.34
- ▶ F163547.dat
- ▶ query=q10492_p1
- ▶ precursor=320.851150
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	960.537	944.519	0.000	943.511	S[8]
H[2]	242.125	873.505	857.487	0.000	856.479	H[7]
H[3]	379.184	736.446	720.428	0.000	719.420	H[6]
K[4]	575.305	599.388	583.369	584.377	582.361	K[5]
A[5]	646.342	403.266	387.248	388.255	386.240	A[4]
K[6]	774.437	332.229	316.211	317.218	315.203	K[3]
G[7]	831.458	204.134	188.116	189.123	187.108	G[2]
K[8]	959.553	147.113	131.094	132.102	130.086	K[1]

sp | P22752 | H2A1_MOUSE

SHHK^{Crotonyl} AKGK
68.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=30.34
- ▶ F163547.dat
- ▶ query=q10492_p1
- ▶ precursor=320.851150
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	480.772	472.763	0.504	472.259	S[8]
H[2]	121.566	437.256	429.247	0.504	428.743	H[7]
H[3]	190.095	368.727	360.717	0.504	360.214	H[6]
K[4]	288.156	300.197	292.188	292.692	291.684	K[5]
A[5]	323.675	202.137	194.127	194.631	193.624	A[4]
K[6]	387.722	166.618	158.609	159.113	158.105	K[3]
G[7]	416.233	102.571	94.561	95.065	94.057	G[2]
K[8]	480.280	74.060	66.051	66.555	65.547	K[1]

sp | P22752 | H2A1_MOUSE

SHHK ^{Crotonyl} 68.03 AKGK

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=43.39
- ▶ F163547.dat
- ▶ query=q10494_p1
- ▶ precursor=320.851310
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	105.066	960.537	944.519	0.000	943.511	S[8]
H[2]	242.125	873.505	857.487	0.000	856.479	H[7]
H[3]	379.184	736.446	720.428	0.000	719.420	H[6]
K[4]	575.305	599.388	583.369	584.377	582.361	K[5]
A[5]	646.342	403.266	387.248	388.255	386.240	A[4]
K[6]	774.437	332.229	316.211	317.218	315.203	K[3]
G[7]	831.458	204.134	188.116	189.123	187.108	G[2]
K[8]	959.553	147.113	131.094	132.102	130.086	K[1]

sp | P22752 | H2A1_MOUSE

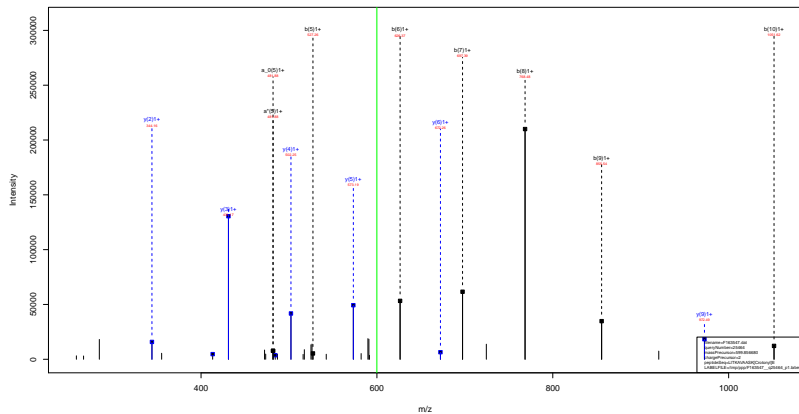
SHHK^{Crotonyl} AKGK
68.03

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=43.39
- ▶ F163547.dat
- ▶ query=q10494_p1
- ▶ precursor=320.851310
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
S[1]	53.037	480.772	472.763	0.504	472.259	S[8]
H[2]	121.566	437.256	429.247	0.504	428.743	H[7]
H[3]	190.095	368.727	360.717	0.504	360.214	H[6]
K[4]	288.156	300.197	292.188	292.692	291.684	K[5]
A[5]	323.675	202.137	194.127	194.631	193.624	A[4]
K[6]	387.722	166.618	158.609	159.113	158.105	K[3]
G[7]	416.233	102.571	94.561	95.065	94.057	G[2]
K[8]	480.280	74.060	66.051	66.555	65.547	K[1]

sp | P15864 | H12_MOUSE

LITKAVAASK ^{Crotonyl} E
68.03



sp | P15864 | H12_MOUSE

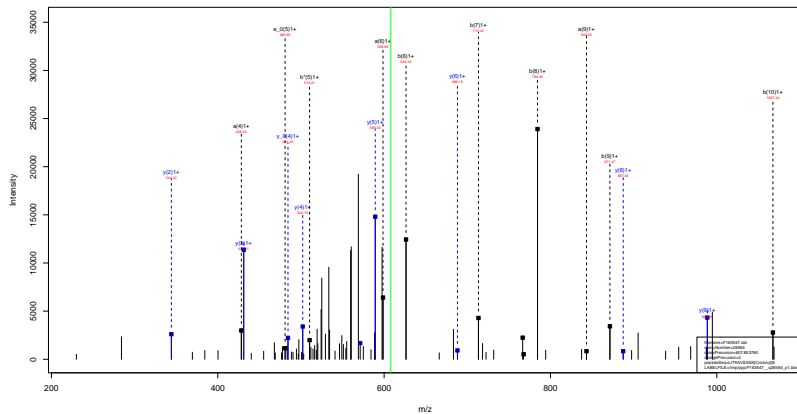
LITKAVAASK ^{Crotonyl} E
68.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=44.60
- ▶ F163547.dat
- ▶ query=q25464_p1
- ▶ precursor=599.856680
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	y ⁿ	a ₀ ⁰	b	b ⁿ	b ₀ ⁰	y	y ⁿ	y ₀ ⁰	AA
L13	88.696	0.000	0.000	114.092	0.000	0.000	1109.707	1182.670	1189.094	L111
T12	109.130	0.000	0.000	129.126	0.000	0.000	1029.431	1098.769	1107.602	T09
T15	100.728	0.000	282.211	126.221	0.000	101.211	972.536	995.505	994.525	T08
K16	112.512	0.000	0.000	137.512	0.000	0.000	1112.512	1182.512	1182.512	K16
A15	109.130	481.314	481.314	127.205	0.000	0.000	1029.431	1098.769	1107.602	A17
V16	108.429	165.412	165.412	626.429	0.000	0.000	1029.431	1098.769	1107.602	V16
A17	100.402	162.439	162.439	607.461	0.000	0.000	1029.431	1098.769	1107.602	A18
A16	140.503	123.416	122.492	768.688	151.411	150.489	502.251	485.229	484.249	A14
S19	117.518	0.011603	0.011603	855.538	0.011603	0.011603	411.214	414.181	411.203	S19
R10	111.056	109.630	109.644	1051.651	1094.624	1011.646	144.182	127.151	126.171	R10
E11	113.109	110.819	111.818	1100.894	1103.867	1102.883	148.888	0.000	130.000	E11

sp | P43276 | H15_MOUSE

LITKAWSASK Crotonyl E
68.03



sp | P43276 | H15_MOUSE

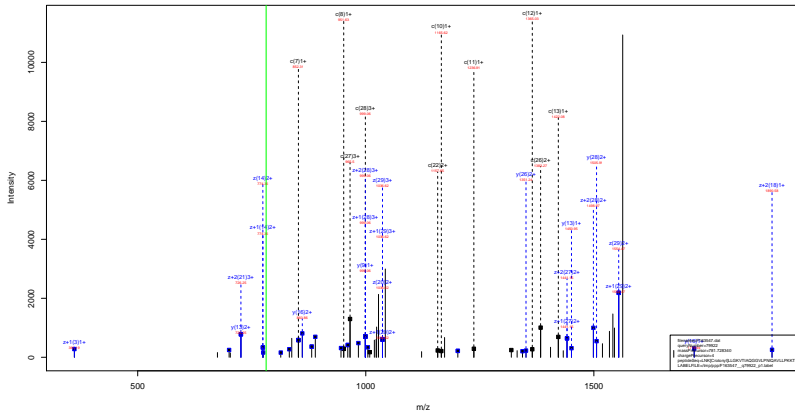
LITKAVSASK ^{Crotonyl} E
68.03

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=30.50
- ▶ F163547.dat
- ▶ query=q26564_p1
- ▶ precursor=607.853760
- ▶ chargePrecursor=2
- ▶ itol=0.6

AA	a	y ^a	a ₀	b	b ^a	b ₀	y	y ^a	y ₀	AA
L1	88.096	0.000	0.000	114.092	0.000	0.000	1254.830	1197.820	1196.989	L111
L2	109.100	0.000	0.000	129.100	0.000	0.000	1126.831	1069.820	1068.984	L101
L3	300.228	0.000	282.211	326.221	0.000	300.211	888.531	975.524	975.520	L100
K1	428.213	431.209	430.400	456.211	430.400	430.200	887.483	870.474	869.472	K100
A1	100.000	882.212	481.358	287.209	518.329	308.415	1100.000	742.988	741.988	A100
V1	508.429	501.422	626.474	626.474	626.474	626.474	608.415	671.525	670.541	V100
S1	305.431	688.429	687.421	711.456	688.429	688.429	589.283	572.258	571.272	S100
A1	225.249	129.421	128.481	764.463	767.466	766.462	582.251	485.229	484.240	A100
S1	843.530	836.523	835.523	871.525	871.525	871.525	853.514	836.510	835.509	S100
R10	1039.651	1032.639	1031.640	1067.646	1067.646	1067.646	144.182	127.151	126.171	R100
E11	1038.604	1031.600	1030.600	1100.600	1100.600	1100.600	148.000	0.000	138.000	E110

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Crotonyl}_{68.03} LLGKVTIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

LNK ^{Crotonyl} 68.03 LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=39.34
- ▶ F163547.dat
- ▶ query=q79922.p1
- ▶ precursor=781.728340
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3123.887	3107.888	0.000	3108.890	L[29]
N[2]	345.161	3010.803	2994.794	2995.792	2993.778	N[28]
K[3]	441.292	2896.760	2880.741	2881.749	2879.733	K[27]
L[4]	554.366	2700.639	2684.620	2685.628	2683.612	L[26]
L[5]	667.490	2587.555	2571.536	2572.544	2570.528	L[25]
Q[6]	774.612	2474.470	2458.452	2459.460	2457.444	Q[24]
K[7]	852.567	2417.449	2401.430	2402.438	2400.422	K[23]
V[8]	951.635	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1052.683	2196.268	2174.267	2175.275	2173.259	T[21]
I[10]	1165.767	2089.238	2073.219	2074.227	2072.211	I[20]
A[11]	1236.894	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1364.962	1869.117	1853.098	1890.106	1888.090	Q[18]
G[13]	1421.884	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1478.905	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1577.874	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1691.058	1563.947	1547.928	1548.936	1546.920	L[14]
P[17]	1788.111	1450.863	1434.844	1435.852	1433.836	P[13]
TW[18]	1892.133	1353.810	1337.791	1338.799	1336.783	TW[12]
I[19]	2015.238	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2143.296	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2214.331	998.624	982.606	983.614	981.598	A[9]
V[22]	2313.402	927.587	911.569	912.576	910.561	V[8]
L[23]	2426.486	828.510	812.492	813.500	811.482	L[7]
L[24]	2539.570	715.433	699.415	700.424	698.405	L[6]
P[25]	2636.623	602.351	586.332	587.340	585.324	P[5]
K[26]	2764.718	505.268	489.249	490.257	488.241	K[4]
K[27]	2892.812	377.203	361.184	362.192	360.177	K[3]
T[28]	2993.850	249.108	233.089	234.097	232.082	T[2]
E[29]	3122.903	148.060	132.042	133.050	131.034	E[1]

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Crotonyl}_{68.03} LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=39.34
- ▶ F163547.dat
- ▶ query=q79922.p1
- ▶ precursor=781.728340
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L 1	66.053	1562.841	1554.438	9.504	1553.934	L 20
N 2	123.084	1505.905	1497.596	1498.400	1497.952	N 20
K 3	231.145	1448.884	1440.874	1441.378	1440.370	K 27
L 4	277.607	1350.823	1342.814	1343.317	1342.310	L 26
L 5	334.229	1294.281	1286.272	1286.775	1285.768	L 25
G 6	382.799	1237.739	1229.730	1230.233	1229.226	G 24
K 7	426.787	1209.228	1201.219	1201.723	1200.715	K 23
V 8	476.321	1145.181	1137.171	1137.675	1136.667	V 22
T 9	526.845	1095.646	1087.637	1088.141	1087.133	T 21
T 10	583.387	1045.123	1037.113	1037.617	1036.609	T 20
A 11	638.906	988.581	980.571	981.075	980.067	A 19
Q 12	682.926	933.063	925.053	945.557	944.549	Q 18
G 13	711.446	889.033	881.023	881.527	880.519	G 17
G 14	739.956	860.522	852.513	853.017	852.009	G 16
V 15	789.491	832.011	824.002	824.506	823.498	V 15
L 16	846.033	782.477	774.468	774.972	773.964	L 14
T 17	894.569	725.935	717.925	718.429	717.421	T 13
N 18	951.580	677.820	669.809	669.903	668.895	N 12
I 19	1008.122	620.387	612.378	612.882	611.874	I 11
Q 20	1072.152	563.845	555.836	556.340	555.332	Q 10
A 21	1107.670	499.816	491.807	492.310	491.303	A 0
V 22	1157.204	484.297	476.288	476.792	475.784	V 8
L 23	1213.173	414.763	406.754	407.258	406.250	L 1
L 24	1270.289	358.221	350.212	350.716	349.708	L 6
P 25	1318.815	301.679	293.670	294.174	293.166	P 5
K 26	1382.862	253.153	245.143	245.647	244.639	K 4
K 27	1446.910	189.105	181.096	181.600	180.592	K 3
T 28	1487.434	125.058	117.048	117.552	116.544	T 2
E 29	1581.955	74.534	66.524	67.028	66.021	E 1

sp | Q6GSS7 | H2A2A_MOUSE

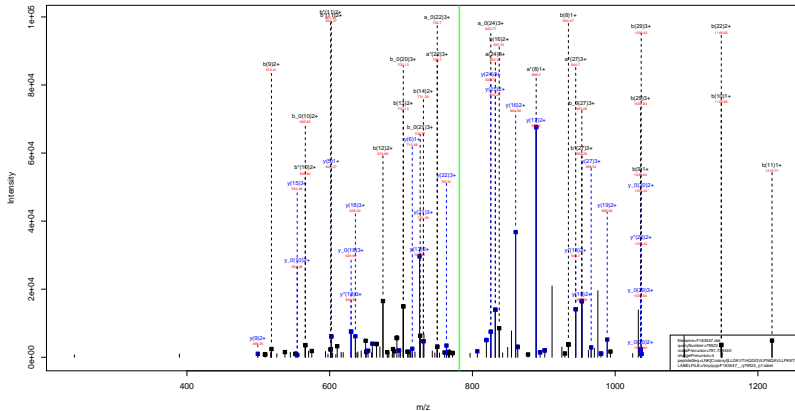
LNK ^{Crotonyl} 68.03 LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=39.34
- ▶ F163547.dat
- ▶ query=q79922.p1
- ▶ precursor=781.728340
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L1	44.377	1041.967	1036.628		0.672	1036.292 L29
N2	62.392	1004.272	996.933	999.269		998.597 N28
K3	147.766	966.258	960.919	961.254		960.583 K27
L4	185.460	900.884	895.545	895.861	895.209	L26
L5	223.155	863.190	857.850	858.186	857.514	L25
G6	242.102	825.695	820.155	820.491	819.819	G24
K7	284.950	806.488	801.148	801.484	800.812	K23
V8	317.883	763.790	758.450	758.786	758.114	V22
T9	351.566	730.767	725.427	725.763	725.091	T21
I10	389.260	697.884	691.745	692.081	691.409	I20
A11	412.039	659.389	654.050	654.386	653.714	A19
Q12	459.606	636.720	630.371	630.707	630.035	Q18
G13	474.633	593.024	587.685	588.021	587.349	G17
G14	493.640	574.017	568.678	569.013	568.342	G16
V15	526.663	555.010	549.670	550.006	549.334	V15
L16	564.357	521.987	516.648	516.984	516.312	L14
F17	596.708	484.292	478.953	479.289	478.617	F13
T18	634.723	451.942	446.603	446.939	446.267	T15
I19	672.417	413.927	408.588	408.924	408.252	I11
Q20	715.104	376.213	370.893	371.229	370.557	Q10
A21	736.783	333.546	328.207	328.543	327.871	A9
V22	771.805	309.867	304.528	304.864	304.192	V8
L23	809.500	276.844	271.505	271.841	271.169	L7
L24	847.195	239.150	233.810	234.146	233.474	L6
P25	879.546	201.625	196.116	196.451	195.780	P5
K26	922.244	169.104	163.765	164.101	163.429	K4
K27	964.942	126.406	121.066	121.402	120.730	K3
T28	998.625	83.708	78.368	78.704	78.032	T2
E29	1041.639	50.025	44.685	45.021	44.349	E1

sp | Q6GSS7 | H2A2A_MOUSE

LNK^{Crotonyl}_{68.03} LLGKVTIAQGGVLPNIQAVLLPKKTE



sp | Q6GSS7 | H2A2A_MOUSE

LNK ^{Crotonyl} 68.03 LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=31.54
- ▶ F163547.dat
- ▶ query=q79923.p1
- ▶ precursor=781.728340
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	a	a*	a,Δ	b	b*	b,Δ	y	y*	y,Δ	AA
L1	88.308	0.00	0.000	114.981	0.00	0.000	11.2138	10.00	0.000	L20
R1	200.139	103.113	0.000	235.134	211.188	0.000	10.7010	10.9957	2.9027	R20
R2	396.051	199.219	0.000	426.253	407.239	0.000	10.8618	10.7913	10.7849	R27
L3	309.345	161.218	0.000	537.340	130.313	0.000	21.0010	10.6312	10.6210	L26
L5	637.479	626.462	0.000	650.424	613.309	0.000	10.7859	10.7838	10.6944	L28
G6	676.400	662.434	0.000	690.411	690.418	0.000	10.7413	10.7411	10.6544	G24
R7	807.543	796.539	0.000	826.549	818.513	0.000	10.7480	10.6912	10.6914	R25
V8	868.613	855.587	0.000	934.608	107.568	0.000	21.0010	10.7211	10.7148	V22
V9	1309.661	1295.633	0.000	1035.655	1038.630	0.000	10.7446	10.7020	10.7125	V21
L10	1330.745	1318.719	1.00778	1148.740	1131.714	1.03010	10.6913	10.7211	10.7127	L29
A11	1691.792	1678.766	1.11277	1218.777	1202.750	1.26010	10.6913	10.6913	10.6814	A19
G12	1719.91	1707.884	1.81414	1741.894	1728.868	1.32010	10.6913	10.6913	10.6814	G18
G13	1811.962	1799.935	1.81414	1833.944	1820.918	1.32010	10.6913	10.6913	10.6814	G17
G14	1813.984	1801.957	1.81414	1835.979	1822.952	1.34310	10.6913	10.6913	10.6814	G16
V15	1815.972	1803.945	1.81414	1837.967	1824.940	1.34310	10.6913	10.6913	10.6814	V19
L16	1846.936	1834.909	1.81414	1869.921	1856.894	1.34310	10.6913	10.6913	10.6814	L14
P17	1848.959	1836.932	1.81414	1871.944	1858.917	1.34310	10.6913	10.6913	10.6814	P13
R18	1857.932	1845.905	1.81414	1880.917	1867.890	1.34310	10.6913	10.6913	10.6814	R12
L19	1859.918	1847.891	1.81414	1882.914	1869.887	1.34310	10.6913	10.6913	10.6814	L13
Q20	1868.975	1856.948	1.81414	1891.971	1878.944	1.34310	10.6913	10.6913	10.6814	Q18
A21	1880.912	1868.885	1.81414	1901.918	1888.891	1.34310	10.6913	10.6913	10.6814	A18
V22	2088.909	2076.882	1.81414	2119.894	2106.867	1.34310	10.6913	10.6913	10.6814	V18
L23	2201.904	2189.877	1.81414	2239.889	2226.862	1.34310	10.6913	10.6913	10.6814	L17
L24	2634.840	2622.813	2.02210	2670.817	2657.790	2.02210	10.6913	10.6913	10.6814	L16
P15	2691.801	2679.774	2.02210	2727.778	2714.751	2.02210	10.6913	10.6913	10.6814	P11
R26	3118.908	3106.881	1.81414	3154.882	3141.855	1.81414	10.6913	10.6913	10.6814	R15
R27	3447.761	3435.734	1.81414	3484.738	3471.711	1.81414	10.6913	10.6913	10.6814	R10
T28	3468.839	3456.812	1.81414	3505.834	3492.807	1.81414	10.6913	10.6913	10.6814	T12
G29	3877.811	3865.784	1.81414	3914.815	3901.788	1.81414	10.6913	10.6913	10.6814	G11

sp | Q6GSS7 | H2A2A_MOUSE

LNK ^{Crotonyl} 68.03 LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=31.54
- ▶ F163547.dat
- ▶ query=q79923.p1
- ▶ precursor=781.728340
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA									
L1	41	502	0	0	0	0	1362	4417	1363	L209									
R2	102	918	0	0	0	0	1500	900	1499	R200									
R3	168	634	180	131	0	0	1448	684	1440	R201									
L4	205	176	246	683	0	0	1350	823	1342	L206									
L5	311	113	309	309	0	0	1294	101	1289	L208									
Q6	348	226	331	715	0	0	1237	733	1230	Q204									
R7	384	270	365	763	0	0	1206	239	1200	R203									
V8	403	311	392	781	0	0	1149	341	1146	V202									
L9	504	234	493	621	480	225	1100	945	1097	L201									
I10	560	678	552	363	551	871	874	874	506	360	565	868	1046	111	1036	609	1036	111	I201
A11	596	595	587	682	585	325	810	392	801	879	601	387	988	501	988	067	979	575	A116
Q12	660	224	650	611	651	418	814	422	805	908	606	418	851	962	844	549	Q120		
Q13	688	935	680	422	679	616	767	937	694	419	691	927	889	633	Q1301				
Q14	717	660	708	932	709	440	731	443	722	660	697	430	860	522	852	039	851	517	Q116
V15	756	360	750	460	749	394	661	471	672	864	571	872	832	813	828	468	828	468	V115
L16	821	560	815	620	814	551	837	519	826	560	826	515	925	477	925	064	925	477	L116
P17	877	608	861	535	861	643	888	646	877	532	877	600	725	935	717	422	716	630	P113
R18	928	670	920	708	920	604	941	607	934	554	934	662	877	400	868	694	868	694	R112
I19	958	618	951	620	949	606	995	609	984	508	984	620	821	811	811	674	811	674	I111
Q20	1049	641	1041	528	1040	638	1061	638	1055	426	1054	631	963	641	958	512	954	840	Q120
A21	1095	101	1090	646	1089	154	1100	157	1090	644	1090	152	499	816	491	301	490	311	A10
V22	1134	668	1128	680	1120	680	1148	681	1140	710	1139	680	668	709	668	704	668	709	V10
L23	1161	336	1158	222	1158	280	1166	601	1166	240	1166	280	414	683	408	250	408	250	L117
L24	1267	710	1260	205	1258	710	1261	710	1263	202	1262	710	388	221	388	108	388	108	L10
V25	1286	534	1280	791	1278	496	1300	500	1299	710	1300	500	88	816	88	108	88	108	V101
R26	1300	302	1291	681	1291	546	1314	549	1308	610	1305	544	263	515	264	639	264	639	R104
R27	1424	389	1421	680	1419	389	1430	389	1429	389	1429	389	180	542	180	180	180	542	R103
L28	1474	401	1468	389	1468	401	1480	401	1479	389	1479	389	228	588	228	588	228	588	L102
E29	1539	444	1530	371	1529	430	1551	442	1544	430	1544	430	74	524	74	524	74	524	E101

sp | Q6GSS7 | H2A2A_MOUSE

LNK ^{Crotonyl} 68.03 LLGKVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=31.54
- ▶ F163547.dat
- ▶ query=q79923_p1
- ▶ precursor=781.728340
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
L1	241.200	0.000	0.000	58.500	0.000	0.000	1041.900	1036.292	1035.964	L209	
R1	187.200	0.000	0.000	70.100	0.000	0.000	1029.700	999.500	999.500	R200	
R1	132.200	137.000	0.000	0.000	142.000	136.414	0.000	966.258	960.500	R027	
L1	170.200	0.000	0.000	0.000	179.100	174.100	0.000	900.884	895.209	894.881	L206
L1	100.200	200.400	0.000	0.000	0.000	201.000	0.000	863.100	850.500	L205	
Q1	227.100	221.410	0.000	0.000	228.467	226.011	0.000	825.405	819.819	819.491	Q204
R1	169.200	164.100	0.000	0.000	179.100	173.100	0.000	806.488	800.010	800.484	R023
V1	167.100	161.200	0.000	0.000	172.200	166.110	0.000	763.799	756.114	757.000	V022
L1	120.200	120.000	120.000	149.000	149.000	149.210	120.000	730.767	725.000	724.763	L201
L10	174.200	168.100	168.100	181.000	181.000	181.000	167.100	697.084	691.000	691.081	L200
A11	167.100	161.200	161.200	169.200	169.200	169.100	161.200	659.309	653.714	653.386	A116
Q1	169.200	163.100	163.100	169.200	169.200	169.100	163.100	635.712	630.035	629.707	Q100
Q1	169.200	163.100	163.100	169.200	169.200	169.100	163.100				Q101
G14	170.200	167.200	167.200	167.200	167.200	167.100	167.200	599.342	598.014	G016	
V1	111.000	100.000	100.000	100.000	100.000	100.000	111.000	555.810	549.104	549.800	V115
L10	149.200	143.000	143.000	149.200	149.200	149.100	143.000	552.678	546.112	545.684	L104
P127	161.100	150.000	150.000	150.000	150.000	150.000	161.100	549.104	548.292	547.899	P113
R1	159.100	148.000	148.000	148.000	148.000	148.000	159.100	545.242	540.260	540.500	R112
L10	167.100	161.200	161.200	167.100	167.100	167.000	161.200	541.921	536.252	535.924	L111
Q1	160.000	694.421	694.093	709.428	709.428	709.428	160.000	703.425	700.557	700.229	Q100
A11	173.100	168.000	168.000	173.100	173.100	173.000	173.100	727.184	723.540	723.012	A100
V1	160.000	721.123	720.795	746.130	746.130	746.130	160.000	700.000	696.100	695.800	V100
L1	168.200			168.200	168.200	168.100	168.200	219.044	219.109	219.044	L101
L1	812.188	806.100	826.184	804.100	804.100	804.000	812.188	219.109	215.474	215.146	L100
P125	164.100	150.000	150.000	150.000	150.000	150.000	164.100	200.493	199.789	199.500	P101
R1	167.100	901.581	901.253	900.500	900.500	900.500	167.100	900.500	893.409	893.100	R100
R227	169.200	844.260	840.000	840.000	840.000	953.591	169.200	130.409	130.719	130.400	R100
L1	160.000	160.000	160.000	160.000	160.000	160.000	160.000	10.000	10.000	10.000	L100
L10	170.200	160.000	160.000	170.200	170.200	170.100	160.000	10.000	10.000	10.000	L100

sp | Q8CGP5 | H2A1F_MOUSE

LNK ^{Crotonyl} 68.03 LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=35.49
- ▶ F163547.dat
- ▶ query=q80603.p1
- ▶ precursor=788.730370
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3151.893	3136.874	0.000	3134.866	L[28]
N[2]	245.161	3038.900	3022.700	3023.798	3021.782	N[28]
K[3]	441.282	2924.766	2908.747	2909.755	2907.739	K[27]
L[4]	554.366	2728.645	2712.626	2713.634	2711.618	L[26]
L[5]	667.450	2615.561	2599.542	2600.550	2598.534	L[25]
G[6]	774.472	2502.477	2486.458	2487.466	2485.450	G[24]
R[7]	880.573	2445.455	2429.436	2430.444	2428.428	R[23]
V[8]	979.641	2289.354	2273.335	2274.343	2272.327	V[22]
T[9]	1060.689	2190.288	2174.269	2175.275	2173.259	T[21]
I[10]	1193.773	2089.230	2073.210	2074.217	2072.211	I[20]
A[11]	1264.810	1976.154	1960.135	1961.143	1959.127	A[19]
Q[12]	1333.859	1905.111	1889.098	1890.106	1888.090	Q[18]
G[13]	1449.890	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1506.911	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1605.980	1663.015	1646.997	1648.004	1645.989	V[15]
L[16]	1719.064	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1818.117	1490.863	1474.844	1475.852	1473.836	T[13]
N[18]	1930.160	1353.810	1337.791	1338.799	1336.783	N[12]
I[19]	2043.244	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2171.302	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2242.339	998.624	982.606	983.614	981.598	A[9]
V[22]	2341.408	927.587	911.569	912.576	910.561	V[8]
L[23]	2454.492	808.513	813.500	813.508	811.492	L[7]
L[24]	2567.576	715.435	699.416	700.424	698.408	L[6]
P[25]	2664.620	602.351	586.332	587.340	585.324	P[5]
K[26]	2762.724	505.268	489.249	490.257	488.241	K[4]
K[27]	2920.819	377.203	361.184	362.192	360.177	K[3]
T[28]	3021.866	249.106	233.089	234.097	232.082	T[2]
E[29]	3150.909	148.960	132.942	133.950	131.934	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

LNK^{Crotonyl}_{68.03} LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=35.49
- ▶ F163547.dat
- ▶ query=q80603.p1
- ▶ precursor=788.730370
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L1	66.093	1576.450	1568.441	8.504	1567.937	L128
N1	123.084	1519.908	1511.899	1512.403	1511.395	N120
K1	231.145	1462.887	1454.877	1455.381	1454.373	K127
L1	277.607	1384.826	1356.817	1357.321	1356.313	L126
L1	334.229	1308.269	1300.275	1300.779	1299.771	L125
G1	382.739	1251.742	1243.733	1244.236	1243.229	G124
R1	440.790	1223.231	1215.222	1215.726	1214.718	R123
V1	490.324	1145.181	1137.171	1137.675	1136.667	V122
T1	540.848	1095.646	1087.637	1088.141	1087.133	T121
T1	597.390	1045.123	1037.113	1037.617	1036.609	T20
A1	632.809	988.581	982.117	981.676	980.667	A119
G1	689.878	933.083	945.053	945.557	944.549	G118
G1	725.448	889.033	881.023	881.527	880.519	G117
G1	753.959	860.522	852.513	853.017	852.009	G116
V1	803.494	832.011	824.002	824.506	823.498	V115
L1	860.036	782.477	774.468	774.972	773.964	L114
T1	908.582	725.935	717.925	718.429	717.421	T113
N1	965.583	677.822	669.799	669.903	668.895	N112
I1	1022.125	620.387	612.378	612.882	611.874	I111
Q1	1088.155	563.845	555.836	556.340	555.332	Q110
A1	1121.673	499.816	491.807	492.310	491.303	A10
V1	1172.208	484.297	456.288	456.792	455.784	V19
L1	1227.750	414.763	406.754	407.258	406.250	L17
L1	1284.292	358.221	350.212	350.716	349.708	L16
P1	1332.818	301.679	293.670	294.174	293.166	P15
K1	1398.805	253.153	245.143	245.647	244.639	K14
K1	1460.913	189.105	181.096	181.600	180.592	K13
T1	1511.437	125.058	117.048	117.552	116.544	T12
E1	1575.958	74.534	66.524	67.028	66.021	E11

sp | Q8CGP5 | H2A1F_MOUSE

LNK^{Crotonyl}_{68.03} LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=35.49
- ▶ F163547.dat
- ▶ query=q80603.p1
- ▶ precursor=788.730370
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L1	44.377	1051.302	1045.963	9.677	1045.627	L120
N12	62.302	1013.008	1008.268	1008.604	1007.932	N020
K13	147.766	975.593	970.254	970.590	969.918	K027
L14	105.460	910.220	904.880	905.216	904.544	L126
L15	223.155	872.525	867.186	867.521	866.850	L125
G16	282.182	834.830	829.491	829.827	829.155	G043
R17	204.196	815.823	810.484	810.820	810.148	R023
V18	327.219	763.790	758.450	758.786	758.114	V022
T19	360.901	730.767	725.427	725.763	725.091	T121
T10	398.596	697.084	691.745	692.081	691.409	T020
A111	422.275	659.399	654.059	654.396	653.724	A119
Q12	464.663	626.710	621.371	621.707	621.035	Q118
G113	483.968	593.024	587.685	588.021	587.349	G117
G14	502.975	574.017	568.678	569.013	568.342	G116
V15	535.968	535.010	540.670	550.006	546.334	V115
L16	573.693	521.987	516.648	516.984	516.312	L114
T11	688.044	488.292	482.953	483.289	482.617	T113
N118	644.058	451.942	446.602	446.938	446.266	N112
I119	681.753	413.927	408.588	408.924	408.252	I111
Q120	744.439	376.233	370.893	371.229	370.557	Q110
A121	748.118	333.546	328.207	328.543	327.871	A10
V122	761.141	300.897	294.528	294.864	294.192	V10
L123	813.876	276.844	271.505	271.841	271.169	L11
L124	856.530	239.150	233.810	234.146	233.474	L10
P125	888.881	201.455	196.116	196.451	195.779	P10
K126	931.579	169.104	163.765	164.101	163.429	K10
K127	974.278	126.406	121.066	121.402	120.730	K10
T128	1007.960	83.708	78.368	78.704	78.032	T10
E129	1030.874	50.025	44.685	45.021	44.349	E10

sp | Q8CGP5 | H2A1F_MOUSE

LNK ^{Crotonyl} 68.03 LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=35.18
- ▶ F163547.dat
- ▶ query=q80604_p1
- ▶ precursor=788.730370
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	a	a ⁺	a ²⁺	b	b ⁺	b ²⁺	y	y ⁺	y ²⁺	AA
L1	36.096	0.000	0.000	114.091	0.000	0.000	105.183	3134.860	11.53.002	L29
R2	309.150	181.113	0.000	229.154	311.100	0.000	139.883	3029.700	2033.700	R20
R3	595.261	379.234	0.000	434.255	607.225	0.000	204.700	3007.720	2066.720	R27
L4	559.340	402.338	0.000	537.340	567.330	0.000	228.695	2711.610	2710.610	L26
L5	622.429	609.402	0.000	609.420	633.397	0.000	219.262	2698.530	2697.530	L25
Q6	676.450	659.424	0.000	707.445	736.431	0.000	209.477	2480.450	2480.450	Q24
R7	836.551	818.525	0.000	893.540	948.530	0.000	149.465	2426.430	2427.440	R23
V8	854.520	817.507	0.000	902.515	940.500	0.000	189.274	2271.520	2271.520	V22
L9	1035.567	1018.541	1017.527	1063.522	1094.535	1043.522	2294.200	2174.200	2172.200	L21
I10	1448.781	1438.760	1430.740	1176.746	1194.720	1180.700	189.250	2087.210	2087.200	I24
A11	1219.789	1209.762	1201.742	1347.783	1336.757	1328.737	107.624	1950.120	1950.140	A16
Q12	1287.897	1278.870	1269.850	1344.780	1333.824	1322.810	109.211	1899.090	1897.100	Q18
Q13	1404.986	1397.952	1390.920	1432.960	1423.937	1414.915	117.720	1790.620	1789.640	Q17
Q14	1461.090	1444.053	1433.024	1469.880	1472.058	1471.034	120.007	1703.010	1702.020	Q16
L15	1500.969	1483.932	1472.900	1508.901	1510.927	1503.949	136.010	1646.980	1646.000	L19
L16	1674.042	1657.018	1650.000	1702.032	1698.011	1684.007	126.347	1548.920	1548.000	L14
P17	1777.090	1754.069	1743.060	1769.060	1762.054	1751.060	140.000	1432.000	1432.000	P13
R18	1881.140	1858.112	1847.101	1913.111	1909.107	1898.124	133.010	1336.900	1336.900	R12
I19	1998.222	1981.196	1969.212	2026.212	2009.191	2000.207	123.910	1222.940	1221.767	I11
Q20	2129.301	2109.274	2100.260	2154.274	2147.249	2136.260	119.660	1109.600	1109.677	Q19
A21	2197.338	2180.290	2169.260	2245.260	2238.260	2227.260	107.400	981.700	980.844	A18
V22	2296.308	2276.280	2267.260	2294.260	2287.255	2276.260	114.111	827.537	910.561	V19
L23	2403.400	2384.344	2361.400	2437.400	2420.430	2411.405	108.010	811.400	810.500	L17
L24	2522.504	2505.528	2484.544	2530.540	2513.521	2502.530	115.410	668.400	567.424	L16
P25	2611.600	2593.580	2580.580	2647.600	2630.570	2620.560	602.351	584.400	584.400	P18
R26	2747.700	2728.670	2720.650	2774.670	2757.627	2747.687	108.270	488.270	487.200	R16
K27	2876.700	2858.710	2847.700	2883.700	2868.700	2858.702	97.720	380.170	380.180	K15
L28	2976.800	2958.780	2947.780	2993.800	2978.800	2968.800	94.910	310.000	310.000	L13
E29	3105.900	3088.880	3080.870	3113.880	3105.850	3103.872	148.000	0.000	130.000	E11

sp | Q8CGP5 | H2A1F_MOUSE

LNK ^{Crotonyl} 68.03 LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=35.18
- ▶ F163547.dat
- ▶ query=q80604_p1
- ▶ precursor=788.730370
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	a	a*	aΔ1	b	b*	bΔ1	y	y*	yΔ1	AA
L1	43.562	0.504	-0.504	10.540	0.504	-0.504	33.018	0.504	33.522	L106
R2	100.524	0.504	-0.504	124.974	0.504	-0.504	1519.951	0.504	1520.455	R200
R3	188.634	0.504	-0.504	214.914	0.504	-0.504	1482.881	0.504	1483.385	R227
L4	250.176	0.504	-0.504	268.273	0.504	-0.504	1364.833	0.504	1365.337	L106
L5	313.708	0.504	-0.504	329.713	0.504	-0.504	1309.303	0.504	1309.807	L106
G6	342.200	0.504	-0.504	354.208	0.504	-0.504	1251.783	0.504	1252.287	G24
R7	418.276	0.504	-0.504	432.277	0.504	-0.504	1221.221	0.504	1221.725	R123
V8	489.812	0.504	-0.504	498.814	0.504	-0.504	1148.111	0.504	1148.615	V22
L9	535.337	0.504	-0.504	552.335	0.504	-0.504	1095.546	0.504	1096.050	L106
L10	574.871	0.504	-0.504	588.877	0.504	-0.504	1045.123	0.504	1045.627	L106
A11	610.390	0.504	-0.504	624.393	0.504	-0.504	990.581	0.504	991.085	A116
Q12	650.915	0.504	-0.504	668.425	0.504	-0.504	939.419	0.504	940.427	Q118
G13	702.938	0.504	-0.504	716.935	0.504	-0.504	889.833	0.504	890.841	G117
G14	732.440	0.504	-0.504	745.444	0.504	-0.504	840.522	0.504	841.530	G116
V15	780.980	0.504	-0.504	794.980	0.504	-0.504	832.511	0.504	833.519	V115
L16	837.525	0.504	-0.504	851.523	0.504	-0.504	775.965	0.504	776.973	L114
P17	880.051	0.504	-0.504	894.049	0.504	-0.504	720.430	0.504	721.438	P113
R18	943.074	0.504	-0.504	954.067	0.504	-0.504	677.409	0.504	678.417	R112
L19	990.613	0.504	-0.504	1013.614	0.504	-0.504	629.879	0.504	630.887	L112
Q20	1063.644	0.504	-0.504	1077.644	0.504	-0.504	581.851	0.504	582.859	Q110
A21	1090.151	0.504	-0.504	1113.150	0.504	-0.504	534.823	0.504	535.831	A109
V22	1140.697	0.504	-0.504	1156.696	0.504	-0.504	485.795	0.504	486.803	V108
L23	1190.243	0.504	-0.504	1210.242	0.504	-0.504	436.767	0.504	437.775	L107
L24	1240.789	0.504	-0.504	1254.788	0.504	-0.504	387.739	0.504	388.747	L106
V25	1290.335	0.504	-0.504	1304.334	0.504	-0.504	338.711	0.504	339.719	V105
R26	1334.385	0.504	-0.504	1348.384	0.504	-0.504	289.683	0.504	290.691	R104
R27	1438.462	0.504	-0.504	1452.461	0.504	-0.504	240.655	0.504	241.663	R103
L28	1480.505	0.504	-0.504	1494.504	0.504	-0.504	191.627	0.504	192.635	L102
L29	1533.547	0.504	-0.504	1546.546	0.504	-0.504	142.599	0.504	143.607	L101

sp | Q8CGP5 | H2A1F_MOUSE

LNK ^{Crotonyl}68.03 LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=35.18
- ▶ F163547.dat
- ▶ query=q80604.p1
- ▶ precursor=788.730370
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	a	a'	a ₀	b	b'	b ₀	y	y'	y ₀	AA	
L1	261.200	0.8327	0.8327	58.5922	0.8327	0.8327	1001.3021	1045.627	1045.290	L259	
R1	87.760	0.8369	0.8369	70.1451	0.8369	0.8369	1114.7008	1119.9384	1119.9384	R20	
R1	132.750	1.0788	0.8371	142.0081	1.0788	0.8371	878.5931	969.9118	969.9118	R227	
L1	170.203	1.04730	0.8371	179.785	1.04730	0.8371	910.220	1048.543	1048.543	L206	
L1	180.740	1.00447	0.8371	187.4119	1.00447	0.8371	927.525	1064.809	1064.522	L208	
G1	227.150	1.21479	0.8371	238.487	1.21479	0.8371	834.838	1001.157	1001.157	G24	
R1	276.180	1.21533	0.8371	288.520	1.21533	0.8371	870	1110.149	1099.070	R225	
V1	312.111	1.01331	0.8371	321.542	1.01331	0.8371	763.790	988.114	988.114	V22	
L1	348.004	1.00223	1.00223	358.995	1.00223	1.00223	359.222	730.767	728.041	724.763	L221
L10	381.180	1.07361	1.07361	391.921	1.07361	1.07361	388.911	607.064	601.409	601.081	L21
A11	407.250	1.01382	1.01382	416.249	1.01382	1.01382	410.080	659.309	653.714	653.386	A116
G1	449.204	1.04710	1.04710	459.206	1.04710	1.04710	450.202	635.710	630.035	629.107	G120
G1	468.261	1.01110	1.01110	478.261	1.01110	1.01110	470.261	470.261	470.261	G17	
G14	487.060	1.01231	1.01231	497.060	1.01231	1.01231	491.261	574.017	568.342	568.014	G16
V1	520.000	1.01310	1.01310	529.000	1.01310	1.01310	520.000	529.000	529.000	V115	
L10	538.686	1.01310	1.01310	548.687	1.01310	1.01310	540.000	549.000	549.000	L104	
P17	601.017	1.00310	1.00310	610.017	1.00310	1.00310	601.017	610.017	610.017	P113	
R1	629.011	623.375	623.047	638.383	632.787	632.787	623.375	632.787	632.787	R112	
L10	660.740	701.756	701.428	710.741	705.145	705.145	700.428	676.074	673.357	670.624	L111
Q10	688.432	701.756	701.428	718.763	713.168	713.168	708.428	718.763	718.763	Q109	
A21	723.713	727.420	727.102	732.442	736.767	736.439	733.540	737.071	737.071	A10	
V2	746.134	750.489	750.170	755.465	759.820	759.820	750.489	759.820	759.820	V10	
L24	819.028	826.151	825.824	811.169	807.484	807.156	819.028	826.151	826.151	L117	
L24	841.242	835.847	835.519	839.851	845.719	845.391	841.242	851.474	851.146	L20	
P1	878.018	886.916	886.588	892.909	897.769	897.441	886.916	897.769	897.441	P101	
R10	1116.572	910.897	910.569	925.984	930.250	929.922	916.572	925.984	925.656	R101	
R27	1159.271	951.593	951.265	966.807	962.027	961.699	1159.271	1169.499	1169.171	R103	
L10	1164.011	1027.210	1026.882	1042.385	1046.651	1046.323	1164.011	1174.240	1173.912	L101	
L20	1192.027	1199.261	1198.934	1204.199	1208.465	1208.137	1199.261	1209.494	1209.166	L101	

sp | Q8CGP5 | H2A1F_MOUSE

LNK^{Crotonyl}_{68.03} LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=14.17
- ▶ F163547.dat
- ▶ query=q80605.p1
- ▶ precursor=788.730650
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	131.118	3151.893	3135.874	0.000	3134.866	L[28]
N[2]	245.161	3038.809	3022.790	3023.798	3021.782	N[28]
K[3]	441.282	2924.766	2908.747	2909.755	2907.739	K[27]
L[4]	554.366	2728.845	2712.826	2713.834	2711.818	L[26]
L[5]	667.450	2535.981	2509.942	2600.950	2598.934	L[25]
G[6]	724.472	2302.877	2488.458	2487.466	2485.450	G[24]
R[7]	880.573	2044.855	2420.436	2430.444	2428.428	R[23]
V[8]	979.641	2289.854	2273.835	2274.843	2272.827	V[22]
T[9]	1080.689	2190.886	2174.867	2175.875	2173.859	T[21]
I[10]	1193.773	2089.938	2073.919	2074.927	2072.911	I[20]
A[11]	1264.810	1976.954	1960.935	1961.943	1959.927	A[19]
Q[12]	1392.859	1909.111	1885.098	1899.106	1888.090	Q[18]
G[13]	1448.890	1777.058	1761.039	1762.047	1760.032	G[17]
G[14]	1506.911	1720.037	1704.018	1705.026	1703.010	G[16]
V[15]	1605.980	1603.015	1648.997	1648.004	1645.989	V[15]
L[16]	1719.064	1563.947	1547.928	1548.936	1546.920	L[14]
T[17]	1838.117	1450.083	1434.064	1435.072	1433.056	T[13]
N[18]	1938.166	1353.030	1337.011	1338.799	1336.783	N[12]
I[19]	2043.244	1239.767	1223.748	1224.756	1222.741	I[11]
Q[20]	2171.302	1126.683	1110.664	1111.672	1109.656	Q[10]
A[21]	2282.339	998.624	982.605	983.614	981.598	A[9]
V[22]	2341.408	827.587	911.569	912.576	910.561	V[8]
L[23]	2454.492	628.519	812.500	813.508	811.492	L[7]
L[24]	2567.576	715.435	695.416	700.424	698.408	L[6]
P[25]	2664.629	602.351	586.332	587.340	585.324	P[5]
K[26]	2762.724	505.298	489.279	490.287	488.271	K[4]
K[27]	2920.819	377.203	361.184	362.192	360.177	K[3]
T[28]	3021.866	249.108	233.089	234.097	232.082	T[2]
E[29]	3180.909	148.050	132.942	133.950	131.934	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

LNK^{Crotonyl}_{68.03} LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=14.17
- ▶ F163547.dat
- ▶ query=q80605.p1
- ▶ precursor=788.730650
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
L[1]	66.063	1576.450	1568.441	0.504	1567.937	L[26]
N[2]	123.084	1519.908	1511.899	1512.403	1511.395	N[28]
K[3]	231.145	1462.887	1454.877	1453.381	1454.373	K[27]
L[4]	277.687	1394.826	1386.817	1387.321	1386.313	L[26]
L[5]	334.229	1308.284	1300.275	1300.779	1299.773	L[25]
G[6]	382.779	1251.742	1243.733	1244.236	1243.229	G[24]
R[7]	480.790	1223.231	1215.222	1215.726	1214.718	R[23]
V[8]	490.324	1148.181	1137.171	1137.675	1136.667	V[22]
T[9]	540.846	1095.646	1087.637	1088.141	1087.133	T[21]
I[10]	597.390	1045.123	1037.113	1037.617	1036.609	I[20]
A[11]	632.609	988.581	982.571	981.075	980.067	A[19]
Q[12]	699.938	913.086	945.053	945.557	944.549	Q[18]
G[13]	725.449	889.033	881.023	881.527	880.519	G[17]
G[14]	753.959	860.522	852.513	853.017	852.009	G[16]
V[15]	803.494	832.011	824.002	824.506	823.498	V[15]
L[16]	880.036	782.477	774.468	774.972	773.964	L[14]
T[17]	968.582	725.935	717.926	718.430	717.422	T[13]
N[18]	995.983	674.409	669.399	669.903	668.895	N[12]
I[19]	1022.125	626.887	612.878	612.882	611.874	I[11]
Q[20]	1086.155	563.945	555.839	556.343	555.335	Q[10]
A[21]	1121.673	499.616	491.807	492.310	491.302	A[9]
V[22]	1171.208	464.297	456.288	456.792	455.784	V[8]
L[23]	1227.750	414.763	408.754	407.258	406.251	L[7]
L[24]	1384.792	358.221	350.211	350.716	349.708	L[6]
P[25]	1332.818	301.679	293.670	294.174	293.166	P[5]
K[26]	1398.805	253.153	245.143	245.647	244.639	K[4]
K[27]	1480.913	189.105	181.096	181.600	180.592	K[3]
T[28]	1511.437	125.058	117.048	117.552	116.544	T[2]
E[29]	1575.958	74.534	66.524	67.028	66.021	E[1]

sp | Q8CGP5 | H2A1F_MOUSE

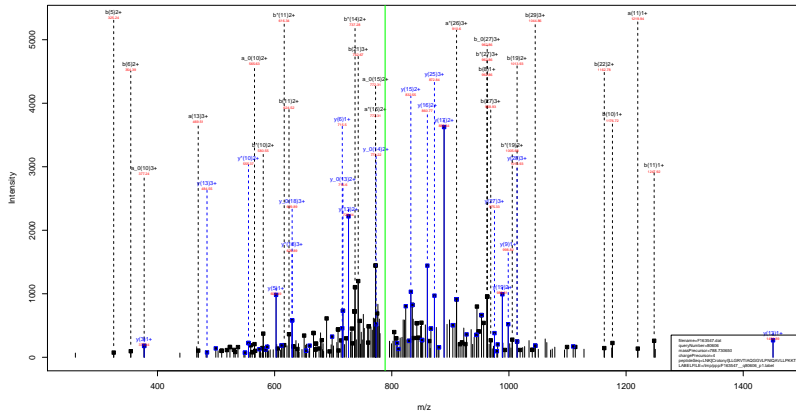
LNK ^{Crotonyl} 68.03 LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=14.17
- ▶ F163547.dat
- ▶ query=q80605.p1
- ▶ precursor=788.730650
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA		c	y	z+1	z+2	z	AA
L	1	44.377	1051.302	1045.963	9.677	1045.637	L120
N	2	62.302	1013.058	1008.268	1008.604	1007.932	N020
K	3	147.766	975.593	970.254	970.590	969.918	K027
L	4	105.460	910.220	904.880	905.216	904.544	L126
L	5	223.155	872.525	867.186	867.521	866.850	L125
G	6	282.182	834.830	829.491	829.827	829.155	G04
R	7	204.196	815.823	810.484	810.820	810.148	R023
V	8	327.219	763.790	758.450	758.786	758.114	V022
T	9	360.901	730.767	725.427	725.763	725.091	T021
T	10	398.596	697.084	691.745	692.081	691.409	T020
A	11	422.275	659.399	654.059	654.396	653.724	A019
Q	12	464.663	626.710	621.371	621.707	621.035	Q018
G	13	483.968	593.024	587.685	588.021	587.349	G017
G	14	502.975	574.017	568.678	569.013	568.342	G016
V	15	535.998	535.010	540.670	550.006	546.334	V015
L	16	573.693	521.987	516.648	516.984	516.312	L014
T	17	605.044	488.292	493.953	497.289	493.617	T013
N	18	644.058	451.942	446.602	446.938	446.266	N012
I	19	681.753	413.927	408.588	408.924	408.252	I011
Q	20	744.439	376.233	370.893	371.229	370.557	Q010
A	21	748.118	333.546	328.207	328.543	327.871	A00
V	22	761.141	300.897	304.528	304.894	304.162	V00
L	23	813.876	276.844	271.505	271.842	271.169	L00
L	24	856.510	239.150	233.810	234.146	233.474	L00
P	25	888.881	201.455	196.116	196.451	195.780	P00
K	26	931.579	169.104	163.765	164.101	163.429	K04
K	27	974.278	126.406	121.066	121.402	120.730	K03
T	28	1007.960	83.708	78.368	78.704	78.032	T02
E	29	1050.974	50.025	44.685	45.021	44.349	E01

sp | Q8CGP5 | H2A1F_MOUSE

LNK^{Crotonyl} 68.03 LLGRVTIAQGGVLPNIQAVLLPKKTE



sp | Q8CGP5 | H2A1F_MOUSE

LNK ^{Crotonyl} 68.03 LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=42.41
- ▶ F163547.dat
- ▶ query=q80606_p1
- ▶ precursor=788.730650
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	a	a*	a/b	b	b*	b/a	y	y*	y/a	AA
L1	80.000	0.000	0.000	134.000	0.000	0.000	315.000	314.000	313.000	L29
R1	300.000	315.000	0.000	268.000	315.000	0.000	300.000	300.000	300.000	R20
R1	300.000	315.000	0.000	426.000	300.000	0.000	300.000	300.000	300.000	R22
L1	508.545	605.402	0.000	537.340	530.315	0.000	272.000	271.000	270.000	L26
L1	524.000	605.402	0.000	630.424	623.399	0.000	281.000	280.000	279.000	L25
G1	578.000	605.402	0.000	595.400	590.410	0.000	250.000	249.000	248.000	G24
R1	635.551	618.320	0.000	663.546	648.520	0.000	340.000	339.000	338.000	R23
V1	624.000	618.320	0.000	663.546	648.520	0.000	268.000	267.000	266.000	V22
V1	600.000	1018.641	0.000	902.615	945.568	0.000	210.000	209.000	208.000	V21
L10	1148.000	1131.320	1130.740	1176.746	1159.720	1158.100	300.000	299.000	298.000	L21
A11	1219.789	1202.750	1202.170	1247.763	1230.720	1229.710	180.000	179.000	178.000	A10
G13	138.000	1370.000	1370.000	1370.000	1370.000	1370.000	100.000	100.000	100.000	G12
G13	1404.000	1387.000	1386.000	1432.000	1415.000	1414.000	177.000	176.000	175.000	G17
G14	1461.000	1444.000	1443.000	1480.000	1472.000	1471.000	170.000	169.000	168.000	G16
V15	1500.000	1483.000	1482.000	1520.000	1512.000	1511.000	160.000	159.000	158.000	V14
L18	1674.000	1657.000	1656.000	1700.000	1692.000	1691.000	100.000	99.000	98.000	L14
P17	1771.000	1754.000	1753.000	1790.000	1782.000	1781.000	1450.863	1449.863	1448.863	P15
R18	1800.000	1783.000	1782.000	1820.000	1812.000	1811.000	100.000	99.000	98.000	R17
L16	1808.000	1791.000	1790.000	1830.000	1822.000	1821.000	120.000	119.000	118.000	L12
G20	2170.000	2153.000	2152.000	2190.000	2182.000	2181.000	110.000	109.000	108.000	G19
A17	2200.000	2183.000	2182.000	2220.000	2212.000	2211.000	980.824	979.824	978.824	A16
V12	2200.000	2183.000	2182.000	2220.000	2212.000	2211.000	927.507	910.501	900.504	V10
L21	2000.000	1983.000	1982.000	2020.000	2012.000	2011.000	80.000	79.000	78.000	L17
L14	2032.000	2015.000	2014.000	2050.000	2042.000	2041.000	715.435	698.408	687.431	L10
P15	2010.000	1993.000	1992.000	2030.000	2022.000	2021.000	602.351	585.324	584.340	P10
R20	2147.000	2130.000	2129.000	2160.000	2152.000	2151.000	80.000	79.000	78.000	R18
R22	2070.000	2053.000	2052.000	2090.000	2082.000	2081.000	377.263	360.237	359.261	R15
L16	2070.000	2053.000	2052.000	2090.000	2082.000	2081.000	80.000	79.000	78.000	L10
E20	2100.000	2083.000	2082.000	2120.000	2112.000	2111.000	140.000	139.000	138.000	E17

sp | Q8CGP5 | H2A1F_MOUSE

LNK ^{Crotonyl} 68.03 LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=42.41
- ▶ F163547.dat
- ▶ query=q80606_p1
- ▶ precursor=788.730650
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	a	y ^a	a+b	b	b ^a	b+c	y	y ^a	y+c	AA
L1	48.002	0.004	0.004	57.045	0.004	0.004	1076.450	1067.817	1067.445	L29
R2	100.003	0.000	0.000	114.877	1.000	0.000	1018.480	1015.000	1015.000	R20
R1	140.004	1.000	1.000	213.611	2.004	1.000	1482.000	1450.371	1450.361	K27
L4	205.110	0.000	0.000	290.974	2.000	0.000	1304.800	1300.110	1300.010	L26
L5	111.000	0.000	0.000	125.715	1.000	0.000	1300.000	1288.770	1288.760	L25
G1	340.000	0.000	0.000	354.020	0.000	0.000	1281.740	1249.240	1249.230	G24
R7	418.210	0.000	0.000	430.211	0.000	0.000	1261.211	1248.710	1248.700	R23
V1	407.014	0.000	0.000	407.014	0.000	0.000	1252.121	1234.860	1234.850	V22
L9	518.137	309.824	509.332	532.335	523.821	523.129	1095.000	1087.230	1086.940	L21
I10	074.000	546.166	546.874	568.871	580.164	579.872	1045.173	1038.438	1038.110	I21
A11	010.000	000.000	000.000	024.395	015.882	015.390	886.281	880.000	879.570	A16
Q12	014.000	685.914	685.420	688.423	678.911	678.418	951.885	944.540	944.030	Q10
G13	012.000	004.420	681.831	716.935	708.422	707.930	880.035	880.510	880.027	G17
G14	731.449	000.000	722.443	745.444	736.933	736.441	860.572	852.060	851.517	G16
V15	000.000	772.470	772.978	788.000	000.000	000.000	832.011	823.498	823.000	V18
L16	837.525	829.012	871.978	851.523	843.009	842.517	817.000	812.500	811.472	L14
P17	000.001	017.538	017.040	000.000	000.000	000.000	725.935	717.420	716.930	P13
T18	004.010	014.367	004.000	807.878	808.387	808.385	817.420	808.000	808.000	T12
I19	000.015	004.120	000.000	1013.612	1005.099	1004.207	800.000	811.874	811.382	I11
Q20	003.048	1005.111	1004.430	007.343	006.120	006.630	801.600	555.132	554.840	Q19
A21	1099.163	1000.000	1000.120	1113.160	1104.047	1104.105	489.816	480.000	480.011	A08
V22	1104.110	1104.110	1103.000	1102.694	1104.110	1103.000	480.000	480.000	480.000	V19
L23	1005.720	1006.720	1006.230	1018.230	1010.723	1010.230	414.000	408.230	408.700	L17
L24	1001.701	1003.200	1002.770	1019.770	1007.200	1006.770	306.211	300.700	300.210	L20
P25	010.000	010.000	010.000	024.000	010.000	010.000	300.000	293.000	292.000	P26
R26	1004.000	1005.000	1005.000	1008.000	1010.000	1010.000	203.100	204.600	204.147	R20
K27	1438.000	1439.000	1439.000	1442.000	1444.000	1444.000	100.000	100.000	100.100	K26
L28	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	100.000	100.000	100.000	L27
E29	1003.040	1004.000	1004.440	1007.440	1008.000	1008.440	74.000	0.000	00.000	E21

sp | Q8CGP5 | H2A1F_MOUSE

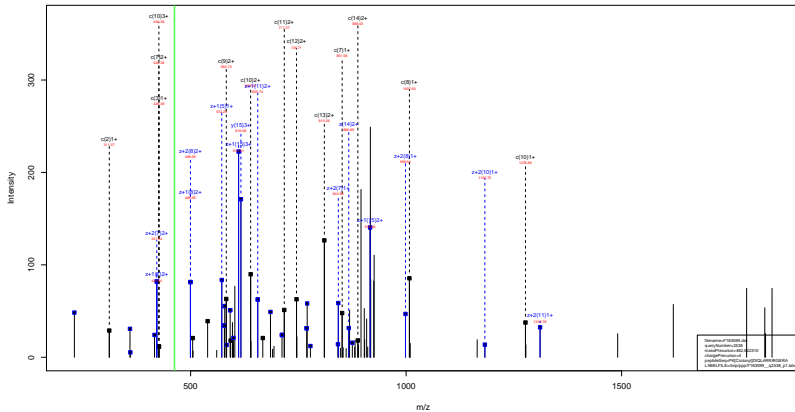
LNK ^{Crotonyl} 68.03 LLGRVTIAQGGVLPNIQAVLLPKKTE

- ▶ fragmentation table for charge state 3+
- ▶ specType=cid
- ▶ score=42.41
- ▶ F163547.dat
- ▶ query=q80606_p1
- ▶ precursor=788.730650
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	a	a'	الم	b	b'	الم	y	y'	الم	AA
L1	26.330	18.872	0.672	38.702	0.672	1051.331	0.672	1045.627	1045.299	L129
R1	87.983	69.969	0.669	142.816	0.669	1013.608	0.669	1009.936	1009.594	R130
R1	130.168	127.083	0.672	142.980	138.414	0.672	975.593	969.918	968.592	K127
L14	170.453	168.797	0.672	178.783	174.200	0.672	910.220	904.544	904.216	L126
L15	188.148	186.472	0.672	212.479	211.804	0.672	872.525	866.850	866.522	L125
G16	227.550	225.474	0.672	236.467	230.811	0.672	854.830	829.155	828.527	G124
R17	279.189	273.513	0.672	288.620	282.846	0.672	833.823	811.149	809.820	R123
V18	312.214	308.588	0.674	324.543	318.868	0.674	783.852	768.124	767.786	V122
L19	345.004	340.212	0.669	358.249	349.590	0.669	740.711	725.091	724.761	L121
L10	383.188	377.681	377.585	382.620	387.240	386.614	687.084	681.409	680.981	L120
A111	407.268	402.582	402.264	416.098	410.624	410.268	659.389	653.714	653.386	A110
G123	448.074	443.429	443.056	456.206	451.630	451.278	625.423	620.125	620.127	G122
G13	468.961	463.281	462.968	476.281	472.617	472.280	583.624	587.349	587.021	G117
G14	487.688	482.261	481.905	497.000	491.624	491.268	574.017	568.392	568.014	G116
V151	530.665	525.169	524.809	538.233	534.819	534.465	504.919	555.010	549.134	V150
L138	558.686	553.000	552.682	566.671	562.342	562.014	532.967	518.312	517.964	L134
P117	591.267	585.381	585.033	604.267	600.000	600.000	481.292	474.611	474.260	P115
R118	629.161	623.167	622.987	638.183	632.707	632.375	603.262	588.289	587.709	R113
L136	666.746	661.020	660.742	676.077	670.402	670.074	633.921	605.252	604.824	L131
G120	709.432	703.750	703.438	728.093	713.088	712.769	593.283	570.567	570.229	G119
R121	755.111	749.468	749.189	742.842	736.767	736.439	553.587	527.871	527.543	R119
V127	788.110	780.458	780.130	775.405	769.740	769.402	500.991	475.192	474.841	V126
L123	803.828	798.147	797.826	811.190	807.484	807.136	478.684	471.169	470.841	L117
L124	841.123	835.840	835.519	850.595	845.176	844.851	428.130	413.474	413.146	L116
P124	873.174	868.000	867.650	874.138	867.850	867.500	380.409	352.760	352.452	P123
R126	916.572	910.897	910.549	925.804	920.228	919.890	348.104	340.426	340.101	R124
K127	939.167	953.595	953.267	968.402	962.827	962.596	328.463	320.730	320.402	K125
L130	982.863	976.989	976.669	991.984	986.109	985.784	287.994	280.266	279.940	L128
E126	1030.167	1020.260	1020.064	1045.299	1038.823	1038.295	267.000	260.971	260.641	E123

sp | P84228 | H32_MOUSE

PK ^{Crotonyl}DIQLARRIGERA
68.03



sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=46.13
- ▶ F163599.dat
- ▶ query=q2538.p1
- ▶ precursor=462.522310
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1847.072	1833.054	0.000	1830.046	P[15]
K[2]	311.208	1750.019	1734.001	1735.009	1732.993	K[14]
D[3]	426.235	1553.898	1537.880	1538.887	1536.872	D[13]
I[4]	539.319	1438.873	1422.853	1423.860	1421.845	I[12]
Q[5]	667.377	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	780.401	1197.729	1181.710	1182.718	1180.702	L[10]
A[7]	851.499	1084.645	1068.626	1069.634	1067.618	A[9]
R[8]	1007.600	1013.605	997.589	998.597	996.581	R[8]
R[9]	1163.701	857.508	841.488	842.496	840.480	R[7]
I[10]	1276.785	701.405	685.387	686.394	684.379	I[6]
R[11]	1432.886	588.321	572.303	573.310	571.295	R[6]
G[12]	1489.907	432.220	416.201	417.209	415.194	G[5]
E[13]	1618.950	278.109	259.180	260.188	258.172	E[4]
R[14]	1778.051	246.150	230.137	231.145	229.130	R[3]
A[15]	1848.088	90.055	78.036	79.044	77.028	A[1]

sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIRGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=46.13
- ▶ F163599.dat
- ▶ query=q2538.p1
- ▶ precursor=462.522310
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	924.040	916.030	0.504	915.526	P[15]
K[2]	156.108	875.513	867.504	866.008	867.000	K[14]
D[3]	213.621	777.453	769.443	769.947	768.940	D[13]
T[4]	270.163	719.939	711.930	712.434	711.426	T[12]
Q[5]	334.192	663.397	655.388	655.892	654.384	Q[11]
L[6]	390.134	599.368	591.359	591.863	590.355	L[10]
A[7]	426.253	542.826	534.817	533.321	534.313	A[9]
R[8]	504.303	507.307	499.298	499.802	498.794	R[8]
R[9]	582.354	420.257	421.247	421.751	420.744	R[7]
I[10]	638.896	351.206	343.197	343.701	342.693	I[6]
R[11]	716.947	294.664	286.655	287.159	286.151	R[5]
G[12]	745.457	216.614	208.604	209.108	208.100	G[4]
E[13]	809.979	188.103	180.094	180.598	179.990	E[3]
R[14]	888.079	123.582	115.573	116.076	115.068	R[2]
A[15]	923.548	45.531	37.522	38.026	37.018	A[1]

sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIRGERA

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=46.13
- ▶ F163599.dat
- ▶ query=q2538.p1
- ▶ precursor=462.522310
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	616.362	611.023	0.672	610.667	P[15]
K[2]	104.407	584.011	578.672	579.008	578.336	K[14]
D[3]	142.750	518.638	513.290	513.634	512.962	D[13]
T[4]	180.444	480.295	474.956	475.292	474.620	T[12]
Q[5]	223.131	442.601	437.261	437.597	436.925	Q[11]
L[6]	265.825	399.914	394.573	394.911	394.239	L[10]
A[7]	284.504	362.220	356.880	357.216	356.544	A[9]
R[8]	336.538	318.941	313.201	313.537	312.865	R[8]
R[9]	388.572	286.507	281.167	281.503	280.831	R[7]
I[10]	426.266	234.473	229.134	229.470	228.798	I[6]
R[11]	478.300	196.779	191.439	191.775	191.103	R[5]
G[12]	497.307	144.745	139.405	139.741	139.069	G[4]
E[13]	540.322	125.738	120.398	120.734	120.062	E[3]
R[14]	592.355	82.724	77.384	77.720	77.048	R[2]
A[15]	618.034	30.690	25.350	25.686	25.014	A[1]

sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.70
- ▶ F163599.dat
- ▶ query=q2542.p1
- ▶ precursor=462.522460
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1847.072	1833.054	0.000	1830.046	P[15]
K[2]	311.208	1750.019	1734.001	1735.009	1732.993	K[14]
D[3]	426.235	1553.898	1537.880	1538.887	1536.872	D[13]
I[4]	539.319	1438.873	1422.855	1423.860	1421.845	I[12]
Q[5]	667.377	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	780.401	1197.729	1181.710	1182.718	1180.702	L[10]
A[7]	851.499	1084.645	1068.626	1069.634	1067.618	A[9]
R[8]	1007.600	1013.605	997.586	998.597	996.581	R[8]
R[9]	1163.701	857.508	841.488	842.496	840.480	R[7]
I[10]	1276.785	701.405	685.387	686.394	684.379	I[6]
R[11]	1432.886	588.321	572.303	573.310	571.295	R[5]
G[12]	1489.907	432.220	416.201	417.209	415.194	G[4]
T[13]	1618.950	275.100	259.180	260.188	258.172	T[3]
R[14]	1775.031	246.150	230.137	231.145	229.130	R[2]
A[15]	1848.088	90.055	78.036	79.044	77.028	A[1]

sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIRGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.70
- ▶ F163599.dat
- ▶ query=q2542_p1
- ▶ precursor=462.522460
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	924.040	916.030	0.504	915.526	P[15]
K[2]	156.108	875.513	867.504	868.008	867.000	K[14]
D[3]	213.621	777.453	769.443	769.947	768.940	D[13]
T[4]	270.163	719.939	711.930	712.434	711.426	T[12]
Q[5]	334.192	663.397	655.388	655.892	654.884	Q[11]
L[6]	393.734	599.366	591.359	591.863	590.855	L[10]
A[7]	428.253	542.826	534.817	534.321	534.313	A[9]
R[8]	504.303	507.307	499.298	499.802	498.794	R[8]
R[9]	582.354	420.257	421.247	421.751	420.744	R[7]
I[10]	638.896	351.206	343.197	343.701	342.693	I[6]
R[11]	716.947	294.664	286.655	287.159	286.151	R[5]
G[12]	745.457	216.614	208.604	209.108	208.100	G[4]
E[13]	809.979	188.103	180.094	180.598	179.990	E[3]
R[14]	888.029	123.582	115.573	116.076	115.068	R[2]
A[15]	923.548	45.531	37.522	38.026	37.018	A[1]

sp | P84228 | H32_MOUSE

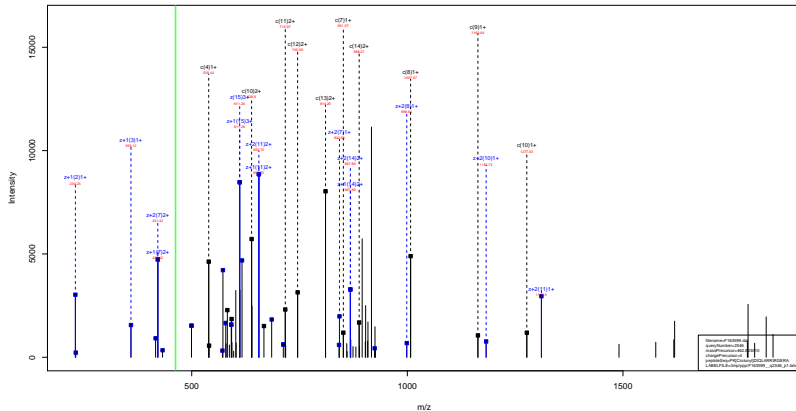
PK ^{Crotonyl} 68.03 DIQLARRIRGERA

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=57.70
- ▶ F163599.dat
- ▶ query=q2542_p1
- ▶ precursor=462.522460
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	616.362	611.023	0.672	610.687	P[15]
K[2]	104.407	594.011	578.672	579.008	578.336	K[14]
D[3]	142.750	518.638	513.290	513.634	512.962	D[13]
T[4]	180.444	480.295	474.956	475.292	474.620	T[12]
Q[5]	223.131	442.601	437.261	437.597	436.925	Q[11]
L[6]	265.825	399.914	394.573	394.911	394.239	L[10]
A[7]	284.504	362.220	356.880	357.216	356.544	A[9]
R[8]	336.538	338.941	333.201	333.537	332.865	R[8]
R[9]	388.572	296.507	291.167	291.503	290.831	R[7]
I[10]	426.266	234.473	229.134	229.470	228.798	I[6]
R[11]	478.300	196.779	191.439	191.775	191.103	R[5]
G[12]	497.307	144.745	139.405	139.741	139.069	G[4]
E[13]	540.322	125.738	120.398	120.734	120.062	E[3]
R[14]	592.355	82.724	77.384	77.720	77.048	R[2]
A[15]	618.034	30.690	25.350	25.686	25.014	A[1]

sp | P84228 | H32_MOUSE

PK Crotonyl DIQLARRIGERA
68.03



sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=47.00
- ▶ F163599.dat
- ▶ query=q2546_p1
- ▶ precursor=462.523010
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1847.072	1833.054	0.000	1830.046	P[15]
K[2]	311.208	1750.019	1734.001	1735.009	1732.993	K[14]
D[3]	426.235	1553.898	1537.880	1538.887	1536.872	D[13]
I[4]	539.319	1438.873	1422.853	1423.860	1421.845	I[12]
Q[5]	667.377	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	780.401	1197.729	1181.710	1182.718	1180.702	L[10]
A[7]	851.499	1084.645	1068.626	1069.634	1067.618	A[9]
R[8]	1007.600	1013.605	997.589	998.597	996.581	R[8]
R[9]	1163.701	857.508	841.488	842.496	840.480	R[7]
I[10]	1276.785	701.405	685.387	686.394	684.379	I[6]
R[11]	1432.886	588.323	572.303	573.310	571.295	R[6]
G[12]	1489.907	432.220	416.201	417.209	415.194	G[4]
E[13]	1618.950	275.199	259.180	260.188	258.172	E[3]
R[14]	1775.051	246.156	230.137	231.145	229.130	R[2]
A[15]	1848.088	90.055	78.036	79.044	77.028	A[1]

sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=47.00
- ▶ F163599.dat
- ▶ query=q2546_p1
- ▶ precursor=462.523010
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	98.047	924.040	916.030	0.504	915.526	P[15]
K[2]	156.108	873.513	867.504	866.008	867.500	K[14]
D[3]	213.621	777.453	769.443	769.947	768.940	D[13]
T[4]	270.163	719.939	711.930	712.434	711.426	T[12]
Q[5]	334.192	663.397	655.388	655.892	654.884	Q[11]
L[6]	390.734	599.305	591.359	591.863	590.856	L[10]
A[7]	426.253	542.826	534.817	535.321	534.313	A[9]
R[8]	504.303	507.307	499.298	499.802	498.794	R[8]
R[9]	582.354	429.257	421.247	421.751	420.744	R[7]
I[10]	638.896	351.206	343.197	343.701	342.693	I[6]
R[11]	716.947	294.654	286.655	287.159	286.151	R[5]
G[12]	745.457	216.614	208.604	209.108	208.100	G[4]
E[13]	809.979	188.103	180.094	180.598	179.590	E[3]
R[14]	888.029	123.582	115.572	116.076	115.068	R[2]
A[15]	923.548	45.531	37.522	38.026	37.018	A[1]

sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIRGERA

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=47.00
- ▶ F163599.dat
- ▶ query=q2546_p1
- ▶ precursor=462.523010
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	616.362	611.023	0.672	610.687	P[15]
K[2]	104.407	594.011	578.672	579.008	578.336	K[14]
D[3]	142.750	518.638	513.290	513.634	512.962	D[13]
T[4]	180.444	480.295	474.956	475.292	474.620	T[12]
Q[5]	223.131	442.601	437.261	437.597	436.925	Q[11]
L[6]	265.825	399.914	394.573	394.911	394.239	L[10]
A[7]	284.504	362.220	356.880	357.216	356.544	A[9]
R[8]	336.538	338.941	333.201	333.537	332.865	R[8]
R[9]	388.572	296.507	291.167	291.503	290.831	R[7]
I[10]	426.266	234.473	229.134	229.470	228.798	I[6]
R[11]	478.300	196.779	191.439	191.775	191.103	R[5]
G[12]	497.307	144.745	139.405	139.741	139.069	G[4]
E[13]	540.322	125.738	120.398	120.734	120.062	E[3]
R[14]	592.355	82.724	77.384	77.720	77.048	R[2]
A[15]	618.034	30.690	25.350	25.686	25.014	A[1]

sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=26.10
- ▶ F163599.dat
- ▶ query=q2549_p1
- ▶ precursor=370.220090
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	115.087	1847.072	1831.054	0.000	1830.046	P[15]
K[2]	311.208	1750.010	1734.001	1735.009	1732.993	K[14]
D[3]	426.235	1553.898	1537.880	1538.887	1536.872	D[13]
I[4]	539.319	1438.871	1422.853	1423.860	1421.845	I[12]
Q[5]	667.377	1325.787	1309.769	1310.776	1308.761	Q[11]
L[6]	780.461	1197.720	1181.710	1182.718	1180.702	L[10]
A[7]	851.499	1084.645	1068.628	1069.634	1067.618	A[9]
R[8]	1007.600	1013.000	997.580	998.597	996.581	R[8]
R[9]	1163.701	857.506	841.488	842.496	840.480	R[7]
I[10]	1276.785	701.405	685.387	686.394	684.379	I[6]
R[11]	1432.806	588.321	572.303	573.310	571.295	R[6]
G[12]	1489.907	432.220	416.201	417.209	415.194	G[4]
E[13]	1618.950	275.109	359.189	360.188	358.172	E[3]
R[14]	1778.951	246.156	230.137	231.145	229.130	R[2]
A[15]	1846.088	90.050	74.030	75.044	73.028	A[1]

sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIRGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=26.10
- ▶ F163599.dat
- ▶ query=q2549_p1
- ▶ precursor=370.220090
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	924.040	916.030	0.504	915.526	P[15]
K[2]	156.108	875.513	867.504	868.008	867.000	K[14]
D[3]	213.621	777.453	769.443	769.947	768.940	D[13]
T[4]	270.163	719.939	711.930	712.434	711.426	T[12]
Q[5]	334.192	663.397	655.388	655.892	654.884	Q[11]
L[6]	390.734	599.366	591.359	591.863	590.855	L[10]
A[7]	426.253	542.826	534.817	535.321	534.313	A[9]
R[8]	504.303	507.307	499.298	499.802	498.794	R[8]
R[9]	582.354	420.257	421.247	421.751	420.744	R[7]
I[10]	638.896	351.206	343.197	343.701	342.693	I[6]
R[11]	716.947	294.664	286.655	287.159	286.151	R[5]
G[12]	745.457	216.614	208.604	209.108	208.100	G[4]
E[13]	809.979	188.103	180.094	180.598	179.590	E[3]
R[14]	888.029	123.582	115.572	116.076	115.068	R[2]
A[15]	923.548	45.531	37.522	38.026	37.018	A[1]

sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIGERA

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=26.10
- ▶ F163599.dat
- ▶ query=q2549_p1
- ▶ precursor=370.220090
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	618.362	611.023	0.672	610.687	P[15]
K[2]	104.407	594.011	578.672	579.008	578.336	K[14]
D[3]	142.750	518.638	513.298	513.634	512.962	D[13]
T[4]	180.444	480.295	474.956	475.292	474.620	T[12]
Q[5]	223.131	442.601	437.261	437.597	436.925	Q[11]
L[6]	265.825	399.914	394.575	394.911	394.239	L[10]
A[7]	284.504	362.220	356.880	357.216	356.544	A[9]
R[8]	336.538	338.941	333.201	333.537	332.865	R[8]
R[9]	388.572	286.507	281.167	281.503	280.831	R[7]
I[10]	426.266	234.473	229.134	229.470	228.798	I[6]
R[11]	478.300	196.779	191.439	191.775	191.103	R[5]
G[12]	497.307	144.745	139.405	139.741	139.069	G[4]
E[13]	540.322	125.738	120.398	120.734	120.062	E[3]
R[14]	592.355	82.724	77.384	77.720	77.048	R[2]
A[15]	618.034	30.690	25.350	25.686	25.014	A[1]

sp | P84228 | H32_MOUSE

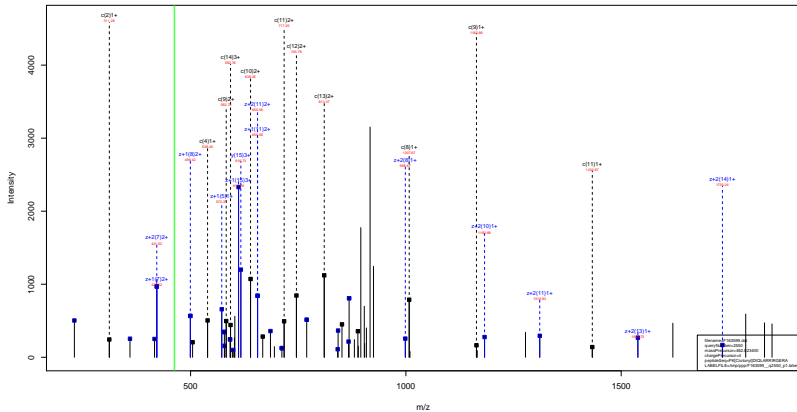
PK ^{Crotonyl} 68.03 DIQLARRIGERA

- ▶ fragmentation table for charge state 4+
- ▶ specType=etd
- ▶ score=26.10
- ▶ F163599.dat
- ▶ query=q2549_p1
- ▶ precursor=370.220090
- ▶ chargePrecursor=5
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	29.527	462.524	458.519	0.755	458.267	P[15]
K[2]	78.557	438.260	434.250	434.508	434.004	K[14]
D[3]	107.314	389.230	385.225	385.477	384.973	D[13]
T[4]	135.585	360.473	356.469	356.721	356.217	T[12]
Q[5]	167.600	332.202	328.198	328.450	327.946	Q[11]
L[6]	199.871	300.188	296.183	296.435	295.931	L[10]
A[7]	213.630	271.917	267.912	268.164	267.660	A[9]
R[8]	252.695	254.157	250.151	250.405	249.901	R[8]
R[9]	291.681	215.132	211.127	211.379	210.875	R[7]
I[10]	319.962	176.107	172.102	172.354	171.850	I[6]
R[11]	358.977	147.836	143.831	144.083	143.579	R[5]
G[12]	373.232	108.810	104.806	105.058	104.554	G[4]
E[13]	405.491	94.955	90.950	90.802	90.298	E[3]
R[14]	444.518	62.294	58.290	58.542	58.038	R[2]
A[15]	462.278	23.289	19.285	19.516	19.013	A[1]

sp | P84228 | H32_MOUSE

PK Crotonyl DIQLARRIGERA
68.03



sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=59.92
- ▶ F163599.dat
- ▶ query=q2550.p1
- ▶ precursor=462.523400
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P 1	115.087	1847.072	1833.054	0.000	1830.046	P 15
K 2	311.208	1750.019	1734.001	1735.009	1732.993	K 14
D 3	426.235	1553.898	1537.880	1538.887	1536.872	D 13
I 4	539.319	1438.873	1422.853	1423.860	1421.845	I 12
Q 5	667.377	1325.787	1309.769	1310.776	1308.761	Q 11
L 6	780.401	1197.729	1181.710	1182.718	1180.702	L 10
A 7	851.499	1084.645	1068.626	1069.634	1067.618	A 9
R 8	1007.600	1013.605	997.589	998.597	996.581	R 8
R 9	1163.701	857.508	841.498	842.496	840.480	R 7
I 10	1276.785	701.405	685.387	686.394	684.379	I 6
R 11	1432.886	588.321	572.303	573.310	571.295	R 5
G 12	1489.907	432.220	416.201	417.209	415.194	G 4
E 13	1618.950	275.109	259.180	260.188	258.172	E 3
R 14	1775.051	246.156	230.137	231.145	229.130	R 2
A 15	1848.088	90.055	78.036	79.044	77.028	A 1

sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=59.92
- ▶ F163599.dat
- ▶ query=q2550_p1
- ▶ precursor=462.523400
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	924.040	916.030	0.504	915.526	P[15]
K[2]	156.108	875.513	867.504	868.008	867.000	K[14]
D[3]	213.621	777.453	769.443	769.947	768.940	D[13]
T[4]	270.163	719.939	711.930	712.434	711.426	T[12]
Q[5]	334.192	653.999	655.368	655.892	654.884	Q[11]
L[6]	390.734	599.368	591.359	591.863	590.855	L[10]
A[7]	428.253	542.826	534.817	534.321	534.313	A[9]
R[8]	504.303	507.307	499.298	499.802	498.794	R[8]
R[9]	582.354	420.257	421.247	421.751	420.744	R[7]
I[10]	638.896	351.206	343.197	343.701	342.693	I[6]
R[11]	716.947	294.664	286.655	287.159	286.151	R[5]
G[12]	745.457	216.614	208.604	209.108	208.100	G[4]
E[13]	809.979	188.103	180.094	180.598	179.990	E[3]
R[14]	888.029	123.582	115.573	116.076	115.068	R[2]
A[15]	923.548	45.531	37.522	38.026	37.018	A[1]

sp | P84228 | H32_MOUSE

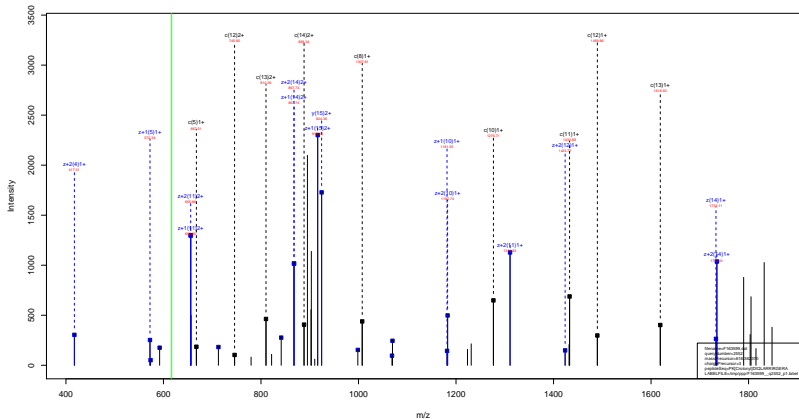
PK ^{Crotonyl} 68.03 DIQLARRIRGERA

- ▶ fragmentation table for charge state 3+
- ▶ specType=etd
- ▶ score=59.92
- ▶ F163599.dat
- ▶ query=q2550.p1
- ▶ precursor=462.523400
- ▶ chargePrecursor=4
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	39.034	616.362	611.023	0.672	610.667	P[15]
K[2]	104.407	594.011	578.672	579.008	578.336	K[14]
D[3]	142.750	518.638	513.290	513.634	512.962	D[13]
T[4]	180.444	480.295	474.956	475.292	474.620	T[12]
Q[5]	223.131	442.601	437.261	437.597	436.925	Q[11]
L[6]	260.825	399.914	394.573	394.911	394.239	L[10]
A[7]	294.504	362.220	356.880	357.216	356.544	A[9]
R[8]	336.538	328.941	323.201	323.537	322.865	R[8]
R[9]	388.572	286.507	281.167	281.503	280.831	R[7]
I[10]	426.266	234.473	229.134	229.470	228.798	I[6]
R[11]	478.300	196.779	191.439	191.775	191.103	R[5]
G[12]	497.307	144.745	139.405	139.741	139.069	G[4]
E[13]	540.322	125.738	120.398	120.734	120.062	E[3]
R[14]	592.355	82.724	77.384	77.720	77.048	R[2]
A[15]	618.034	30.690	25.350	25.686	25.014	A[1]

sp | P84228 | H32_MOUSE

PK Crotonyl DIQLARRIGERA
68.03



sp | P84228 | H32_MOUSE

PK ^{Crotonyl} 68.03 DIQLARRIGERA

- ▶ fragmentation table for charge state 1+
- ▶ specType=etd
- ▶ score=57.05
- ▶ F163599.dat
- ▶ query=q2552.p1
- ▶ precursor=616.362370
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	#+1	#+2	z	AA
P[1]	115.087	1047.072	1831.054	0.000	15.10.046	P[15]
K[2]	311.208	1750.019	1734.001	1735.009	1732.993	K[14]
D[3]	408.235	1553.068	1537.880	1538.897	1530.872	D[13]
H[4]	539.319	1430.071	1423.853	1423.860	1421.845	H[12]
Q[5]	667.377	1325.787	1309.760	1310.776	1308.761	Q[11]
L[6]	780.461	1197.729	1181.710	1182.718	1180.702	L[10]
A[7]	853.499	1084.645	1068.626	1069.634	1067.618	A[9]
R[8]	1007.600	1013.008	997.550	998.557	995.582	R[8]
R[9]	1103.701	857.500	841.489	842.496	840.480	R[7]
H[10]	1276.785	701.405	685.387	686.394	684.379	H[6]
R[11]	1432.886	588.321	572.303	573.310	571.295	R[5]
G[12]	1489.907	430.230	418.201	417.209	415.194	G[4]
E[13]	1618.950	278.199	269.180	269.158	268.172	E[3]
R[14]	1775.051	246.156	230.137	231.145	229.130	R[2]
A[15]	1846.088	90.055	74.030	75.044	73.028	A[1]

sp | P84228 | H32_MOUSE

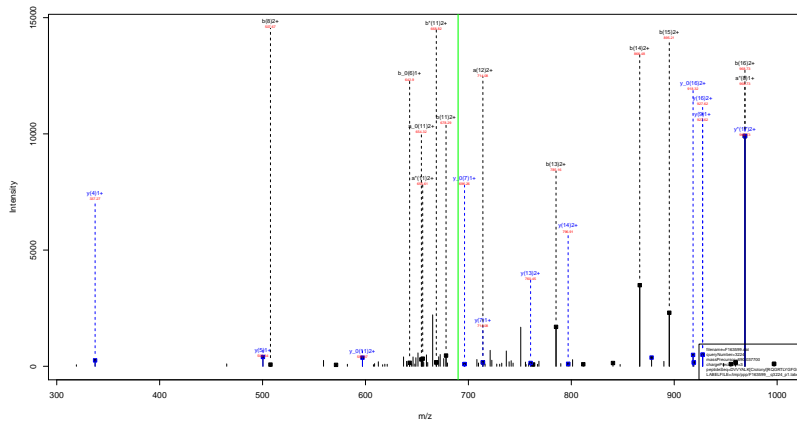
PK ^{Crotonyl} 68.03 DIQLARRIRGERA

- ▶ fragmentation table for charge state 2+
- ▶ specType=etd
- ▶ score=57.05
- ▶ F163599.dat
- ▶ query=q2552_p1
- ▶ precursor=616.362370
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	c	y	z+1	z+2	z	AA
P[1]	58.047	924.040	916.030	0.504	915.526	P[15]
K[2]	156.108	873.513	867.504	866.008	867.500	K[14]
D[3]	213.621	777.453	769.443	769.947	768.940	D[13]
T[4]	270.163	719.939	711.930	712.434	711.426	T[12]
Q[5]	334.192	663.397	655.388	655.892	654.884	Q[11]
L[6]	390.734	599.306	591.299	591.803	590.856	L[10]
A[7]	426.253	542.826	534.817	535.321	534.313	A[9]
R[8]	504.303	507.307	499.298	499.802	498.794	R[8]
R[9]	582.354	429.257	421.247	421.751	420.744	R[7]
I[10]	638.896	351.206	343.197	343.701	342.693	I[6]
R[11]	716.947	294.664	286.655	287.159	286.151	R[5]
G[12]	745.457	216.614	208.604	209.108	208.100	G[4]
E[13]	809.979	188.103	180.094	180.598	179.590	E[3]
R[14]	888.029	123.582	115.572	116.076	115.068	R[2]
A[15]	923.548	45.531	37.522	38.026	37.018	A[1]

sp | P62806 | H4_MOUSE

DVVYALK^{Crotonyl}RQGR^{68.03}TLYGFGG



sp | P62806 | H4_MOUSE

DVVYALK^{Crotonyl} RQGR^{68.03}TLYGFGG

- ▶ fragmentation table for charge state 1+
- ▶ specType=cid
- ▶ score=32.82
- ▶ F163599.dat
- ▶ query=q3224.p1
- ▶ precursor=690.037700
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	a	a'	a+0	b	b'	b+0	y	y'	y+0	AA
D	88.039	0.000	72.000	118.004	0.000	88.039	2088.000	2051.074	2080.000	D
V	187.108	0.000	188.000	215.103	0.000	187.108	1563.000	1536.044	1535.000	V
V	285.176	0.000	288.000	314.171	0.000	285.176	1024.000	1006.978	1005.000	V
V	444.259	0.000	431.250	497.254	0.000	430.224	1754.934	1737.907	1738.000	V
A	520.277	0.000	502.260	548.271	0.000	536.261	1560.870	1574.844	1573.865	A
L	613.361	0.000	614.360	684.359	0.000	643.345	1520.831	1503.807	1502.821	L
R	678.402	0.000	813.471	808.477	846.450	870.450	1407.780	1380.773	1380.789	R
R	895.503	848.526	905.512	1015.510	896.551	895.507	1011.620	1104.601	1103.617	R
Q	1113.642	1089.603	1100.631	1143.630	1124.610	1123.620	1100.630	1078.600	1077.618	Q
C	1171.674	1153.630	1142.662	1188.660	1161.641	1160.647	927.468	910.442	909.458	C
R	1326.704	1309.660	1300.694	1354.690	1327.672	1326.681	901.447	885.420	884.438	R
T	1427.812	1410.765	1400.801	1455.807	1428.788	1427.796	714.346	0.000	696.335	T
L	1540.866	1523.800	1522.800	1568.801	1551.804	1550.800	613.200	0.000	0.000	L
V	1703.899	1686.803	1685.800	1733.804	1716.808	1715.804	508.214	0.000	0.000	V
C	1790.901	1773.804	1762.810	1808.810	1771.800	1770.800	337.151	0.000	0.000	C
F	1803.890	1787.807	1786.800	1833.804	1816.811	1815.811	190.120	0.000	0.000	F
D	1885.910	1868.804	1867.800	1903.805	1876.800	1875.800	133.000	0.000	0.000	D
C	1922.904	1905.803	1904.801	1950.801	1933.800	1932.800	70.000	0.000	0.000	C

sp | P62806 | H4_MOUSE

DVVYALK^{Crotonyl}RQGR^{68.03}TLYGFGG

- ▶ fragmentation table for charge state 2+
- ▶ specType=cid
- ▶ score=32.82
- ▶ F163599.dat
- ▶ query=q3224.p1
- ▶ precursor=690.037700
- ▶ chargePrecursor=3
- ▶ itol=0.6

AA	a	a'	a+0	b	b'	b+0	y	y'	y+0	AA	
D	44.823	0.504	45.327	98.521	0.504	99.025	3034.552	3035.056	3035.561	D10	
V	34.373	0.504	34.877	118.057	0.504	118.561	927.030	966.529	928.034	V17	
V	14.154	0.504	14.658	137.593	0.504	138.097	927.529	918.591	918.490	V16	
V	225.123	0.504	225.627	230.121	0.504	230.625	877.070	878.074	878.578	V15	
A	260.842	0.504	261.346	214.610	0.504	215.114	796.430	797.434	797.434	A14	
L	317.184	0.504	317.688	331.181	0.504	331.685	760.920	761.924	761.915	L13	
R	413.205	0.504	413.709	438.202	0.504	438.706	666.797	695.365	666.779	R12	
R	493.290	0.504	493.794	484.290	0.504	484.794	498.297	606.513	597.004	597.312	R11
Q	331.214	0.504	331.718	571.322	0.504	571.826	602.317	138.197	319.714	318.262	Q10
C	326.126	0.504	326.630	349.123	0.504	349.627	488.222	489.726	488.224	C9	
R	253.100	655.372	654.880	677.883	669.370	668.878	435.727	427.214	426.722	R8	
T	714.410	336.106	336.610	728.407	720.894	721.402	357.676	0.504	348.071	T7	
L	770.562	762.438	761.946	784.949	776.436	775.944	307.151	0.504	0.504	L6	
V	382.013	613.507	613.015	804.483	813.997	813.487	230.611	0.504	0.504	V5	
C	380.994	372.481	371.989	804.991	806.478	805.986	189.070	0.504	0.504	C4	
F	954.528	981.017	980.525	966.526	968.012	969.520	140.568	0.504	0.504	F3	
C	383.030	374.518	374.026	907.036	908.523	908.031	87.034	0.504	0.504	C2	
C	381.009	373.497	373.005	906.991	911.474	910.982	36.521	0.504	0.504	C1	

