

gi|70887487|gb|EAO00243.1| hypothetical protein, conserved [*Trypanosoma cruzi*]

K.YVVEQLLEAESR.Y

M+H=1451.701294

DeltaM=1.32854

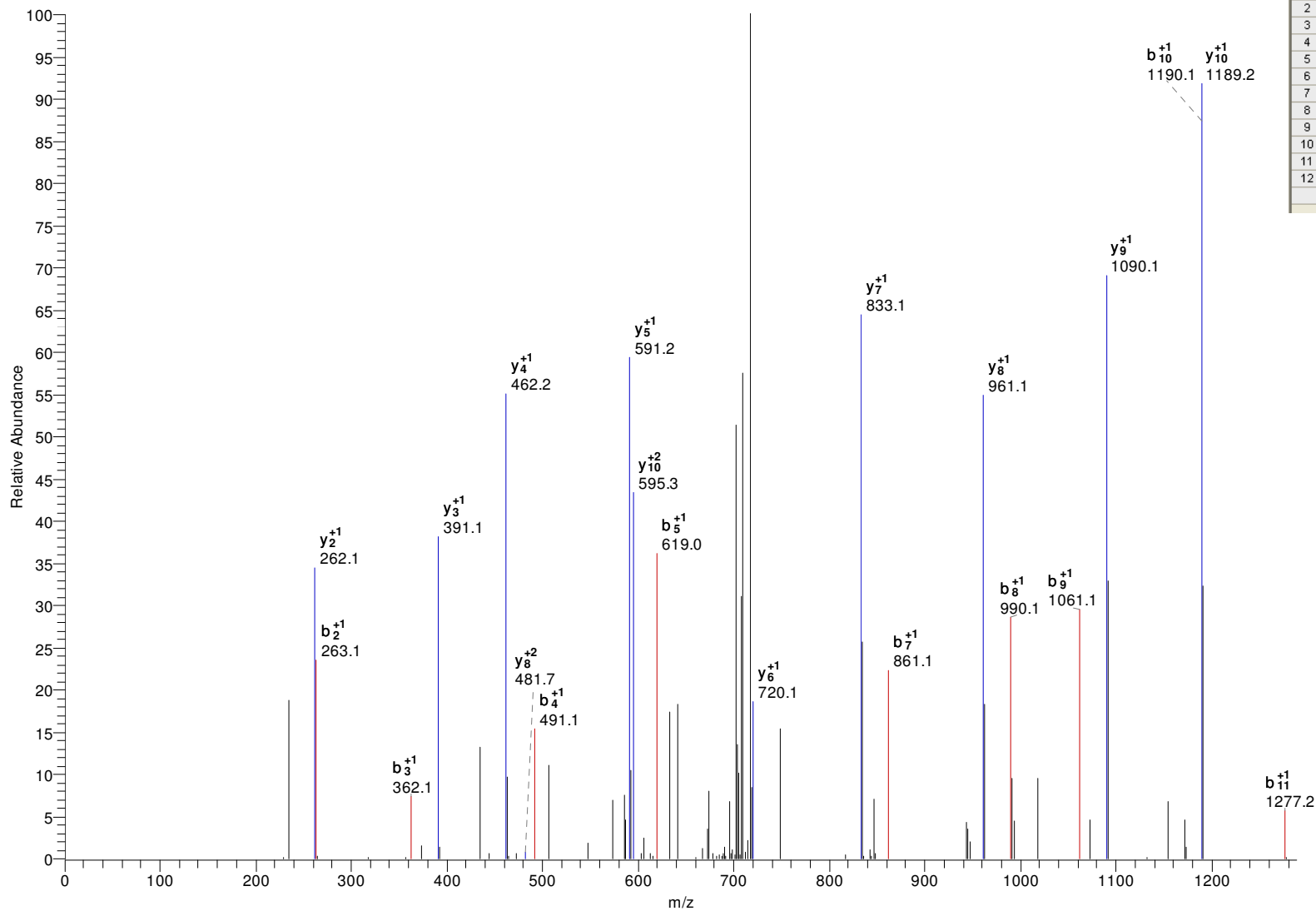
z=2

P(pep)=3.01E-05

Xcorr=3.98

DCn=0.36

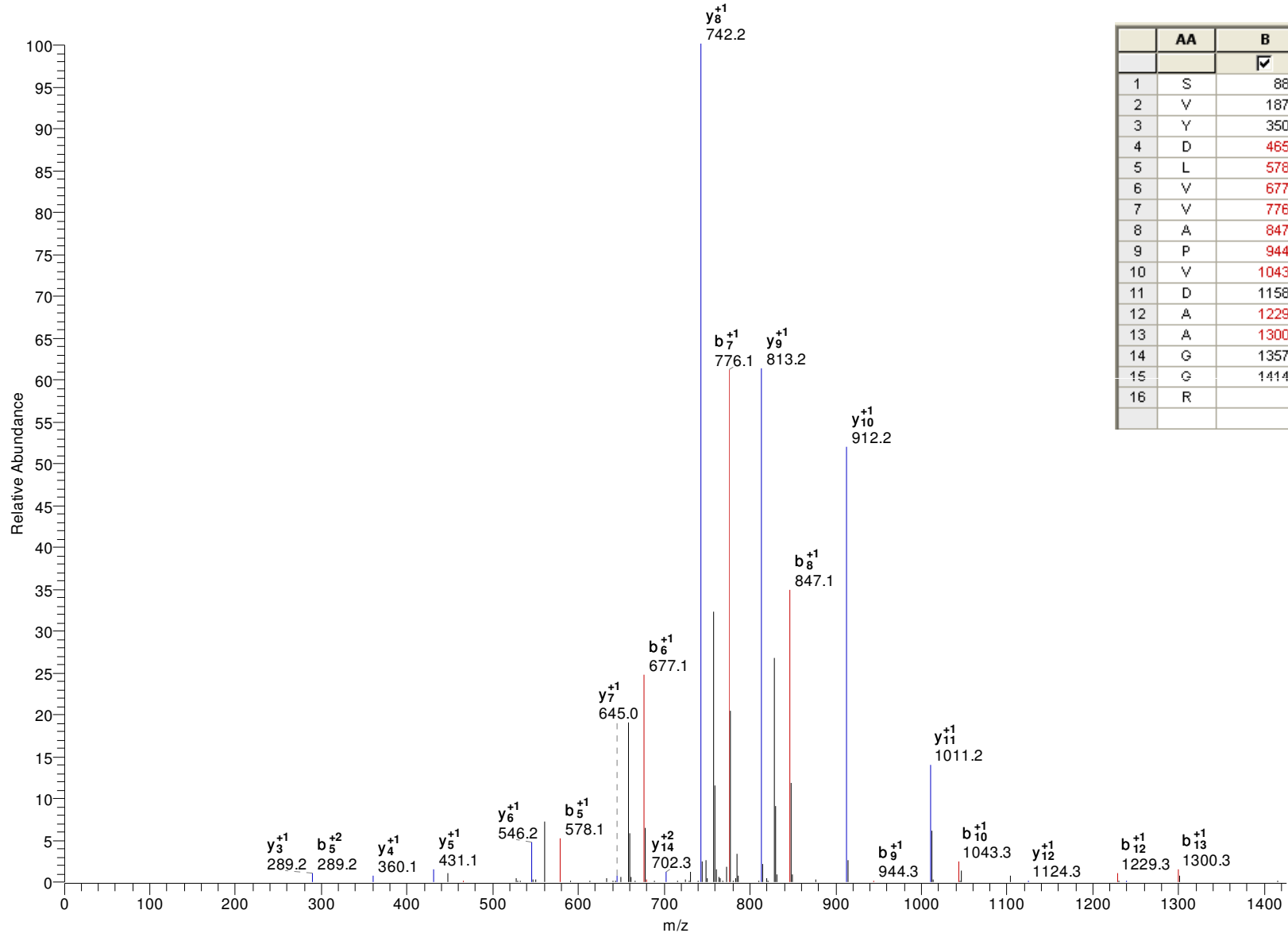
#3572-3572 NL: 9.38E1



	AA	B	Y	
1	Y	164.07	-	12
2	V	263.14	1288.64	11
3	V	362.21	1189.57	10
4	E	491.25	1090.50	9
5	Q	619.31	961.46	8
6	L	732.39	833.40	7
7	E	861.44	720.32	6
8	E	990.48	591.27	5
9	A	1061.51	462.23	4
10	E	1190.56	391.19	3
11	S	1277.59	262.15	2
12	R	-	175.12	1

gi|70874996|gb|EAN88612.1| small GTP-binding protein Rab11, putative [Trypanosoma cruzi]
 K.SVYDLVVAPVDAAGGR.R M+H=1588.833008 DeltaM=1.56609 z=2
 P(pep)=2.19E-07 Xcorr=3.84 DCn=0.42

#4558-4558 NL: 5.32E2



	AA	B	Y	
1	S	88.04	-	16
2	V	187.11	1501.80	15
3	Y	350.17	1402.73	14
4	D	465.20	1239.67	13
5	L	578.28	1124.64	12
6	V	677.35	1011.56	11
7	V	776.42	912.49	10
8	A	847.46	813.42	9
9	P	944.51	742.38	8
10	V	1043.58	645.33	7
11	D	1158.60	546.26	6
12	A	1229.64	431.24	5
13	A	1300.68	360.20	4
14	G	1357.70	289.16	3
15	G	1414.72	232.14	2
16	R	-	175.12	1

gi|70879856|gb|EAN92997.1| carbonic anhydrase-like protein, putative [Trypanosoma cruzi]

K.IENEVNTISVR.F

M+H=1273.674683

DeltaM=1.38201

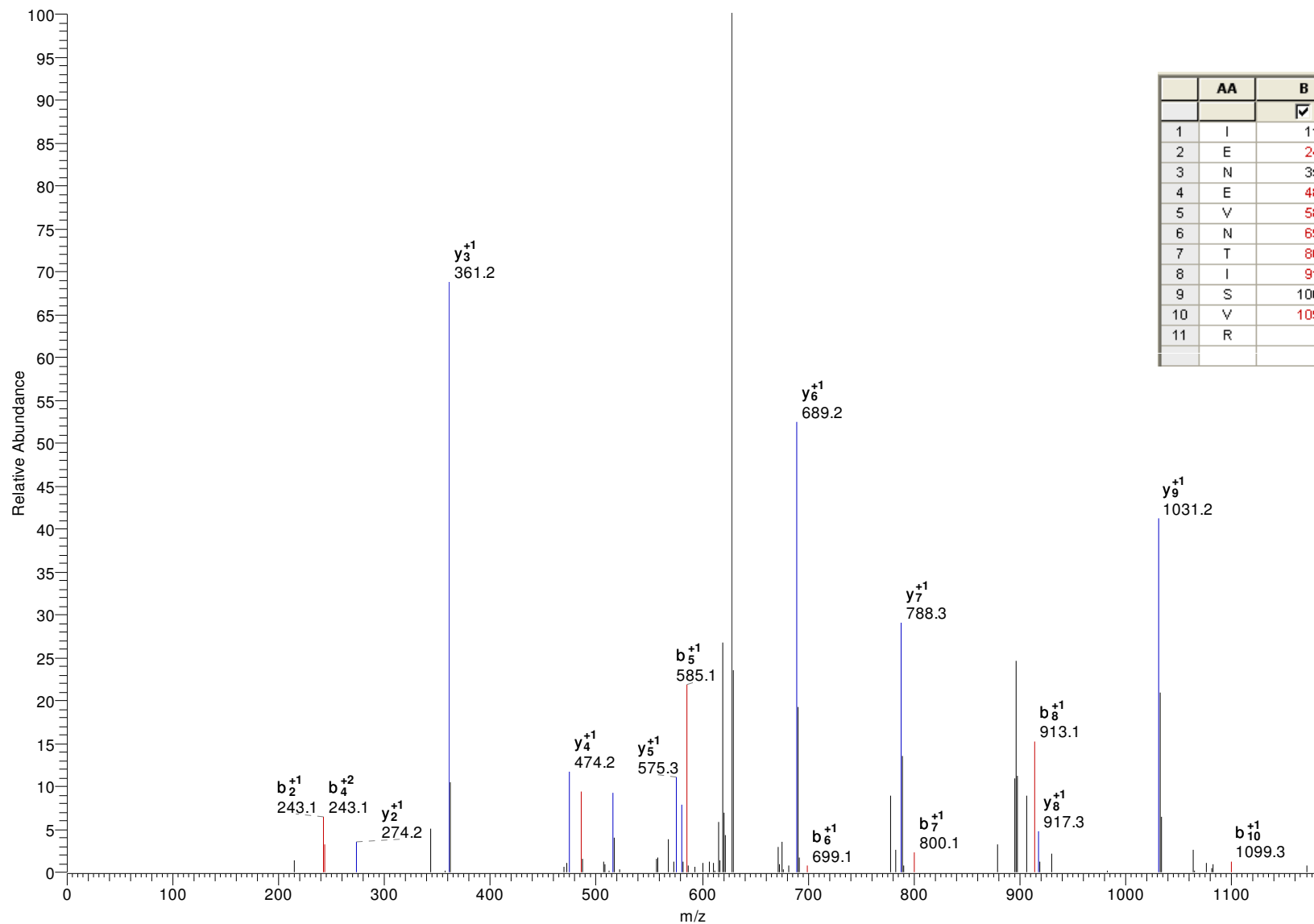
z=2

P(pep)=5.43E-06

Xcorr=3.44

DCn=0.35

#2657-2657 NL: 1.55E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	I	114.09	-	11
2	E	243.13	1160.59	10
3	N	357.18	1031.55	9
4	E	486.22	917.51	8
5	V	585.29	788.46	7
6	N	699.33	689.39	6
7	T	800.38	575.35	5
8	I	913.46	474.30	4
9	S	1000.49	361.22	3
10	V	1099.56	274.19	2
11	R	-	175.12	1

gi|929907|emb|CAA30150.1| unnamed protein product [Trypanosoma cruzi]

K.LAVNLVPFPR.L

M+H=1125.677856

DeltaM=1.01763

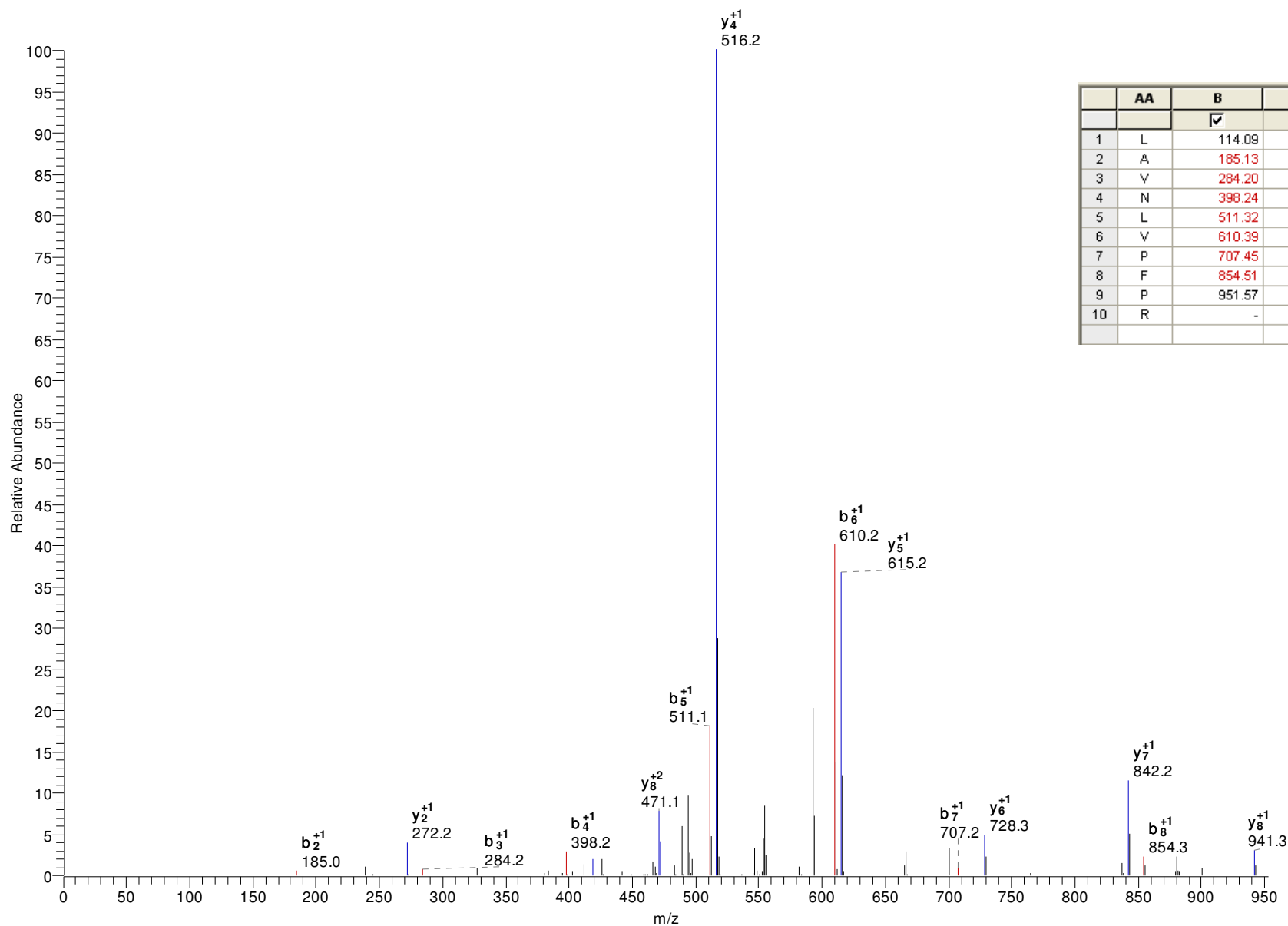
z=2

P(pep)=1.50E-4

Xcorr=3.19

DCn=0.36

#4634-4634 NL: 7.09E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	L	114.09	-	10
2	A	185.13	1012.59	9
3	V	284.20	941.56	8
4	N	398.24	842.49	7
5	L	511.32	728.45	6
6	V	610.39	615.36	5
7	P	707.45	516.29	4
8	F	854.51	419.24	3
9	P	951.57	272.17	2
10	R	-	175.12	1

gi|70885383|gb|EAN98205.1| 40S ribosomal protein S18, putative [Trypanosoma cruzi]

R.AGTLTAEELER.I

M+H=1189.605957

DeltaM=1.64922

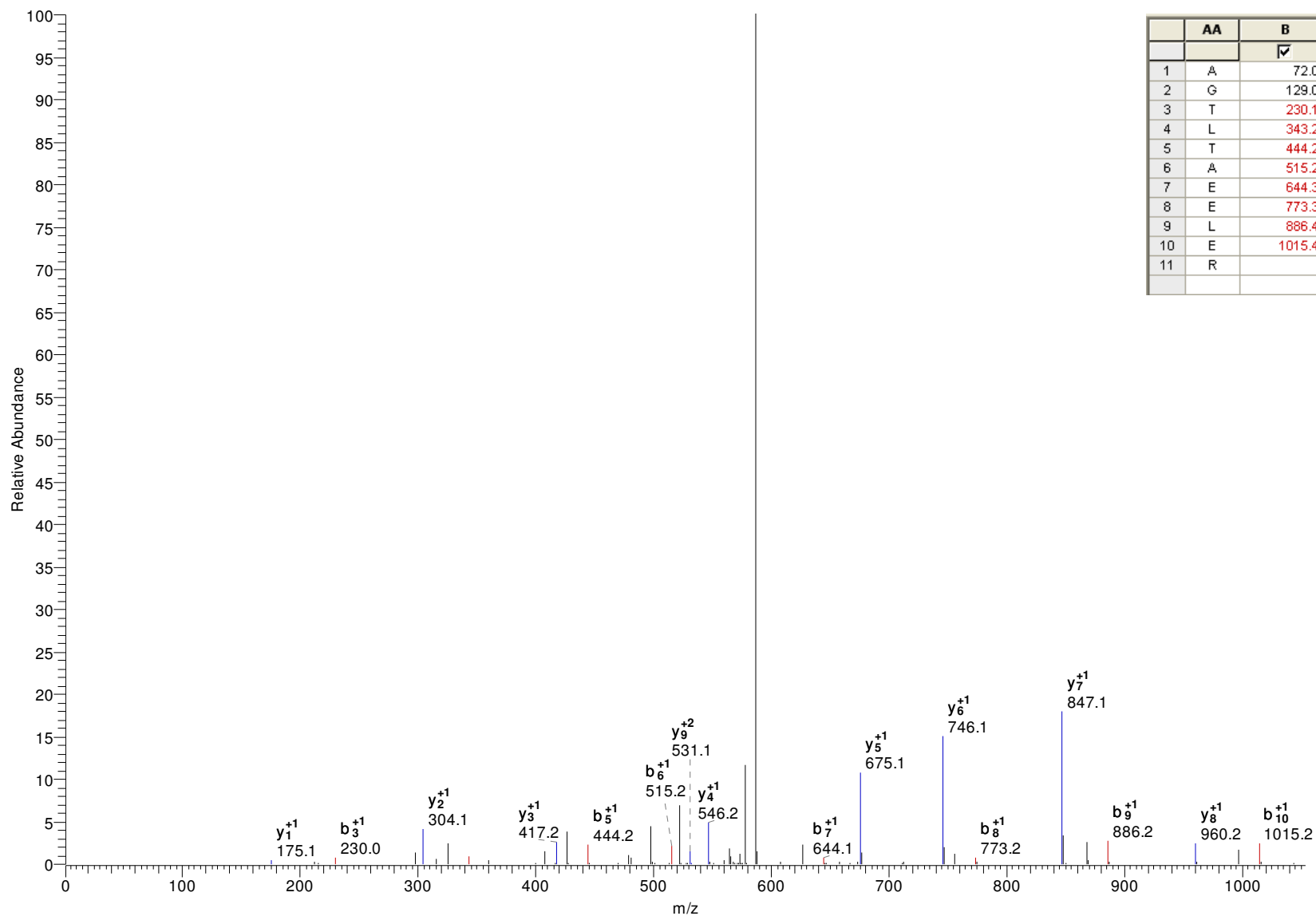
z=2

P(pep)=2.28E-4

Xcorr=3.15

DCn=0.36

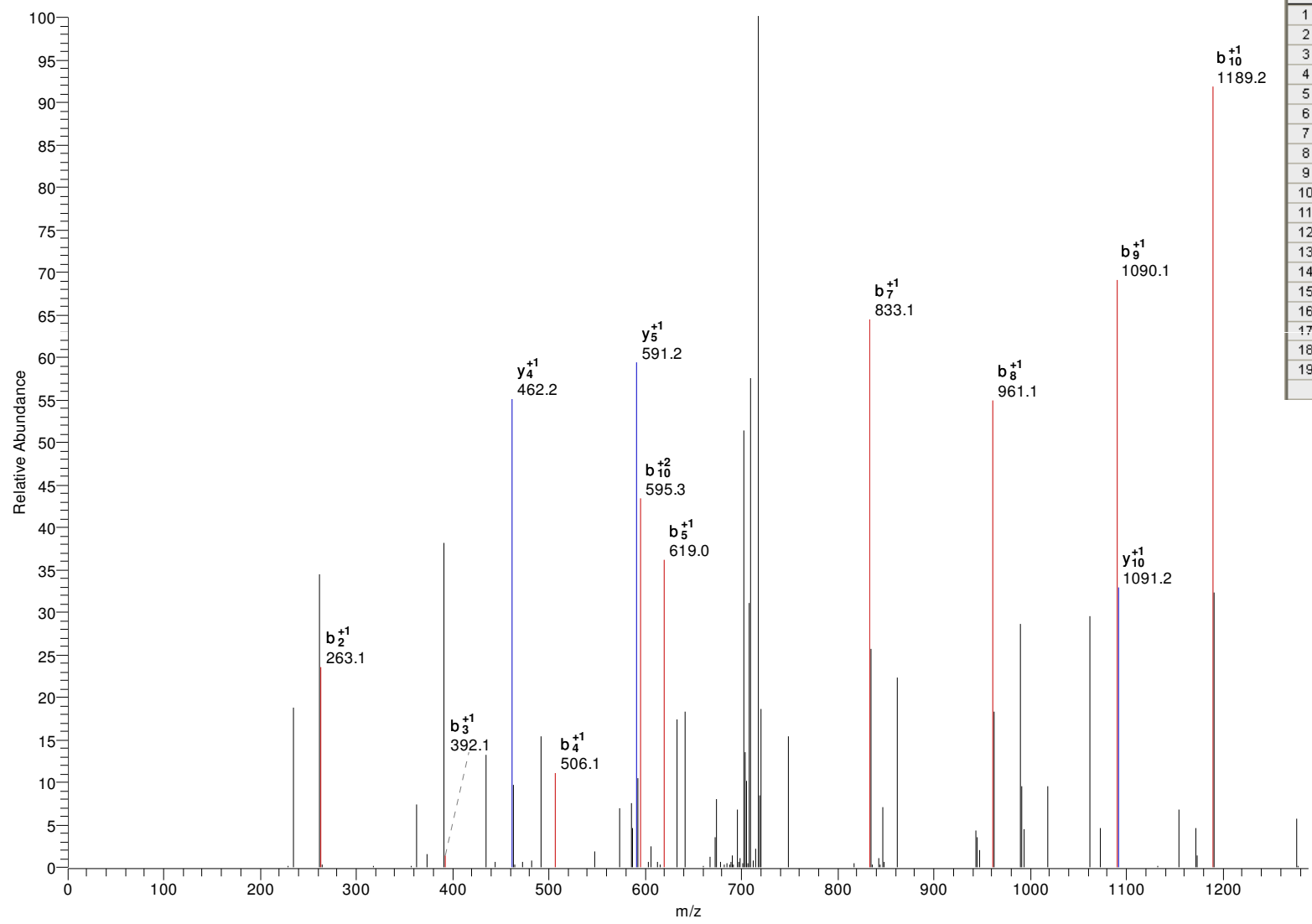
#2539-2539 NL: 8.58E2



	AA	B	Y	
		✓	✓	
1	A	72.04	-	11
2	G	129.07	1118.57	10
3	T	230.11	1061.55	9
4	L	343.20	960.50	8
5	T	444.25	847.42	7
6	A	515.28	746.37	6
7	E	644.32	675.33	5
8	E	773.37	546.29	4
9	L	886.45	417.25	3
10	E	1015.49	304.16	2
11	R	-	175.12	1

gi|70881500|gb|EAN94526.1| hypothetical protein, conserved [Trypanosoma cruzi]
 K.M*DENLDVQEVQDASEGTRE.- M+H=2180.924812 DeltaM=-1.88370 z=3
 P(pep)=1.99E-4 Xcorr=2.94 DCn=0.38

#3572-3572 NL: 9.38E1



	AA	B	Y	
		☑	☑	
1	M*	148.04	-	19
2	D	263.07	2033.89	18
3	E	392.11	1918.86	17
4	N	506.16	1789.82	16
5	L	619.24	1675.78	15
6	D	734.27	1562.69	14
7	V	833.33	1447.67	13
8	Q	961.39	1348.60	12
9	E	1090.44	1220.54	11
10	V	1189.50	1091.50	10
11	Q	1317.56	992.43	9
12	D	1432.59	864.37	8
13	A	1503.63	749.34	7
14	S	1590.66	678.31	6
15	E	1719.70	591.27	5
16	G	1776.72	462.23	4
17	T	1877.77	405.21	3
18	R	2033.87	304.16	2
19	E	-	148.06	1

gi|70871653|gb|EAN85763.1| small GTP-binding protein Rab1, putative [Trypanosoma cruzi]

K.DFADNLGIPFLETSAK.E

M+H=1737.869385

DeltaM=0.31108

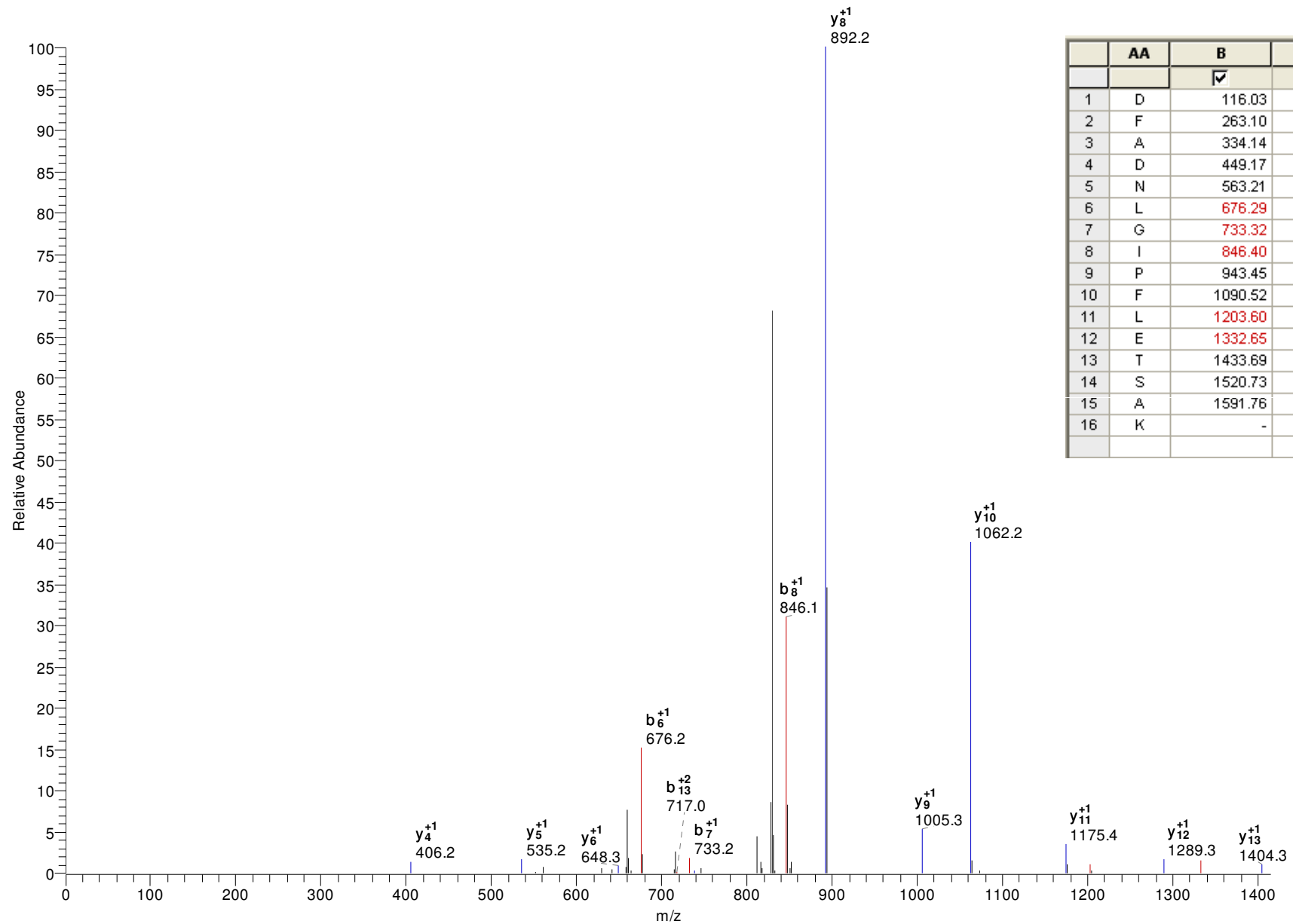
z=2

P(pep)=1.47E-05

Xcorr=2.93

DCn=0.47

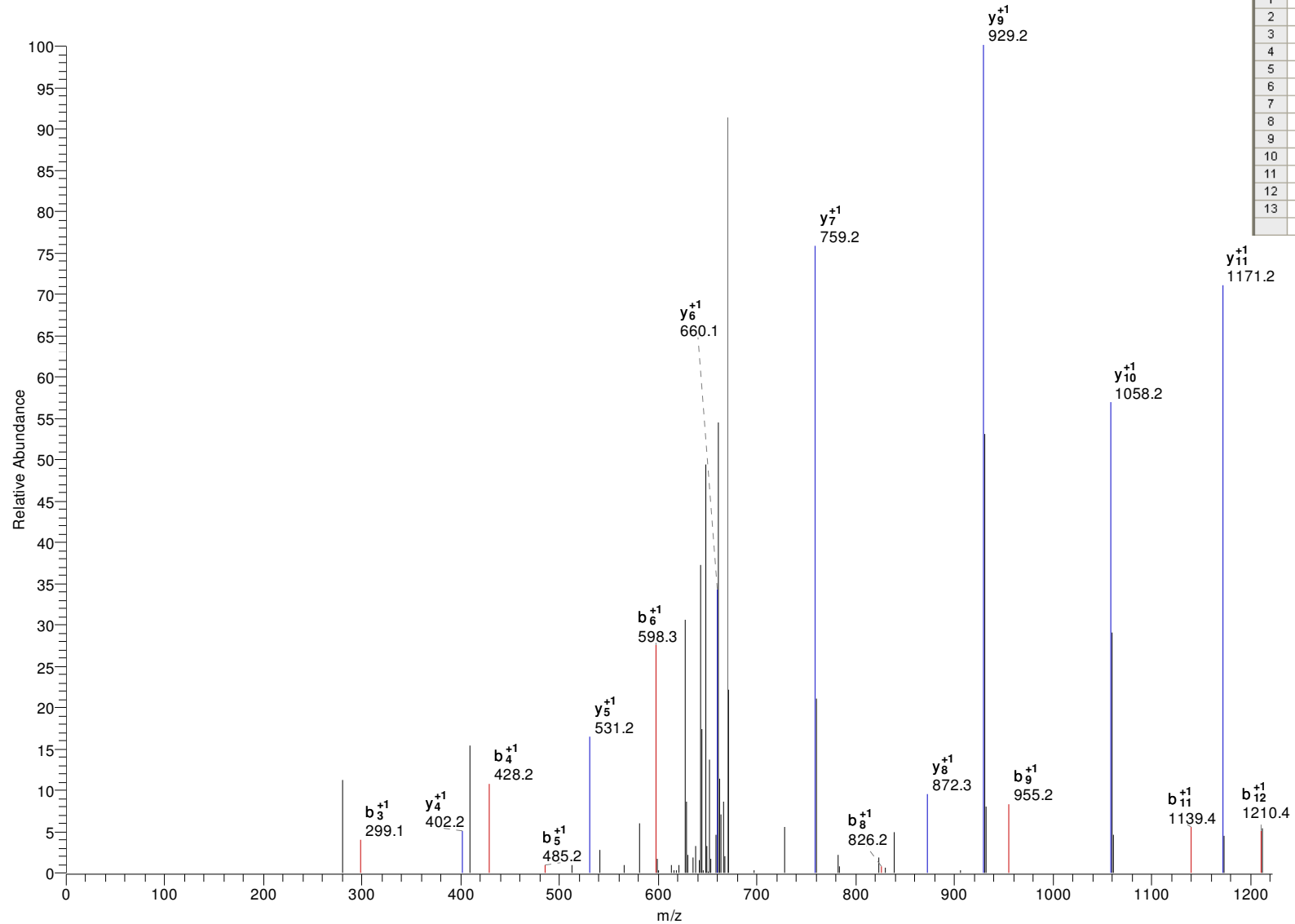
#5870-5870 NL: 2.24E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	D	116.03	-	16
2	F	263.10	1622.84	15
3	A	334.14	1475.77	14
4	D	449.17	1404.74	13
5	N	563.21	1289.71	12
6	L	676.29	1175.67	11
7	G	733.32	1062.58	10
8	I	846.40	1005.56	9
9	P	943.45	892.48	8
10	F	1090.52	795.42	7
11	L	1203.60	648.36	6
12	E	1332.65	535.27	5
13	T	1433.69	406.23	4
14	S	1520.73	305.18	3
15	A	1591.76	218.15	2
16	K	-	147.11	1

gi|70872485|gb|EAN86456.1| ubiquitin carboxyl-terminal hydrolase, putative [Trypanosoma cruzi]
K.GKLEGIVVEALAK.K M+H=1356.773315 DeltaM=1.74260 z=2
P(pep)=7.58E-06 Xcorr=2.92 DCn=0.45

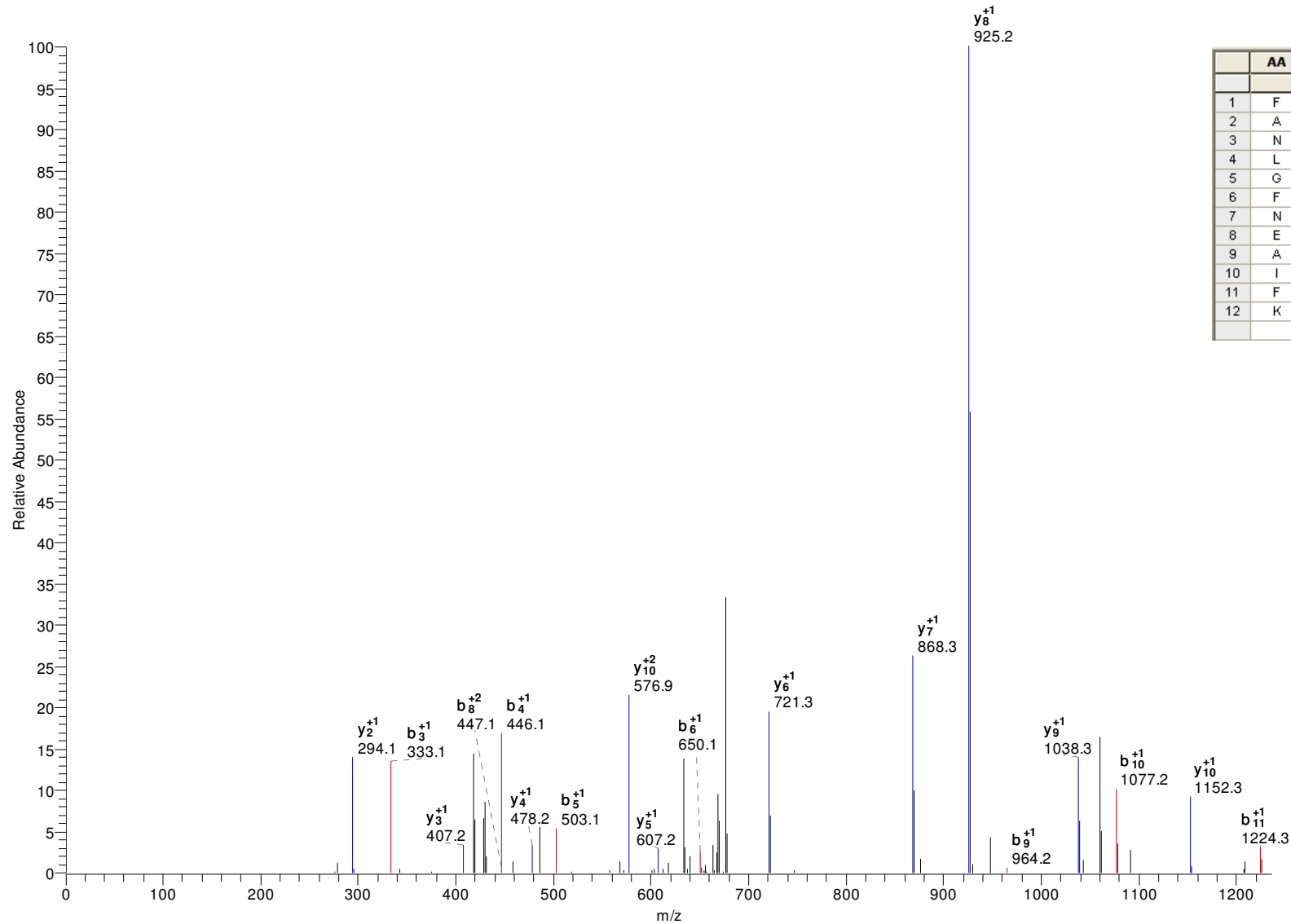
#4765-4765 NL: 4.74E1



	AA	B	Y	
1	G	58.03	-	13
2	K	186.12	1299.75	12
3	L	299.21	1171.66	11
4	E	428.25	1058.57	10
5	G	485.27	929.53	9
6	I	598.36	872.51	8
7	V	697.42	759.42	7
8	E	826.47	660.36	6
9	E	955.51	531.31	5
10	A	1026.55	402.27	4
11	L	1139.63	331.23	3
12	A	1210.67	218.15	2
13	K	-	147.11	1

gi|70874991|gb|EAN88607.1| nuclear transport factor 2, putative [Trypanosoma cruzi]
 R.FANLGFNEAIFK.A M+H=1370.710327 DeltaM=0.49553 z=2
 P(pep)=6.95E-09 Xcorr=2.92 DCn=0.48

#5041-5041 NL: 1.53E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	F	148.08	-	12
2	A	219.11	1223.64	11
3	N	333.16	1152.60	10
4	L	446.24	1038.56	9
5	G	503.26	925.48	8
6	F	650.33	868.46	7
7	N	764.37	721.39	6
8	E	893.42	607.34	5
9	A	964.45	478.30	4
10	I	1077.54	407.27	3
11	F	1224.60	294.18	2
12	K	-	147.11	1

gi|70869754|gb|EAN84258.1| cation transporter, putative [Trypanosoma cruzi]

R.GALSA AHLNSAR.R

M+H=1167.622925

DeltaM=0.49382

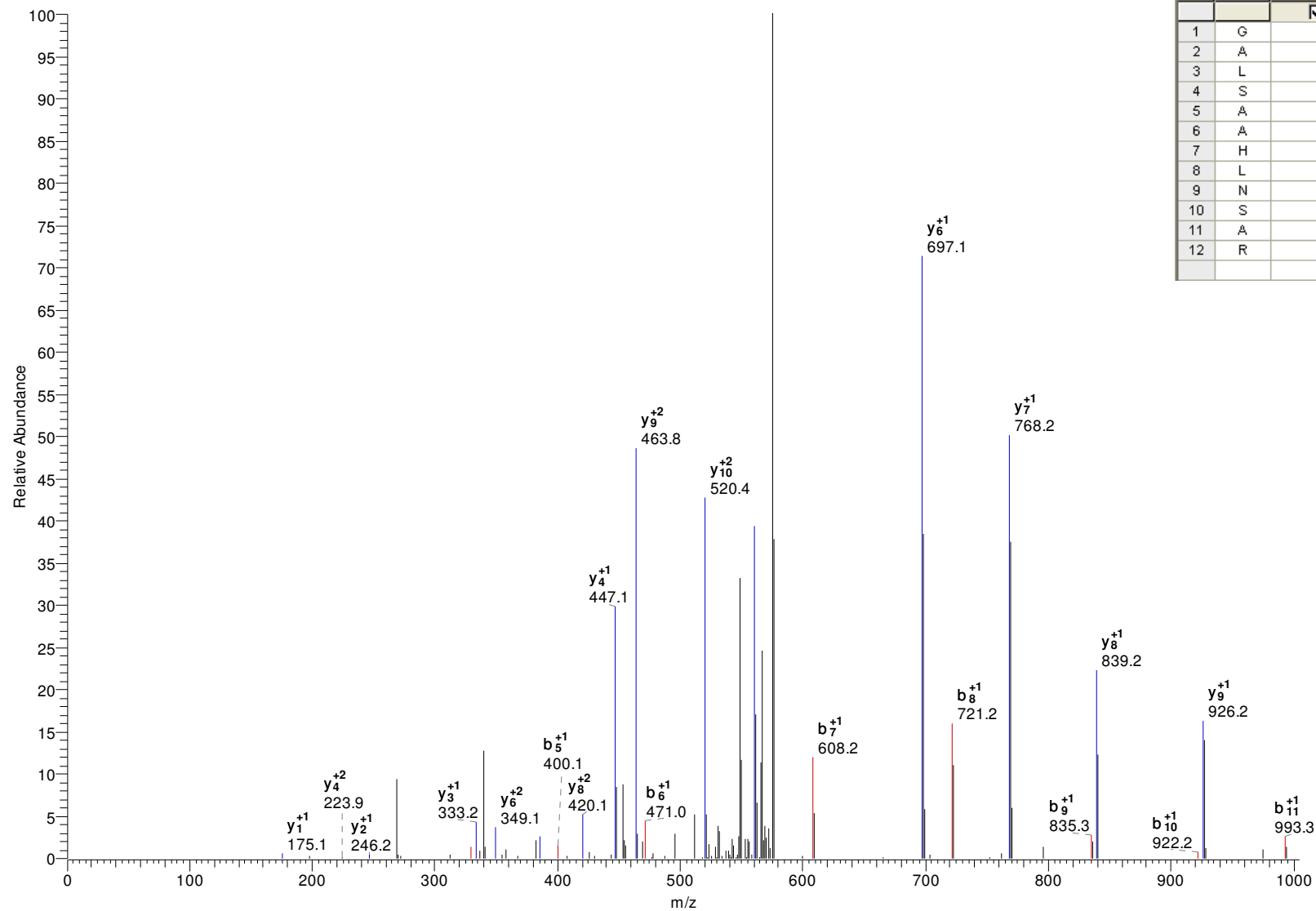
z=2

P(pep)=2.49E-06

Xcorr=2.90

DCn=0.45

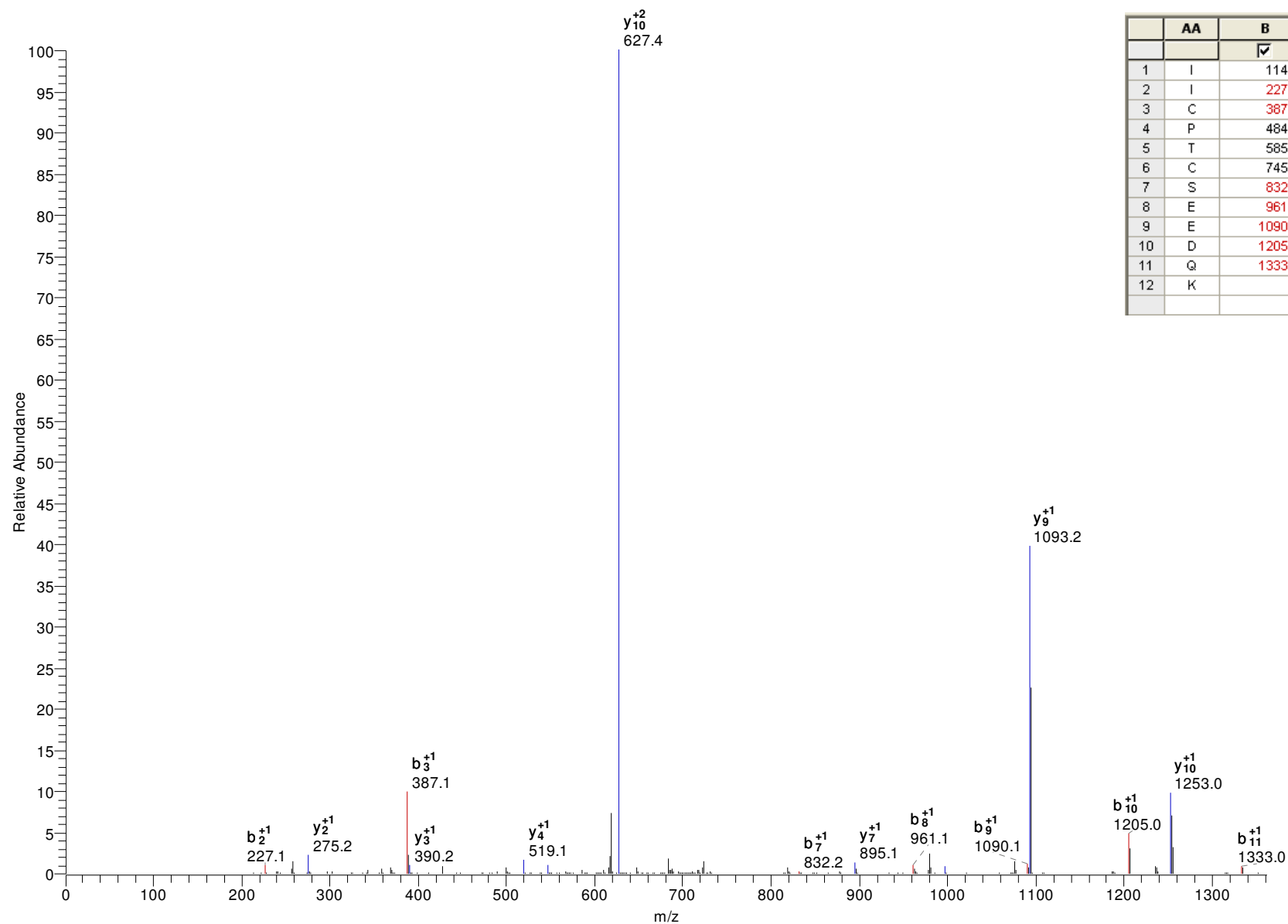
#2171-2171 NL: 1.74E2



	AA	B	Y	
		✓	✓	
1	G	58.03	-	12
2	A	129.07	1110.60	11
3	L	242.15	1039.56	10
4	S	329.18	926.48	9
5	A	400.22	839.45	8
6	A	471.26	768.41	7
7	H	608.32	697.37	6
8	L	721.40	560.32	5
9	N	835.44	447.23	4
10	S	922.47	333.19	3
11	A	993.51	246.16	2
12	R	-	175.12	1

gi|70874608|gb|EAN88271.1| hypothetical protein, conserved [Trypanosoma cruzi]
 K.IICPTCSEEDQK.E M+H=1479.645508 DeltaM=1.55449 z=2
 P(pep)=5.21E-06 Xcorr=2.85 DCn=0.39

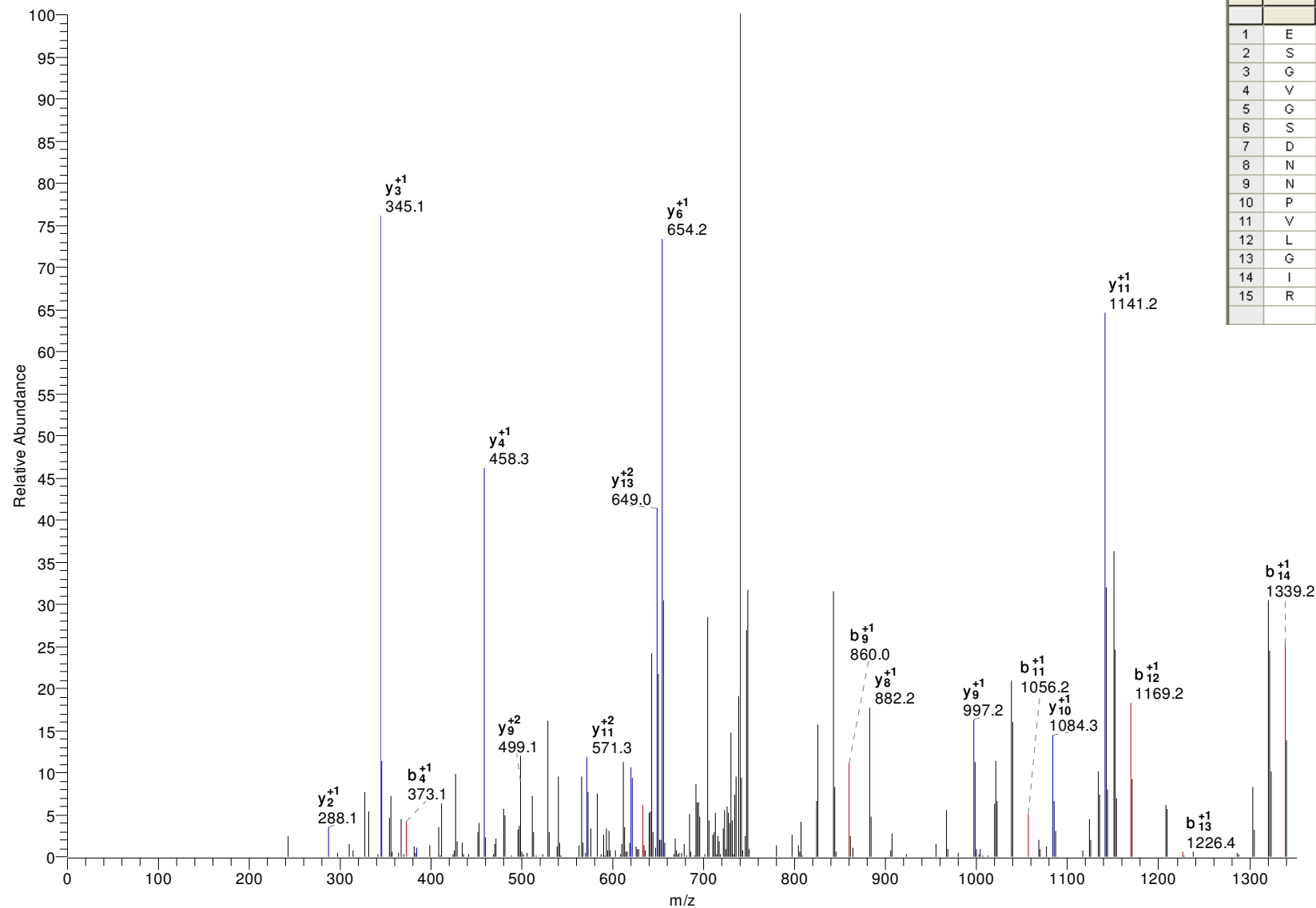
#2207-2207 NL: 7.82E3



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	I	114.09	-	12
2	I	227.18	1366.56	11
3	C	387.21	1253.48	10
4	P	484.26	1093.45	9
5	T	585.31	996.39	8
6	C	745.34	895.35	7
7	S	832.37	735.32	6
8	E	961.41	648.28	5
9	E	1090.45	519.24	4
10	D	1205.48	390.20	3
11	Q	1333.54	275.17	2
12	K	-	147.11	1

gi|70883212|gb|EAN96137.1| hypothetical protein, conserved [Trypanosoma cruzi]
K.ESGVGSDNNPVLGIR.Q M+H=1513.760498 DeltaM=1.24199 z=2
P(pep)=0.001287675 Xcorr=2.79 DCn=0.41

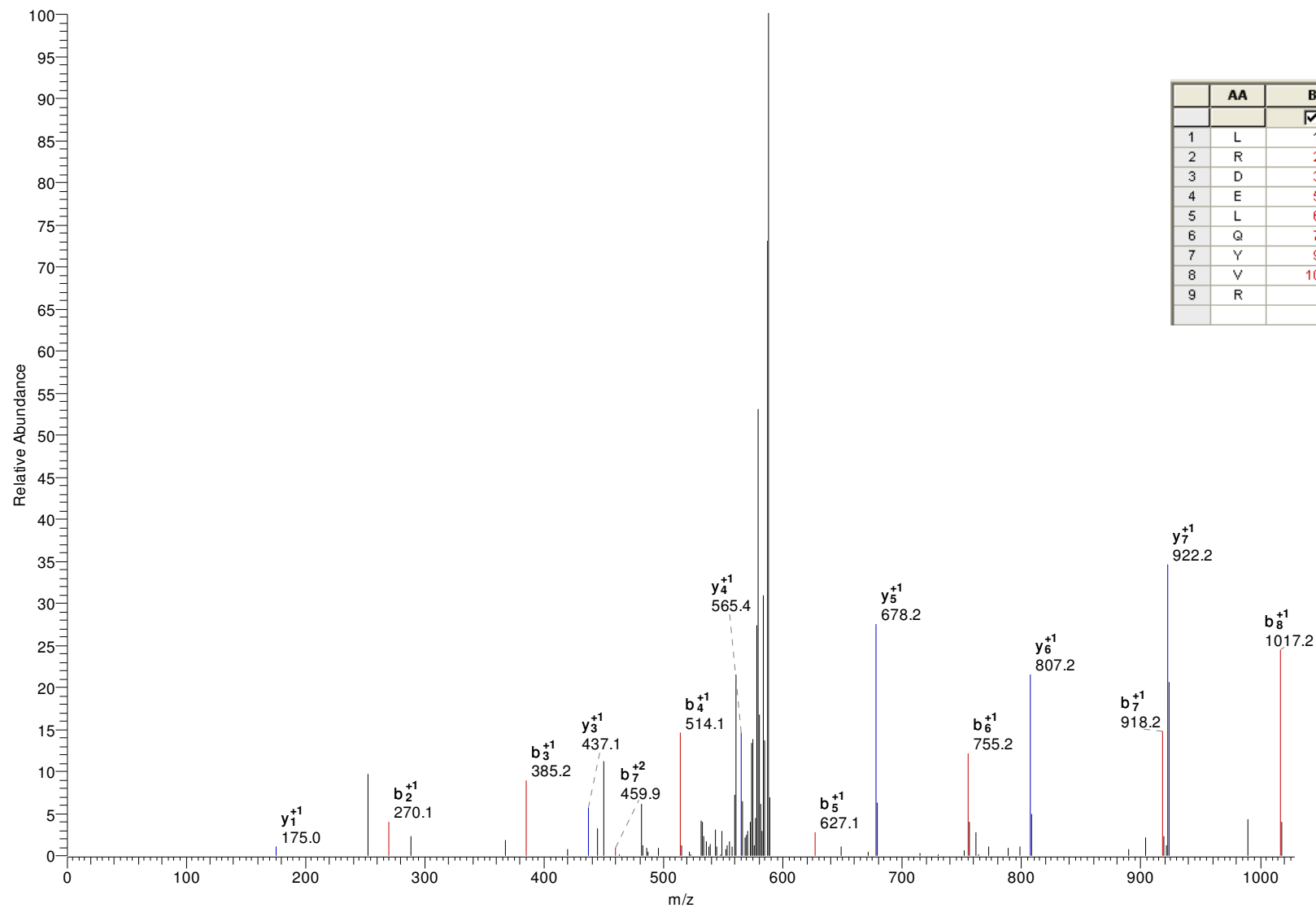
#3366-3366 NL: 1.31E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	E	130.05	-	15
2	S	217.08	1384.72	14
3	G	274.10	1297.69	13
4	V	373.17	1240.66	12
5	G	430.19	1141.60	11
6	S	517.23	1084.57	10
7	D	632.25	997.54	9
8	N	746.30	882.52	8
9	N	860.34	768.47	7
10	P	957.39	654.43	6
11	V	1056.46	557.38	5
12	L	1169.54	458.31	4
13	G	1226.56	345.22	3
14	I	1339.65	288.20	2
15	R	-	175.12	1

gi|70884474|gb|EAN97332.1| hypothetical protein, conserved [Trypanosoma cruzi]
R.LRDELQYVR.H M+H=1191.648071 DeltaM=0.19036 z=2
P(pep)=8.82E-05 Xcorr=2.42E+00 DCn=0.29

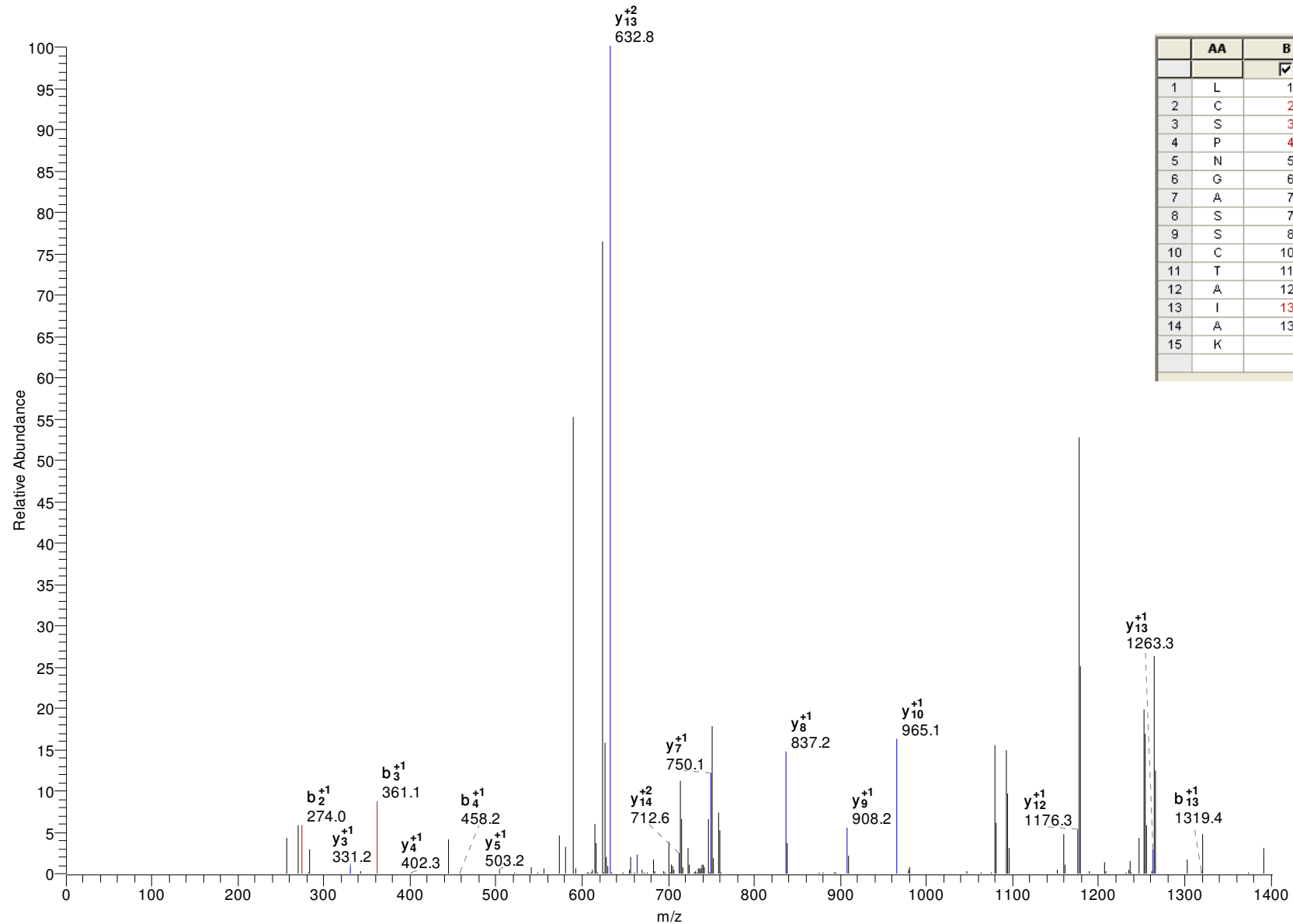
#2943-2943 NL: 5.65E1



	AA	B	Y	
1	L	114.09	-	9
2	R	270.19	1078.56	8
3	D	385.22	922.46	7
4	E	514.26	807.44	6
5	L	627.35	678.39	5
6	Q	755.40	565.31	4
7	Y	918.47	437.25	3
8	V	1017.54	274.19	2
9	R	-	175.12	1

gi|70870799|gb|EAN85068.1| membrane-bound acid phosphatase, putative [Trypanosoma cruzi]
K.LCSPNGASSCTAIK.R M+H=1536.7146 DeltaM=0.52739 z=2
P(pep)=1.24E-05 Xcorr=2.57 DCn=0.26

#2225-2225 NL: 3.97E2



	AA	B	Y	
		✓	✓	
1	L	114.09	-	15
2	C	274.12	1423.63	14
3	S	361.15	1263.60	13
4	P	458.21	1176.57	12
5	N	572.25	1079.52	11
6	G	629.27	965.47	10
7	A	700.31	908.45	9
8	S	787.34	837.41	8
9	S	874.37	750.38	7
10	C	1034.40	663.35	6
11	T	1135.45	503.32	5
12	A	1206.49	402.27	4
13	I	1319.57	331.23	3
14	A	1390.61	218.15	2
15	K	-	147.11	1

gi|19171158|emb|CAC85916.1| tryparedoxin [Trypanosoma cruzi]

R.GFTPTLVEFYEK.F

P(pep)=8.09E-05

M+H=1430.720215

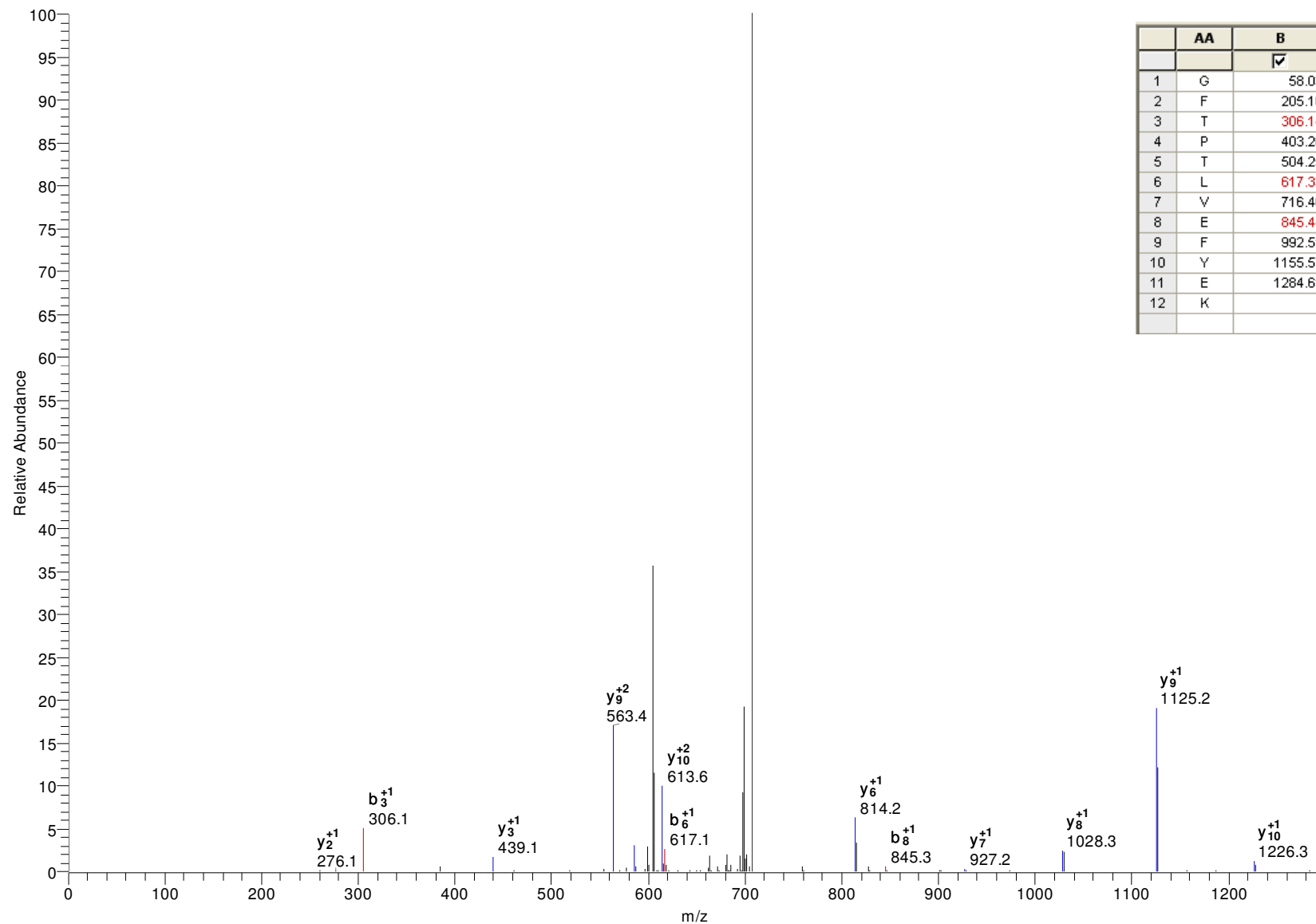
Xcorr=2.40

DeltaM=1.66142

z=2

DCn=0.44

#5250-5250 NL: 4.69E2



	AA	B	Y	
		✓	✓	
1	G	58.03	-	12
2	F	205.10	1373.70	11
3	T	306.14	1226.63	10
4	P	403.20	1125.58	9
5	T	504.25	1028.53	8
6	L	617.33	927.48	7
7	V	716.40	814.40	6
8	E	845.44	715.33	5
9	F	992.51	586.29	4
10	Y	1155.57	439.22	3
11	E	1284.61	276.16	2
12	K	-	147.11	1

gi|70873320|gb|EAN87155.1| GPR1/FUN34/yaaH family, putative [Trypanosoma cruzi]

R.TLLPLFPPCIR.R

M+H=1326.760254

DeltaM=0.73589

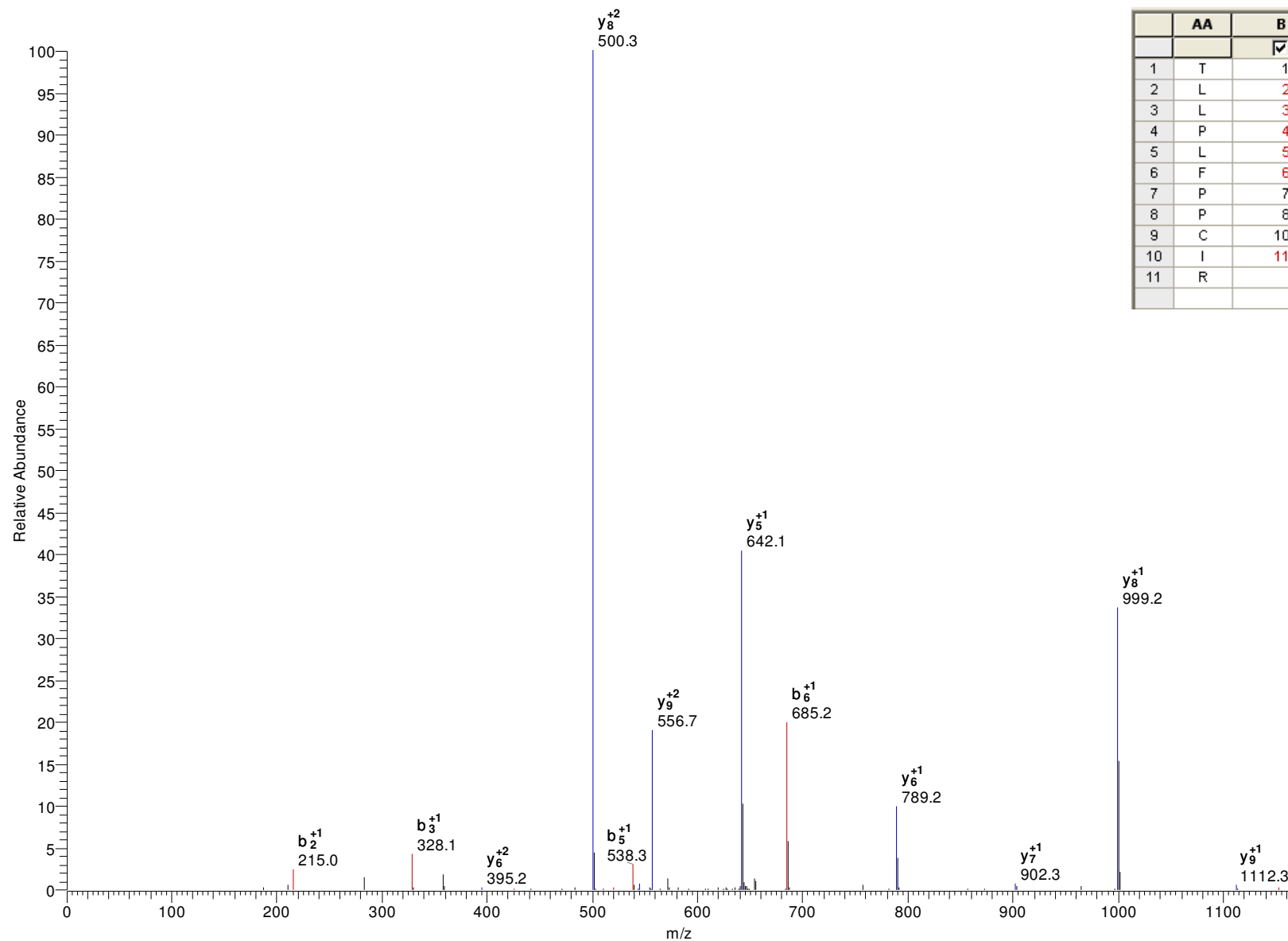
z=2

P(pep)=0.000991065

Xcorr=2.23

DCn=0.25

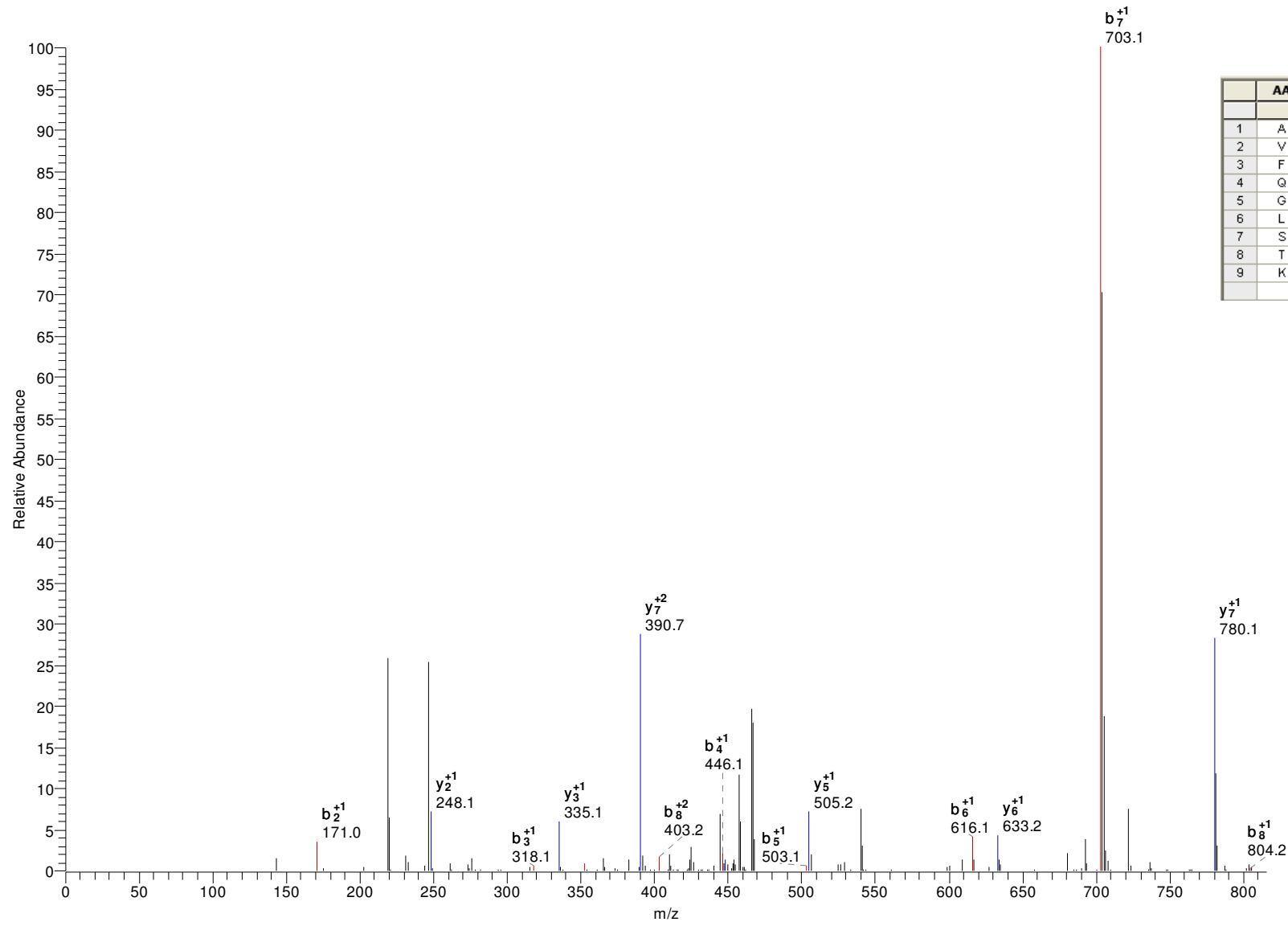
#6101-6101 NL:1.14E3



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	T	102.05	-	11
2	L	215.14	1225.71	10
3	L	328.22	1112.63	9
4	P	425.28	999.54	8
5	L	538.36	902.49	7
6	F	685.43	789.41	6
7	P	782.48	642.34	5
8	P	879.53	545.29	4
9	C	1039.56	448.23	3
10	I	1152.65	288.20	2
11	R	-	175.12	1

gi|70876860|gb|EAN90267.1| hypothetical protein, conserved [Trypanosoma cruzi]
 -.AVFQGLSTK.- M+H=950.5305786 DeltaM=1.20250 z=2
 P(pep)0.000282484 Xcorr=2.17 DCn=0.36

#2779-2779 NL: 5.78E2



	AA	B	Y	
		✓	✓	
1	A	72.04	-	9
2	V	171.11	879.49	8
3	F	318.18	780.43	7
4	Q	446.24	633.36	6
5	G	503.26	505.30	5
6	L	616.35	448.28	4
7	S	703.38	335.19	3
8	T	804.43	248.16	2
9	K	-	147.11	1

gi|70886206|gb|EAN98994.1| hypothetical protein, conserved [Trypanosoma cruzi]

-.TGQFVLDDAPK.-

M+H=1190.605225

DeltaM=1.01494

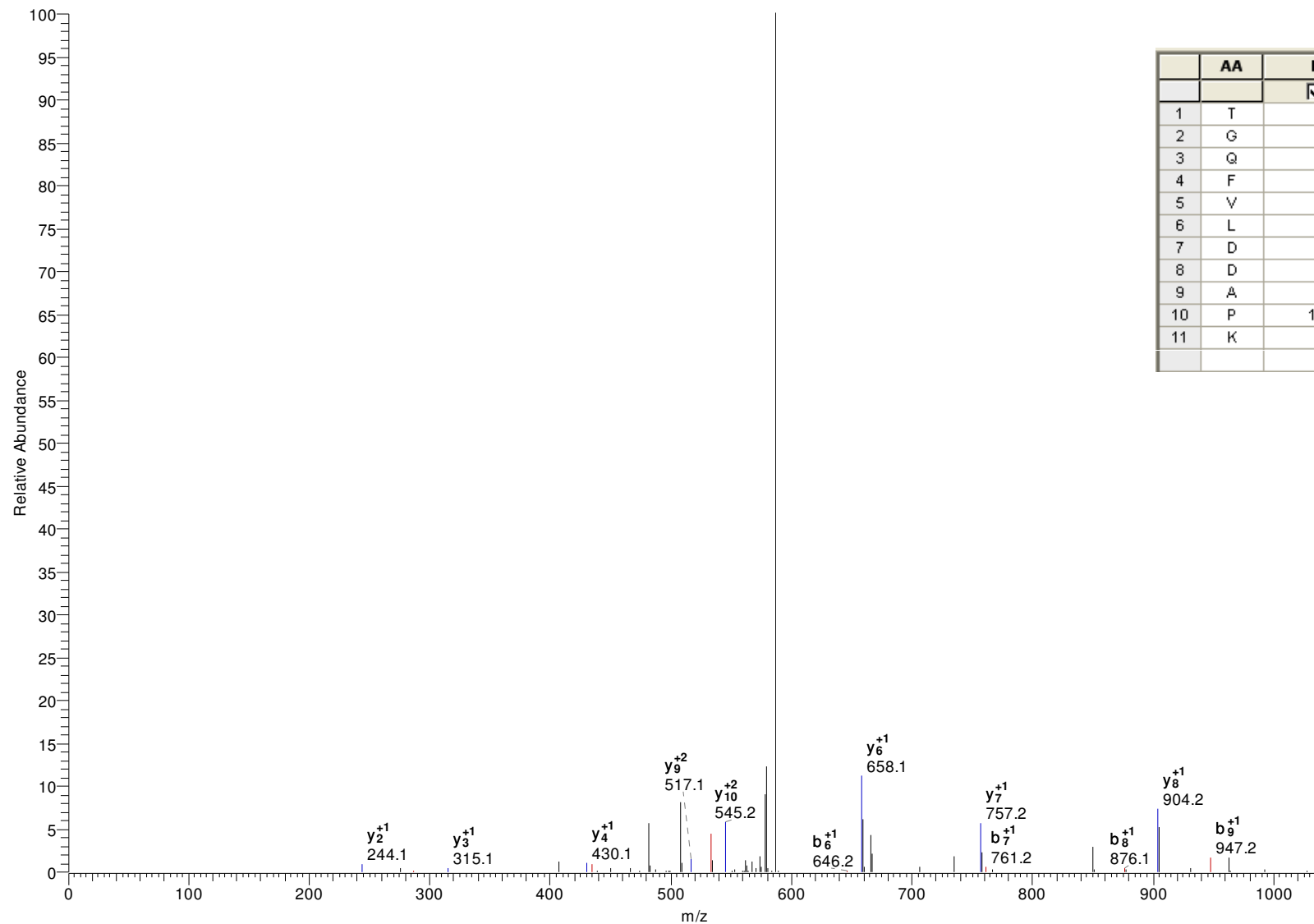
z=2

P(pep)=4.41E-05

Xcorr=2.11

DCn=0.22

#3294-3294 NL: 2.62E2



	AA	B	Y	
		✓	✓	
1	T	102.05	-	11
2	G	159.08	1089.56	10
3	Q	287.13	1032.54	9
4	F	434.20	904.48	8
5	V	533.27	757.41	7
6	L	646.36	658.34	6
7	D	761.38	545.26	5
8	D	876.41	430.23	4
9	A	947.45	315.20	3
10	P	1044.50	244.17	2
11	K	-	147.11	1

gi|70877369|gb|EAN90722.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.LCELYELLR.D

M+H=1208.634399

DeltaM=1.40215

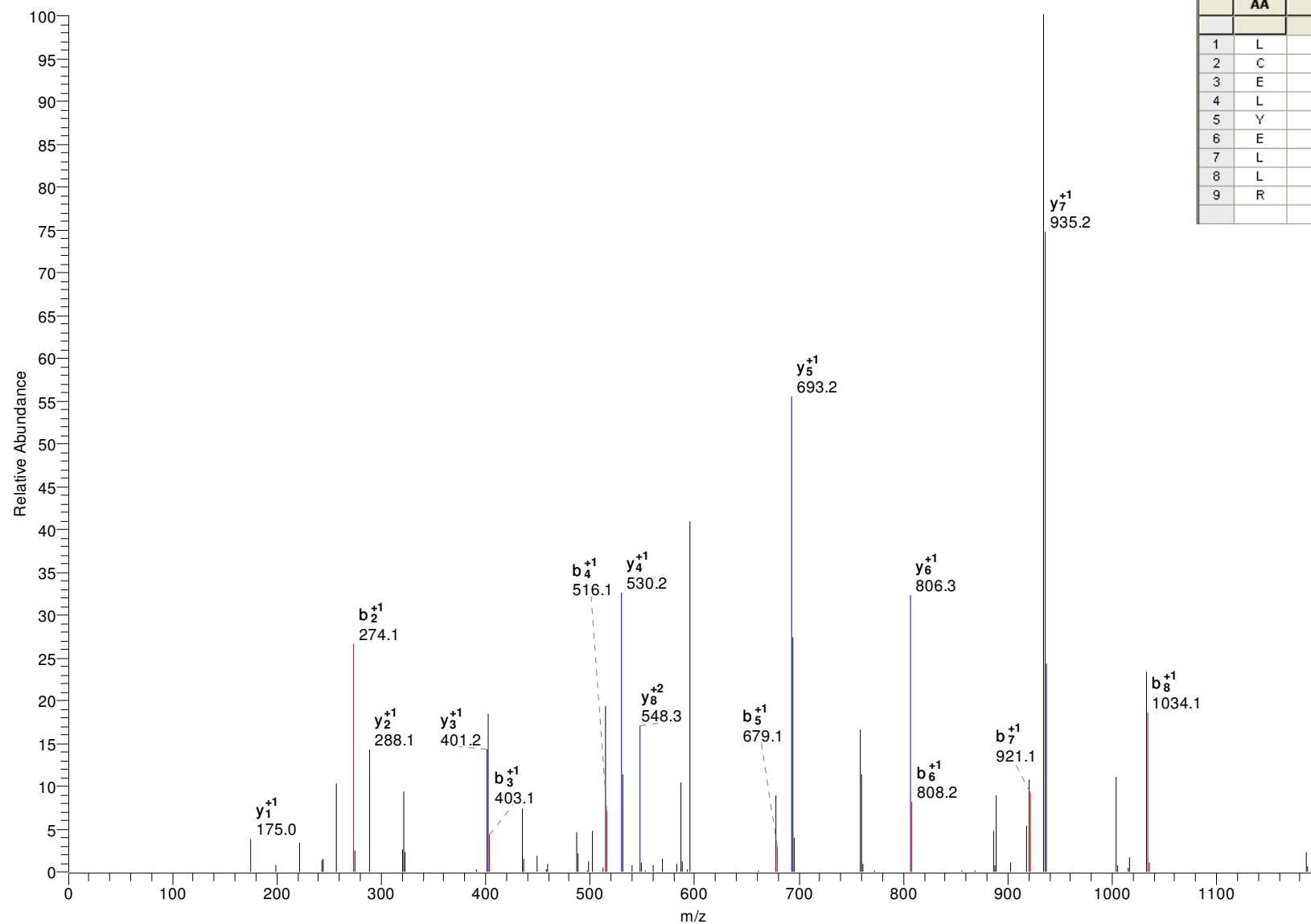
z=2

P(pep)=0.000799388

Xcorr=3.44

DCn=0.18

#4903-4903 NL: 1.77E2



	AA	B	Y	
		✓	✓	
1	L	114.09	-	9
2	C	274.12	1095.55	8
3	E	403.16	935.52	7
4	L	516.25	806.48	6
5	Y	679.31	693.39	5
6	E	808.35	530.33	4
7	L	921.44	401.29	3
8	L	1034.52	288.20	2
9	R	-	175.12	1

gi|70877823|gb|EAN91132.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.FQEMSDTIITR.I

M+H=1340.651489

DeltaM=0.14543

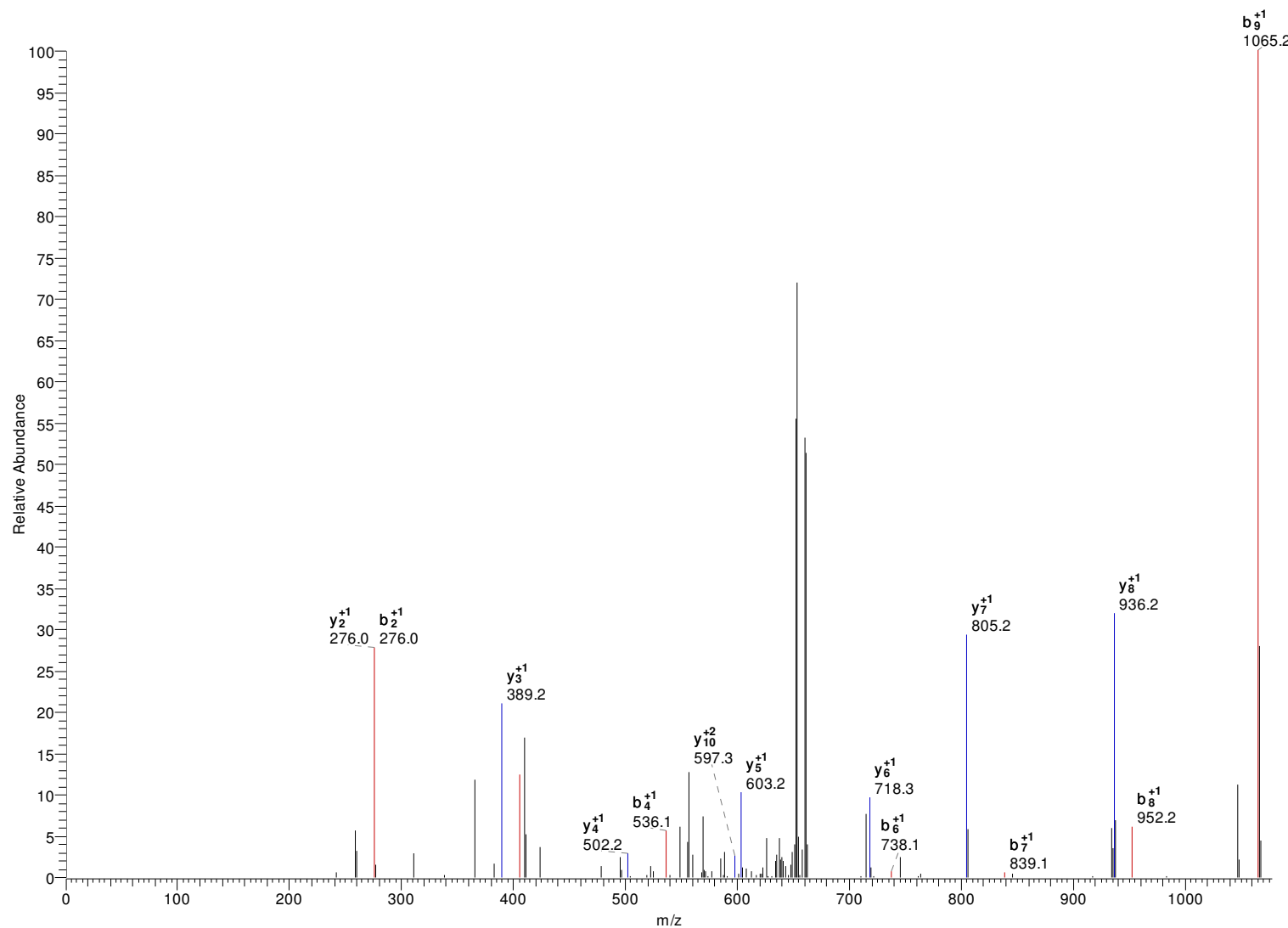
z=2

P(pep)=0.000324736

Xcorr=2.27

DCn=0.11

#3118-3118 NL: 1.30E2



	AA	B	Y	
		✓	✓	
1	F	148.08	-	11
2	Q	276.13	1193.58	10
3	E	405.18	1065.52	9
4	M	536.22	936.48	8
5	S	623.25	805.44	7
6	D	738.28	718.41	6
7	T	839.32	603.38	5
8	I	952.41	502.33	4
9	i	1065.43	389.25	3
10	T	1166.54	276.17	2
11	R	-	175.12	1

gi|70881464|gb|EAN94492.1| protein tyrosine phosphatase, putative [Trypanosoma cruzi]

R.VCGPTYDASQLEK.D

M+H=1467.678467

DeltaM=0.43413

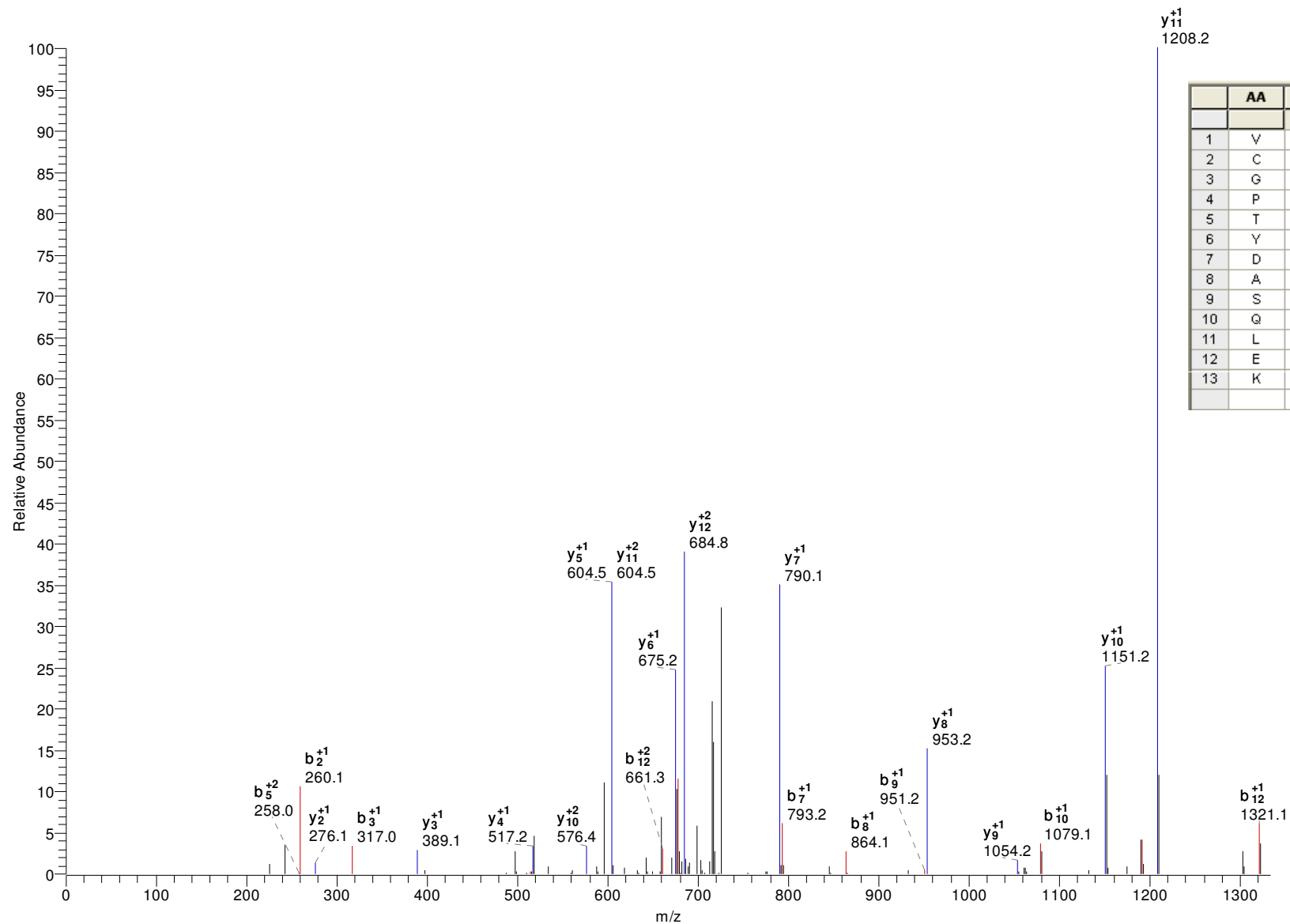
z=2

P(pep)=1.20E-08

Xcorr=4.32E+00

DCn=0.54

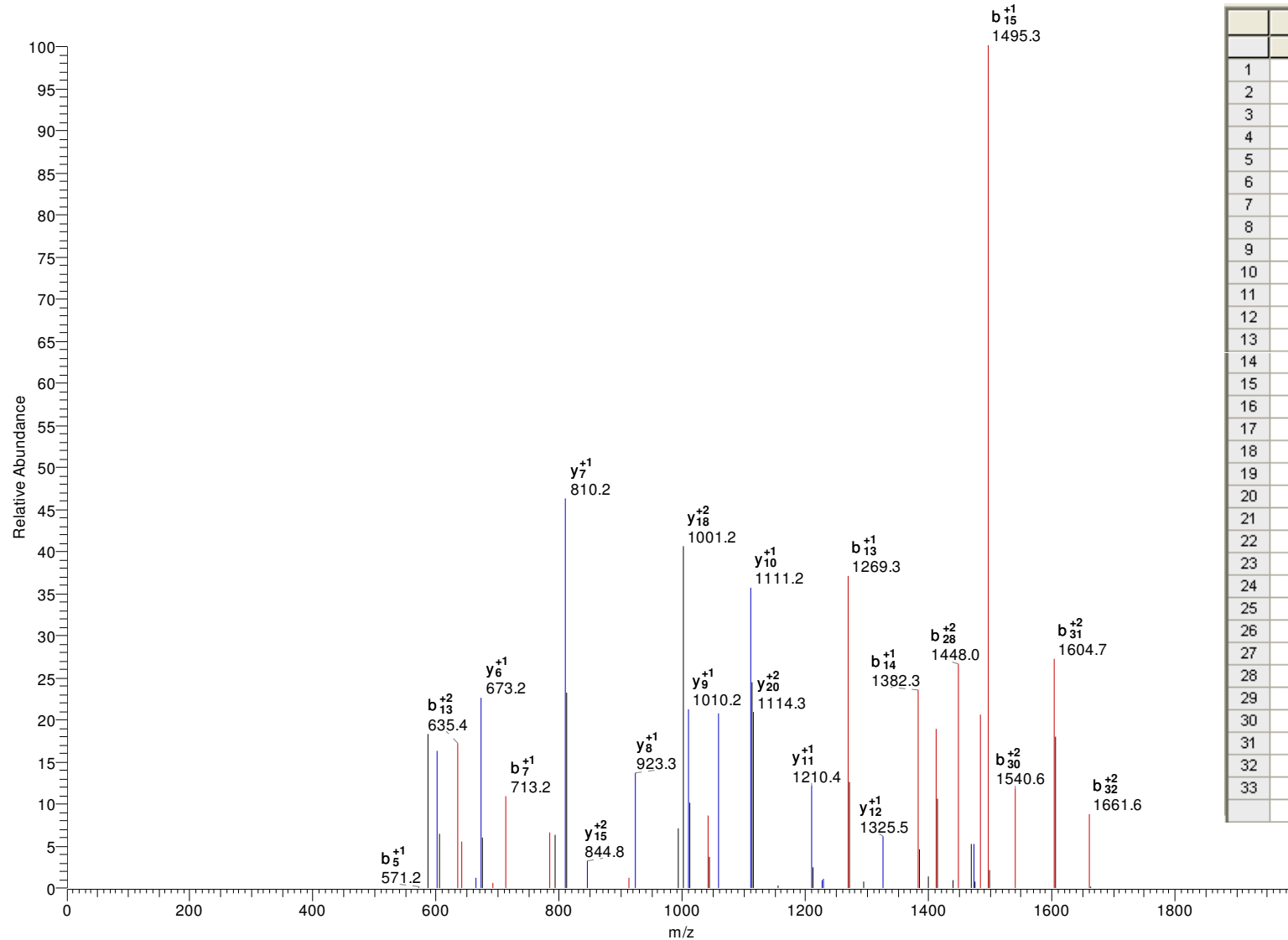
#2447-2447 NL: 1.88E2



	AA	B	Y	
		✓	✓	
1	V	100.08	-	13
2	C	260.11	1368.61	12
3	G	317.13	1208.58	11
4	P	414.18	1151.56	10
5	T	515.23	1054.51	9
6	Y	678.29	953.46	8
7	D	793.32	790.39	7
8	A	864.36	675.37	6
9	S	951.39	604.33	5
10	Q	1079.45	517.30	4
11	L	1192.53	389.24	3
12	E	1321.57	276.16	2
13	K	-	147.11	1

gi|70880722|gb|EAN93801.1| hypothetical protein, conserved [Trypanosoma cruzi]
 R.RGEVEAAEEAGVLLPSESEFDVTSLHAALENR.E M+H=3496.718994 DeltaM=0.92942
 z=3 P(pep)=1.00E-30 Xcorr=5.51 DCn=0.57

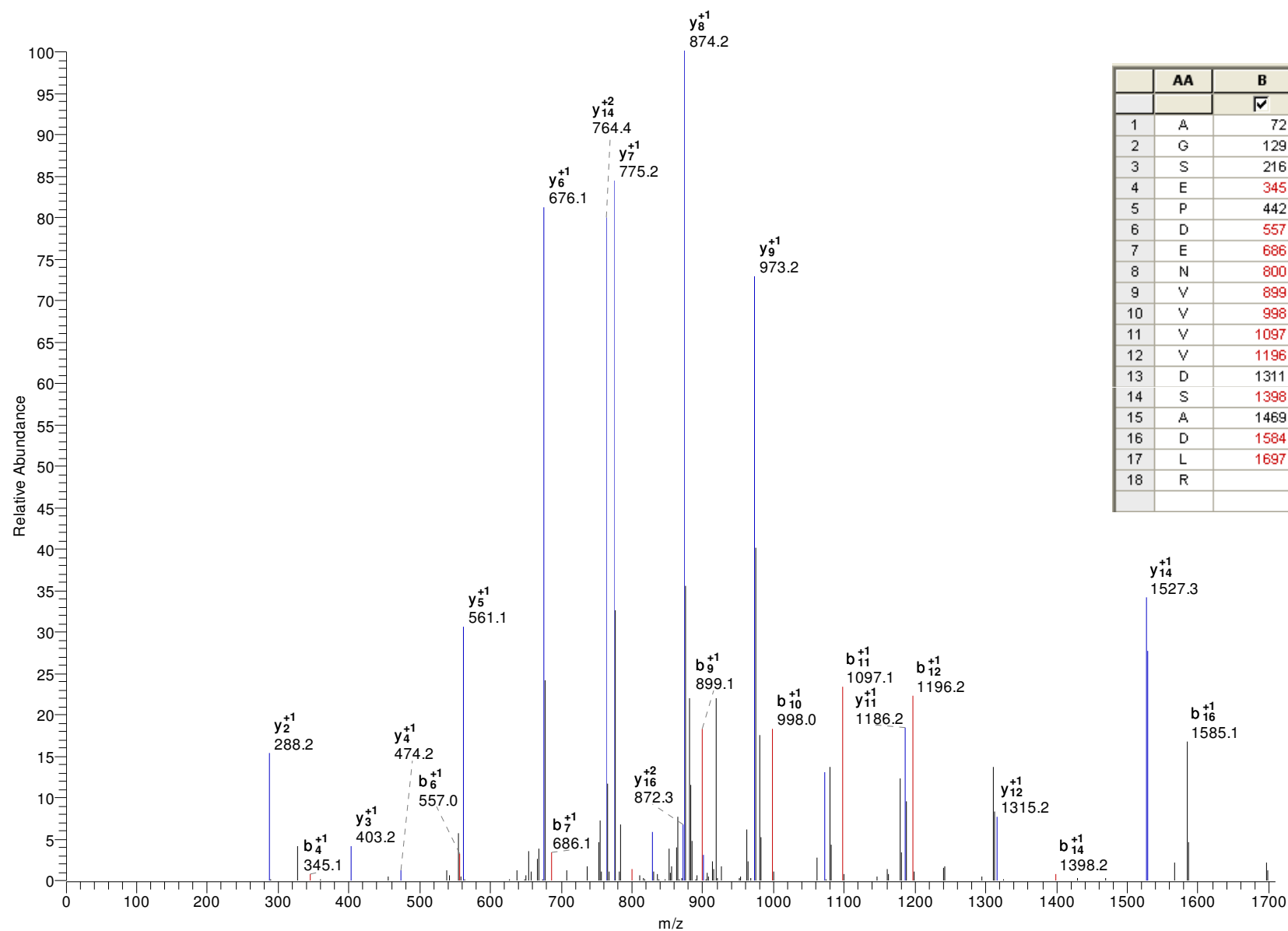
#5652-5652 NL: 4.09E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	R	157.11	-	33
2	G	214.13	3340.62	32
3	E	343.17	3283.60	31
4	V	442.24	3154.55	30
5	E	571.28	3055.49	29
6	A	642.32	2926.44	28
7	A	713.36	2855.41	27
8	A	784.39	2784.37	26
9	E	913.44	2713.33	25
10	E	1042.48	2584.29	24
11	A	1113.52	2455.25	23
12	G	1170.54	2384.21	22
13	V	1269.61	2327.19	21
14	L	1382.69	2228.12	20
15	L	1495.78	2115.04	19
16	P	1592.83	2001.95	18
17	S	1679.86	1904.90	17
18	E	1808.90	1817.87	16
19	S	1895.93	1688.82	15
20	E	2024.98	1601.79	14
21	F	2172.05	1472.75	13
22	D	2287.07	1325.68	12
23	V	2386.14	1210.65	11
24	T	2487.19	1111.59	10
25	S	2574.22	1010.54	9
26	L	2687.30	923.51	8
27	H	2824.36	810.42	7
28	A	2895.40	673.36	6
29	A	2966.44	602.33	5
30	L	3079.52	531.29	4
31	E	3208.56	418.20	3
32	N	3322.61	289.16	2
33	R	-	175.12	1

gi|70884484|gb|EAN97342.1| hypothetical protein, conserved [Trypanosoma cruzi]
 R.AGSEPDENVVVDSADLR.H M+H=1871.898071 DeltaM=1.20281 z=2
 P(pep)=2.43E-09 Xcorr=5.42 DCn=0.61

#3655-3655 NL: 2.17E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	A	72.04	-	18
2	G	129.07	1800.86	17
3	S	216.10	1743.84	16
4	E	345.14	1656.81	15
5	P	442.19	1527.76	14
6	D	557.22	1430.71	13
7	E	686.26	1315.69	12
8	N	800.31	1186.64	11
9	V	899.37	1072.60	10
10	V	998.44	973.53	9
11	V	1097.51	874.46	8
12	V	1196.58	775.39	7
13	D	1311.61	676.33	6
14	S	1398.64	561.30	5
15	A	1469.68	474.27	4
16	D	1584.70	403.23	3
17	L	1697.79	288.20	2
18	R	-	175.12	1

gi|1177696|emb|CAA90898.1| F29 [Trypanosoma cruzi]

K.LCYDEVYSGCLEVLK.L

M+H=1847.855469

DeltaM=1.93706

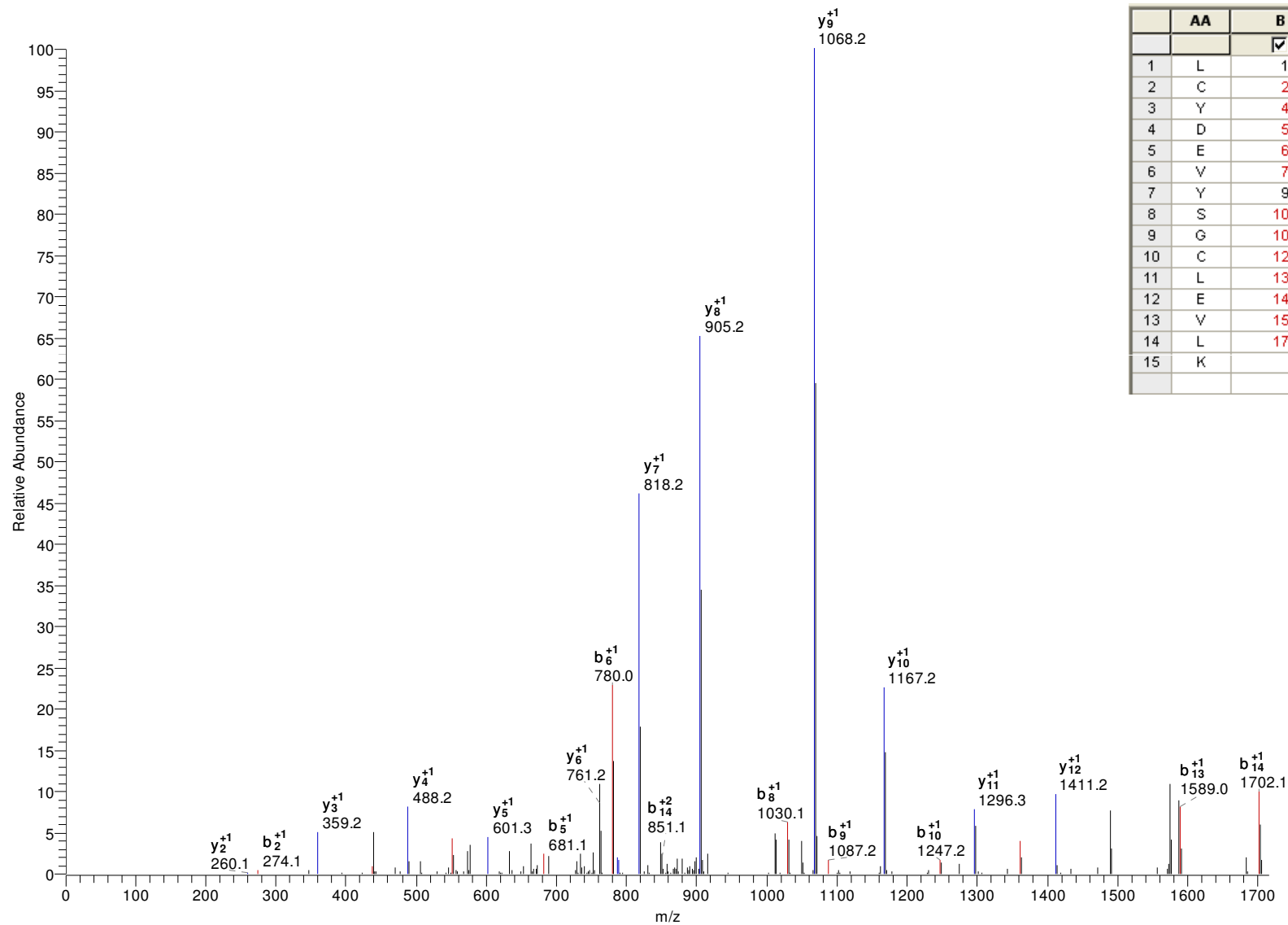
z=2

P(pep)=1.70E-08

Xcorr=5.40

DCn=0.55

#4759-4759 NL: 3.35E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	L	114.09	-	15
2	C	274.12	1734.77	14
3	Y	437.19	1574.74	13
4	D	552.21	1411.68	12
5	E	681.25	1296.65	11
6	V	780.32	1167.61	10
7	Y	943.39	1068.54	9
8	S	1030.42	905.48	8
9	G	1087.44	818.44	7
10	C	1247.47	761.42	6
11	L	1360.55	601.39	5
12	E	1489.60	488.31	4
13	V	1588.67	359.27	3
14	L	1701.75	260.20	2
15	K	-	147.11	1

gi|70882982|gb|EAN95920.1| serine carboxypeptidase (CBP1), putative [Trypanosoma cruzi]

K.LFVVGESYGGHYAPATAHYINK.A

M+H=2394.187744

DeltaM=1.65555

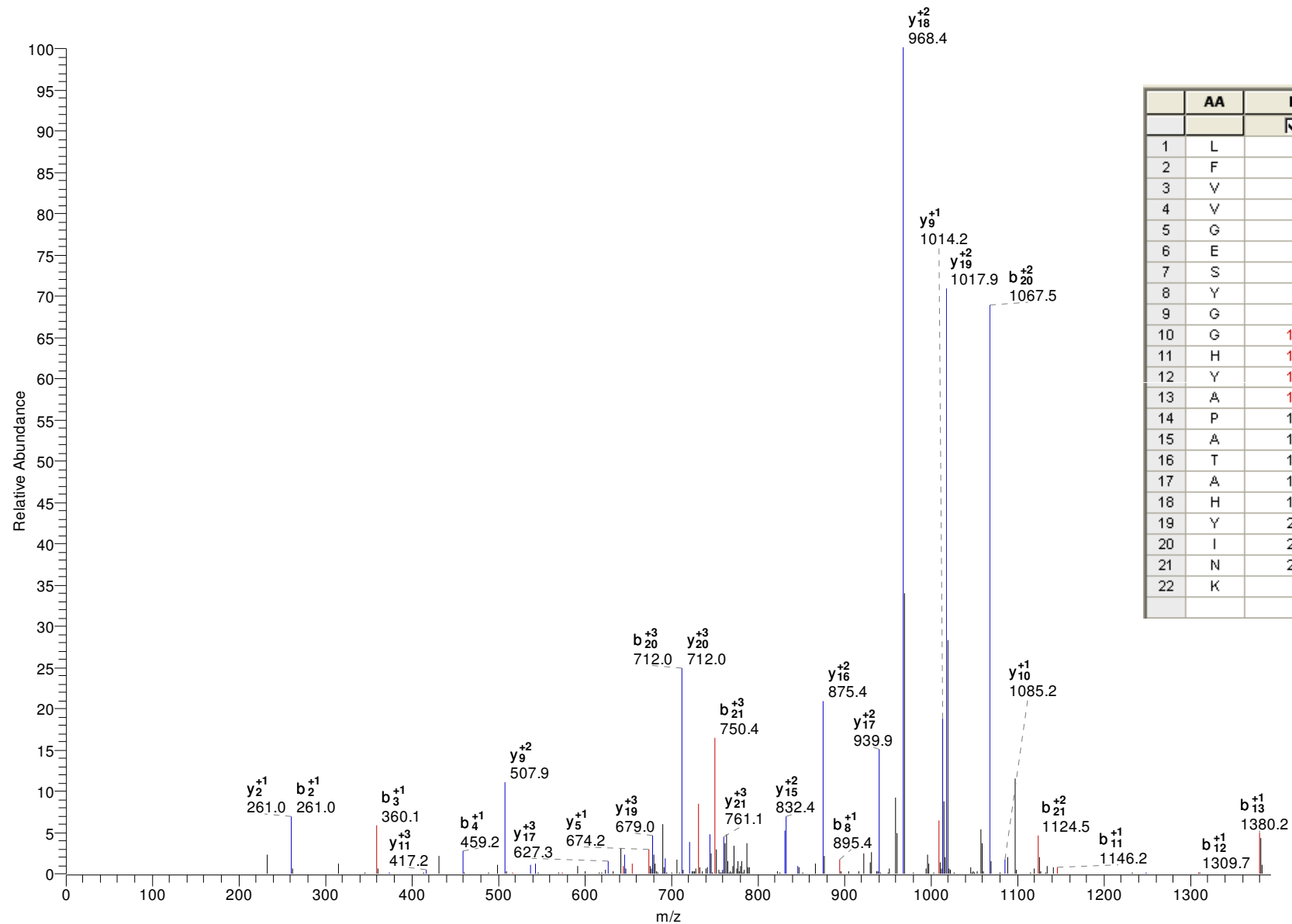
z=3

P(pep)=1.23E-13

Xcorr=4.98

DCn=0.59

#3797-3797 NL: 4.21E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	L	114.09	-	22
2	F	261.16	2281.10	21
3	V	360.23	2134.04	20
4	V	459.30	2034.97	19
5	G	516.32	1935.90	18
6	E	645.36	1878.88	17
7	S	732.39	1749.83	16
8	Y	895.46	1662.80	15
9	G	952.48	1499.74	14
10	G	1009.50	1442.72	13
11	H	1146.56	1385.70	12
12	Y	1309.62	1248.64	11
13	A	1380.66	1085.57	10
14	P	1477.71	1014.54	9
15	A	1548.75	917.48	8
16	T	1649.80	846.45	7
17	A	1720.83	745.40	6
18	H	1857.89	674.36	5
19	Y	2020.96	537.30	4
20	I	2134.04	374.24	3
21	N	2248.08	261.16	2
22	K	-	147.11	1

gi|70879974|gb|EAN93104.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.GLSHEDATTIVNIISK.D

M+H=1697.90686

DeltaM=0.55681

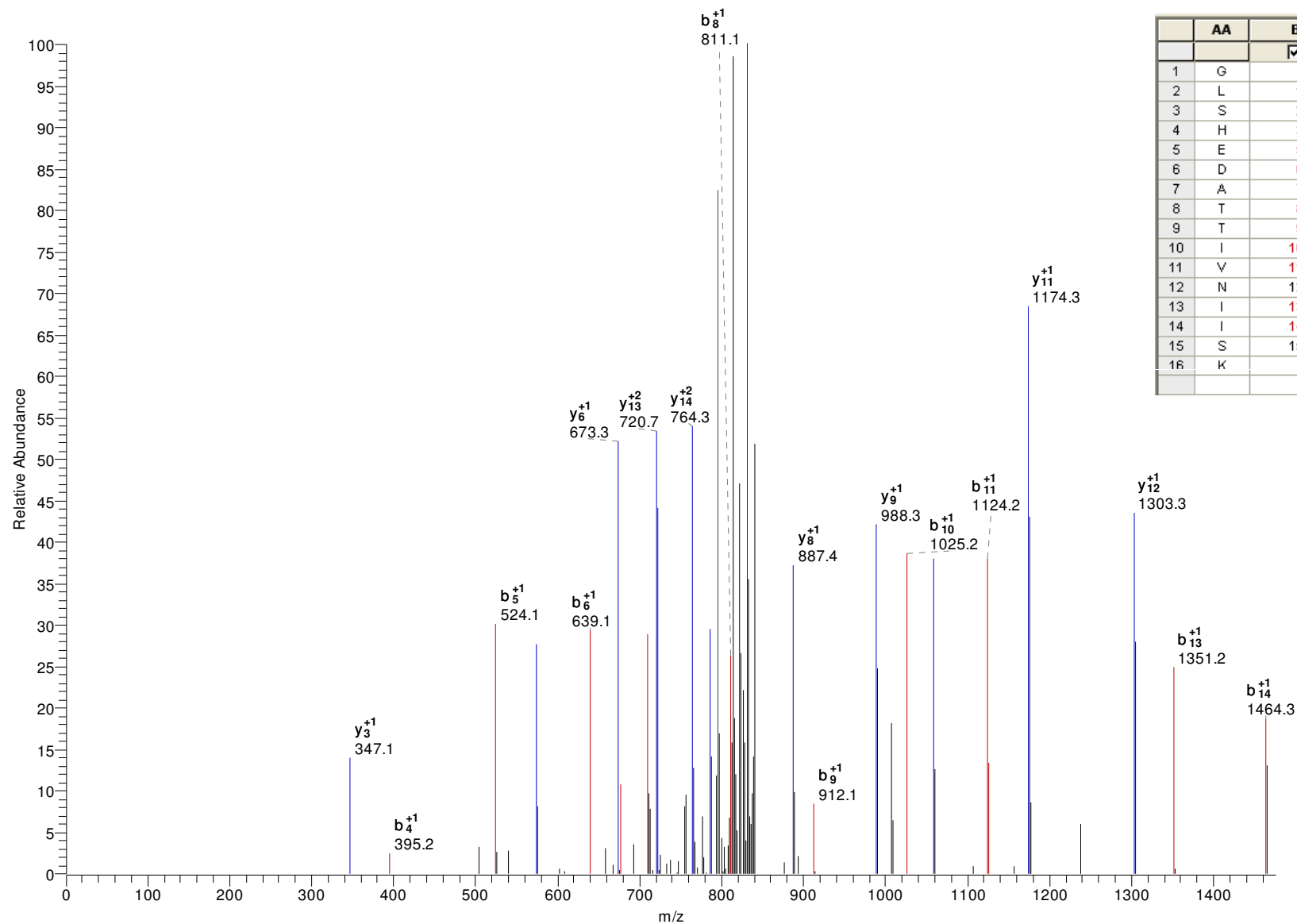
z=2

P(pep)=6.82E-09

Xcorr=4.43E

DCn=0.54

#4435-4435 NL: 4.72E1



	AA	B	Y	
		☑	☑	
1	G	58.03	-	16
2	L	171.11	1640.89	15
3	S	258.14	1527.80	14
4	H	395.20	1440.77	13
5	E	524.25	1303.71	12
6	D	639.27	1174.67	11
7	A	710.31	1059.64	10
8	T	811.36	988.60	9
9	T	912.41	887.56	8
10	I	1025.49	786.51	7
11	V	1124.56	673.42	6
12	N	1238.60	574.36	5
13	I	1351.69	460.31	4
14	I	1464.77	347.23	3
15	S	1551.80	234.14	2
16	K	-	147.11	1

gi|70885123|gb|EAN97954.1| cytochrome b5-like, putative [Trypanosoma cruzi]

K.EFIVGDLDKSKPPVVEPK.A

P(pep)=0.000741212

M+H=2112.122314

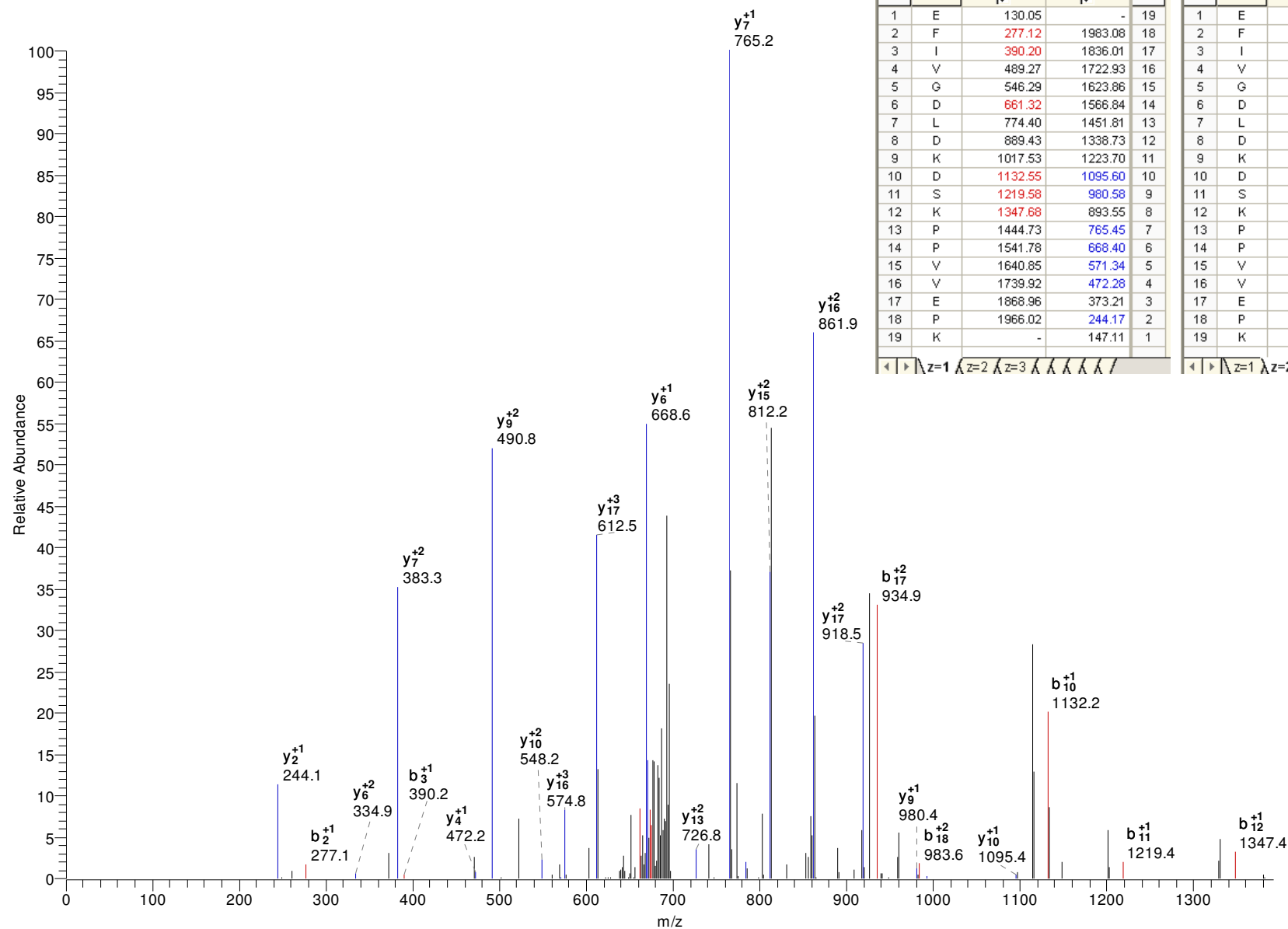
Xcorr=4.42

DeltaM=0.66483

DCn=0.46

z=3

#3625-3625 NL: 7.69E1



	AA	B	Y	
1	E	130.05	-	19
2	F	277.12	1983.08	18
3	I	390.20	1836.01	17
4	V	489.27	1722.93	16
5	G	546.29	1623.86	15
6	D	661.32	1566.84	14
7	L	774.40	1451.81	13
8	D	869.43	1338.73	12
9	K	1017.53	1223.70	11
10	D	1132.55	1095.60	10
11	S	1219.58	980.58	9
12	K	1347.68	893.55	8
13	P	1444.73	765.45	7
14	P	1541.78	668.40	6
15	V	1640.85	571.34	5
16	V	1739.92	472.28	4
17	E	1868.96	373.21	3
18	P	1966.02	244.17	2
19	K	-	147.11	1

	AA	B	Y	
1	E	65.53	-	19
2	F	139.06	992.04	18
3	I	195.60	918.51	17
4	V	245.14	861.97	16
5	G	273.65	812.43	15
6	D	331.16	783.92	14
7	L	387.71	726.41	13
8	D	445.22	669.87	12
9	K	509.27	612.35	11
10	D	566.78	548.31	10
11	S	610.30	490.79	9
12	K	674.34	447.28	8
13	P	722.87	383.23	7
14	P	771.40	334.70	6
15	V	820.93	286.18	5
16	V	870.46	236.64	4
17	E	934.99	187.11	3
18	P	983.51	122.59	2
19	K	-	74.06	1

gi|70869048|gb|EAN83733.1| cysteine peptidase, putative [Trypanosoma cruzi]

K.NSWTTQWGEDGYIR.I

M+H=1712.766357

DeltaM=0.91228

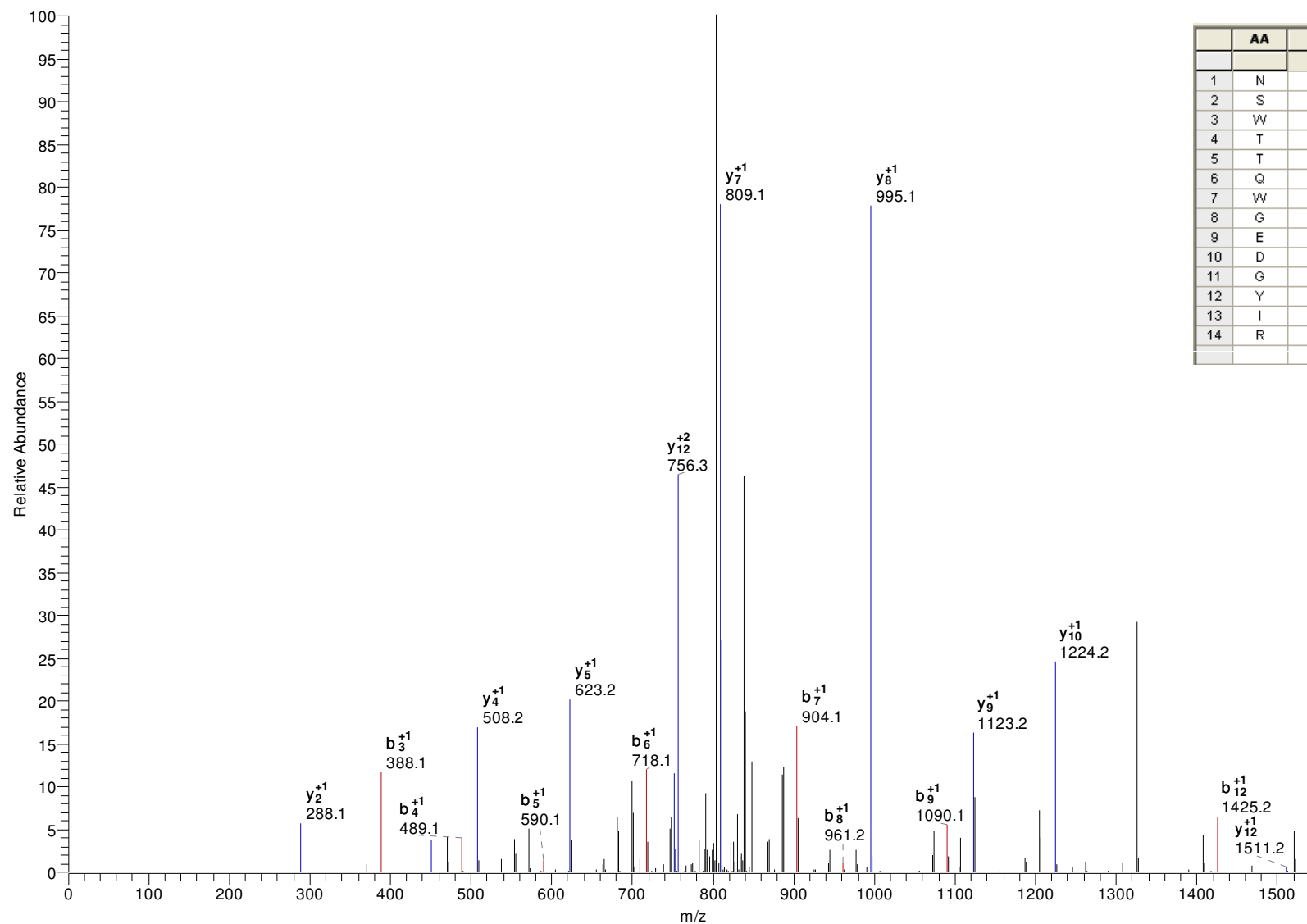
z=2

P(pep)=2.30E-06

Xcorr=4.26

DCn=0.55

#4429-4429 NL: 2.66E2



	AA	B	Y	
		✓	✓	
1	N	115.05	-	14
2	S	202.08	1598.72	13
3	W	388.16	1511.69	12
4	T	489.21	1325.61	11
5	T	590.26	1224.56	10
6	Q	718.32	1123.52	9
7	W	904.39	995.46	8
8	G	961.42	809.38	7
9	E	1090.46	752.36	6
10	D	1205.49	623.31	5
11	G	1262.51	508.29	4
12	Y	1425.57	451.27	3
13	I	1538.65	288.20	2
14	R	-	175.12	1

gi|3063548|gb|AAC14084.1| TcC31.28 [Trypanosoma cruzi]

R.VLVVINPGNPTGGVLDR.D

M+H=1719.97522

DeltaM=0.28874

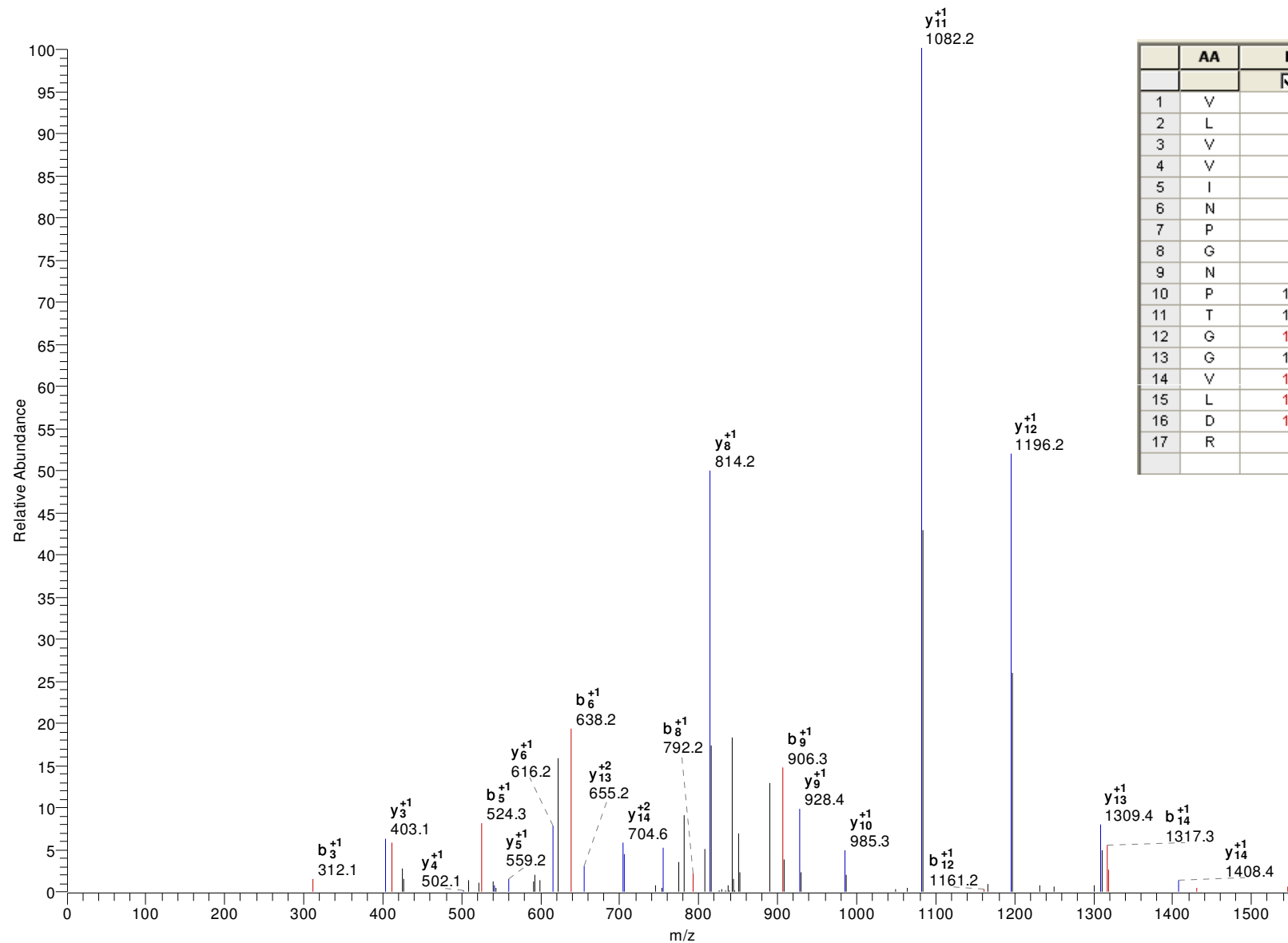
z=2

P(pep)=3.22E-08

Xcorr=4.13

DCn=0.57

#4467-4467 NL:2.30E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	V	100.08	-	17
2	L	213.16	1620.91	16
3	V	312.23	1507.82	15
4	V	411.30	1408.75	14
5	I	524.38	1309.69	13
6	N	638.42	1196.60	12
7	P	735.48	1082.56	11
8	G	792.50	985.51	10
9	N	906.54	928.48	9
10	P	1003.59	814.44	8
11	T	1104.64	717.39	7
12	G	1161.66	616.34	6
13	G	1218.68	559.32	5
14	V	1317.75	502.30	4
15	L	1430.84	403.23	3
16	D	1545.86	290.15	2
17	R	-	175.12	1

gi|70875763|gb|EAN89283.1| urocanate hydratase, putative [Trypanosoma cruzi]

R.FWDYGNLFLLEASR.A

M+H=1704.801636

DeltaM=1.74211

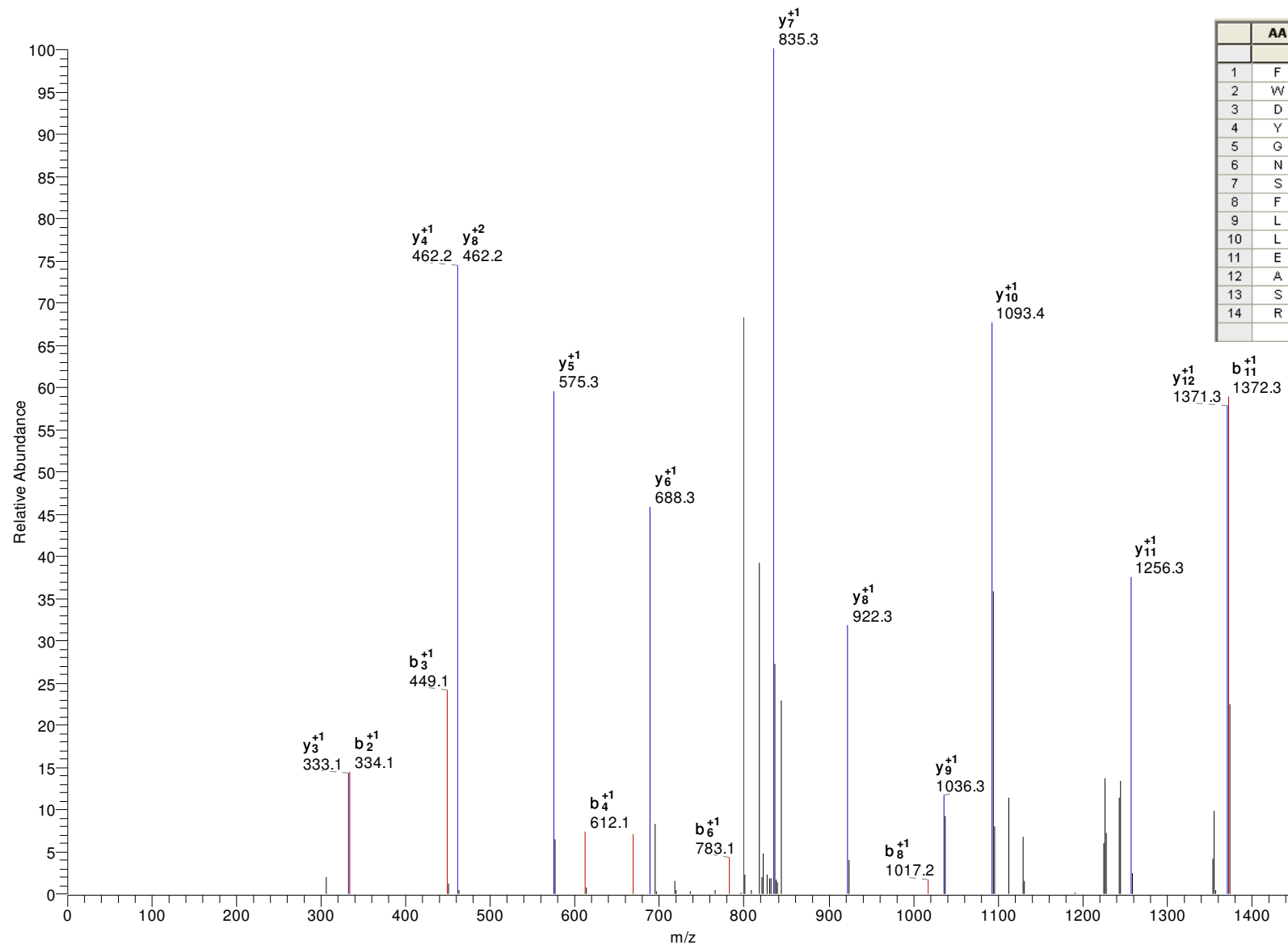
z=2

P(pep)=7.19E-08

Xcorr=4.12

DCn=0.52

#5461-5461 NL: 3.56E1



	AA	B	Y	
		☑	☑	
1	F	148.08	-	14
2	W	334.16	1557.73	13
3	D	449.18	1371.65	12
4	Y	612.25	1256.63	11
5	G	669.27	1093.56	10
6	N	783.31	1036.54	9
7	S	870.34	922.50	8
8	F	1017.41	835.47	7
9	L	1130.49	688.40	6
10	L	1243.58	575.31	5
11	E	1372.62	462.23	4
12	A	1443.66	333.19	3
13	S	1530.69	262.15	2
14	R	-	175.12	1

gi|61744171|gb|AAX55669.1| dehydrogenase [Trypanosoma cruzi]

R.YDFEADQQIR.E

P(pep)=5.38E-06

M+H=1413.628052

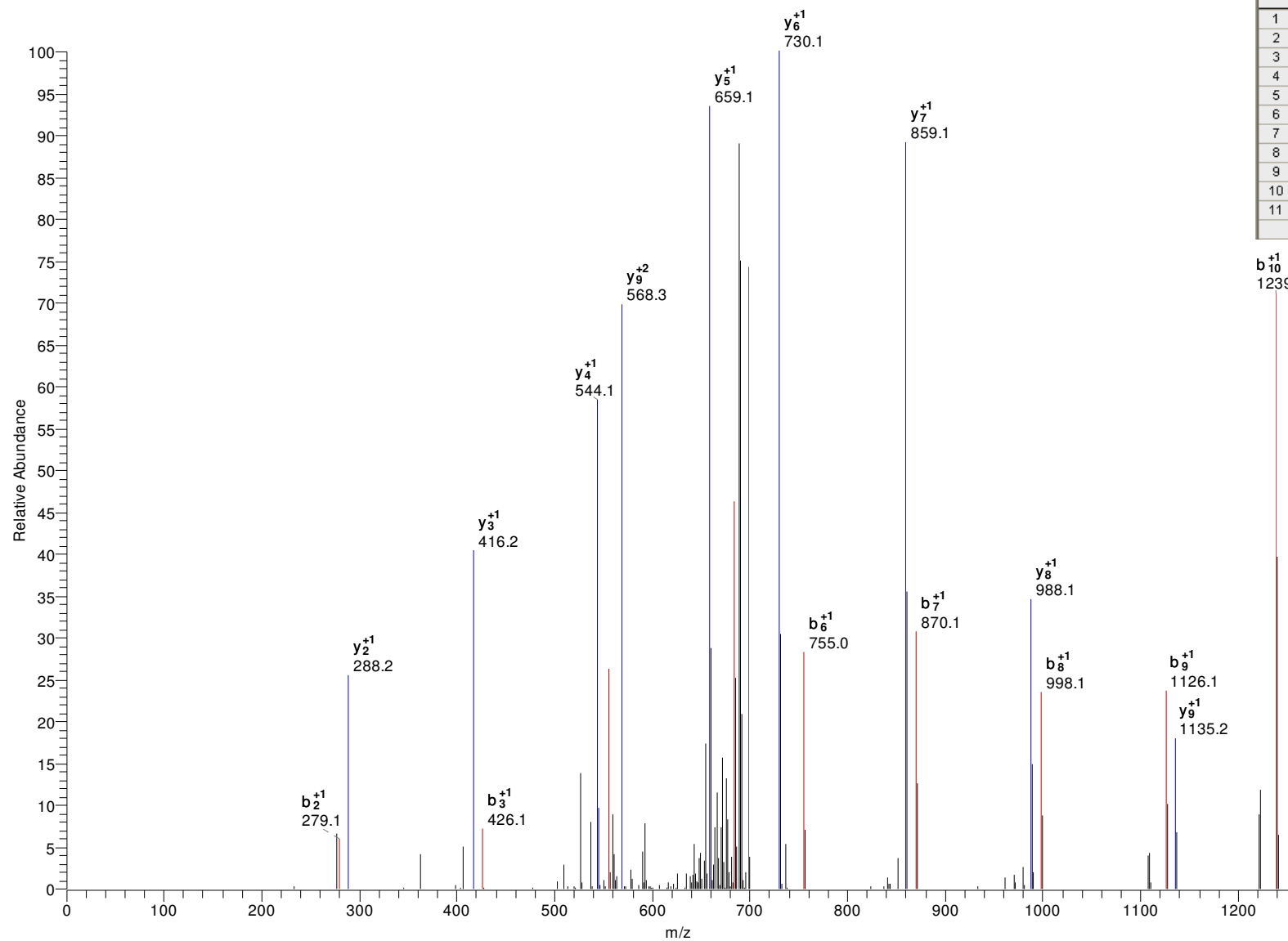
Xcorr=4.07

DeltaM=1.45354

DCn=0.44

z=2

#3226-3226 NL: 1.13E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	Y	164.07	-	11
2	D	279.10	1250.56	10
3	F	426.17	1135.54	9
4	E	555.21	988.47	8
5	E	684.25	859.43	7
6	A	755.29	730.38	6
7	D	870.32	659.35	5
8	Q	998.37	544.32	4
9	Q	1126.43	416.26	3
10	I	1239.52	288.20	2
11	R	-	175.12	1

gi|70881191|gb|EAN94237.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.EDGSSQWVFESAPDADTR.V

M+H=1996.851929

DeltaM=0.39861

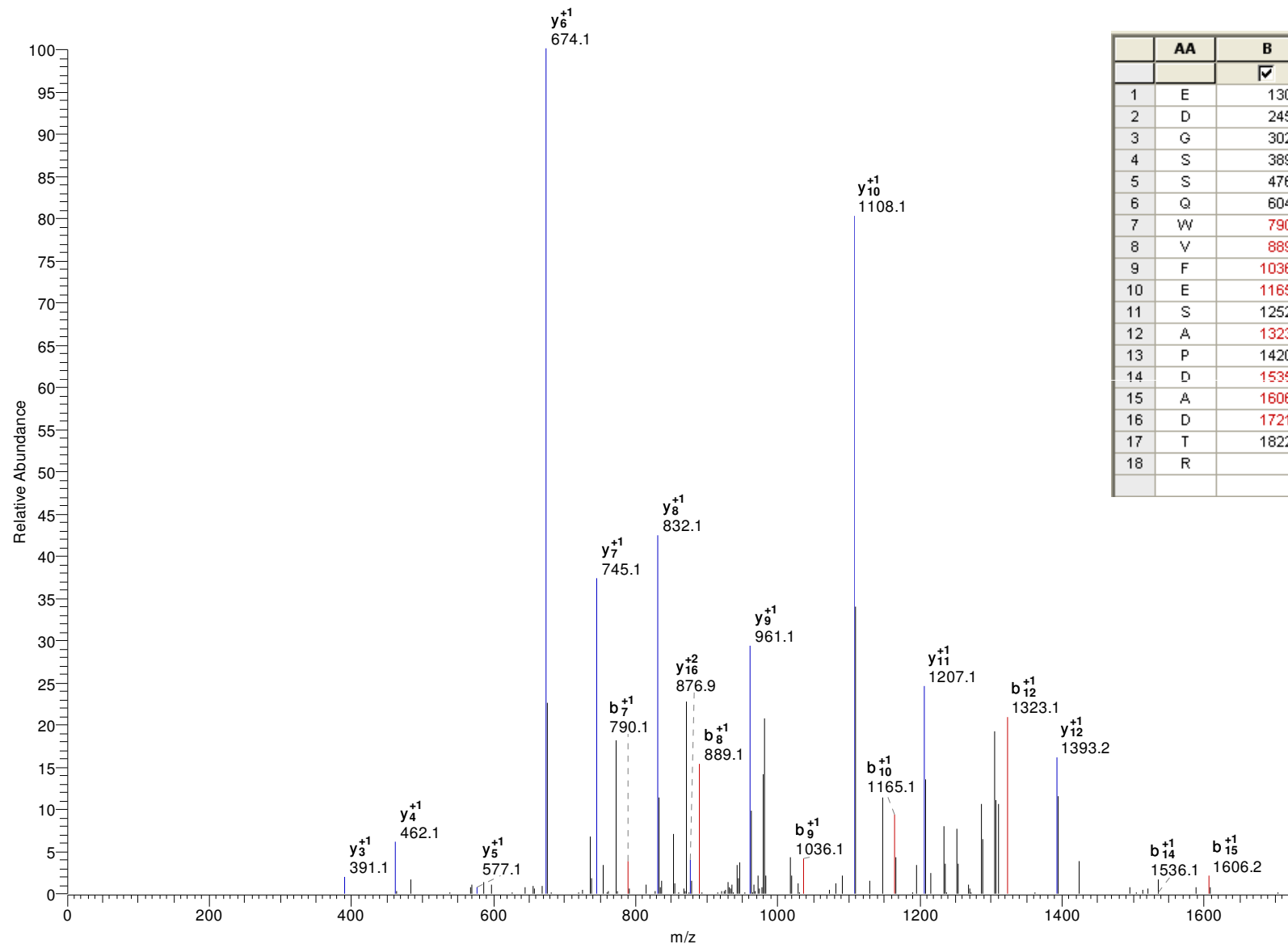
z=2

P(pep)=3.70E-06

Xcorr=4.06

DCn=0.59

#3963-3963 NL: 2.56E2



	AA	B	Y	
		✓	✓	
1	E	130.05	-	18
2	D	245.08	1867.81	17
3	G	302.10	1752.78	16
4	S	389.13	1695.76	15
5	S	476.16	1608.73	14
6	Q	604.22	1521.70	13
7	W	790.30	1393.64	12
8	V	889.37	1207.56	11
9	F	1036.44	1108.49	10
10	E	1165.48	961.42	9
11	S	1252.51	832.38	8
12	A	1323.55	745.35	7
13	P	1420.60	674.31	6
14	D	1535.63	577.26	5
15	A	1606.67	462.23	4
16	D	1721.69	391.19	3
17	T	1822.74	276.17	2
18	R	-	175.12	1

gi|70880087|gb|EAN93210.1| vesicle-associated membrane protein, putative [Trypanosoma cruzi]

K.SNTLADQAEQFK.Q

M+H=1351.648804

DeltaM=0.95793

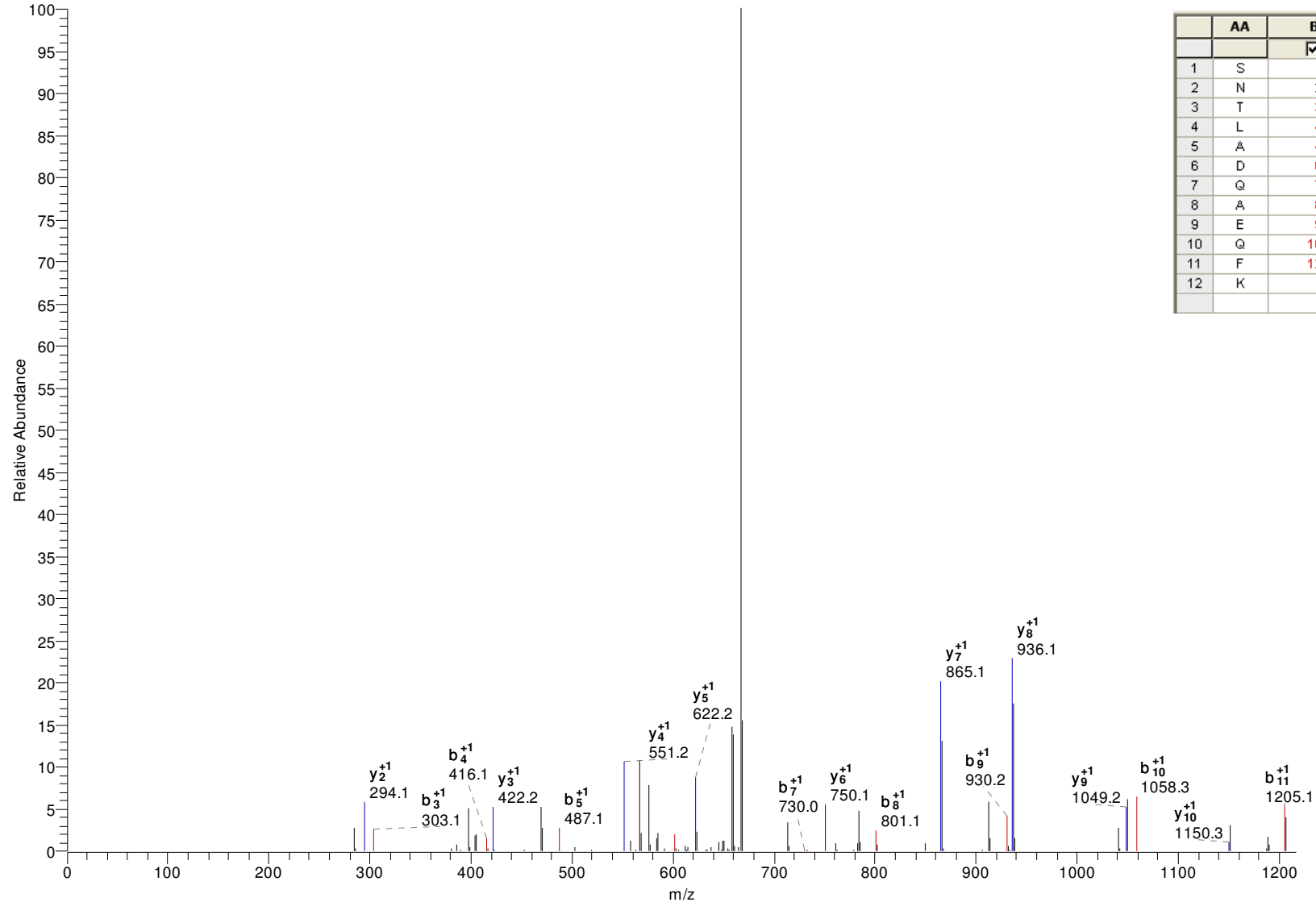
z=2

P(pep)=1.82E-07

Xcorr=4.03

DCn=0.52

#2709-2709 NL: 2.10E2



	AA	B	Y	
1	S	88.04	-	12
2	N	202.08	1264.62	11
3	T	303.13	1150.57	10
4	L	416.21	1049.53	9
5	A	487.25	936.44	8
6	D	602.28	865.41	7
7	Q	730.34	750.38	6
8	A	801.37	622.32	5
9	E	930.42	551.28	4
10	Q	1058.47	422.24	3
11	F	1205.54	294.18	2
12	K	-	147.11	1

gi|70872606|gb|EAN86554.1| fatty acyl CoA synthetase, putative [Trypanosoma cruzi]

R.SLVDFSEYQEYMR.L

M+H=1666.741699

DeltaM=1.84685

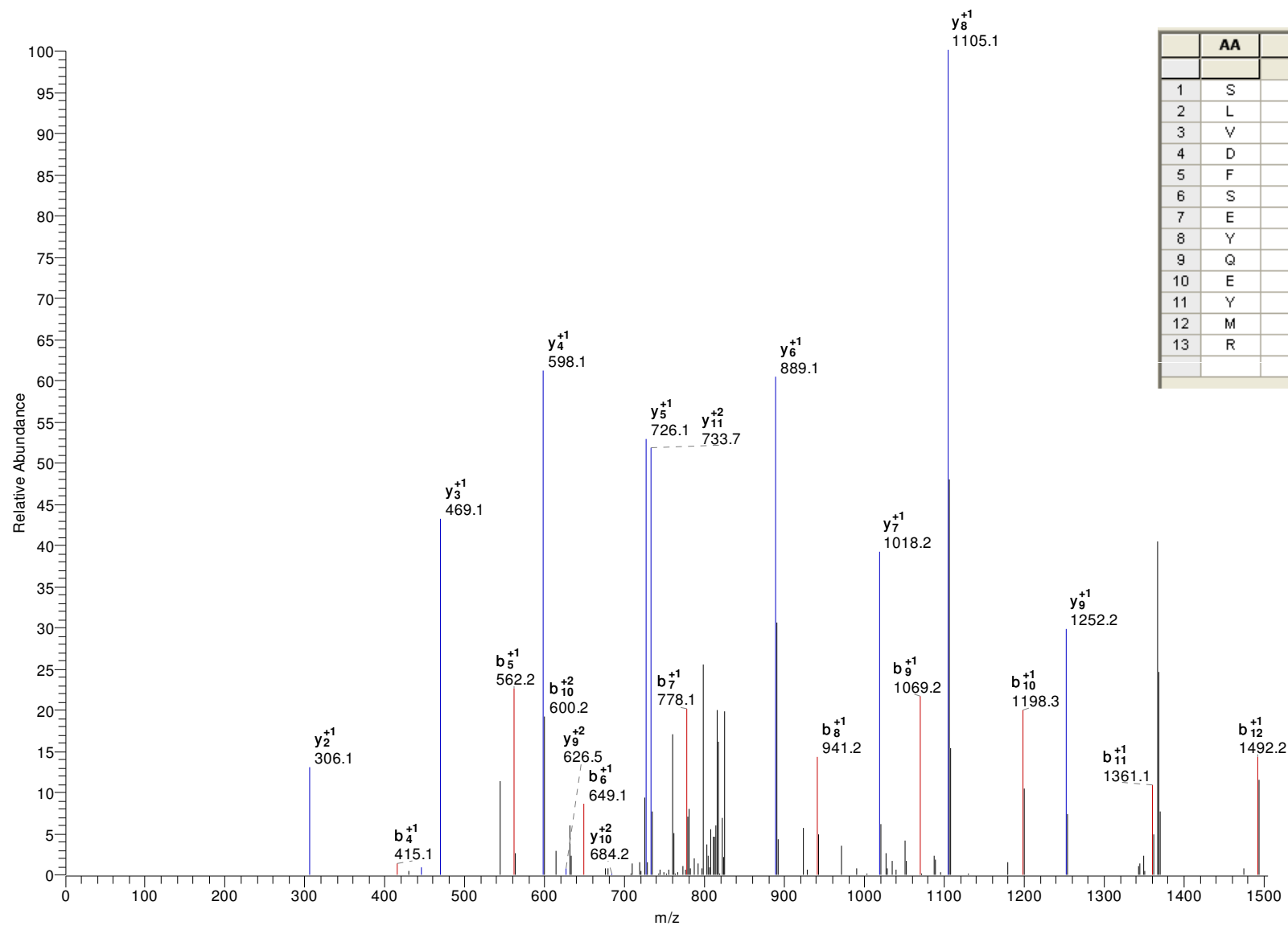
z=2

P(pep)=1.32E-08

Xcorr=4.02

DCn=0.59

#4678-4678 NL: 9.08E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	S	88.04	-	13
2	L	201.12	1579.71	12
3	V	300.19	1466.63	11
4	D	415.22	1367.56	10
5	F	562.29	1252.53	9
6	S	649.32	1105.46	8
7	E	778.36	1018.43	7
8	Y	941.43	889.39	6
9	Q	1069.48	726.32	5
10	E	1198.53	598.27	4
11	Y	1361.59	469.22	3
12	M	1492.63	306.16	2
13	R	-	175.12	1

gi|70871218|gb|EAN85406.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.EAVLQDPLGLPIIGR.V

M+H=1590.921387

DeltaM=1.95195

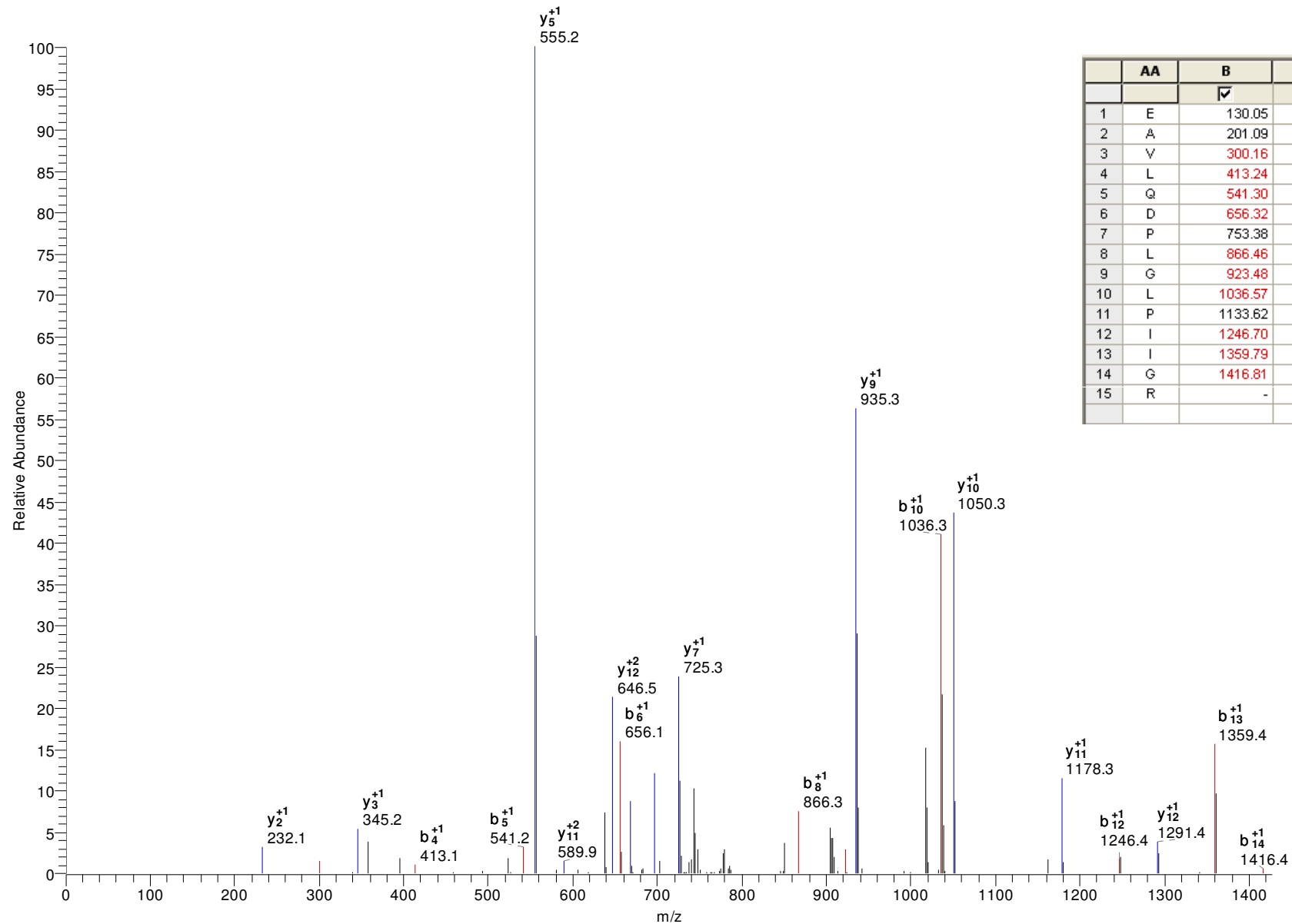
z=2

P(pep)=7.92E-08

Xcorr=3.97

DCn=0.56

#5577-5577 NL: 2.59E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	E	130.05	-	15
2	A	201.09	1461.88	14
3	V	300.16	1390.84	13
4	L	413.24	1291.77	12
5	Q	541.30	1178.69	11
6	D	656.32	1050.63	10
7	P	753.38	935.60	9
8	L	866.46	838.55	8
9	G	923.48	725.47	7
10	L	1036.57	668.45	6
11	P	1133.62	555.36	5
12	I	1246.70	458.31	4
13	I	1359.79	345.22	3
14	G	1416.81	232.14	2
15	R	-	175.12	1

gi|70877155|gb|EAN90529.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.VDVSESLCGQYK.L

M+H=1384.641357

DeltaM=1.78362

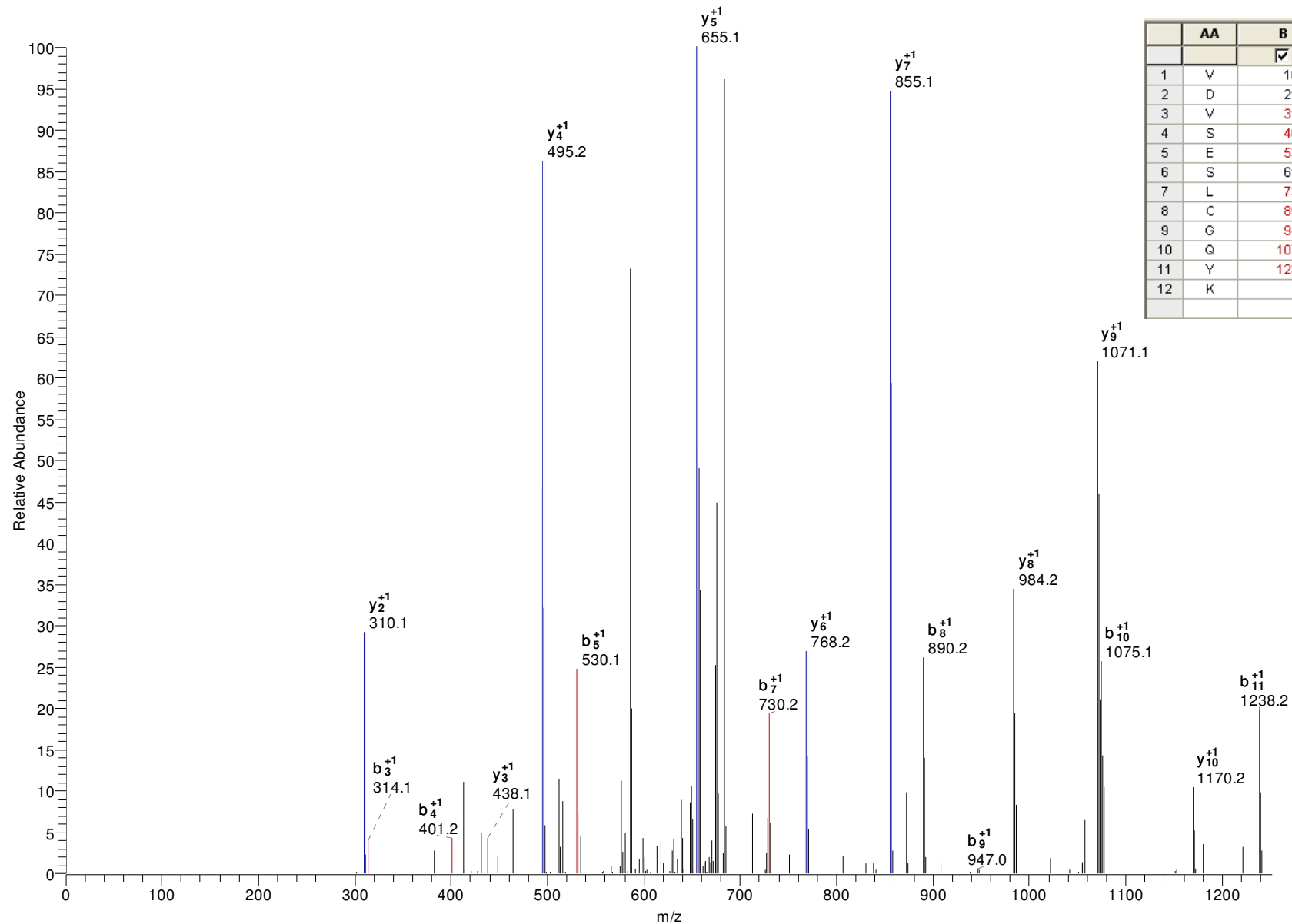
z=2

P(pep)=1.98E-06

Xcorr=3.95

DCn=0.27

#2921-2921 NL:8.91E1



	AA	B	Y	
1	V	100.08	-	12
2	D	215.10	1285.57	11
3	V	314.17	1170.55	10
4	S	401.20	1071.48	9
5	E	530.25	984.45	8
6	S	617.28	855.40	7
7	L	730.36	768.37	6
8	C	890.39	655.29	5
9	G	947.41	495.26	4
10	Q	1075.47	438.23	3
11	Y	1238.54	310.18	2
12	K	-	147.11	1

gi|34329198|gb|AAQ63816.1| 6-phosphogluconate dehydrogenase [Trypanosoma cruzi]

K.LSNLLCAFEK.E

M+H=1194.618774

DeltaM=1.94597

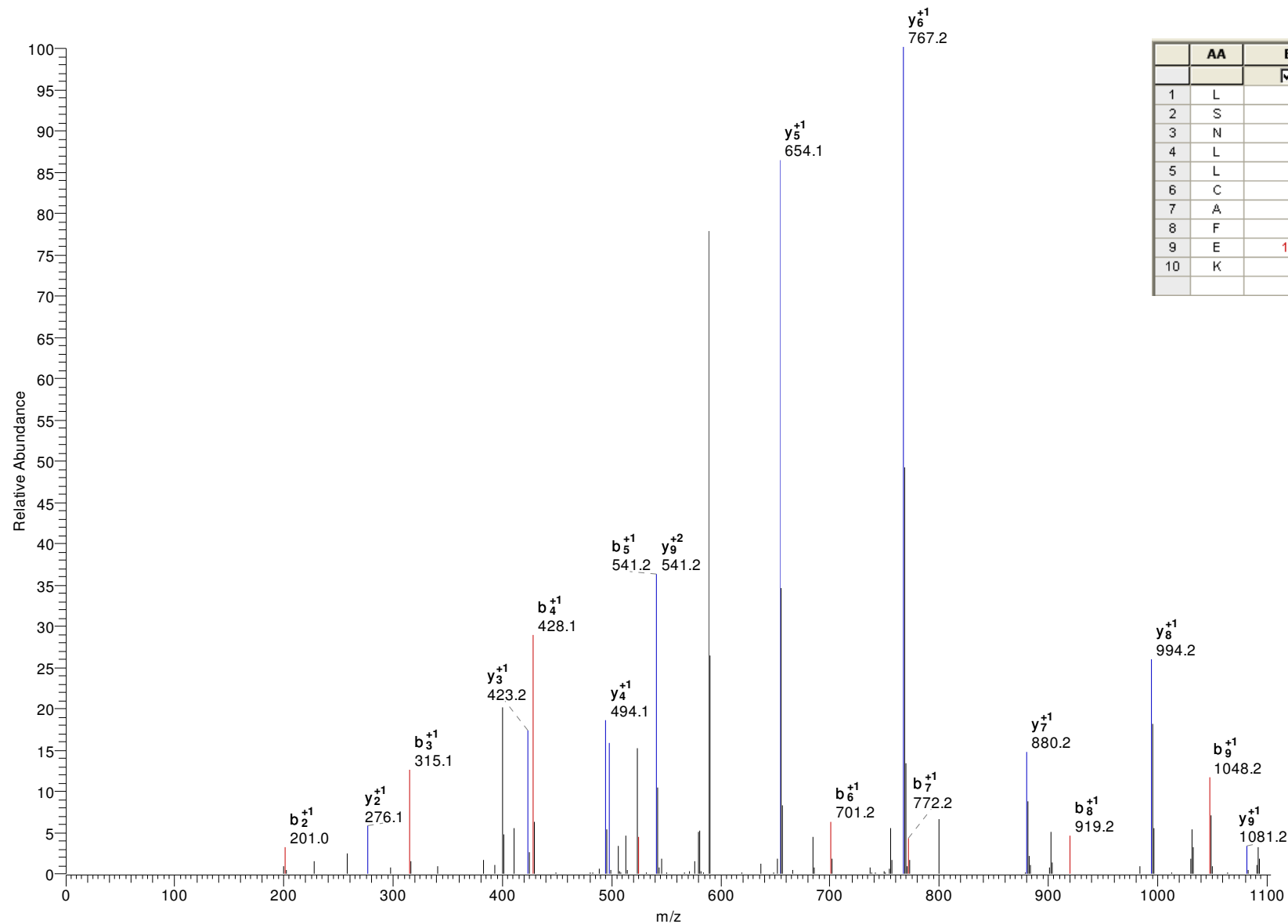
z=2

P(pep)=1.93E-05

Xcorr=3.95E

DCn=0.35

#4789-4789 NL: 4.05E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	L	114.09	-	10
2	S	201.12	1081.53	9
3	N	315.17	994.50	8
4	L	428.25	880.46	7
5	L	541.33	767.38	6
6	C	701.37	654.29	5
7	A	772.40	494.26	4
8	F	919.47	423.22	3
9	E	1048.51	276.16	2
10	K	-	147.11	1

gi|70869764|gb|EAN84265.1| cell differentiation protein, putative [Trypanosoma cruzi]

K.LLLSDLGLQYVCQTPER.F

M+H2005.042358

DeltaM=1.11101

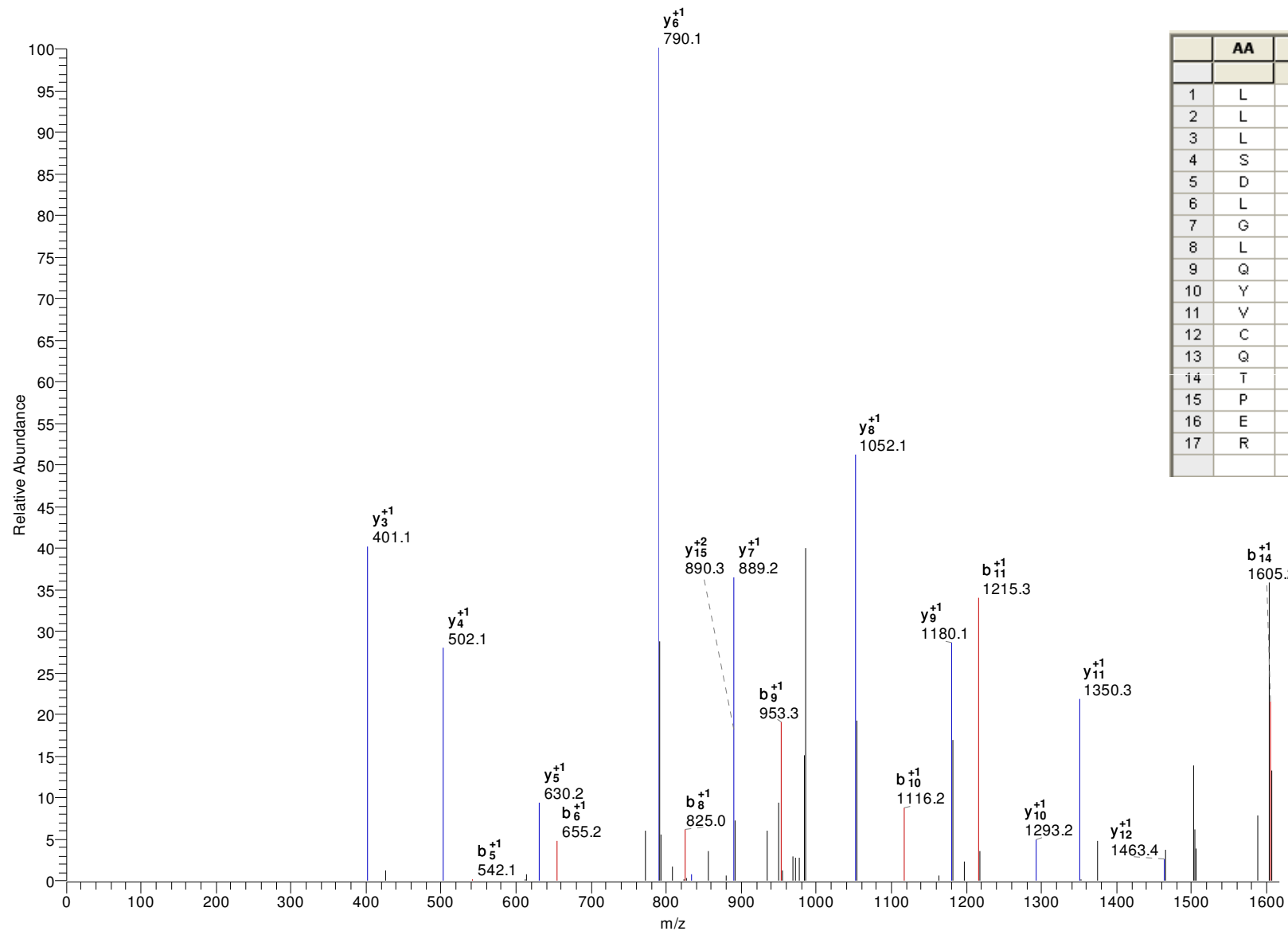
z=2

P(pep)=1.64E-08

Xcorr=3.94

DCn=0.60

#5519-5519 NL: 4.12E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	L	114.09	-	17
2	L	227.18	1891.96	16
3	L	340.26	1778.87	15
4	S	427.29	1665.79	14
5	D	542.32	1578.76	13
6	L	655.40	1463.73	12
7	G	712.42	1350.65	11
8	L	825.51	1293.63	10
9	Q	953.57	1180.54	9
10	Y	1116.63	1052.48	8
11	V	1215.70	889.42	7
12	C	1375.73	790.35	6
13	Q	1503.79	630.32	5
14	T	1604.84	502.26	4
15	P	1701.89	401.21	3
16	E	1830.93	304.16	2
17	R	-	175.12	1

gi|70878269|gb|EAN91541.1| 25 kDa translation elongation factor 1-beta, putative [Trypanosoma cruzi]

K.LFNDLLGAENTSLYR.W

M+H=1725.880615

DeltaM=1.29399

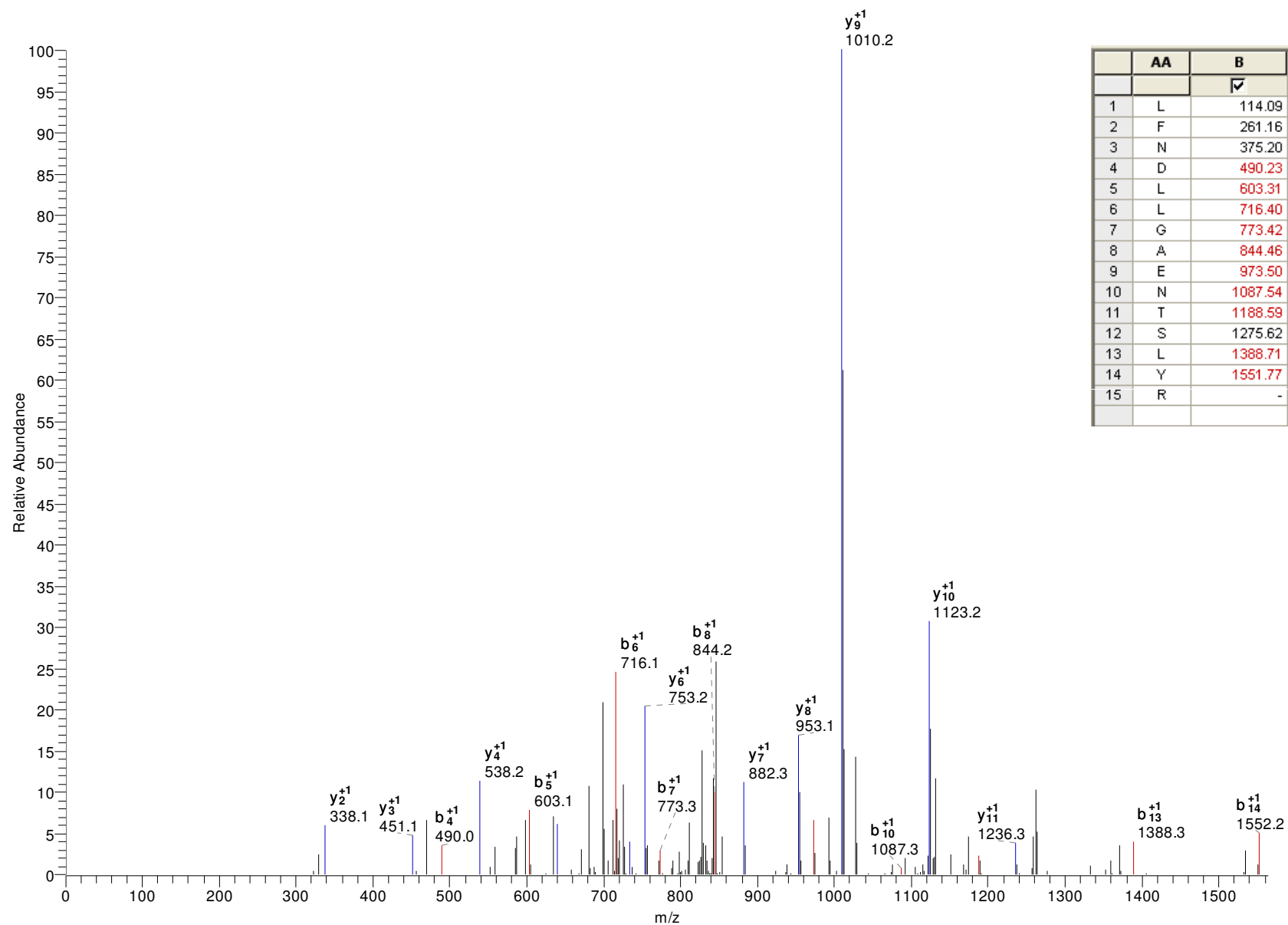
z=2

P(pep)=1.41E-06

Xcorr=3.89

DCn=0.31

#5026-5026 NL: 1.57E2



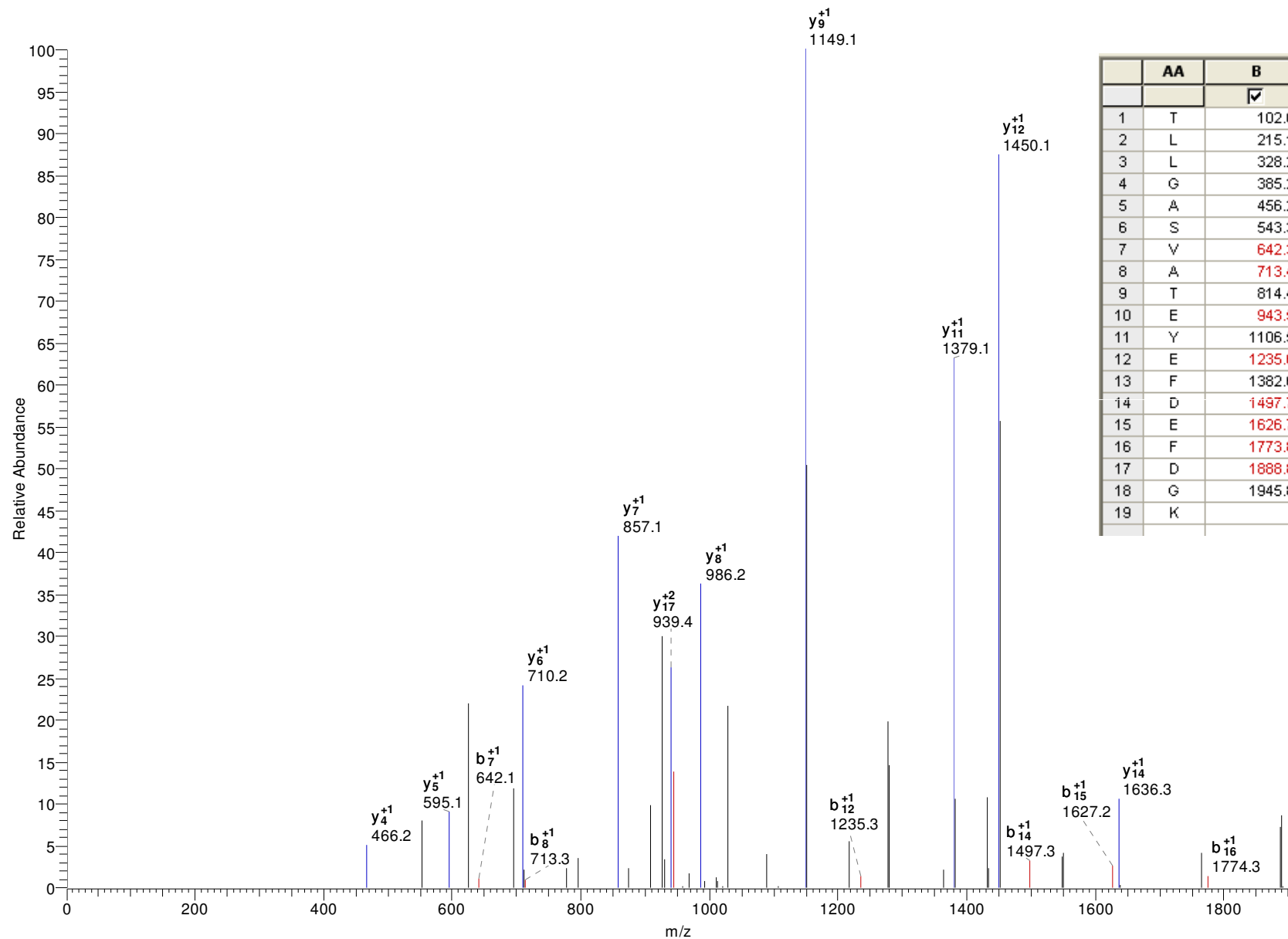
	AA	B	Y	
		✓	✓	
1	L	114.09	-	15
2	F	261.16	1612.80	14
3	N	375.20	1465.73	13
4	D	490.23	1351.69	12
5	L	603.31	1236.66	11
6	L	716.40	1123.57	10
7	G	773.42	1010.49	9
8	A	844.46	953.47	8
9	E	973.50	882.43	7
10	N	1087.54	753.39	6
11	T	1188.59	639.35	5
12	S	1275.62	538.30	4
13	L	1388.71	451.27	3
14	Y	1551.77	338.18	2
15	R	-	175.12	1

gi|11027|emb|CAA44070.1| P0 ribosomal protein (carboxy terminal) [Trypanosoma cruzi]

K.TLLGASVATEYEFDEFDGK.N M+H=2091.975586 DeltaM=0.98515 z=2

P(pep)=1.12E-10 Xcorr=3.89 DCn=0.63

#5053-5053 NL: 8.02E1



	AA	B	Y	
		✓	✓	
1	T	102.05	-	19
2	L	215.14	1990.93	18
3	L	328.22	1877.84	17
4	G	385.24	1764.76	16
5	A	456.28	1707.74	15
6	S	543.31	1636.70	14
7	V	642.38	1549.67	13
8	A	713.42	1450.60	12
9	T	814.47	1379.56	11
10	E	943.51	1278.52	10
11	Y	1106.57	1149.47	9
12	E	1235.62	986.41	8
13	F	1382.68	857.37	7
14	D	1497.71	710.30	6
15	E	1626.75	595.27	5
16	F	1773.82	466.23	4
17	D	1888.85	319.16	3
18	G	1945.87	204.13	2
19	K	-	147.11	1

gi|70874520|gb|EAN88194.1| regulatory subunit of protein kinase a-like protein, putative [Trypanosoma cruzi]

K.HQILENVITTIDK.Y

M+H=1523.842773

DeltaM=1.34990

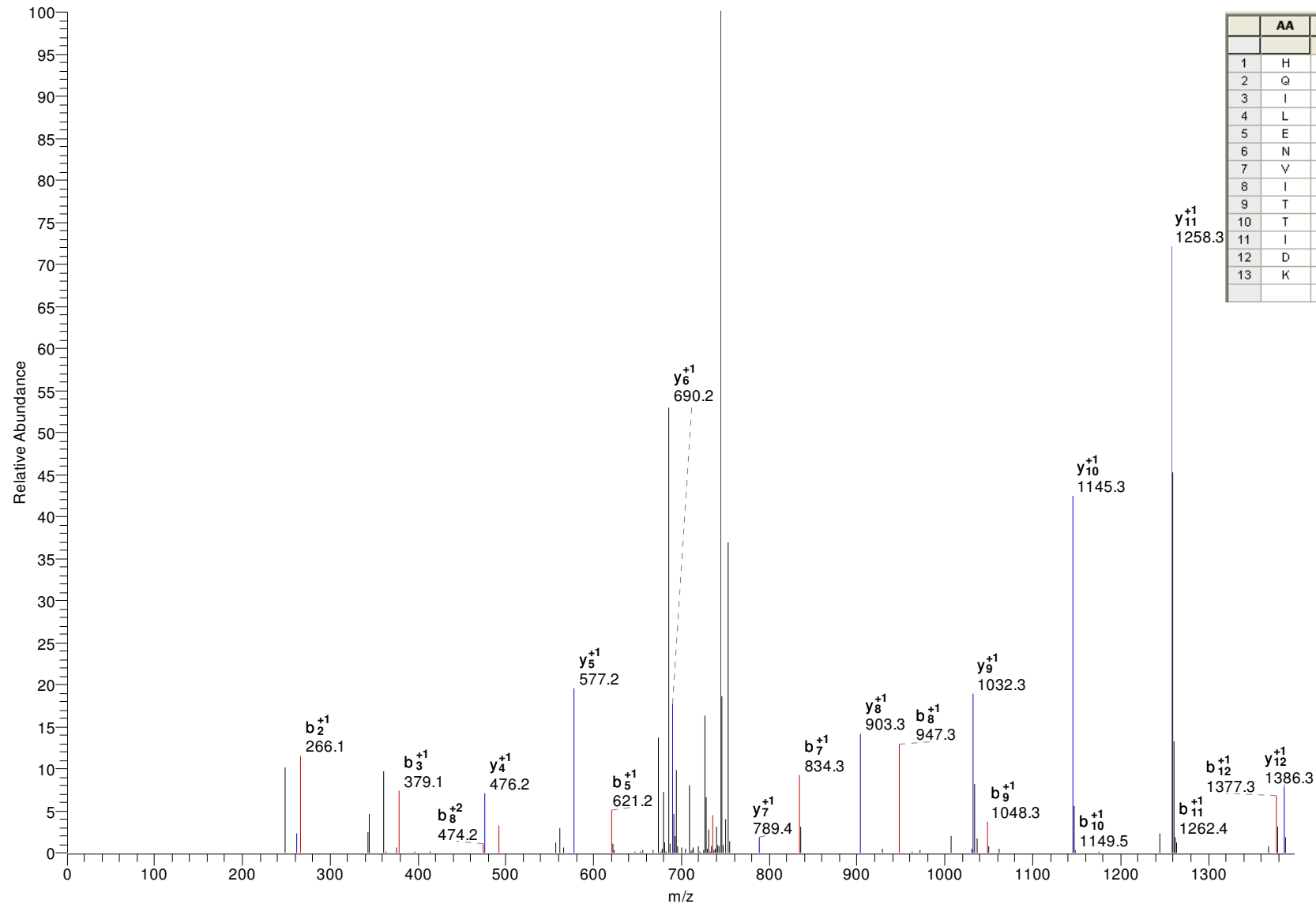
z=2

P(pep)=2.64E-05

Xcorr=3.87

DCn=0.38

#4403-4403 NL: 1.59E2



	AA	B	Y	
		✓	✓	
1	H	138.07	-	13
2	Q	266.12	1386.78	12
3	I	379.21	1258.73	11
4	L	492.29	1145.64	10
5	E	621.34	1032.56	9
6	N	735.38	903.51	8
7	V	834.45	789.47	7
8	I	947.53	690.40	6
9	T	1048.58	577.32	5
10	T	1149.63	476.27	4
11	I	1262.71	375.22	3
12	D	1377.74	262.14	2
13	K	-	147.11	1

gi|70870091|gb|EAN84515.1| calpain-like cysteine peptidase, putative [Trypanosoma cruzi]

R.GFDEGNLLFR.I

M+H=1224.600708

DeltaM=1.65801

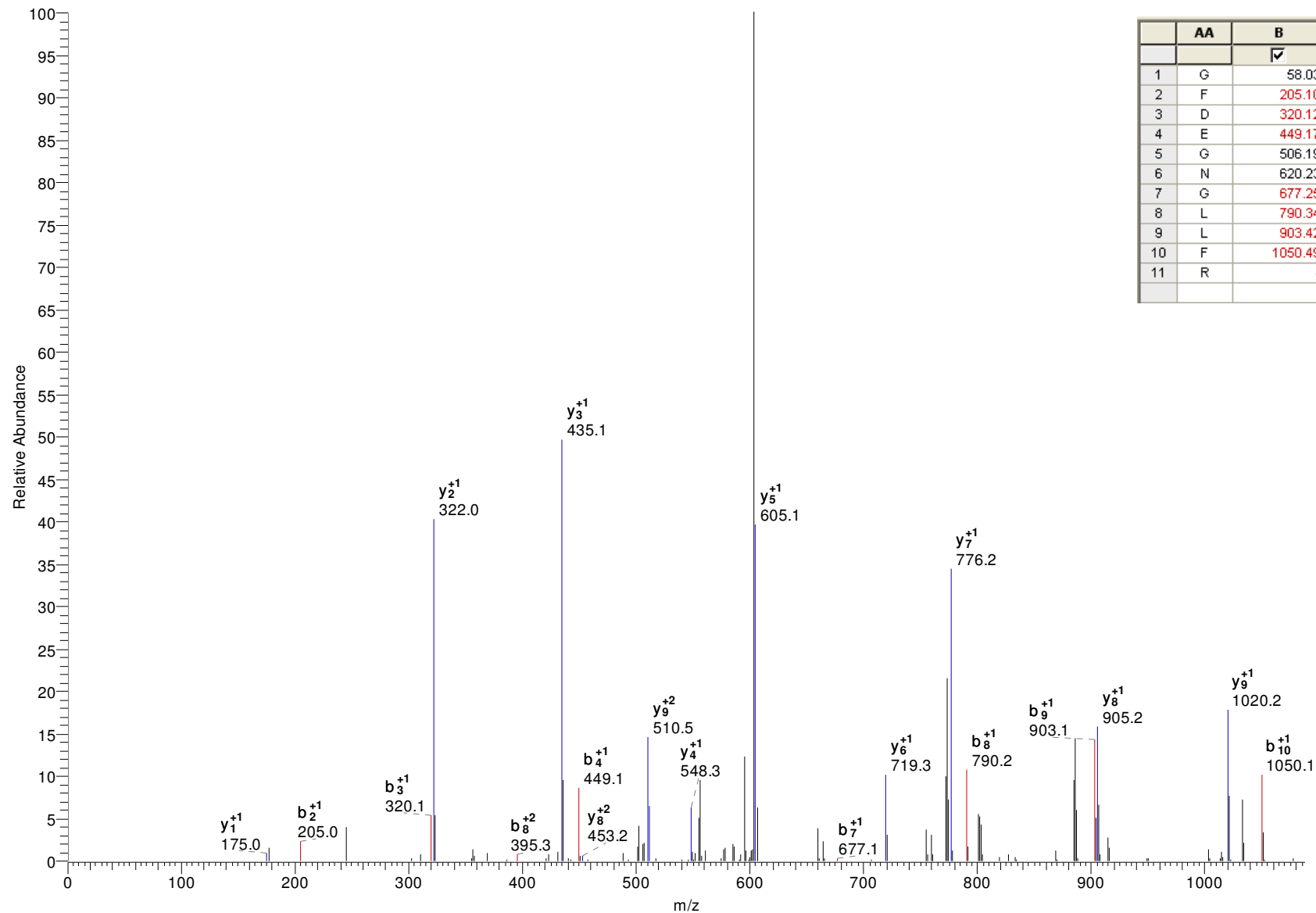
z=2

P(pep)=4.71E-06

Xcorr=3.83

DCN=0.40

#4597-4597 NL: 3.26E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	G	58.03	-	11
2	F	205.10	1167.58	10
3	D	320.12	1020.51	9
4	E	449.17	905.48	8
5	G	506.19	776.44	7
6	N	620.23	719.42	6
7	G	677.25	605.38	5
8	L	790.34	548.36	4
9	L	903.42	435.27	3
10	F	1050.49	322.19	2
11	R	-	175.12	1

gi|70885176|gb|EAN98005.1| procyclic form surface glycoprotein, putative [Trypanosoma cruzi]

K.GVDGATSVFAEAVVPVSQR.S

M+H=1888.976318

DeltaM=0.65117

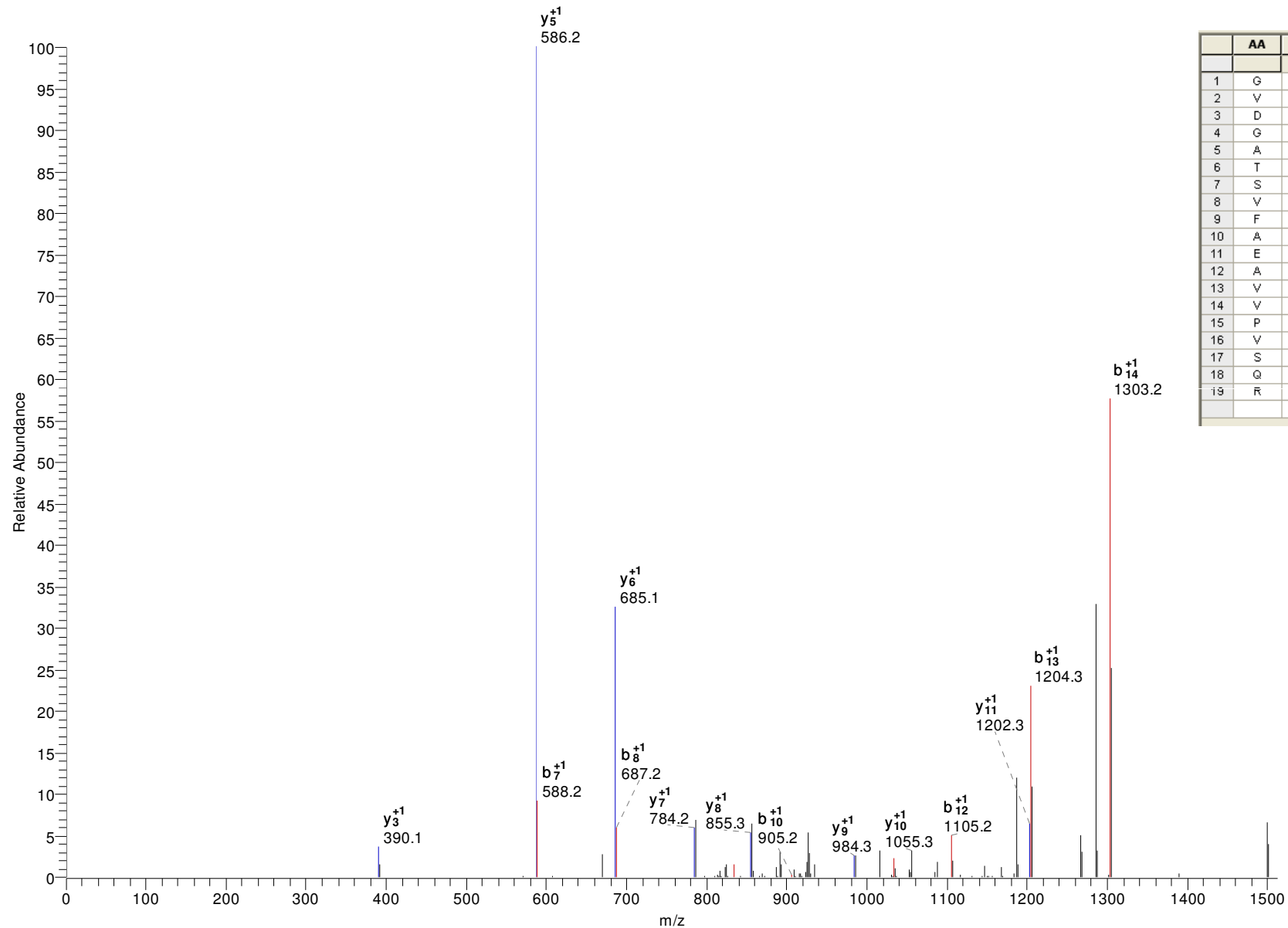
z=2

P(pep)=8.73E-05

Xcorr=3.83E+00

DCn=0.41

#4530-4530 NL: 2.46E2



	AA	B	Y	
		✓	✓	
1	G	58.03	-	19
2	V	157.10	1831.95	18
3	D	272.12	1732.89	17
4	G	329.15	1617.86	16
5	A	400.18	1560.84	15
6	T	501.23	1489.80	14
7	S	588.26	1388.75	13
8	V	687.33	1301.72	12
9	F	834.40	1202.65	11
10	A	905.44	1055.58	10
11	E	1034.48	984.55	9
12	A	1105.52	855.50	8
13	V	1204.58	784.47	7
14	V	1303.65	685.40	6
15	P	1400.71	586.33	5
16	V	1499.77	489.28	4
17	S	1586.81	390.21	3
18	Q	1714.86	303.18	2
19	R	-	175.12	1

gi|70878473|gb|EAN91726.1| ubiquitin-like protein, putative [Trypanosoma cruzi]

R.INVSGVRPEHTISDLEVDLDAGVEGLR.R M+H=2890.490479

DeltaM=0.78879

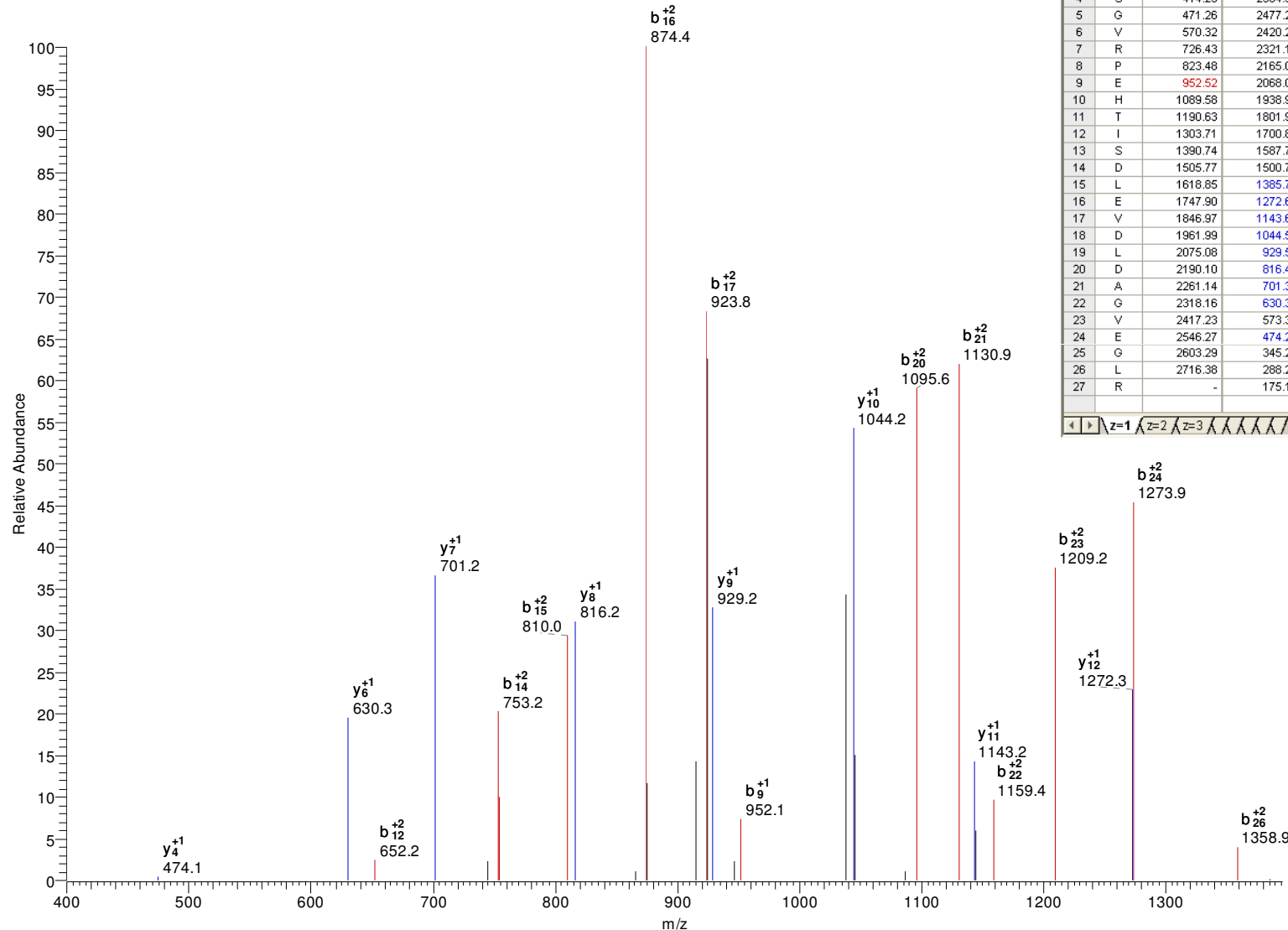
z=3

P(pep)3.80E-05

Xcorr=3.82

DCn=0.41

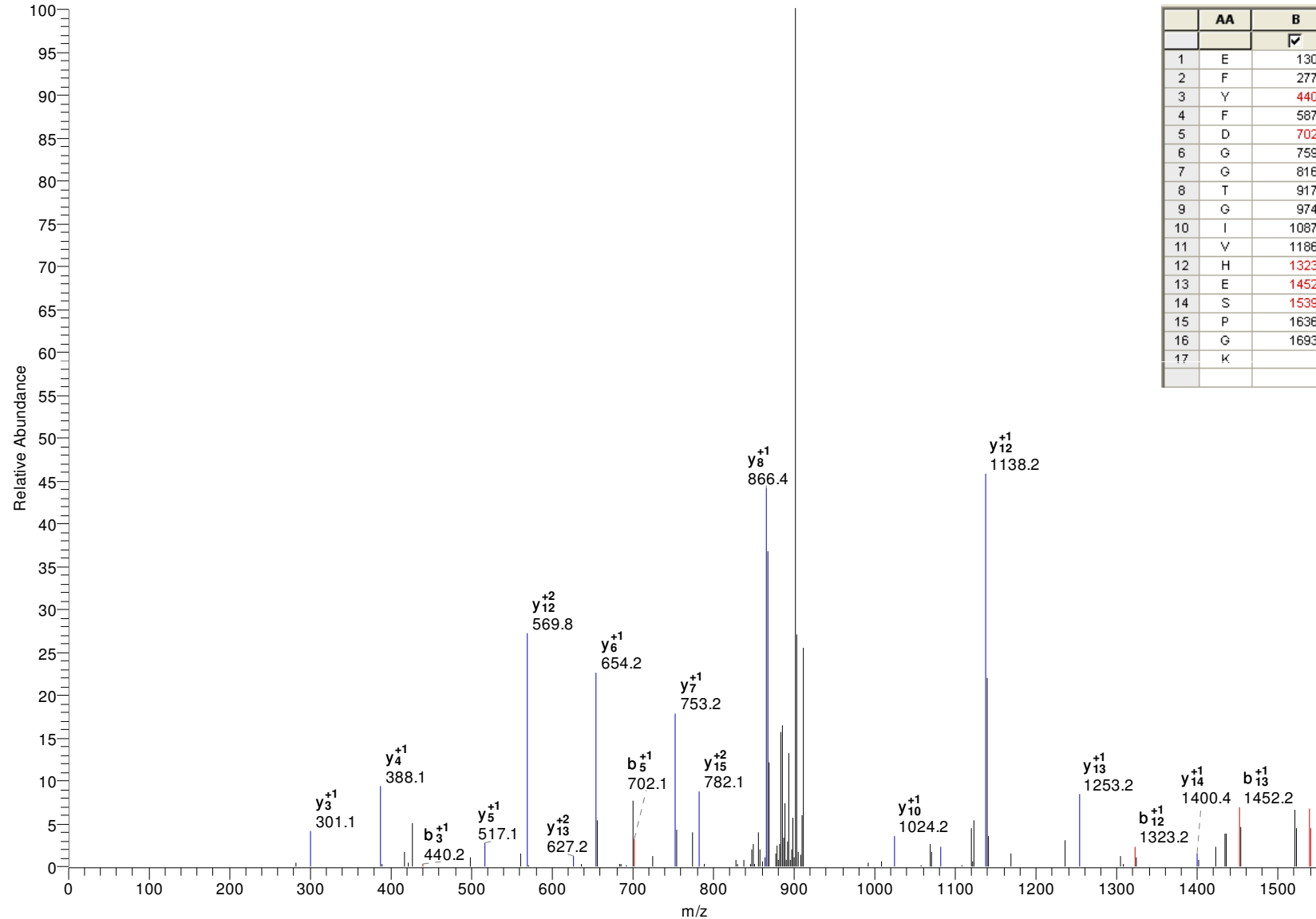
#5747-5747 NL: 1.30E1



		✓	✓		AA	B	Y	
1	I	114.09	-	27		✓	✓	
2	N	228.13	2777.41	26	I	57.55	-	27
3	V	327.20	2663.36	25	N	114.57	1389.21	26
4	S	414.23	2564.30	24	V	164.10	1332.19	25
5	G	471.26	2477.26	23	S	207.62	1282.65	24
6	V	570.32	2420.24	22	G	236.13	1239.14	23
7	R	726.43	2321.17	21	V	285.67	1210.62	22
8	P	823.48	2165.07	20	R	363.72	1161.09	21
9	E	952.52	2068.02	19	P	412.24	1083.04	20
10	H	1089.58	1938.98	18	E	476.76	1034.51	19
11	T	1190.63	1801.92	17	H	545.29	969.99	18
12	I	1303.71	1700.87	16	T	595.82	901.46	17
13	S	1390.74	1587.79	15	I	652.36	850.94	16
14	D	1505.77	1500.75	14	S	695.88	794.40	15
15	L	1618.85	1385.73	13	D	753.39	750.88	14
16	E	1747.90	1272.64	12	L	809.93	693.37	13
17	V	1846.97	1143.60	11	E	874.45	636.83	12
18	D	1961.99	1044.53	10	V	923.99	572.30	11
19	L	2075.08	929.51	9	D	981.50	522.77	10
20	D	2190.10	816.42	8	L	1038.04	465.26	9
21	A	2261.14	701.39	7	D	1095.56	408.71	8
22	G	2318.16	630.36	6	A	1131.07	351.20	7
23	V	2417.23	573.34	5	G	1159.58	315.68	6
24	E	2546.27	474.27	4	V	1209.12	287.17	5
25	G	2603.29	345.22	3	E	1273.64	237.64	4
26	L	2716.38	288.20	2	G	1302.15	173.12	3
27	R	-	175.12	1	L	1358.69	144.61	2
					R	-	88.06	1

gi|70879340|gb|EAN92523.1| endo-beta-N-acetylglucosaminidase, putative [Trypanosoma cruzi]
 K.EFYFDGGTGIVHESPGK.T M+H=1839.854858 DeltaM=0.23381 z=2
 P(pep)=2.52E-06 Xcorr=3.64 DCn=0.58

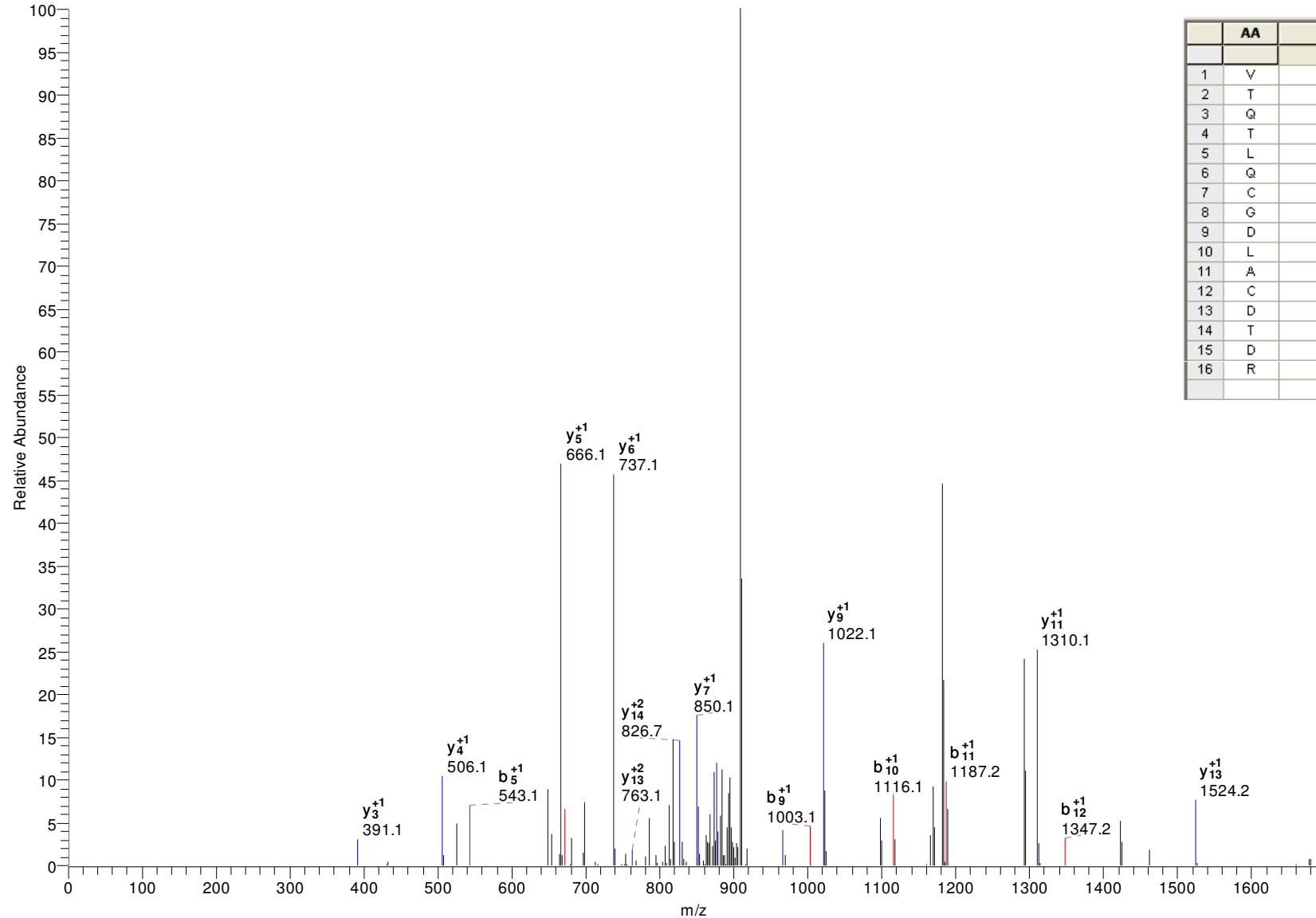
#3830-3830 NL: 1.63E2



	AA	B	Y	
		☑	☑	
1	E	130.05	-	17
2	F	277.12	1710.81	16
3	Y	440.18	1563.74	15
4	F	587.25	1400.68	14
5	D	702.28	1253.61	13
6	G	759.30	1138.59	12
7	G	816.32	1081.56	11
8	T	917.37	1024.54	10
9	G	974.39	923.49	9
10	I	1087.47	866.47	8
11	V	1186.54	753.39	7
12	H	1323.60	654.32	6
13	E	1452.64	517.26	5
14	S	1539.68	388.22	4
15	P	1636.73	301.19	3
16	G	1693.75	204.13	2
17	K	-	147.11	1

gi|70876359|gb|EAN89821.1| hypothetical protein, conserved [Trypanosoma cruzi]
 R.VTQTLQCGDLACDTR.G M+H=1852.816406 DeltaM=0.87578 z=2
 (Pep)=7.98E-09 Xcorr=3.61 DCn=0.54

#2711-2711 NL:1.31E2



	AA	B	Y	
		✓	✓	
1	V	100.08	-	16
2	T	201.12	1753.75	15
3	Q	329.18	1652.70	14
4	T	430.23	1524.64	13
5	L	543.31	1423.59	12
6	Q	671.37	1310.51	11
7	C	831.40	1182.45	10
8	G	888.42	1022.42	9
9	D	1003.45	965.40	8
10	L	1116.54	850.37	7
11	A	1187.57	737.29	6
12	C	1347.60	666.25	5
13	D	1462.63	506.22	4
14	T	1563.68	391.19	3
15	D	1678.70	290.15	2
16	R	-	175.12	1

gi|70881383|gb|EAN94417.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.AAAASTADTHPTT.-

M+H1214.564819

DeltaM=1.46196

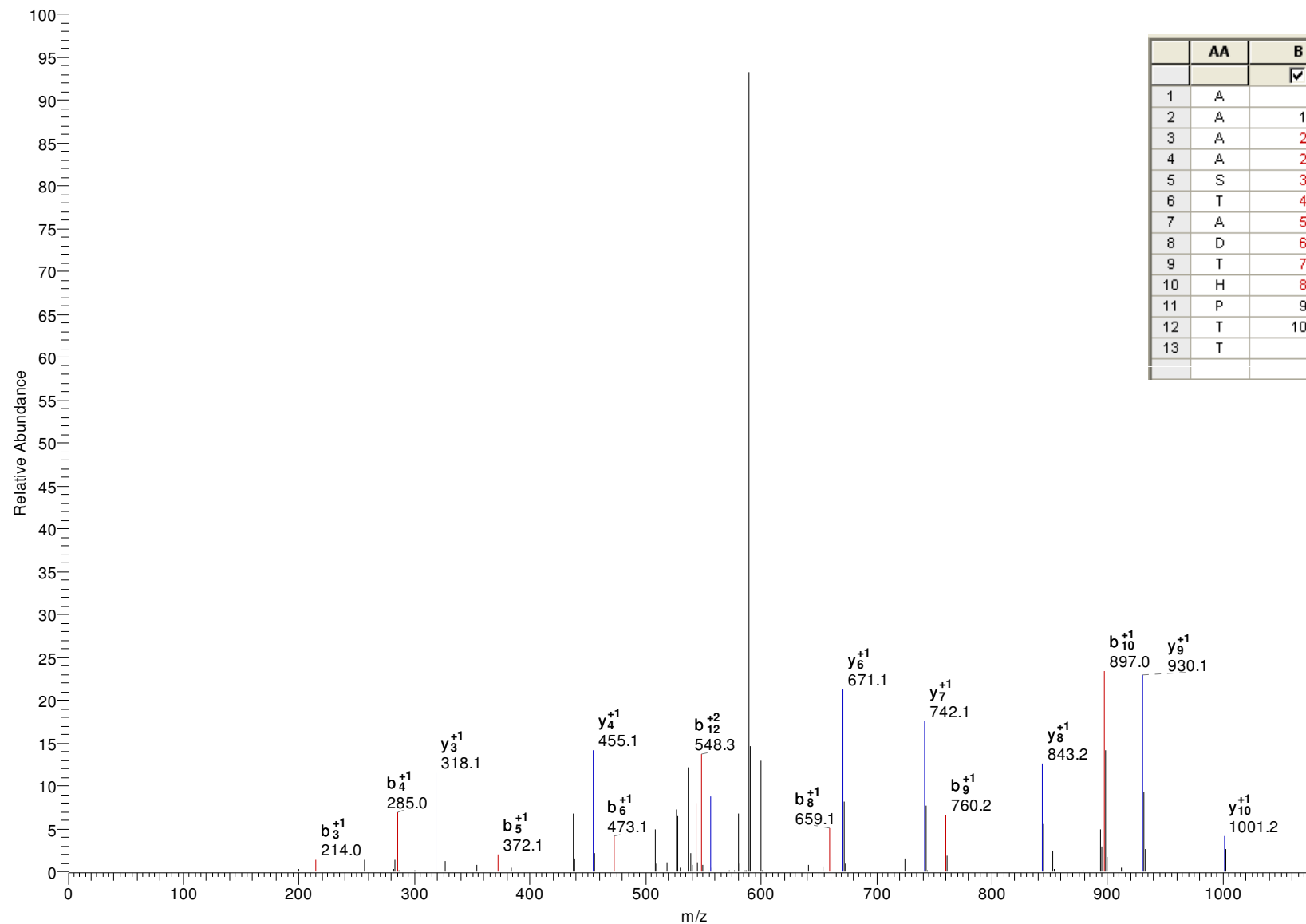
z=2

P(pep)=9.49E-06

Xcorr=3.59

DCn=0.60

#2110-2110 NL:2.70E2



	AA	B	Y	
1	A	72.04	-	13
2	A	143.08	1143.53	12
3	A	214.12	1072.49	11
4	A	285.16	1001.45	10
5	S	372.19	930.42	9
6	T	473.24	843.38	8
7	A	544.27	742.34	7
8	D	659.30	671.30	6
9	T	760.35	556.27	5
10	H	897.41	455.22	4
11	P	994.46	318.17	3
12	T	1095.51	221.11	2
13	T	-	120.07	1

gi|70880634|gb|EAN93719.1| membrane-bound acid phosphatase 2, putative [Trypanosoma cruzi]

K.EAFSEGYCSDPANR.W

M+H=1602.648926

DeltaM=0.47978

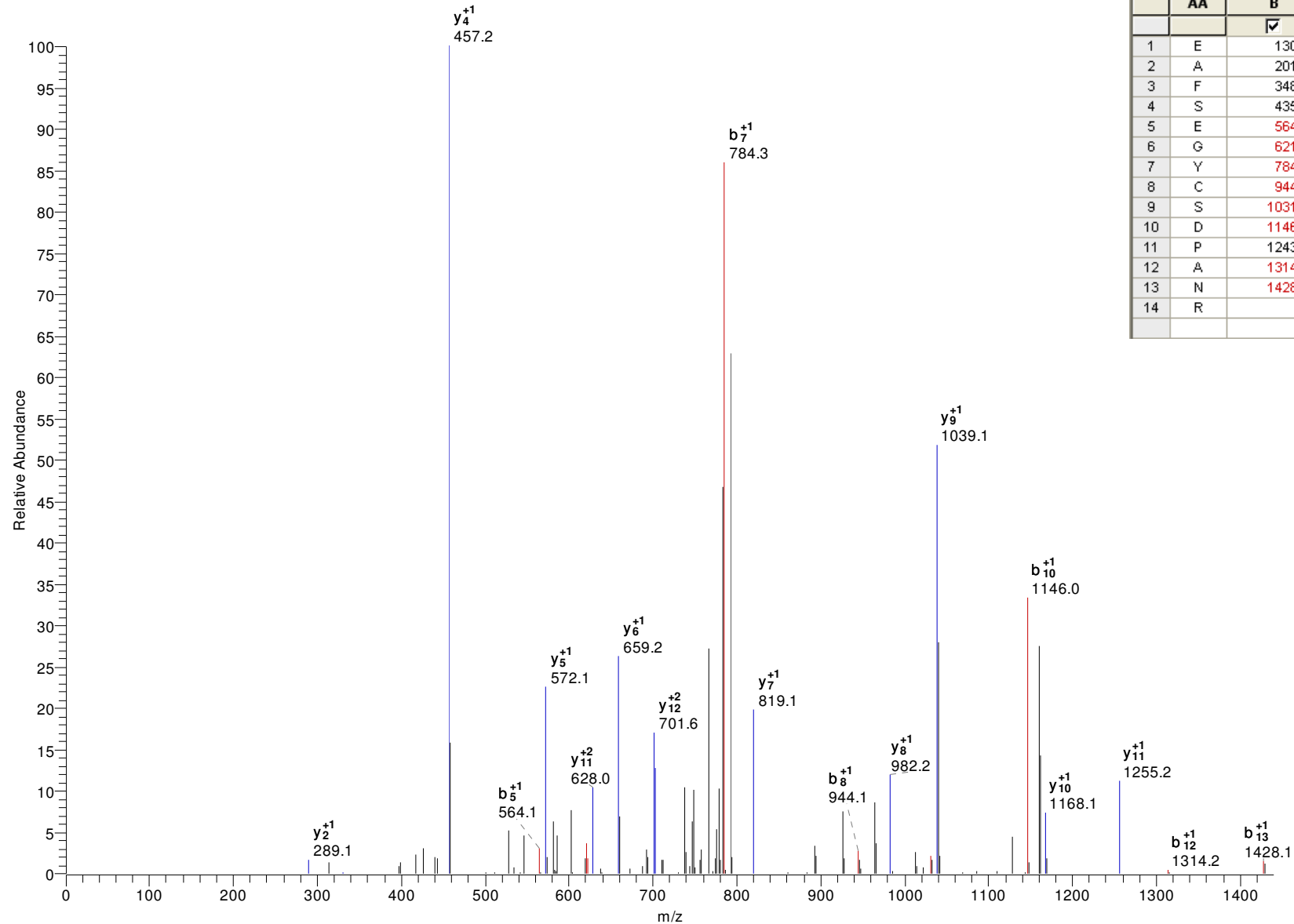
z=2

P(pep)=6.54E-08

Xcorr=3.55

DCn=0.57

#2593-2593 NL: 1.41E2

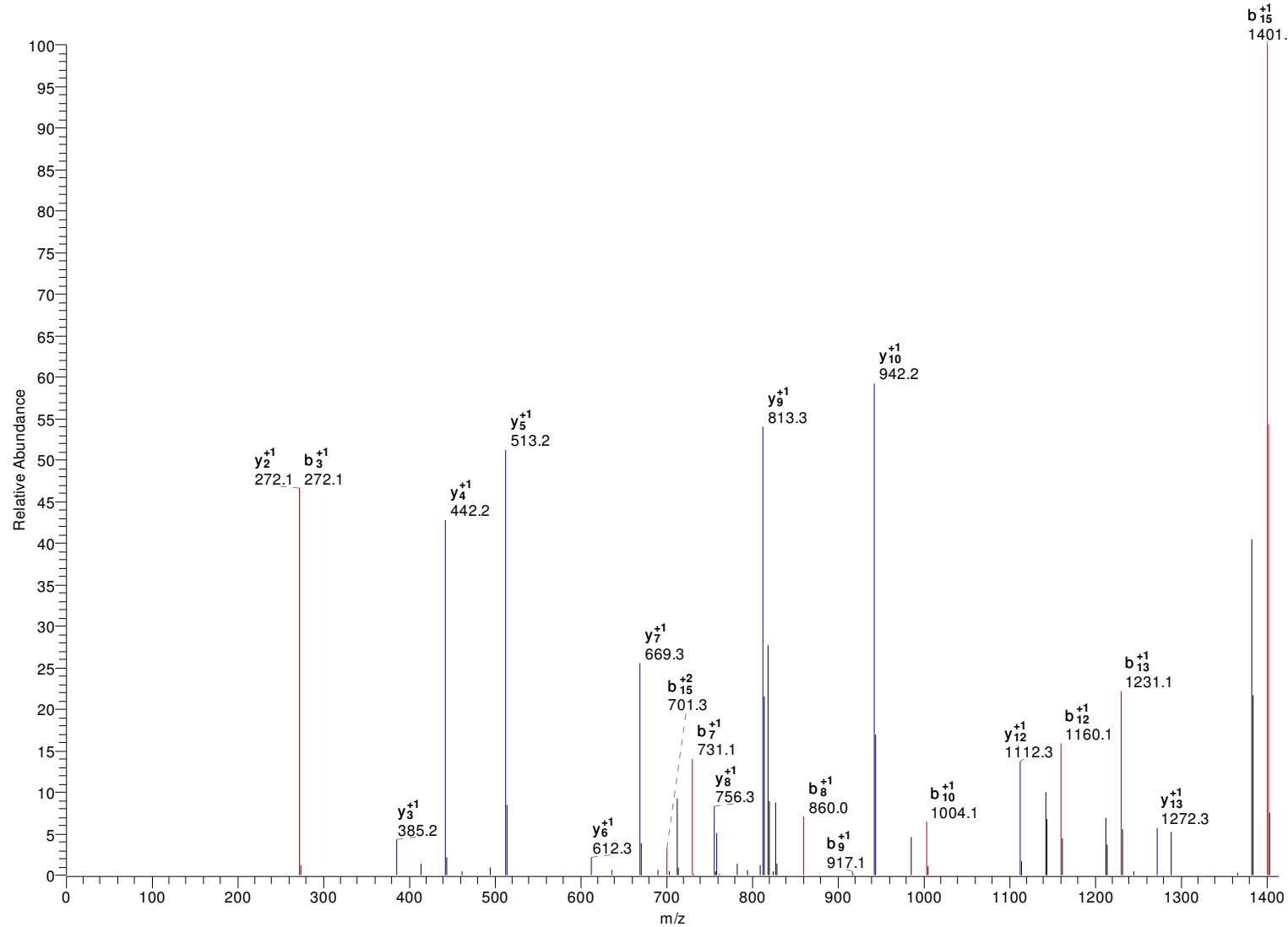


	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	E	130.05	-	14
2	A	201.09	1473.61	13
3	F	348.16	1402.57	12
4	S	435.19	1255.50	11
5	E	564.23	1168.47	10
6	G	621.25	1039.43	9
7	Y	784.31	982.40	8
8	C	944.35	819.34	7
9	S	1031.38	659.31	6
10	D	1146.40	572.28	5
11	P	1243.46	457.25	4
12	A	1314.49	360.20	3
13	N	1428.54	289.16	2
14	R	-	175.12	1

gi|3088522|gb|AAD03404.1| cathepsin B-like protease precursor [Trypanosoma cruzi]
 R.GVDECGIEGSGVAGIPR.I M+H=1672.795898 DeltaM=1.29521
 P(pep)=3.71E-08 Xcorr=3.55 DCn=0.64

z=2

#3342-3342 NL: 9.68E1



b₁₅⁺¹
1401.1

	AA	B	Y	
		✓	✓	
1	G	58.03	-	17
2	V	157.10	1615.77	16
3	D	272.12	1516.71	15
4	E	401.17	1401.68	14
5	C	561.20	1272.64	13
6	G	618.22	1112.61	12
7	I	731.30	1055.58	11
8	E	860.35	942.50	10
9	G	917.37	813.46	9
10	S	1004.40	756.44	8
11	G	1061.42	669.40	7
12	V	1160.49	612.38	6
13	A	1231.53	513.31	5
14	G	1288.55	442.28	4
15	I	1401.63	385.26	3
16	P	1498.68	272.17	2
17	R	-	175.12	1

gi|70884760|gb|EAN97607.1| ADP,ATP carrier protein 1, mitochondrial precursor, putative [Trypanosoma cruzi]

R.LDRPYTGVADCFVHTMK.T

M+H=2009.957275

Delta=1.93235

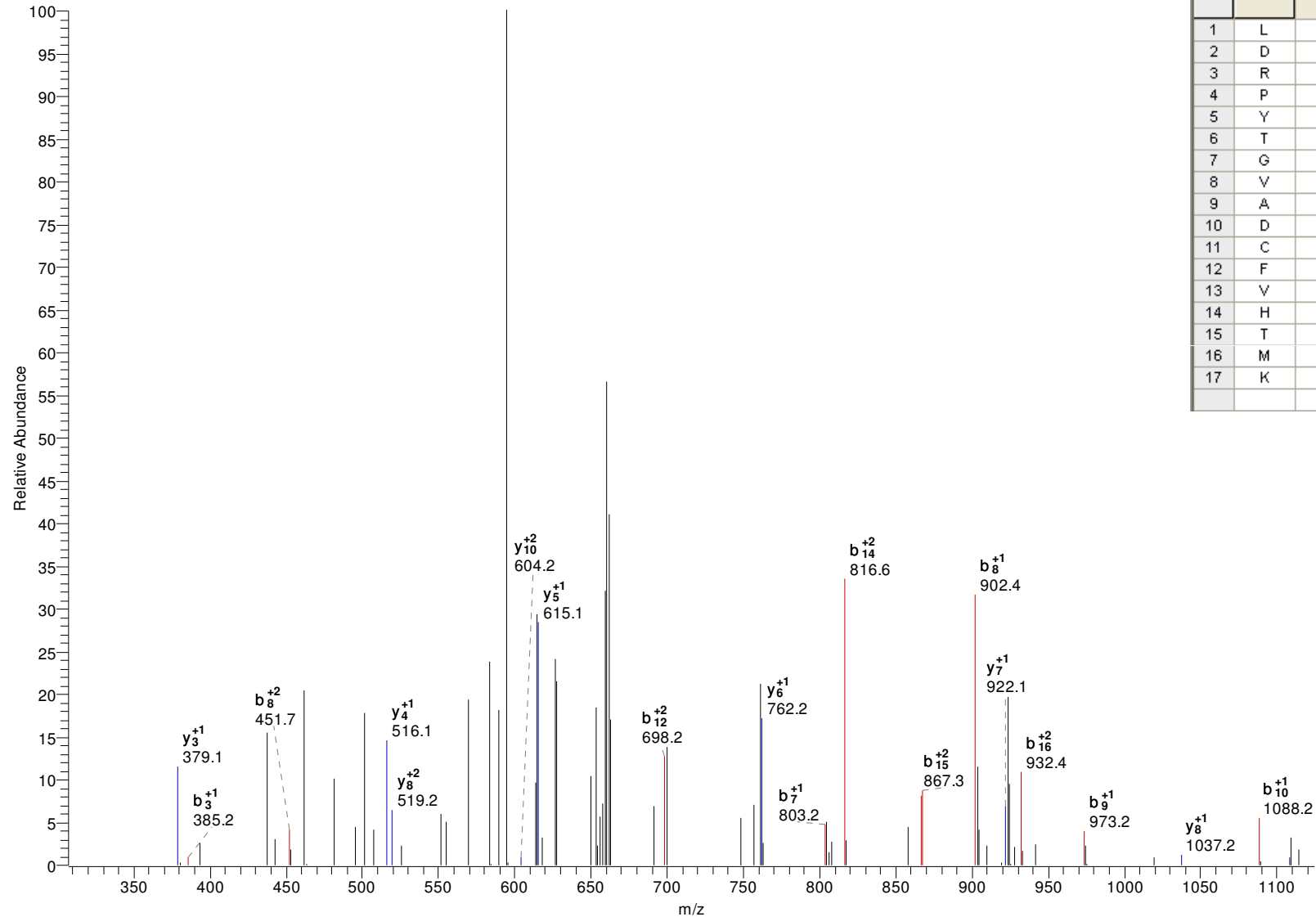
z=3

P(pep)=9.85E-06

Xcorr=3.54

DCn=0.36

#3915-3915 NL: 2.66E1



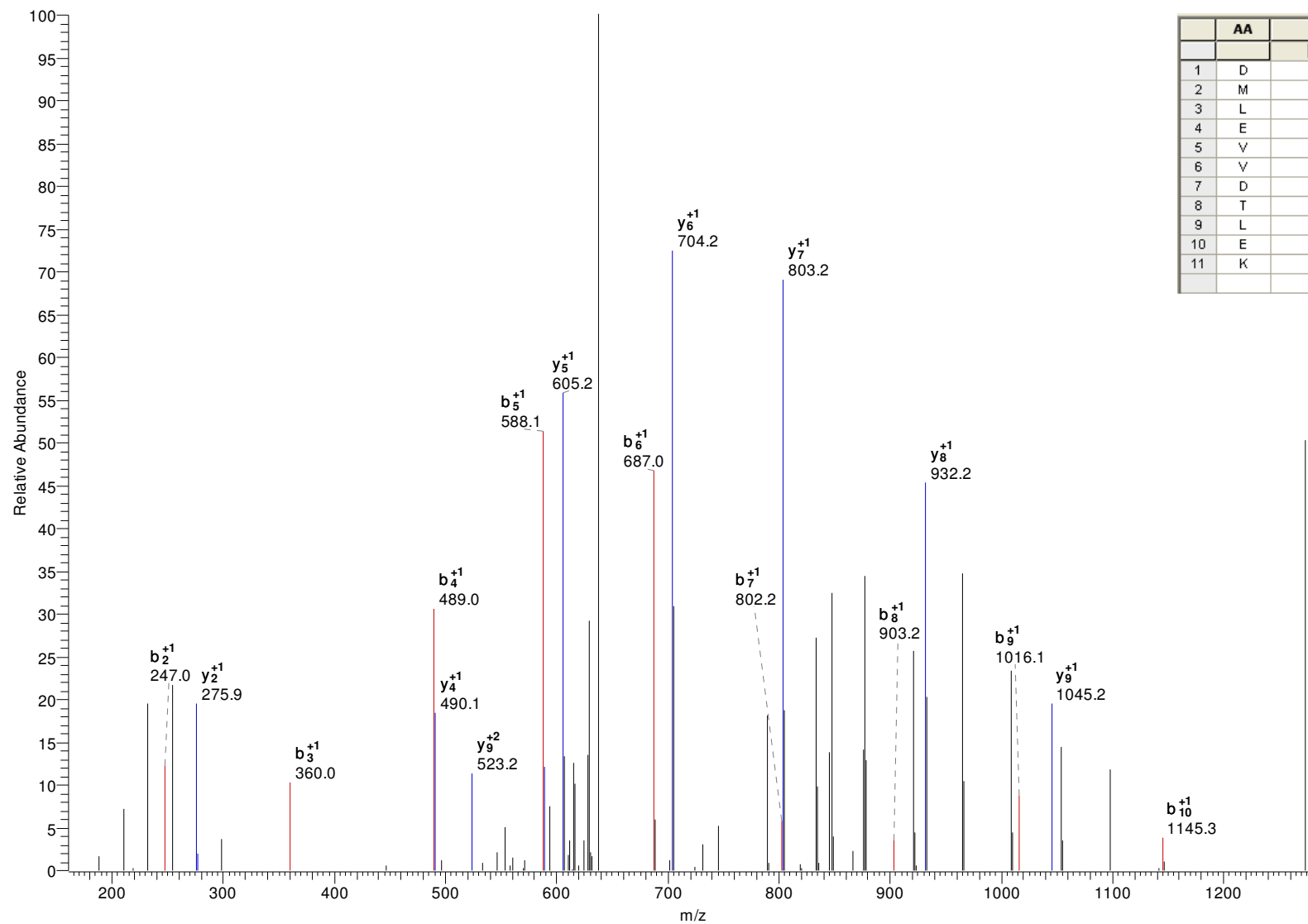
	AA	B	Y	
		✓	✓	
1	L	114.09	-	17
2	D	229.12	1896.87	16
3	R	385.22	1781.85	15
4	P	482.27	1625.75	14
5	Y	645.34	1528.69	13
6	T	746.38	1365.63	12
7	G	803.40	1264.58	11
8	V	902.47	1207.56	10
9	A	973.51	1108.49	9
10	D	1088.54	1037.45	8
11	C	1248.57	922.43	7
12	F	1395.64	762.40	6
13	V	1494.70	615.33	5
14	H	1631.76	516.26	4
15	T	1732.81	379.20	3
16	M	1863.85	278.15	2
17	K	-	147.11	1

gi|70866876|gb|EAN82242.1| co-chaperone GrpE, putative [Trypanosoma cruzi]

K.DMLEVVDTLEK.G M+H=1291.64502 DeltaM=0.95012 z=2

P(pep)=7.43E-05 Xcorr=3.53 DCn=0.40

#4928-4928 NL: 5.94E1



	AA	B	Y	
		☑	☑	
1	D	116.03	-	11
2	M	247.07	1176.62	10
3	L	360.16	1045.58	9
4	E	489.20	932.49	8
5	V	588.27	803.45	7
6	V	687.34	704.38	6
7	D	802.37	605.31	5
8	T	903.41	490.29	4
9	L	1016.50	389.24	3
10	E	1145.54	276.16	2
11	K	-	147.11	1

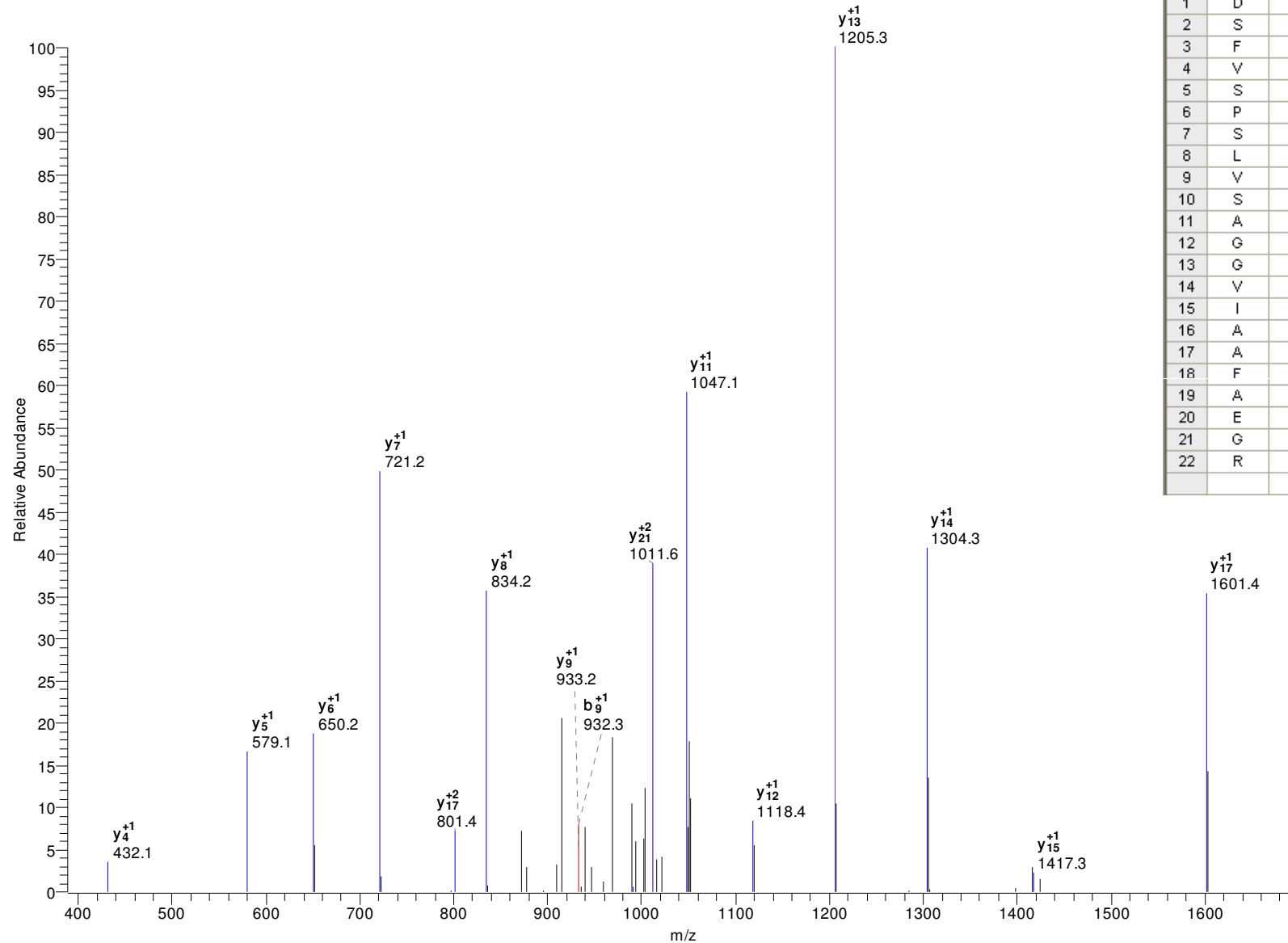
gi|3599495|gb|AAD13347.1| surface glycoprotein Tc85-11[Trypanosoma cruzi]
R.DSFVSPSLVSAGGVIAAFAEGR.I
P(pep)=2.96E-10

M+H=2137.092529
Xcorr=3.49

DeltaM=0.41533
DCn=0.51

z=2

#6709-6709 NL: 3.43E1



	AA	B	Y	
1	D	116.03	-	22
2	S	203.07	2022.07	21
3	F	350.13	1935.03	20
4	V	449.20	1787.97	19
5	S	536.24	1688.90	18
6	P	633.29	1601.86	17
7	S	720.32	1504.81	16
8	L	833.40	1417.78	15
9	V	932.47	1304.70	14
10	S	1019.50	1205.63	13
11	A	1090.54	1118.60	12
12	G	1147.56	1047.56	11
13	G	1204.58	990.54	10
14	V	1303.65	933.52	9
15	I	1416.74	834.45	8
16	A	1487.77	721.36	7
17	A	1558.81	650.33	6
18	F	1705.88	579.29	5
19	A	1776.92	432.22	4
20	E	1905.96	361.18	3
21	G	1962.98	232.14	2
22	R	-	175.12	1

gi|70887017|gb|EAN99782.1| t-complex protein 1, eta subunit, putative [Trypanosoma cruzi]

K.TLQELCVFPDPNSEQGR.K

M+H=1989.933472

DeltaM=0.74968

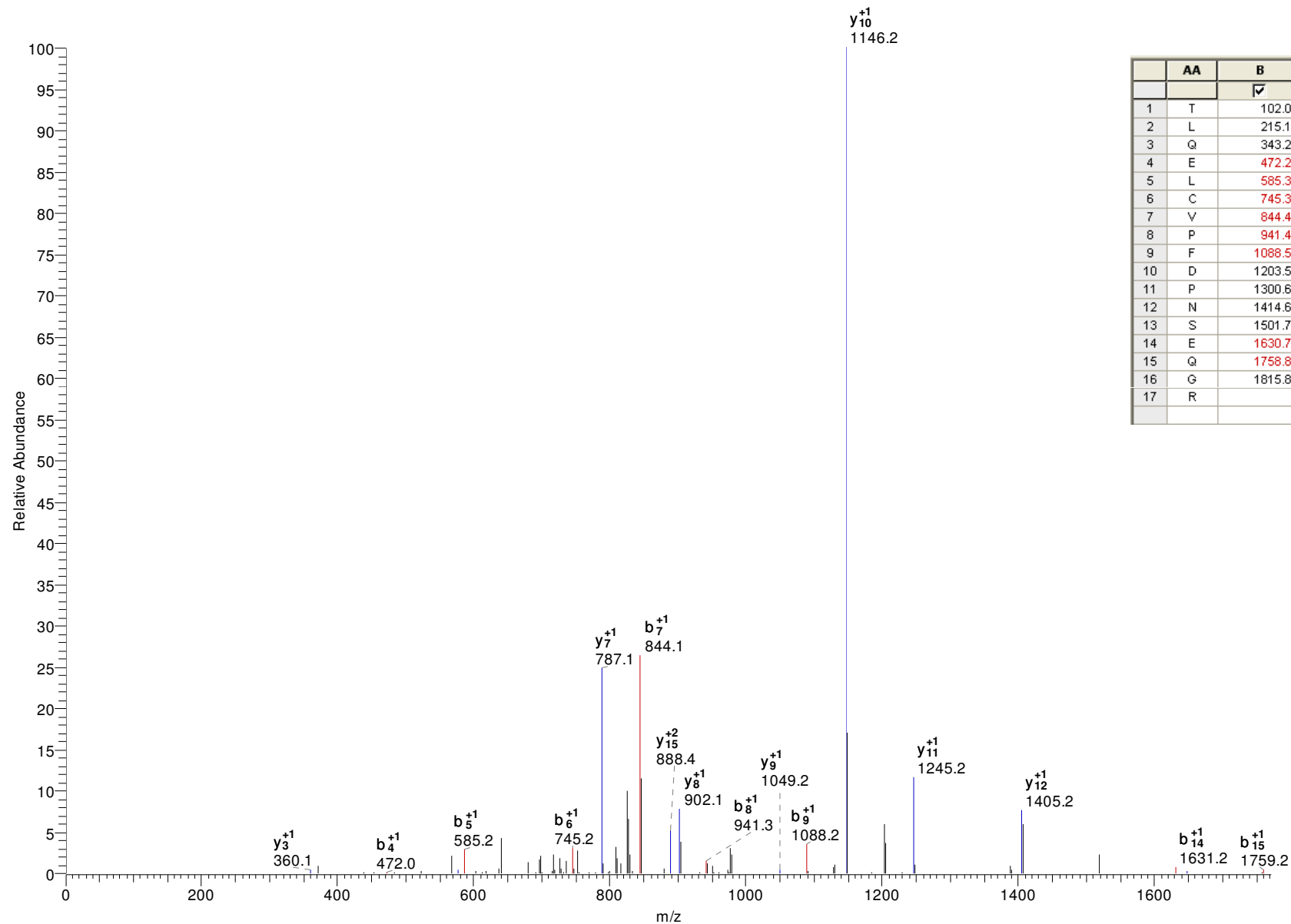
z=2

P(pep)=3.76E-07

Xcorr=3.42

DCn=0.37

#4307-4307 NL: 6.84E2

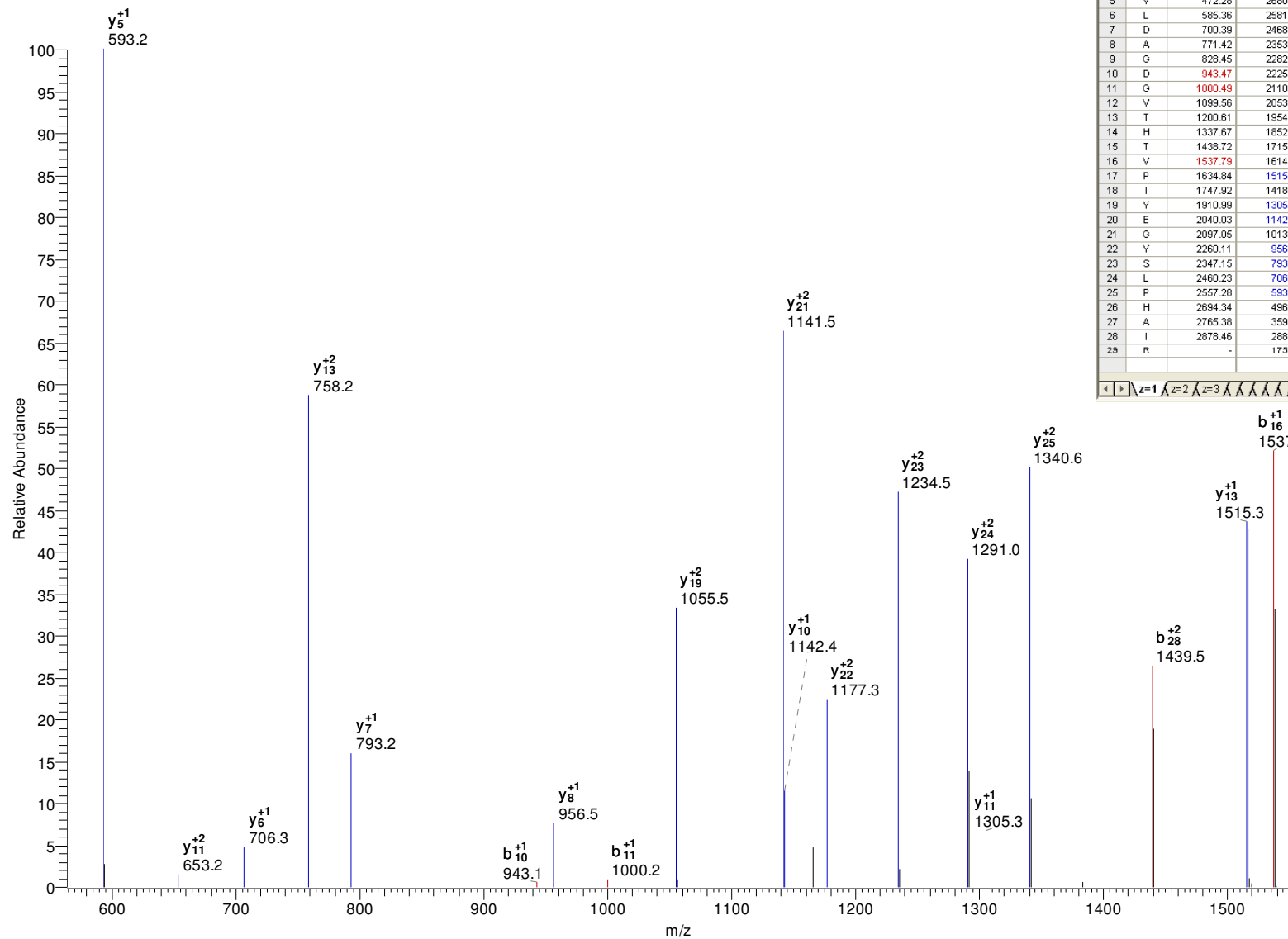


	AA	B	Y	
		✓	✓	
1	T	102.05	-	17
2	L	215.14	1888.89	16
3	Q	343.20	1775.80	15
4	E	472.24	1647.74	14
5	L	585.32	1518.70	13
6	C	745.35	1405.62	12
7	V	844.42	1245.59	11
8	P	941.48	1146.52	10
9	F	1088.54	1049.46	9
10	D	1203.57	902.40	8
11	P	1300.62	787.37	7
12	N	1414.67	690.32	6
13	S	1501.70	576.27	5
14	E	1630.74	489.24	4
15	Q	1758.80	360.20	3
16	G	1815.82	232.14	2
17	R	-	175.12	1

gi|61207176|gb|AAx40321.1| actin [Trypanosoma cruzi]
 R.TTGIVLDAGDGVTHTVPIYEGYSLPHAIR.R
 z=3 P(pep)=4.56E-11 Xcorr=3.41

M+H=3052.57373 DeltaM=1.28965
 DCn=0.50

#4755-4755 NL: 2.24E1



	AA	B	Y	
1	T	102.05	-	29
2	T	203.10	2951.53	28
3	G	260.12	2850.48	27
4	I	373.21	2793.46	26
5	V	472.28	2680.37	25
6	L	585.36	2581.30	24
7	D	700.39	2468.22	23
8	A	771.42	2353.19	22
9	G	828.45	2282.16	21
10	D	943.47	2225.13	20
11	G	1000.49	2110.11	19
12	V	1099.56	2053.09	18
13	T	1200.61	1954.02	17
14	H	1337.67	1852.97	16
15	T	1438.72	1715.91	15
16	V	1537.79	1614.86	14
17	P	1634.84	1515.80	13
18	I	1747.92	1418.74	12
19	Y	1910.99	1305.66	11
20	E	2040.03	1142.60	10
21	G	2097.05	1013.55	9
22	Y	2260.11	956.53	8
23	S	2347.15	793.47	7
24	L	2460.23	706.44	6
25	P	2557.28	593.35	5
26	H	2694.34	496.30	4
27	A	2765.38	359.24	3
28	I	2878.46	268.20	2
29	R	-	173.12	1

	AA	B	Y	
1	T	51.53	-	29
2	T	102.05	1476.27	28
3	G	130.57	1425.74	27
4	I	187.11	1397.23	26
5	V	236.64	1340.69	25
6	L	293.18	1291.16	24
7	D	350.70	1234.61	23
8	A	386.22	1177.10	22
9	G	414.73	1141.58	21
10	D	472.24	1113.07	20
11	G	500.75	1055.56	19
12	V	550.29	1027.05	18
13	T	600.81	977.51	17
14	H	669.34	926.99	16
15	T	719.86	858.46	15
16	V	769.40	807.94	14
17	P	817.92	758.40	13
18	I	874.46	709.87	12
19	Y	956.00	653.33	11
20	E	1020.52	571.80	10
21	G	1049.03	507.28	9
22	Y	1130.56	478.77	8
23	S	1174.08	397.24	7
24	L	1230.62	353.72	6
25	P	1279.14	297.18	5
26	H	1347.67	248.65	4
27	A	1383.19	180.12	3
28	I	1439.73	144.61	2
29	R	-	86.06	1

z=1 z=2 z=3

z=1 z=2 z=3

gi|70876182|gb|EAN89660.1| vacuolar ATP synthase, putative [Trypanosoma cruzi]

K.SGVGVAHLGILHSER.I

M+H=1531.833984

DeltaM=0.10515

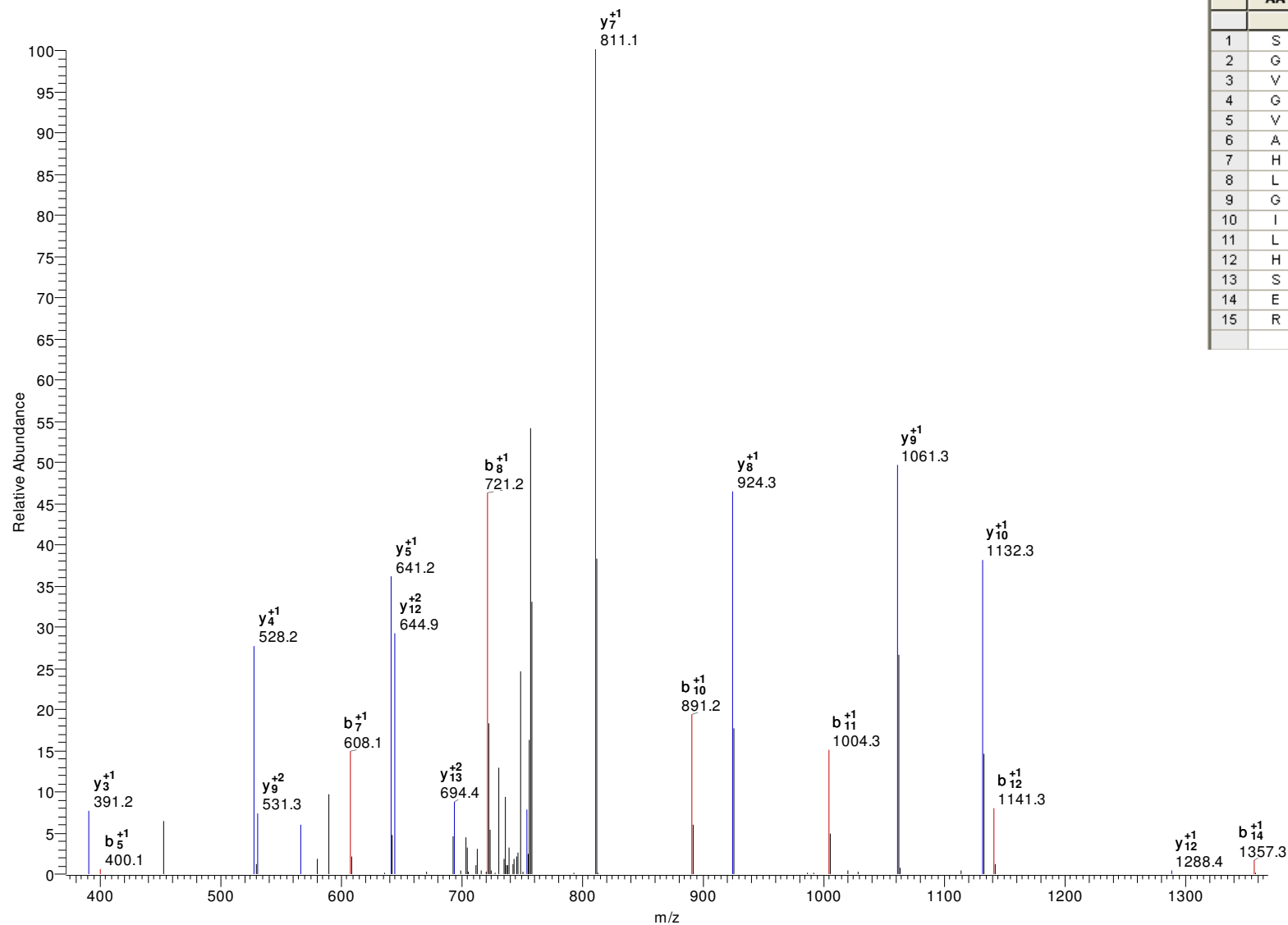
z=2

P(pep)=1.75E-06

Xcorr=3.37

DCn=0.57

#3056-3056 NL: 7.79E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	S	88.04	-	15
2	G	145.06	1444.80	14
3	V	244.13	1387.78	13
4	G	301.15	1288.71	12
5	V	400.22	1231.69	11
6	A	471.26	1132.62	10
7	H	608.32	1061.59	9
8	L	721.40	924.53	8
9	G	778.42	811.44	7
10	I	891.50	754.42	6
11	L	1004.59	641.34	5
12	H	1141.65	528.25	4
13	S	1228.68	391.19	3
14	E	1357.72	304.16	2
15	R	-	175.12	1

gi|70879190|gb|EAN92384.1| ADG1-like protein, putative [Trypanosoma cruzi]

R.RLELQNVEQTR.S

M+H=1385.749512

DeltaM=0.63982

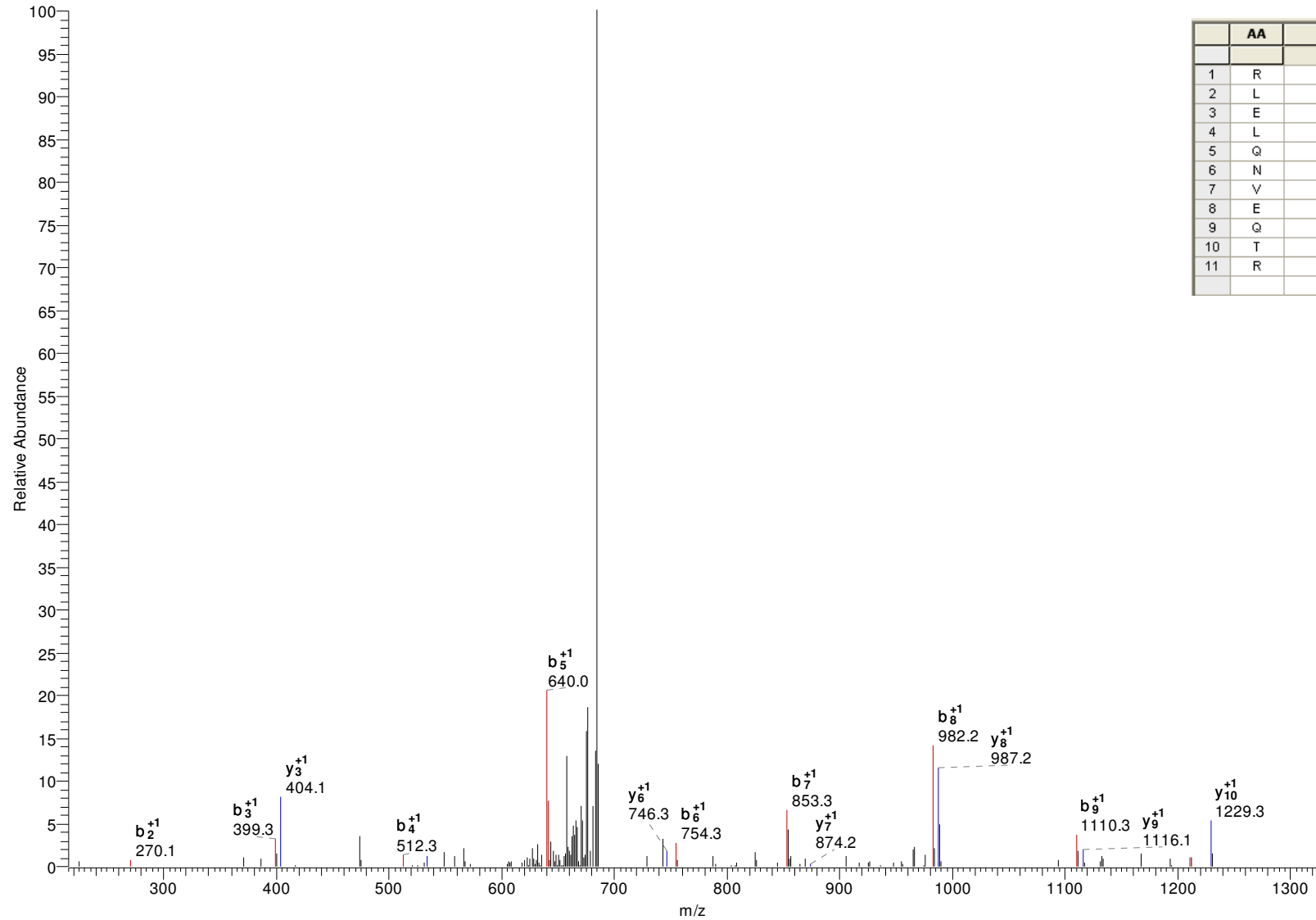
z=2

P(pep)=7.94E-05

Xcorr=3.37

DCn=0.46

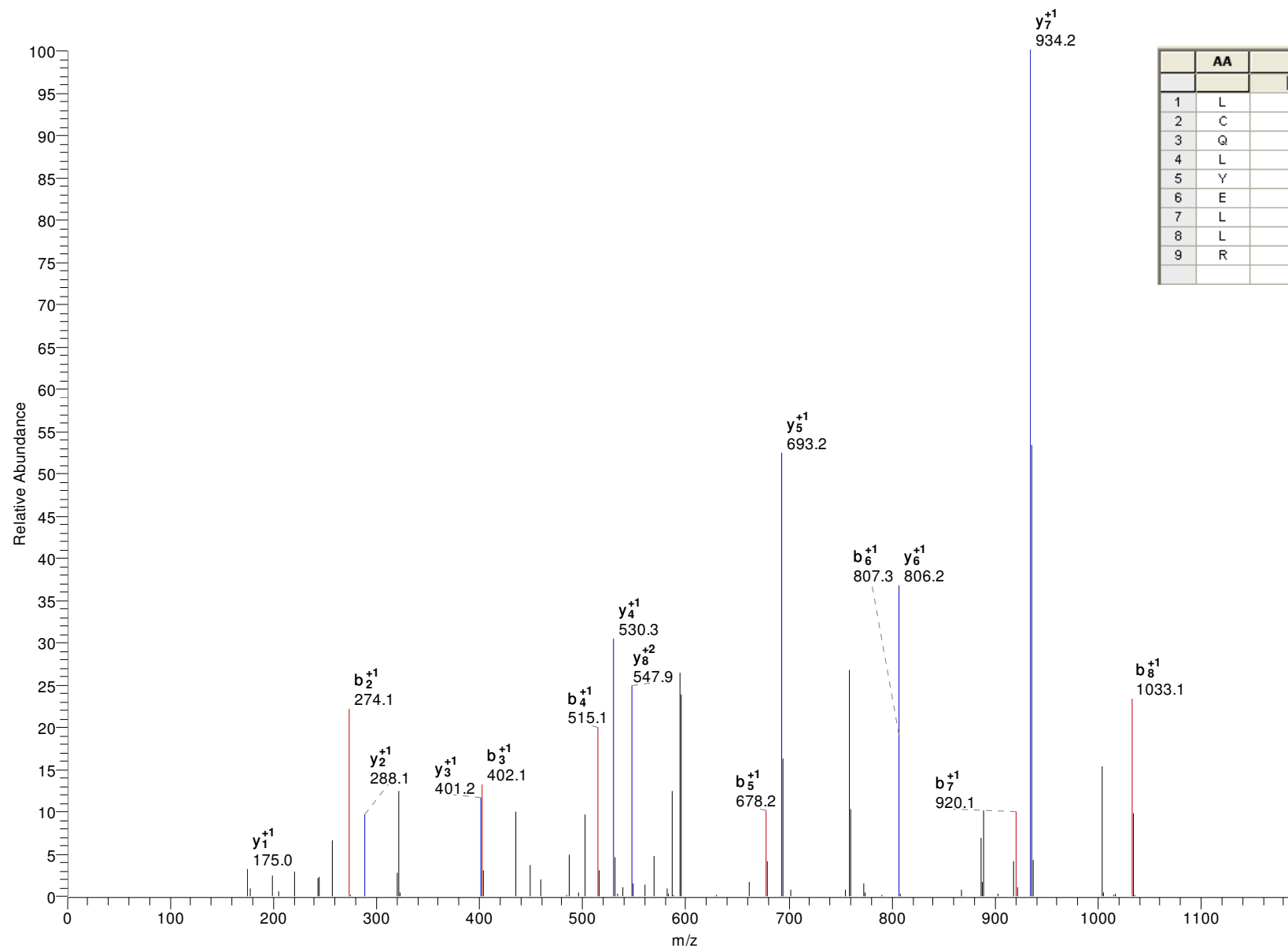
#2704-2704 NL: 1.72E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	R	157.11	-	11
2	L	270.19	1229.65	10
3	E	399.24	1116.56	9
4	L	512.32	987.52	8
5	Q	640.38	874.44	7
6	N	754.42	746.38	6
7	V	853.49	632.34	5
8	E	982.53	533.27	4
9	Q	1110.59	404.23	3
10	T	1211.64	276.17	2
11	R	-	175.12	1

gi|70868637|gb|EAN83435.1| hypothetical protein, conserved [Trypanosoma cruzi]
 R.LCQLYELLR.D M+H=1207.650391 DeltaM=0.40691 z=2
 P(pep)=4.13E-05 Xcorr=3.36 DCn=0.09

#4964-4964 NL: 1.32E2



	AA	B	Y	
		✓	✓	
1	L	114.09	-	9
2	C	274.12	1094.57	8
3	Q	402.18	934.54	7
4	L	515.26	806.48	6
5	Y	678.33	693.39	5
6	E	807.37	530.33	4
7	L	920.45	401.29	3
8	L	1033.54	288.20	2
9	R	-	175.12	1

gi|70885133|gb|EAN97964.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.TLLTVLNGVGSAAGR.L

M+H=1428.816895

DeltaM=1.58391

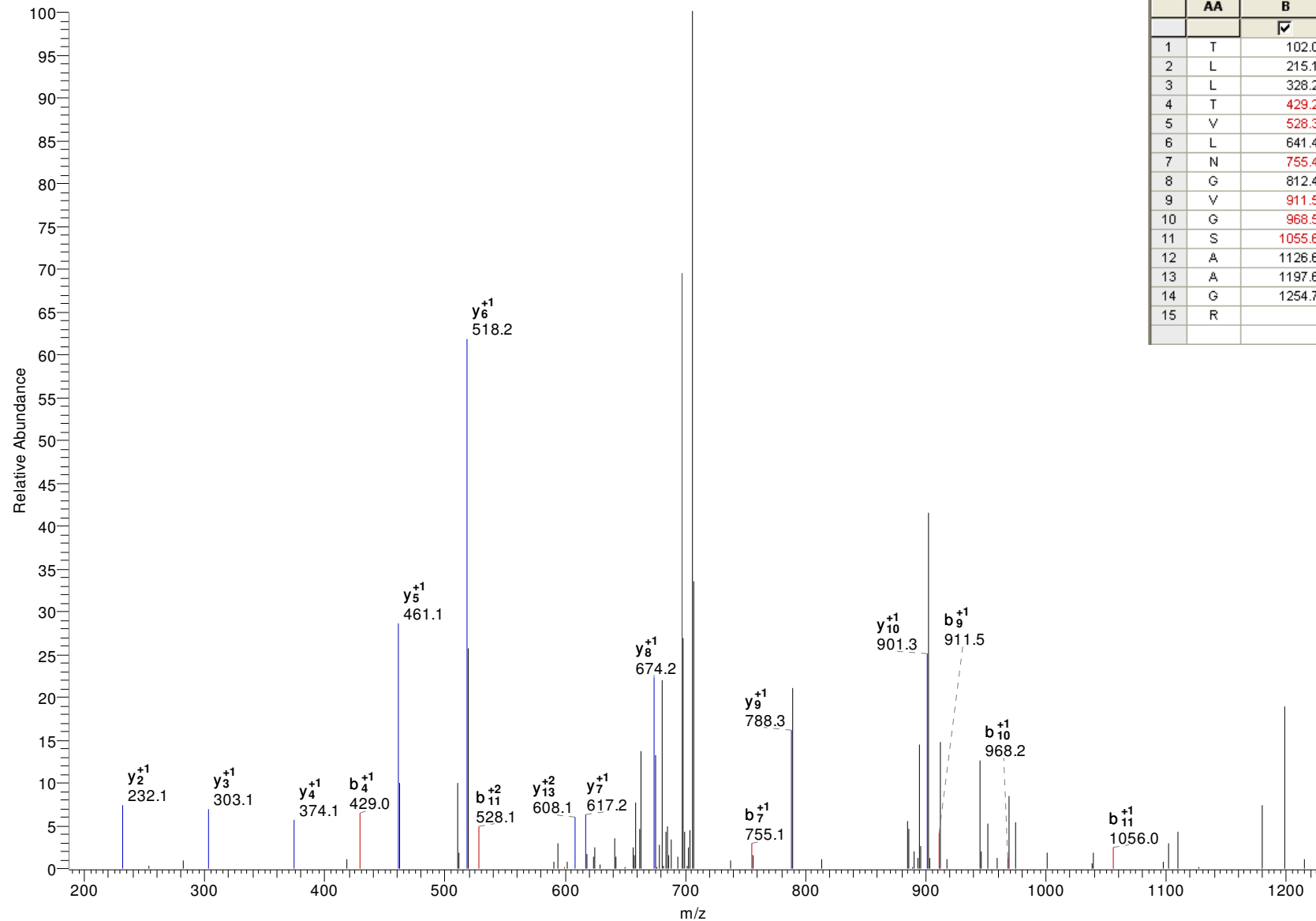
z=2

P(pep)=4.38E-09

Xcorr=3.36

DCn=0.46

#4981-4981 NL: 5.14E1



	AA	B	Y	
		✓	✓	
1	T	102.05	-	15
2	L	215.14	1327.77	14
3	L	328.22	1214.69	13
4	T	429.27	1101.60	12
5	V	528.34	1000.55	11
6	L	641.42	901.49	10
7	N	755.47	788.40	9
8	G	812.49	674.36	8
9	V	911.56	617.34	7
10	G	968.58	518.27	6
11	S	1055.61	461.25	5
12	A	1126.65	374.21	4
13	A	1197.68	303.18	3
14	G	1254.71	232.14	2
15	R	-	175.12	1

gi|70877737|gb|EAN91053.1| L-threonine 3-dehydrogenase, putative [Trypanosoma cruzi]

K.DDTILNPSTVYGVTK.V

M+H=1622.827148

DeltaM=0.92290

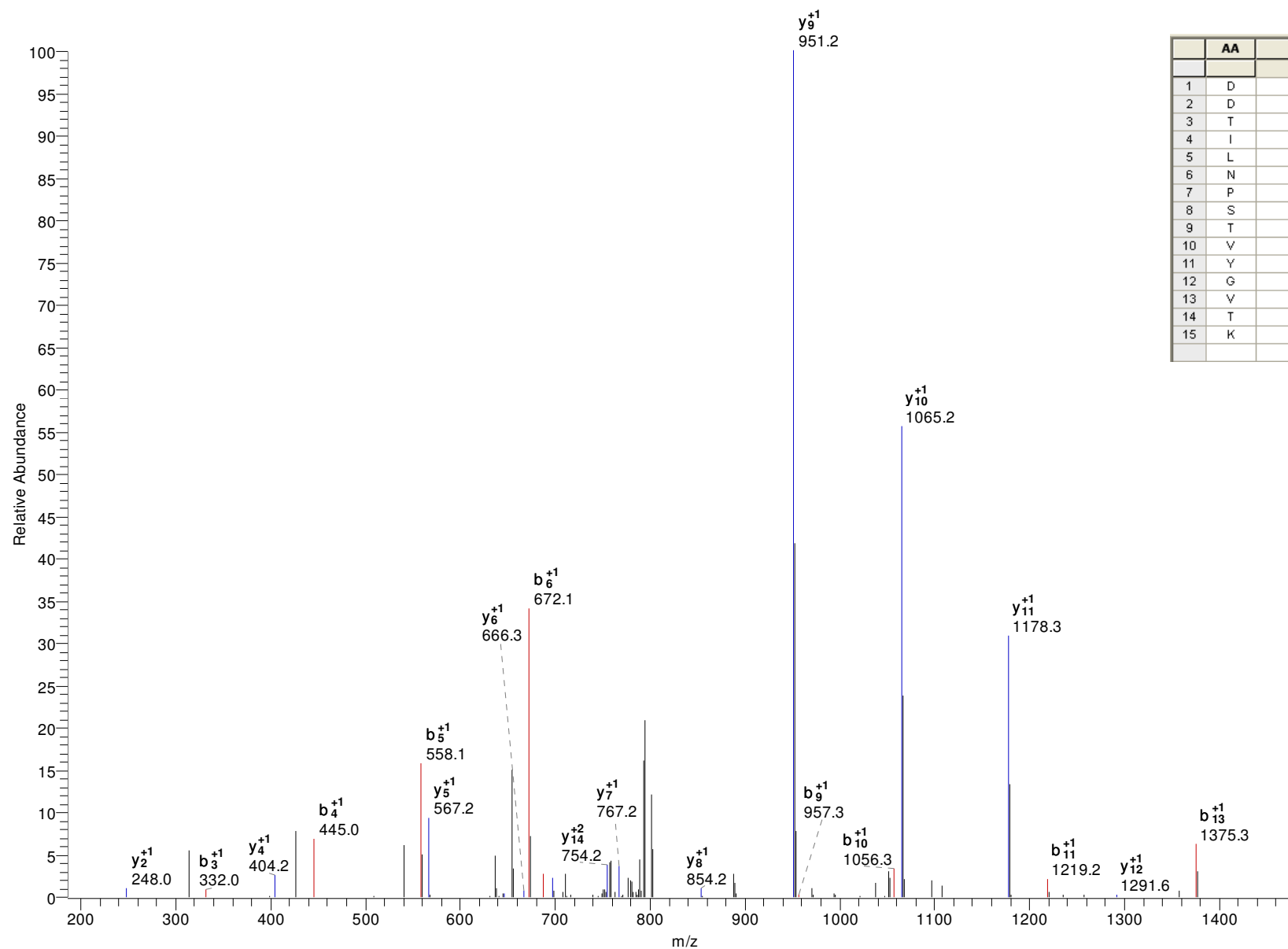
z=2

P(pep)=0.000585515

Xcorr=3.35

DCn=0.44

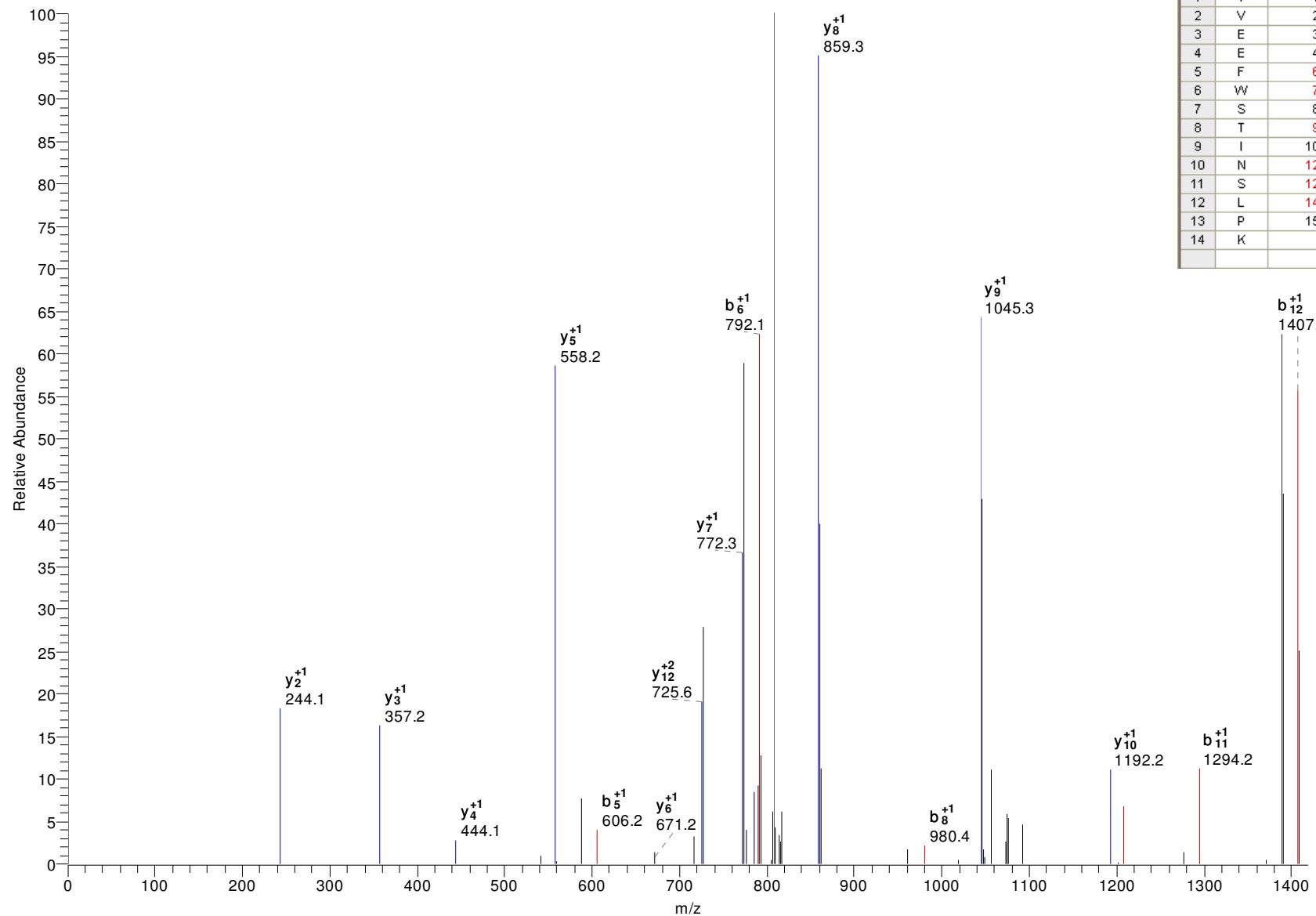
#3916-3916 NL: 1.48E2



	AA	B	Y	
		✓	✓	
1	D	116.03	-	15
2	D	231.06	1507.80	14
3	T	332.11	1392.77	13
4	I	445.19	1291.73	12
5	L	558.28	1178.64	11
6	N	672.32	1065.56	10
7	P	769.37	951.51	9
8	S	856.40	854.46	8
9	T	957.45	767.43	7
10	V	1056.52	666.38	6
11	Y	1219.58	567.31	5
12	G	1276.61	404.25	4
13	V	1375.67	347.23	3
14	T	1476.72	248.16	2
15	K	-	147.11	1

gi|70870752|gb|EAN85029.1| hypothetical protein, conserved [Trypanosoma cruzi]
R.TVEEFWSTINSLPK.L M+H=1650.837402 DeltaM=1.17534 z=2
P(pep)=6.30E-07 Xcorr=3.35 DCn=0.56

#5663-5663 NL: 2.13E1



	AA	B	Y	
		✓	✓	
1	T	102.05	-	14
2	V	201.12	1549.79	13
3	E	330.17	1450.72	12
4	E	459.21	1321.68	11
5	F	606.28	1192.64	10
6	W	792.36	1045.57	9
7	S	879.39	859.49	8
8	T	980.44	772.46	7
9	I	1093.52	671.41	6
10	N	1207.56	558.32	5
11	S	1294.60	444.28	4
12	L	1407.68	357.25	3
13	P	1504.73	244.17	2
14	K	-	147.11	1

gi|70867170|gb|EAN82432.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.FFEEVPDAWSNEK.N

M+H=1597.716919

DeltaM=1.22136

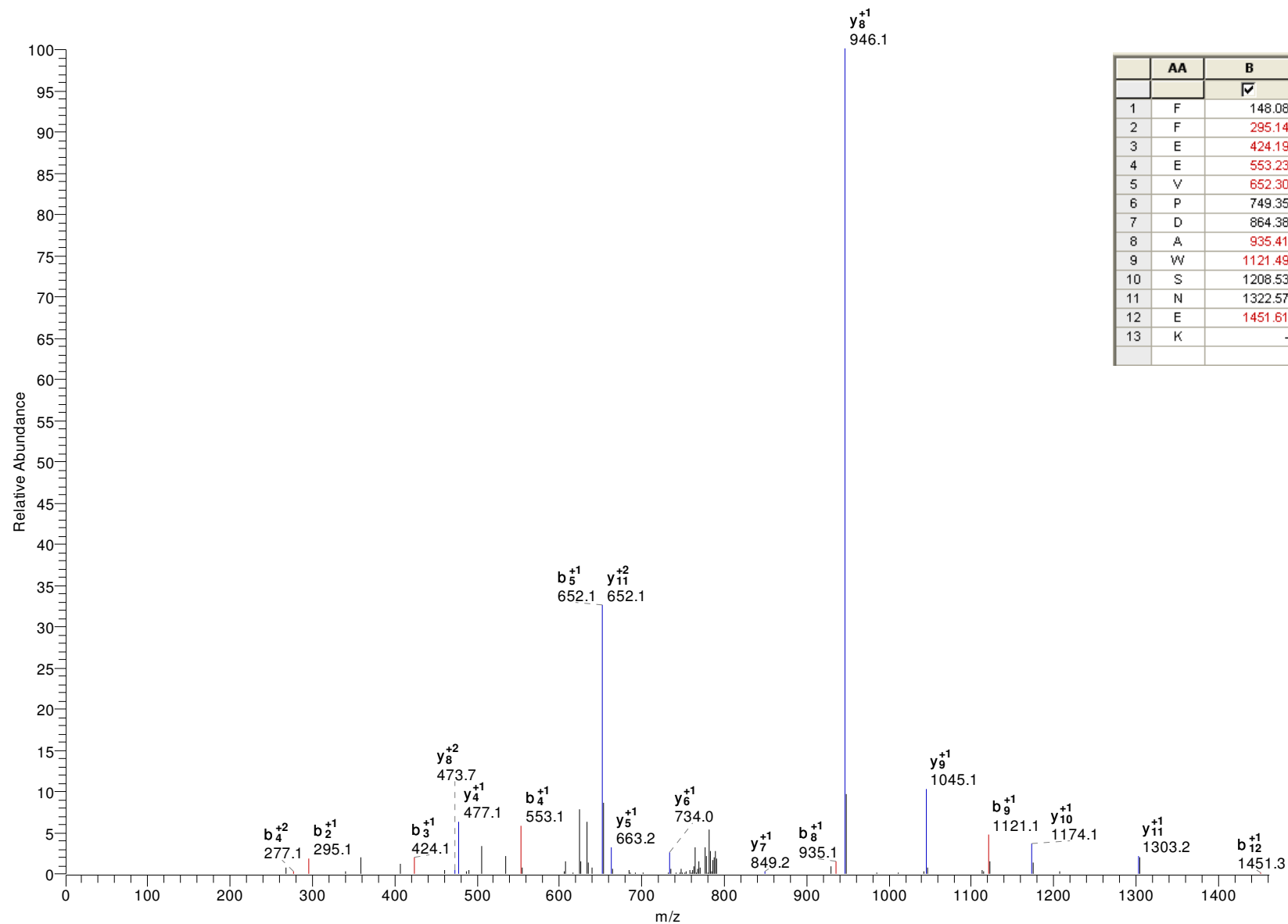
z=2

P(pep)=8.28E-06

Xcorr=3.33

DCn=0.54

#4039-4039 NL: 4.16E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	F	148.08	-	13
2	F	295.14	1450.65	12
3	E	424.19	1303.58	11
4	E	553.23	1174.54	10
5	V	652.30	1045.49	9
6	P	749.35	946.43	8
7	D	864.38	849.37	7
8	A	935.41	734.35	6
9	W	1121.49	663.31	5
10	S	1208.53	477.23	4
11	N	1322.57	390.20	3
12	E	1451.61	276.16	2
13	K	-	147.11	1

gi|70886428|gb|EAN99210.1| proteasome regulatory non-ATPase subunit 6, putative [Trypanosoma cruzi]

K.DSPFLADEVLQR.R

M+H=1389.700928

DeltaM=0.90044

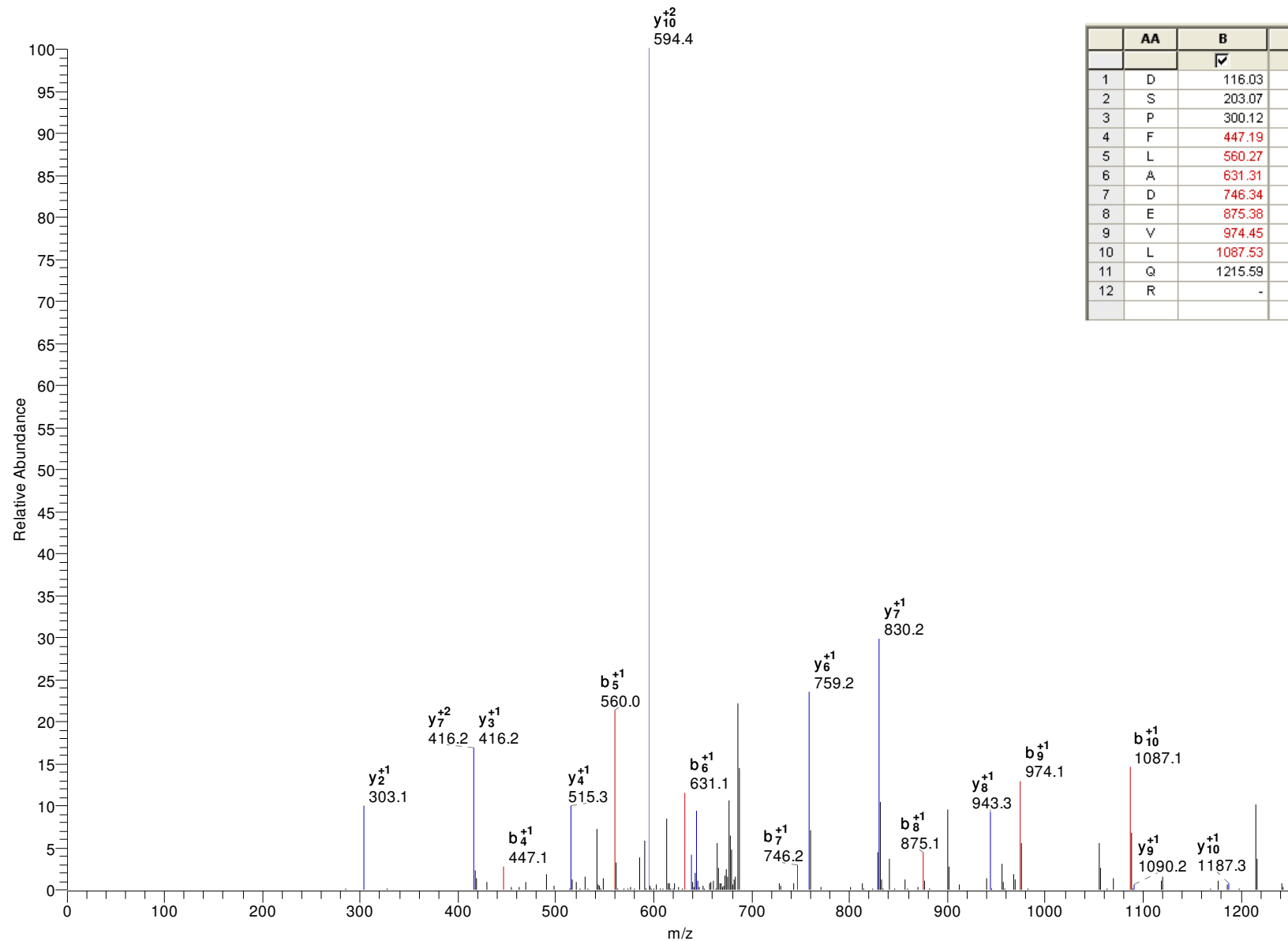
z=2

P(pep)=3.68E-07

Xcorr=3.31

DCn=0.41

#4177-4177 NL: 2.94E2



	AA	B	Y	
		✓	✓	
1	D	116.03	-	12
2	S	203.07	1274.67	11
3	P	300.12	1187.64	10
4	F	447.19	1090.59	9
5	L	560.27	943.52	8
6	A	631.31	830.44	7
7	D	746.34	759.40	6
8	E	875.38	644.37	5
9	V	974.45	515.33	4
10	L	1087.53	416.26	3
11	Q	1215.59	303.18	2
12	R	-	175.12	1

gi|70882458|gb|EAN95427.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.SKLDVAVVEIEK.K

M+H=1301.731079

DeltaM=0.19475

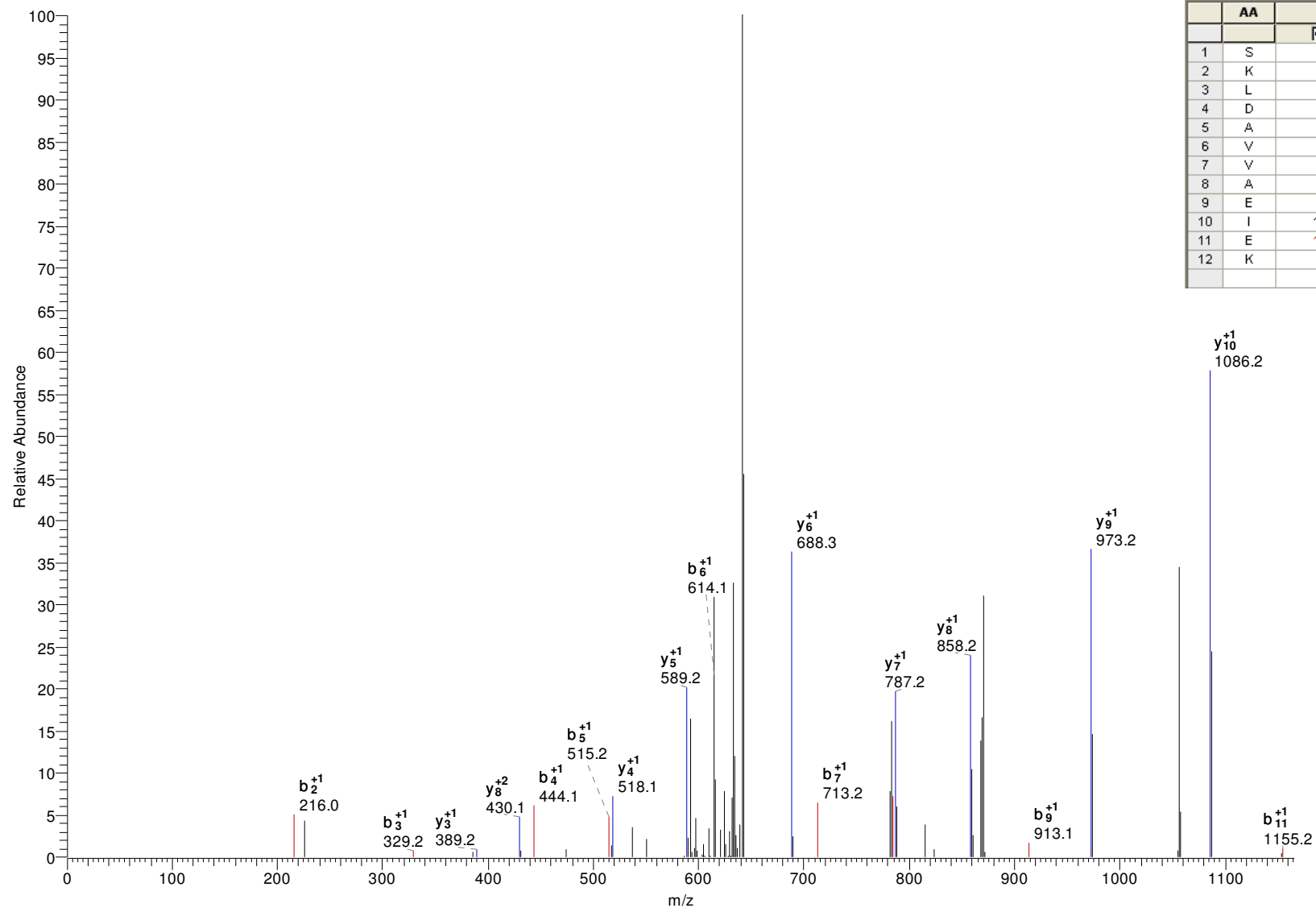
z=2

P(pep)=1.86E-05

Xcorr=3.30

DCn=0.49

#4070-4070 NL: 6.62E1



	AA	B	Y	
		✓	✓	
1	S	88.04	-	12
2	K	216.13	1214.70	11
3	L	329.22	1086.60	10
4	D	444.25	973.52	9
5	A	515.28	858.49	8
6	V	614.35	787.46	7
7	V	713.42	688.39	6
8	A	784.46	589.32	5
9	E	913.50	518.28	4
10	I	1026.58	389.24	3
11	E	1155.63	276.16	2
12	K	-	147.11	1

gi|124109205|gb|ABM91078.1| thiol transferase Tc52 [Trypanosoma cruzi]

K.ACTPDLTEGQDLLANYK.L

M+H=1908.900757

DeltaM=0.31169

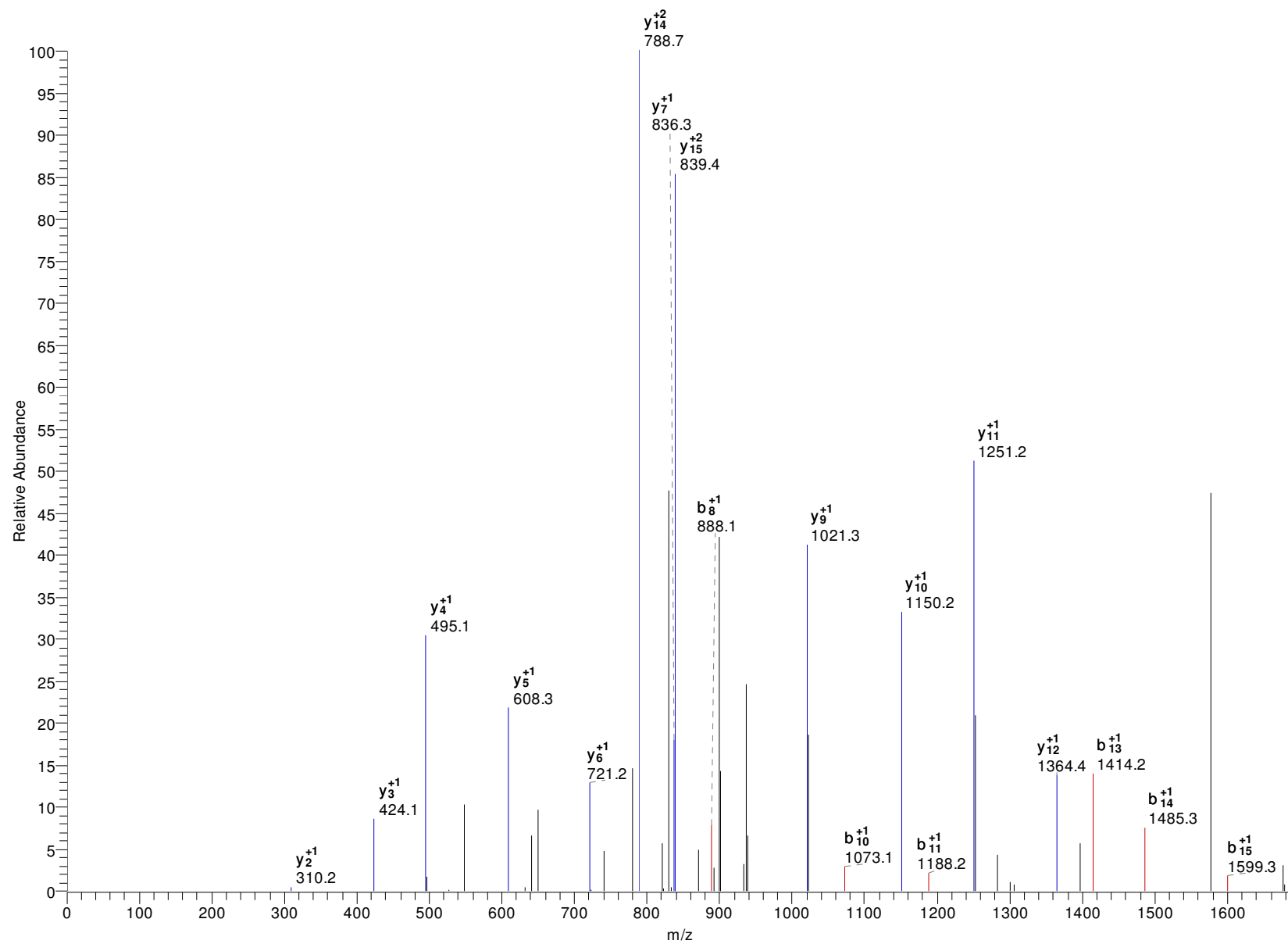
z=2

P(pep)=5.68E-07

Xcorr=3.29

DCn=0.53

#4353-4353 NL: 5.79E1



gi|70879737|gb|EAN92888.1| acyl-CoA dehydrogenase, putative [Trypanosoma cruzi]

K.ELFESLLEEASK.L

M+H=1394.704956

Xcorr=1.92571

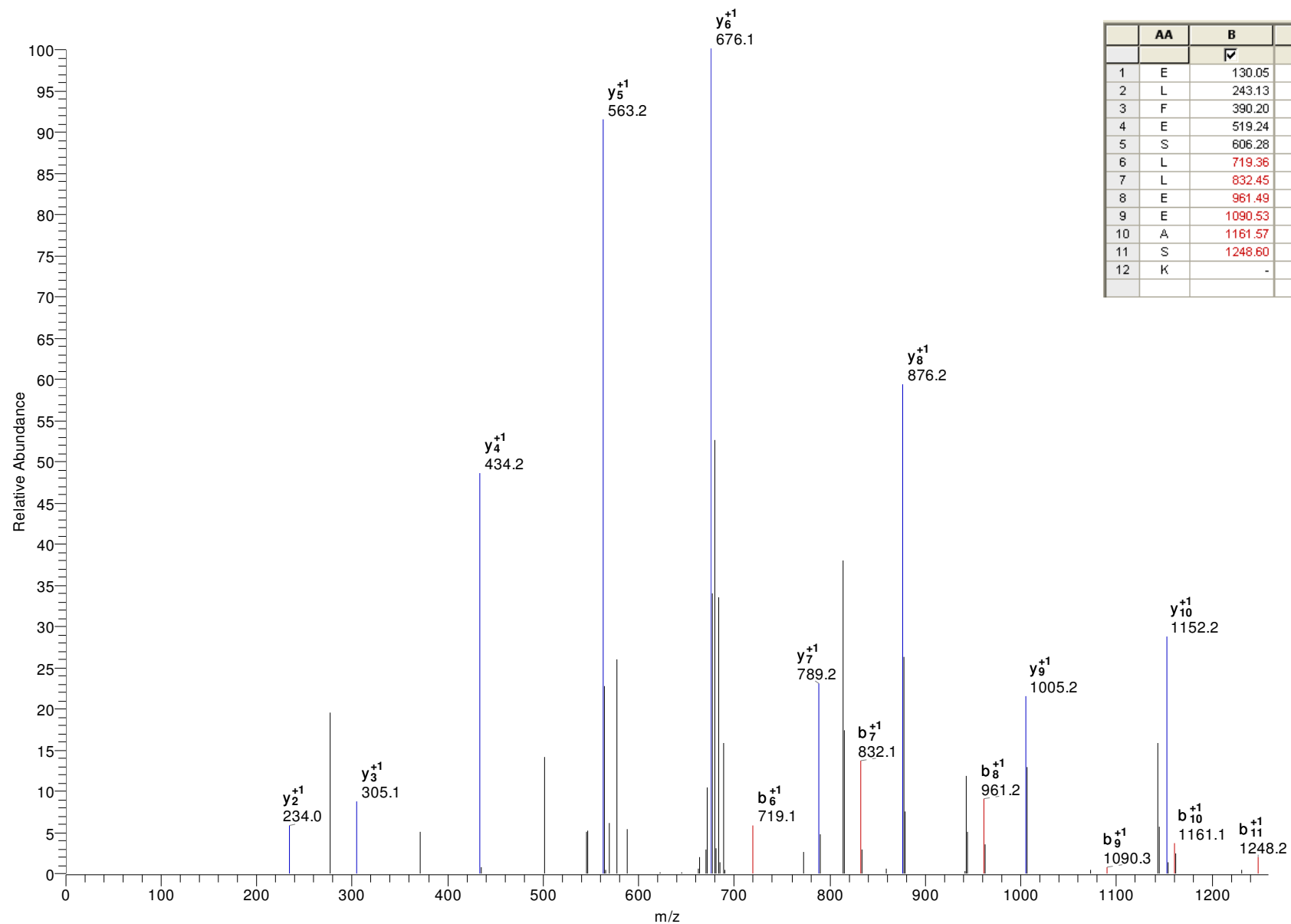
z=2

P(pep)=9.87E-07

Xcorr=3.25

DCn=0.43

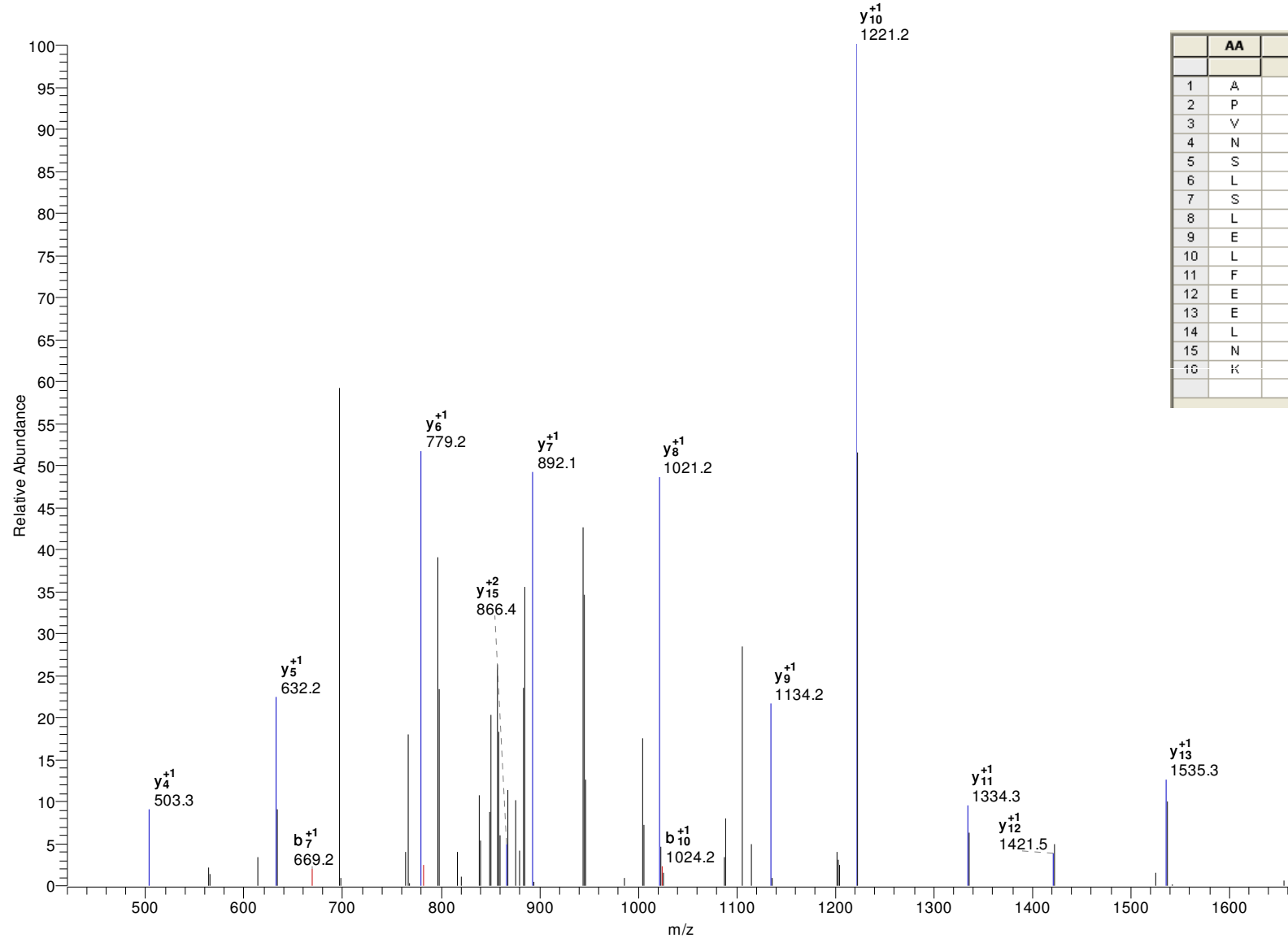
#5864-5864 NL: 4.72E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	E	130.05	-	12
2	L	243.13	1265.66	11
3	F	390.20	1152.58	10
4	E	519.24	1005.51	9
5	S	606.28	876.47	8
6	L	719.36	789.44	7
7	L	832.45	676.35	6
8	E	961.49	563.27	5
9	E	1090.53	434.22	4
10	A	1161.57	305.18	3
11	S	1248.60	234.14	2
12	K	-	147.11	1

gi|70868943|gb|EAN83656.1| 3,2-trans-enoyl-CoA isomerase, mitochondrial precursor, putative [Trypanosoma cruzi] R.APVNSLSLELFEELNK.W M+H=1802.953491 DeltaM=1.30168 z=2
P(pep)=1.02E-06 Xcorr=3.24 DCn=0.58

#5785-5785 NL: 3.80E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	A	72.04	-	16
2	P	169.10	1731.92	15
3	V	268.17	1634.86	14
4	N	382.21	1535.80	13
5	S	469.24	1421.75	12
6	L	582.32	1334.72	11
7	S	669.36	1221.64	10
8	L	782.44	1134.60	9
9	E	911.48	1021.52	8
10	L	1024.57	892.48	7
11	F	1171.64	779.39	6
12	E	1300.68	632.32	5
13	E	1429.72	503.28	4
14	L	1542.81	374.24	3
15	N	1656.85	261.16	2
16	K	-	147.11	1

gi|70886602|gb|EAN99378.1| 40S ribosomal protein S5, putative [Trypanosoma cruzi]

K.TLPECLADEIVNASK.G

M+H=1659.825806

DeltaM=0.52141

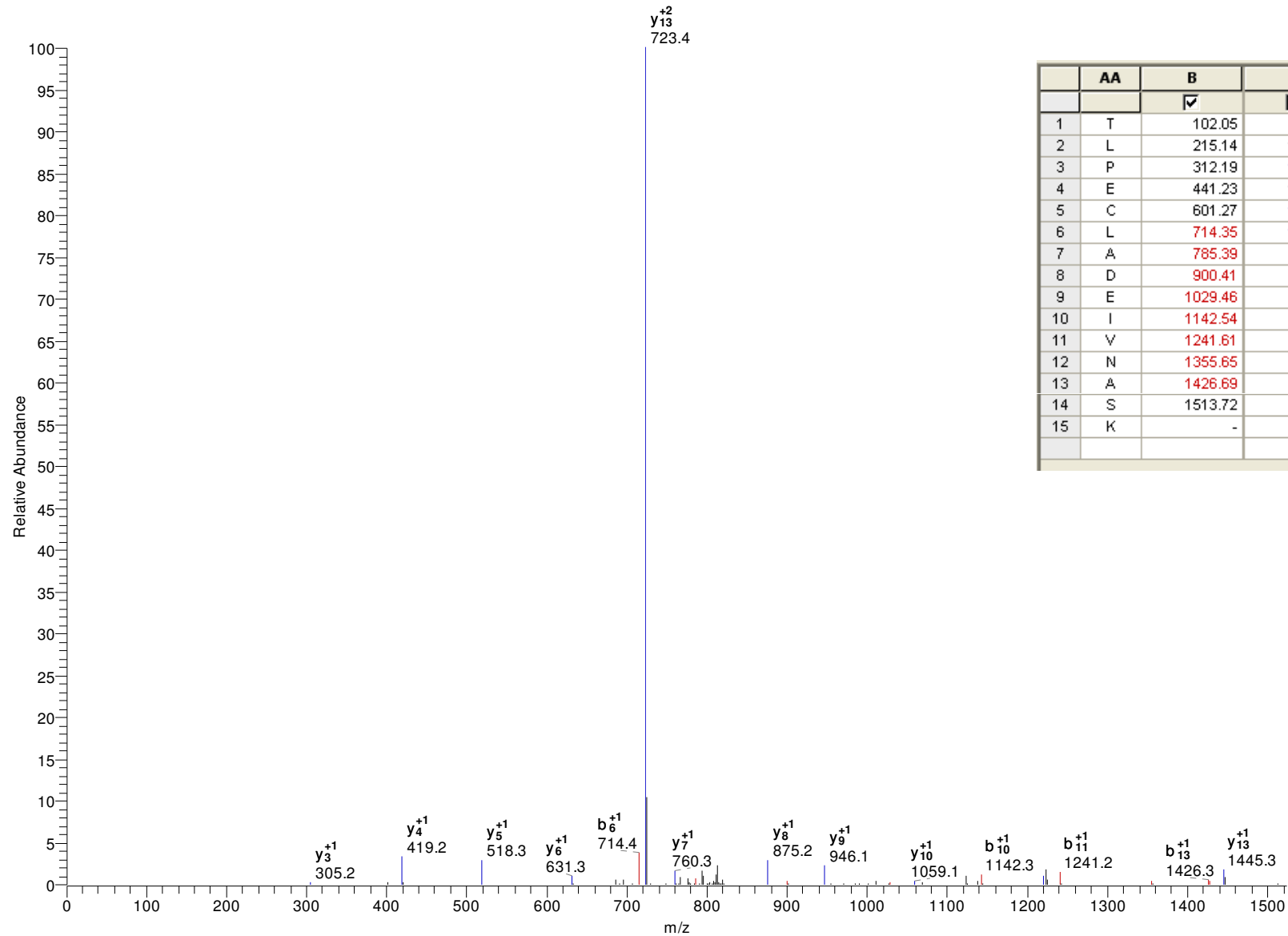
z=2

P(pep)=8.59E-07

Xcorr=3.23

DCn=0.58

#4880-4880 NL: 8.34E2



	AA	B	Y	
1	T	102.05	-	15
2	L	215.14	1558.78	14
3	P	312.19	1445.69	13
4	E	441.23	1348.64	12
5	C	601.27	1219.60	11
6	L	714.35	1059.57	10
7	A	785.39	946.48	9
8	D	900.41	875.45	8
9	E	1029.46	760.42	7
10	I	1142.54	631.38	6
11	V	1241.61	518.29	5
12	N	1355.65	419.22	4
13	A	1426.69	305.18	3
14	S	1513.72	234.14	2
15	K	-	147.11	1

gi|70881937|gb|EAN94935.1| ABC transporter, putative [Trypanosoma cruzi]

K.DPPEGYDPVCSK.S

M+H=1363.583496

DeltaM=0.53618

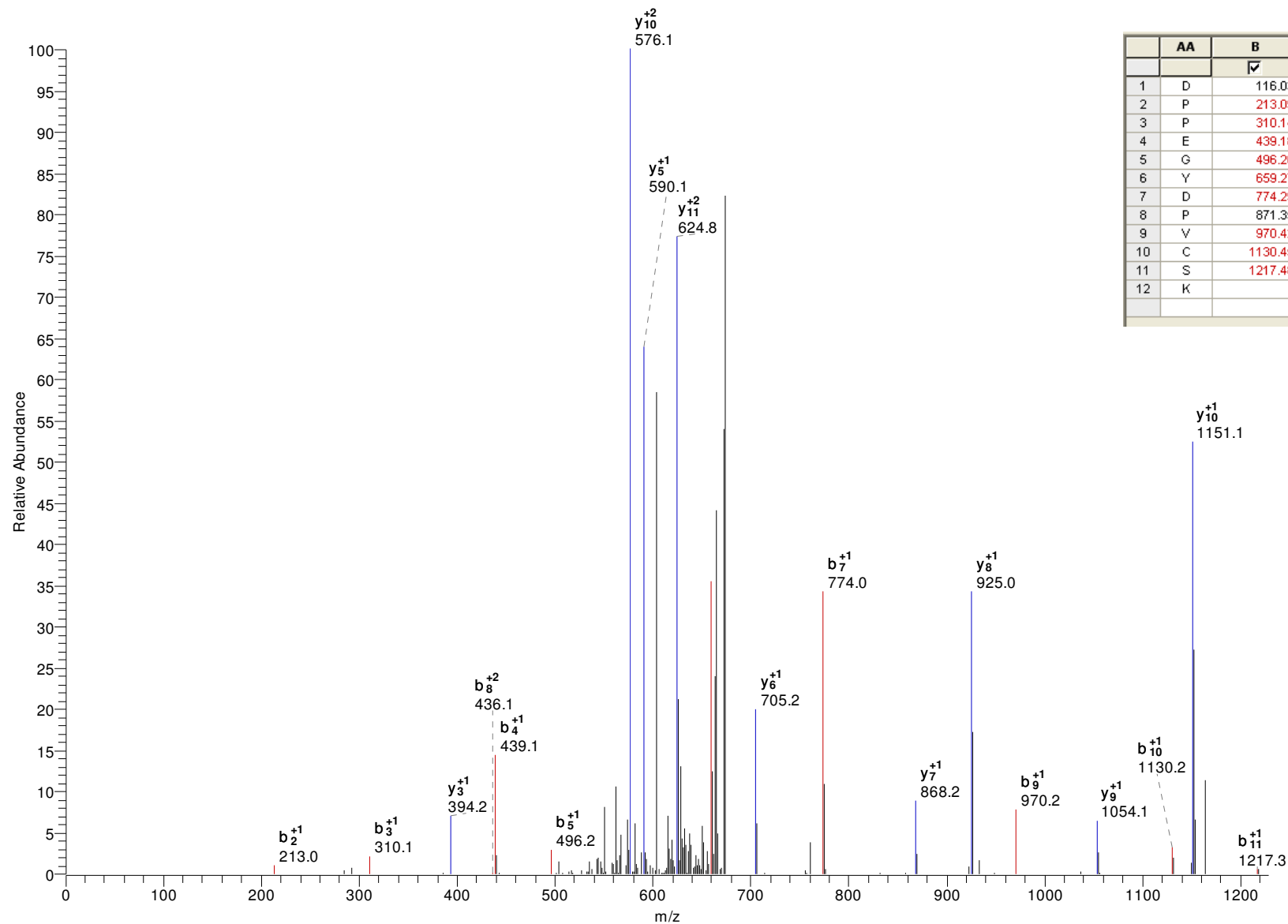
z=2

P(pep)=1.29E-07

Xcorr=3.23

DCn=0.55

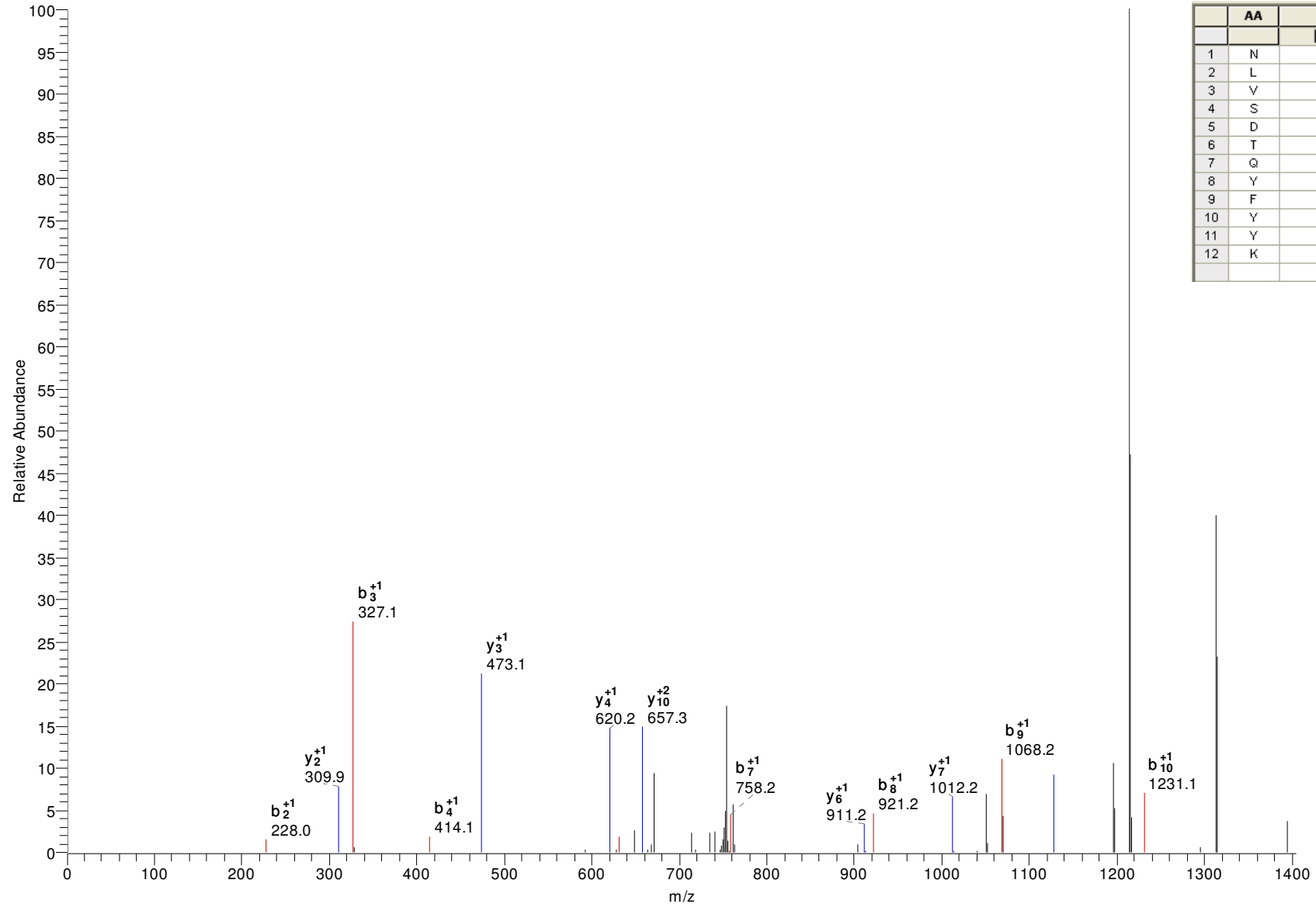
#2561-2561 NL: 1.68E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	D	116.03	-	12
2	P	213.09	1248.56	11
3	P	310.14	1151.50	10
4	E	439.18	1054.45	9
5	G	496.20	925.41	8
6	Y	659.27	868.39	7
7	D	774.29	705.32	6
8	P	871.35	590.30	5
9	V	970.42	493.24	4
10	C	1130.45	394.18	3
11	S	1217.48	234.14	2
12	K	-	147.11	1

gi|70880707|gb|EAN93787.1| hypothetical protein, conserved [Trypanosoma cruzi]
R.NLVSDTQYFYK.F M+H=1540.731812 DeltaM=0.64104 z=2
P(pep)=2.08E-05 Xcorr=3.22 DCn=0.51

#4256-4256 NL: 1.35E2



	AA	B	Y	
		✓	✓	
1	N	115.05	-	12
2	L	228.13	1426.69	11
3	V	327.20	1313.60	10
4	S	414.23	1214.54	9
5	D	529.26	1127.50	8
6	T	630.31	1012.48	7
7	Q	758.37	911.43	6
8	Y	921.43	783.37	5
9	F	1068.50	620.31	4
10	Y	1231.56	473.24	3
11	Y	1394.63	310.18	2
12	K	-	147.11	1

gi|70878534|gb|EAN91782.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.LTVWDQGMTSAAFR.L

M+H=1582.768188

DeltaM=1.00566

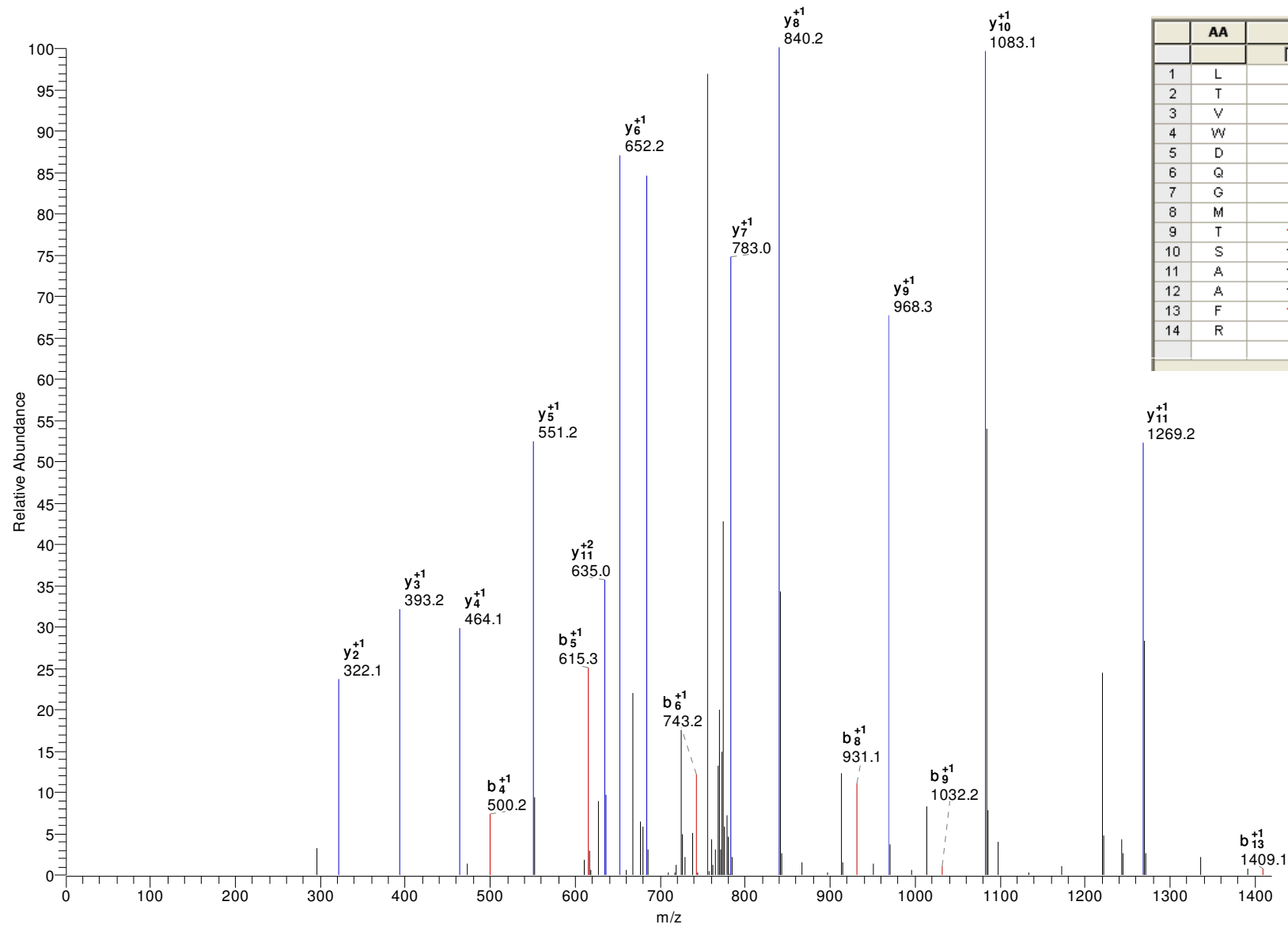
z=2

P(pep)=6.38E-09

Xcorr=3.21

DCn=0.56

#4417-4417 NL: 5.21E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	L	114.09	-	14
2	T	215.14	1469.68	13
3	V	314.21	1368.64	12
4	W	500.29	1269.57	11
5	D	615.31	1083.49	10
6	Q	743.37	968.46	9
7	G	800.39	840.40	8
8	M	931.43	783.38	7
9	T	1032.48	652.34	6
10	S	1119.51	551.29	5
11	A	1190.55	464.26	4
12	A	1261.59	393.22	3
13	F	1408.66	322.19	2
14	R	-	175.12	1

gi|70872519|gb|EAN86484.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.LPLECILEVDALR.G

M+H=1540.840332

DeltaM=1.70842

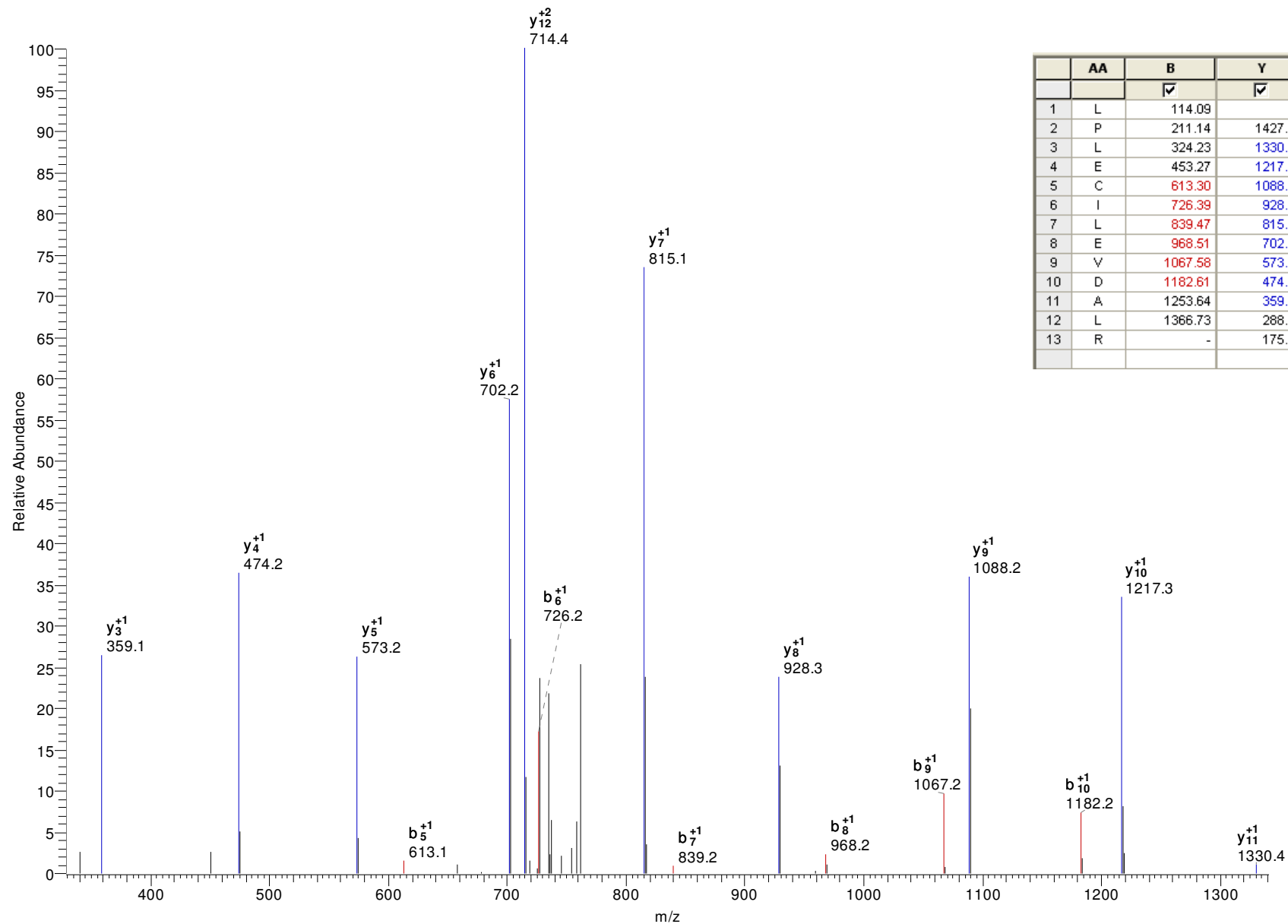
z=2

P(pep)=1.21E-05

Xcorr=3.20

DCn=0.47

#5949-5949 NL: 3.00E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	L	114.09	-	13
2	P	211.14	1427.76	12
3	L	324.23	1330.70	11
4	E	453.27	1217.62	10
5	C	613.30	1088.58	9
6	I	726.39	928.55	8
7	L	839.47	815.46	7
8	E	968.51	702.38	6
9	V	1067.58	573.34	5
10	D	1182.61	474.27	4
11	A	1253.64	359.24	3
12	L	1366.73	288.20	2
13	R	-	175.12	1

gi|42543197|pdb|1OGL|A Chain A, The Crystal Structure Of Native Trypanosoma Cruzi Dutpase

R.NIIQLASIYR.F

M+H=1190.689209

DeltaM=1.98296

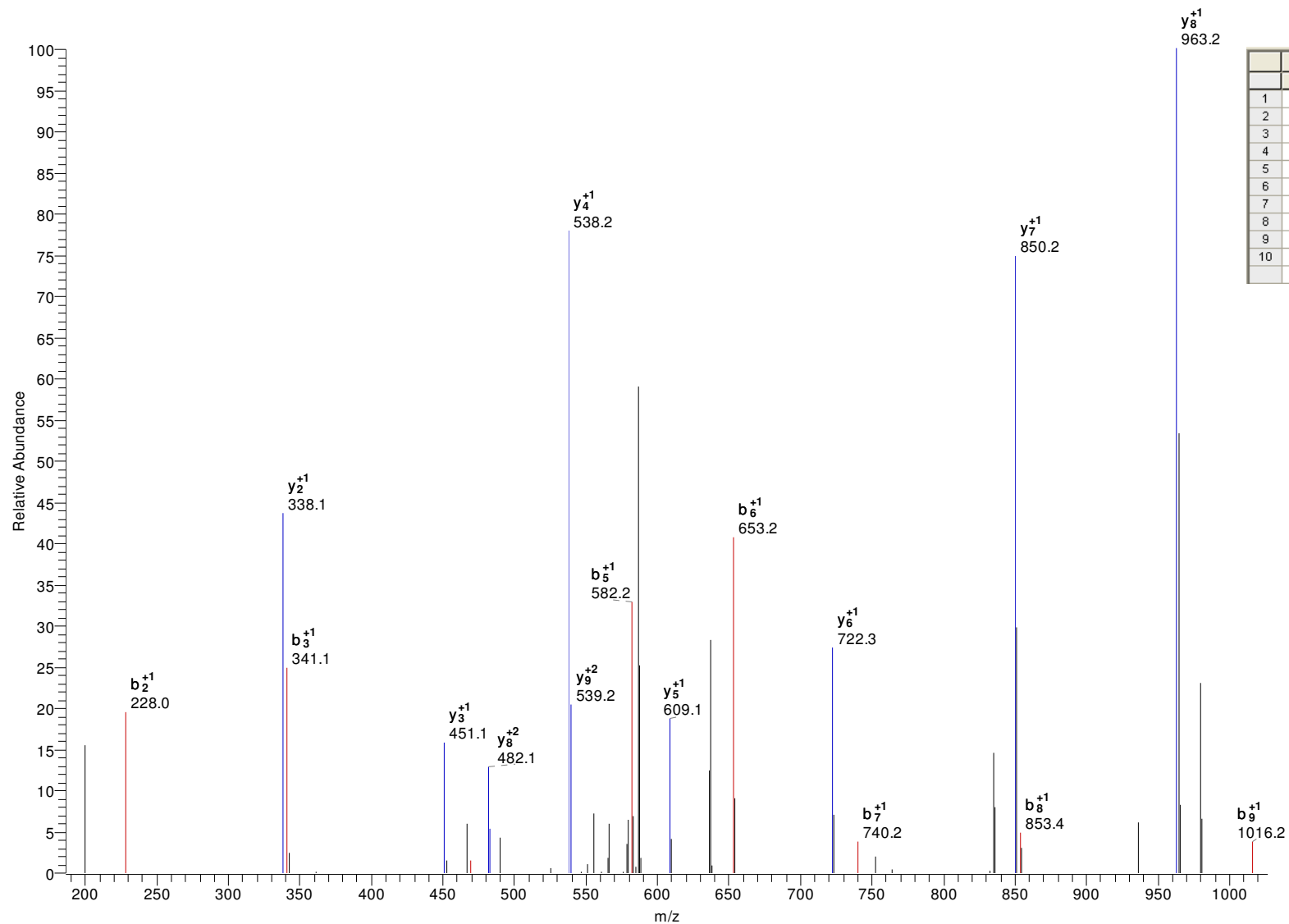
z=2

P(pep)=3.27E-06

Xcorr=3.20

DCn=0.45

#4666-4666 NL: 8.47E1



	AA	B	Y	
1	N	115.05	-	10
2	I	228.13	1076.65	9
3	I	341.22	963.56	8
4	Q	469.28	850.48	7
5	L	582.36	722.42	6
6	A	653.40	609.34	5
7	S	740.43	538.30	4
8	I	853.51	451.27	3
9	Y	1016.58	338.18	2
10	R	-	175.12	1

gi|70869775|gb|EAN84275.1| succinate dehydrogenase, putative [Trypanosoma cruzi]

R.EQFLGPAVLLQSYR.W

M+H=1620.87439

DeltaM=0.78606

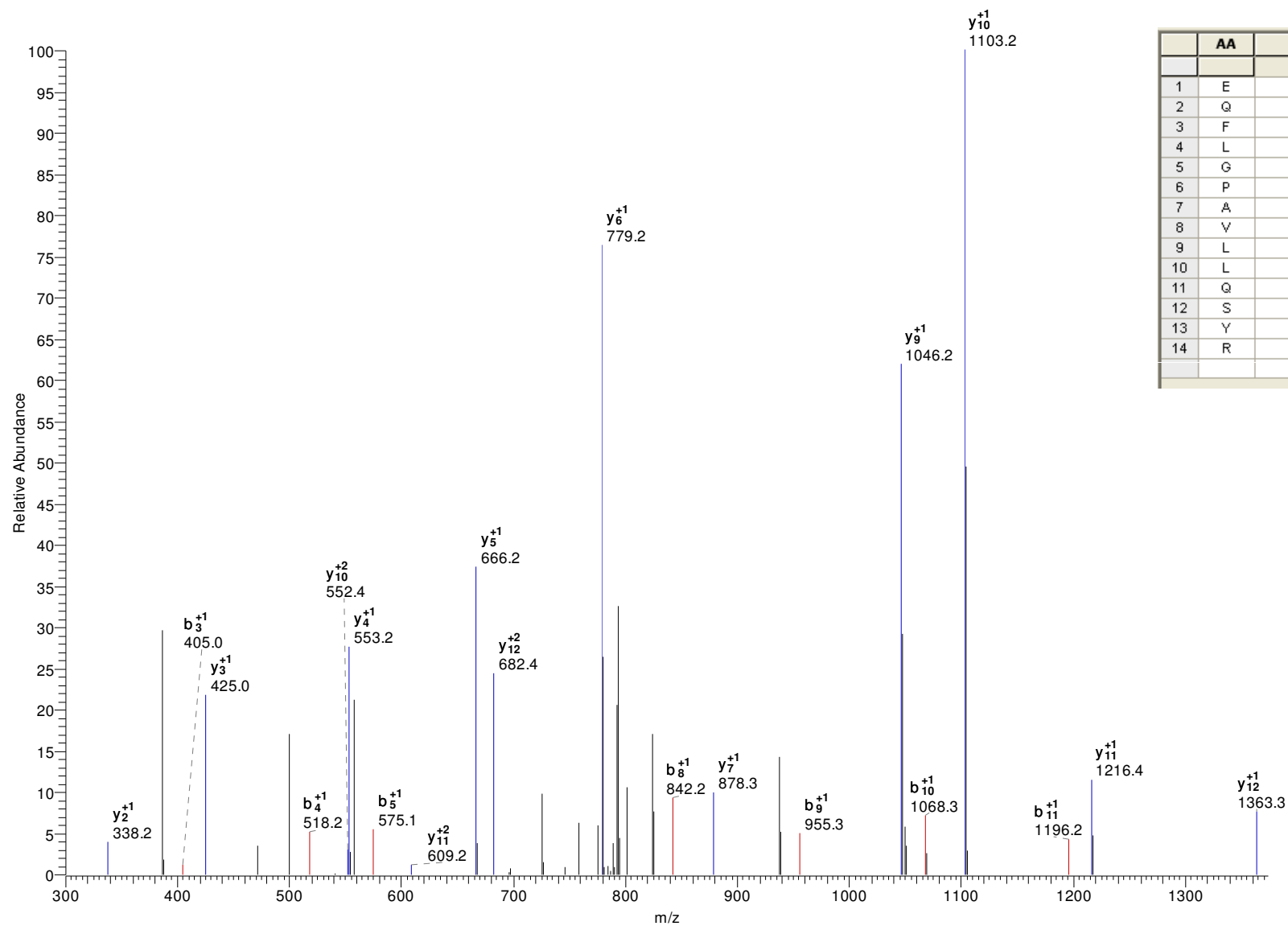
z=2

P(pep)=5.66E-07

Xcorr=3.18

DCn=0.57

#5791-5791 NL: 4.92E1



	AA	B	Y	
1	E	130.05	-	14
2	Q	258.11	1491.83	13
3	F	405.18	1363.77	12
4	L	518.26	1216.70	11
5	G	575.28	1103.62	10
6	P	672.34	1046.60	9
7	A	743.37	949.55	8
8	V	842.44	878.51	7
9	L	955.52	779.44	6
10	L	1068.61	666.36	5
11	Q	1196.67	553.27	4
12	S	1283.70	425.21	3
13	Y	1446.76	338.18	2
14	R	-	175.12	1

gi|15076959|gb|AAK82995.1| lanosterol synthase [Trypanosoma cruzi]

R.IRDAVDEILSLR.N

M+H=1399.790405

DeltaM=1.05876

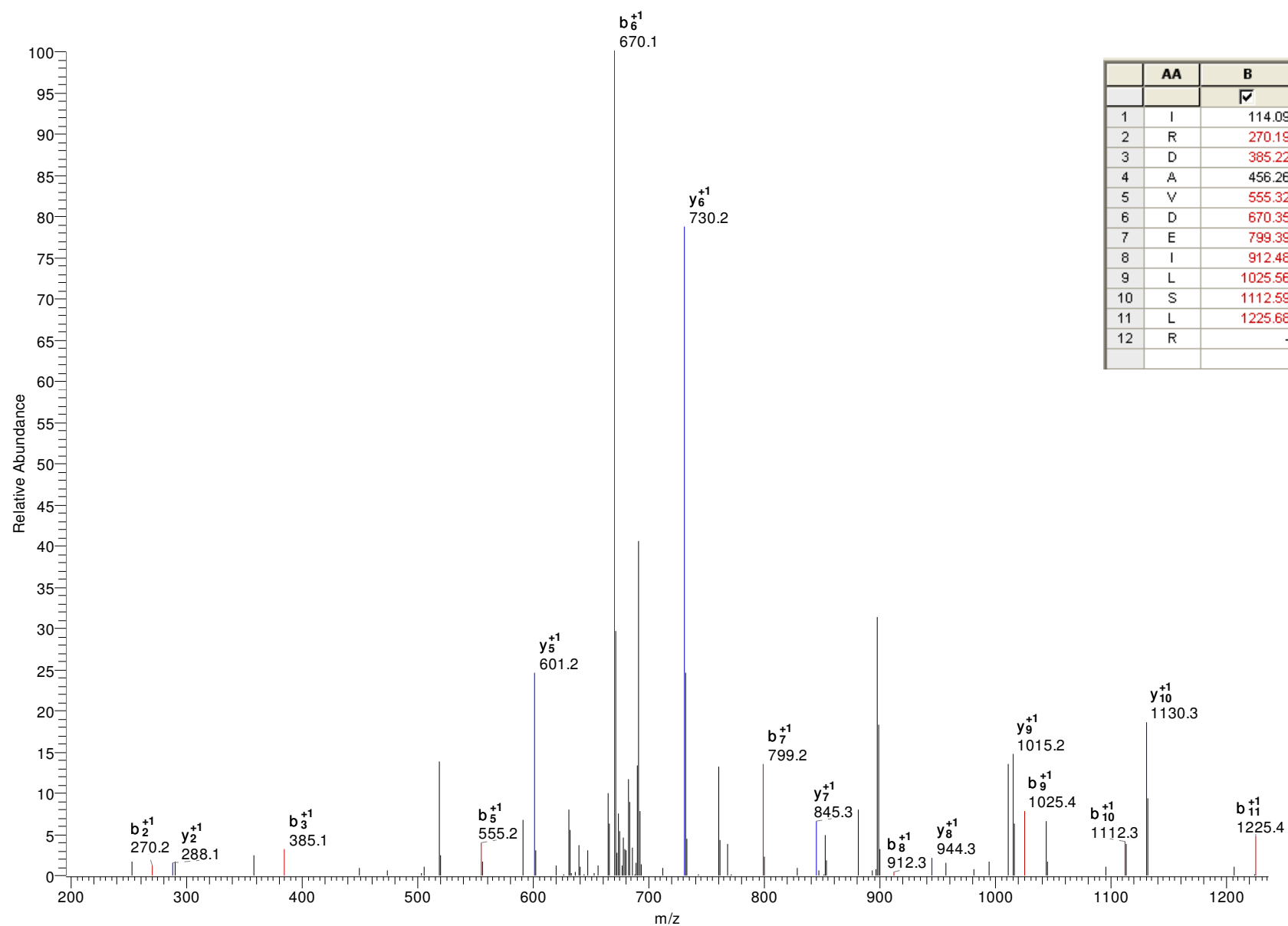
z=2

P(pep)=0.000163921

Xcorr=3.16

DCn=0.38

#5226-5226 NL: 6.92E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	I	114.09	-	12
2	R	270.19	1286.71	11
3	D	385.22	1130.61	10
4	A	456.26	1015.58	9
5	V	555.32	944.54	8
6	D	670.35	845.47	7
7	E	799.39	730.45	6
8	I	912.48	601.40	5
9	L	1025.56	488.32	4
10	S	1112.59	375.24	3
11	L	1225.68	288.20	2
12	R	-	175.12	1

gi|70877159|gb|EAN90533.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.CVAPSSTEVSDFNLT.K.D

M+H=1754.826538

DeltaM=1.20745

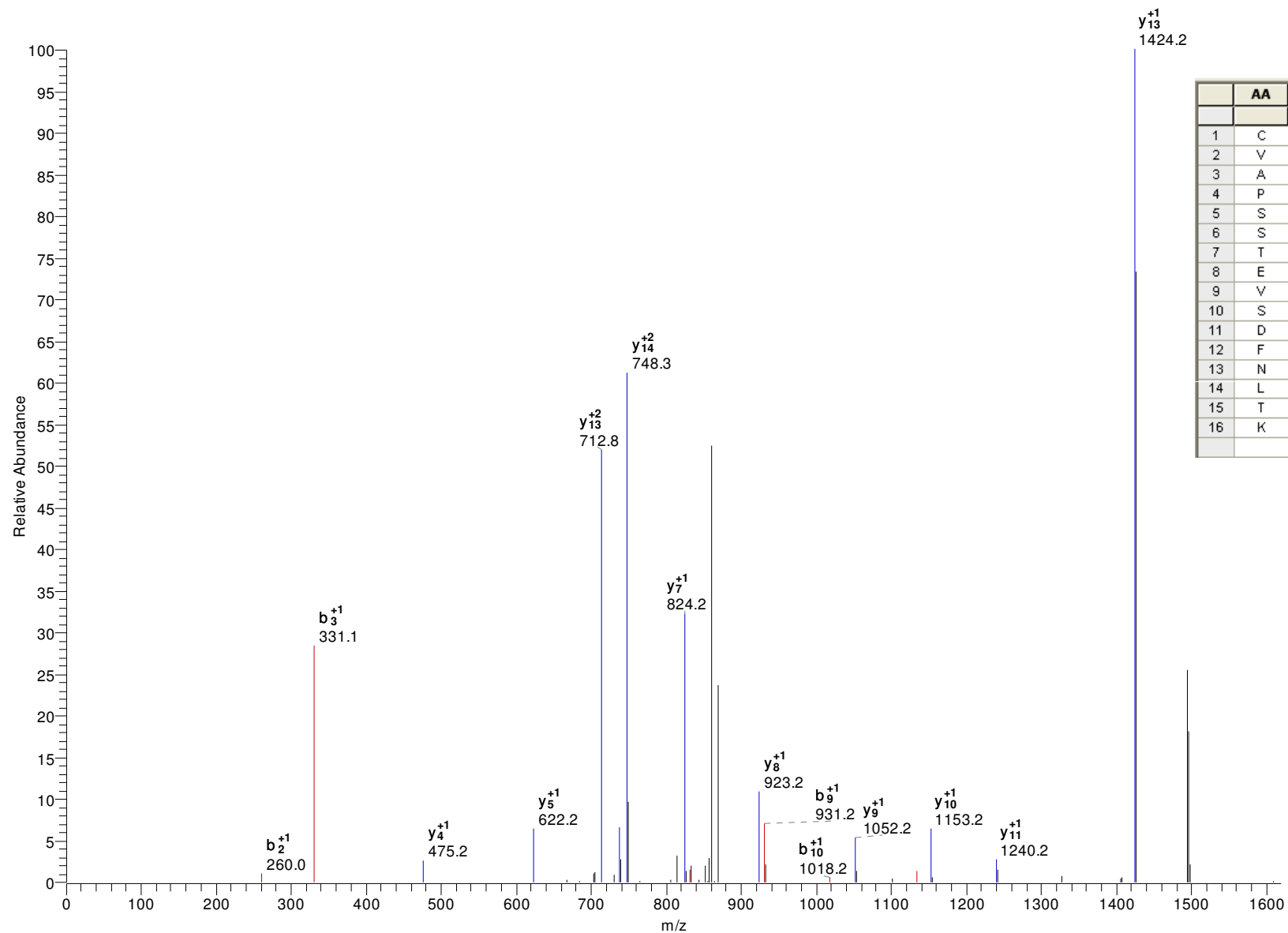
z=2

P(pep)=5.89E-08

Xcorr=3.14

DCn=0.54

#3549-3549 NL: 1.31E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	C	161.04	-	16
2	V	260.11	1594.80	15
3	A	331.14	1495.73	14
4	P	428.20	1424.69	13
5	S	515.23	1327.64	12
6	S	602.26	1240.61	11
7	T	703.31	1153.57	10
8	E	832.35	1052.53	9
9	V	931.42	923.48	8
10	S	1018.45	824.41	7
11	D	1133.48	737.38	6
12	F	1280.55	622.36	5
13	N	1394.59	475.29	4
14	L	1507.67	361.24	3
15	T	1608.72	248.16	2
16	K	-	147.11	1

gi|70865058|gb|EAN81396.1| hypothetical protein, conserved [Trypanosoma cruzi]

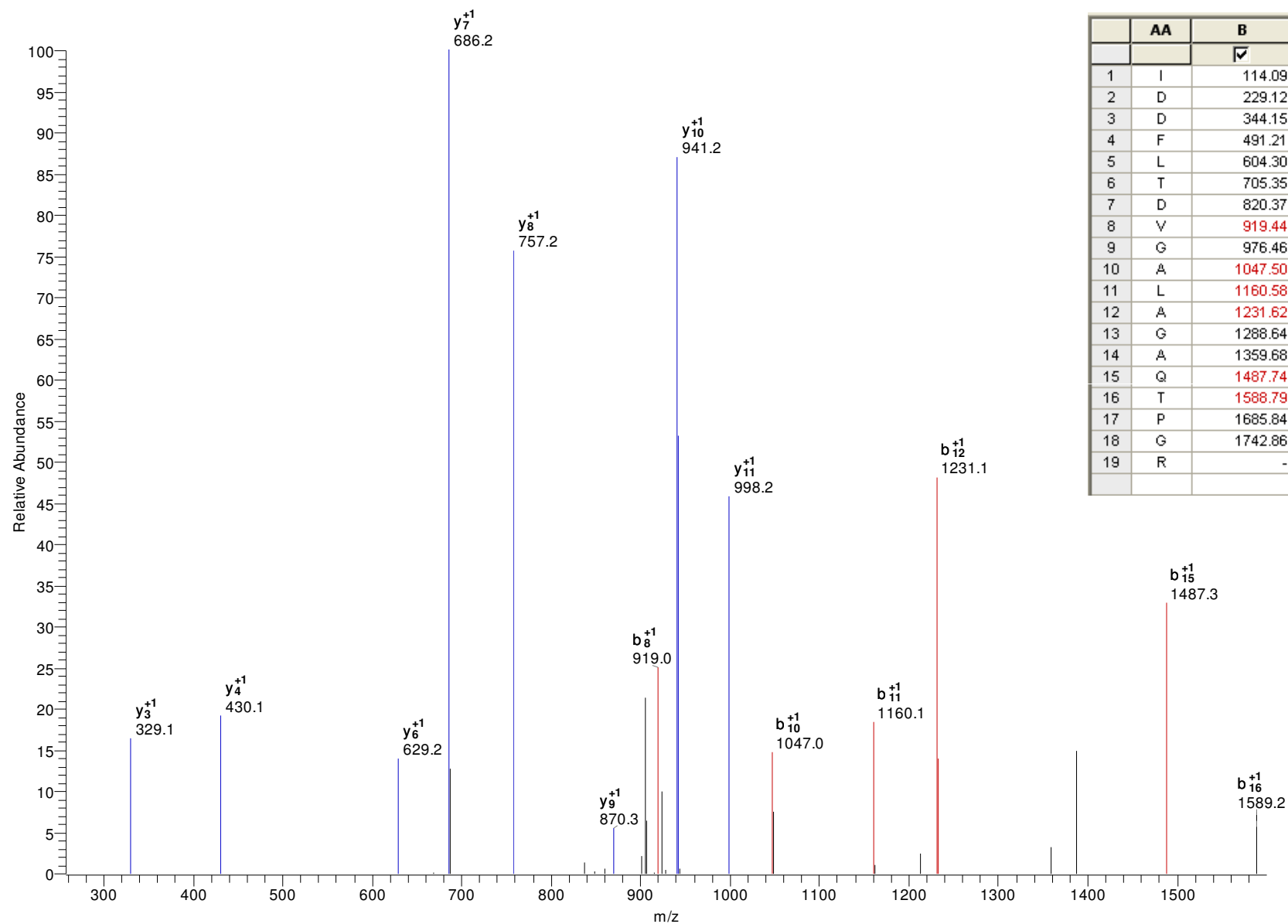
R.IDDFLTVDVGALAGAQTTPGR.Y M+H=1916.971191 DeltaM=1.12529 z=2

P(pep)=2.47E-05

Xcorr=3.13

DCn=0.53

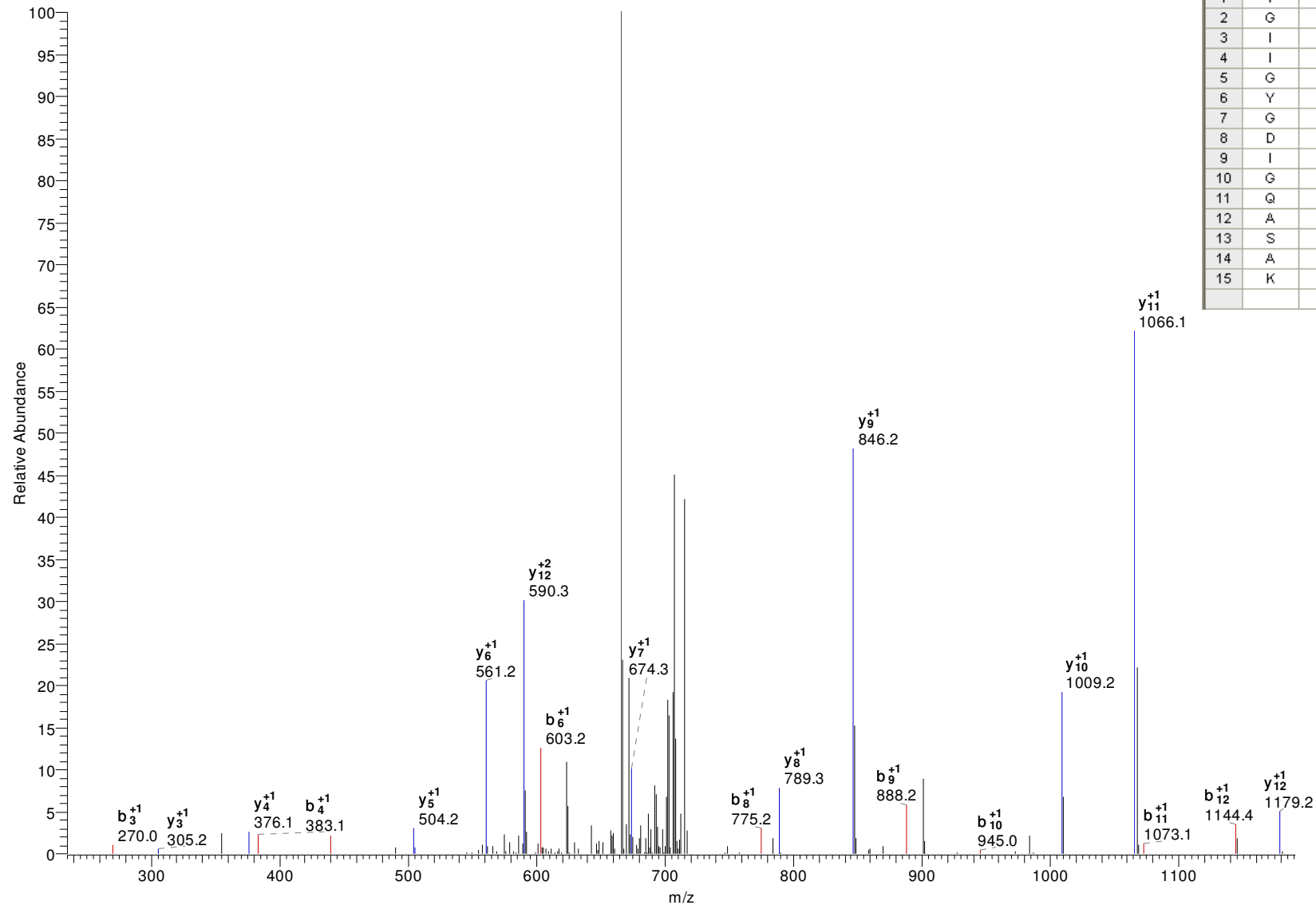
#5486-5486 NL: 1.91E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	I	114.09	-	19
2	D	229.12	1803.89	18
3	D	344.15	1688.86	17
4	F	491.21	1573.83	16
5	L	604.30	1426.76	15
6	T	705.35	1313.68	14
7	D	820.37	1212.63	13
8	V	919.44	1097.61	12
9	G	976.46	998.54	11
10	A	1047.50	941.52	10
11	L	1160.58	870.48	9
12	A	1231.62	757.40	8
13	G	1288.64	686.36	7
14	A	1359.68	629.34	6
15	Q	1487.74	558.30	5
16	T	1588.79	430.24	4
17	P	1685.84	329.19	3
18	G	1742.86	232.14	2
19	R	-	175.12	1

gi|70876009|gb|EAN89502.1| D-isomer specific 2-hydroxyacid dehydrogenase-protein, putative [Trypanosoma cruzi]
 K.VGIIGYGDIGQASAK.L M+H=1448.774414 DeltaM=0.63164 z=2
 P(pep)=1.97E-06 Xcorr=3.12 DCn=0.42

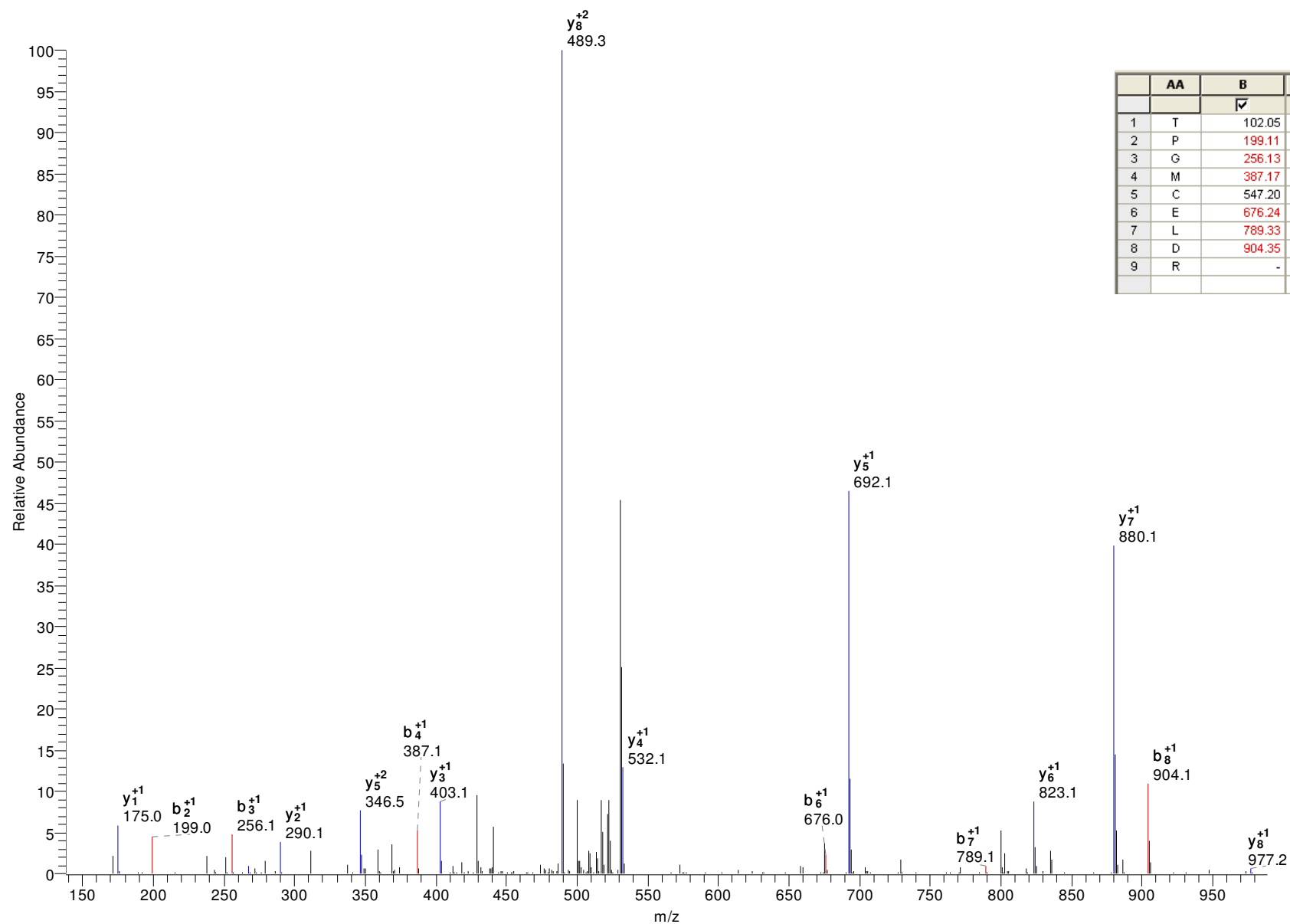
#3840-3840 NL: 1.23E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	V	100.08	-	15
2	G	157.10	1349.71	14
3	I	270.18	1292.68	13
4	I	383.27	1179.60	12
5	G	440.29	1066.52	11
6	Y	603.35	1009.49	10
7	G	660.37	846.43	9
8	D	775.40	789.41	8
9	I	888.48	674.38	7
10	G	945.50	561.30	6
11	Q	1073.56	504.28	5
12	A	1144.60	376.22	4
13	S	1231.63	305.18	3
14	A	1302.67	218.15	2
15	K	-	147.11	1

gi|70866533|gb|EAN82034.1| surface glycoprotein, putative [Trypanosoma cruzi]
 R.TPGMCELD.R.T M+H=1078.465576 DeltaM=1.80766 z=2
 P(pep)=1.90E-05 Xcorr=3.11 DCn=0.40

#2360-2360 NL: 6.13E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	T	102.05	-	9
2	P	199.11	977.42	8
3	G	256.13	880.37	7
4	M	387.17	823.34	6
5	C	547.20	692.30	5
6	E	676.24	532.27	4
7	L	789.33	403.23	3
8	D	904.35	290.15	2
9	R	-	175.12	1

gi|70885011|gb|EAN97847.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.AVVDSEETPGYIR.E

M+H=1695.822388

DeltaM=0.63274

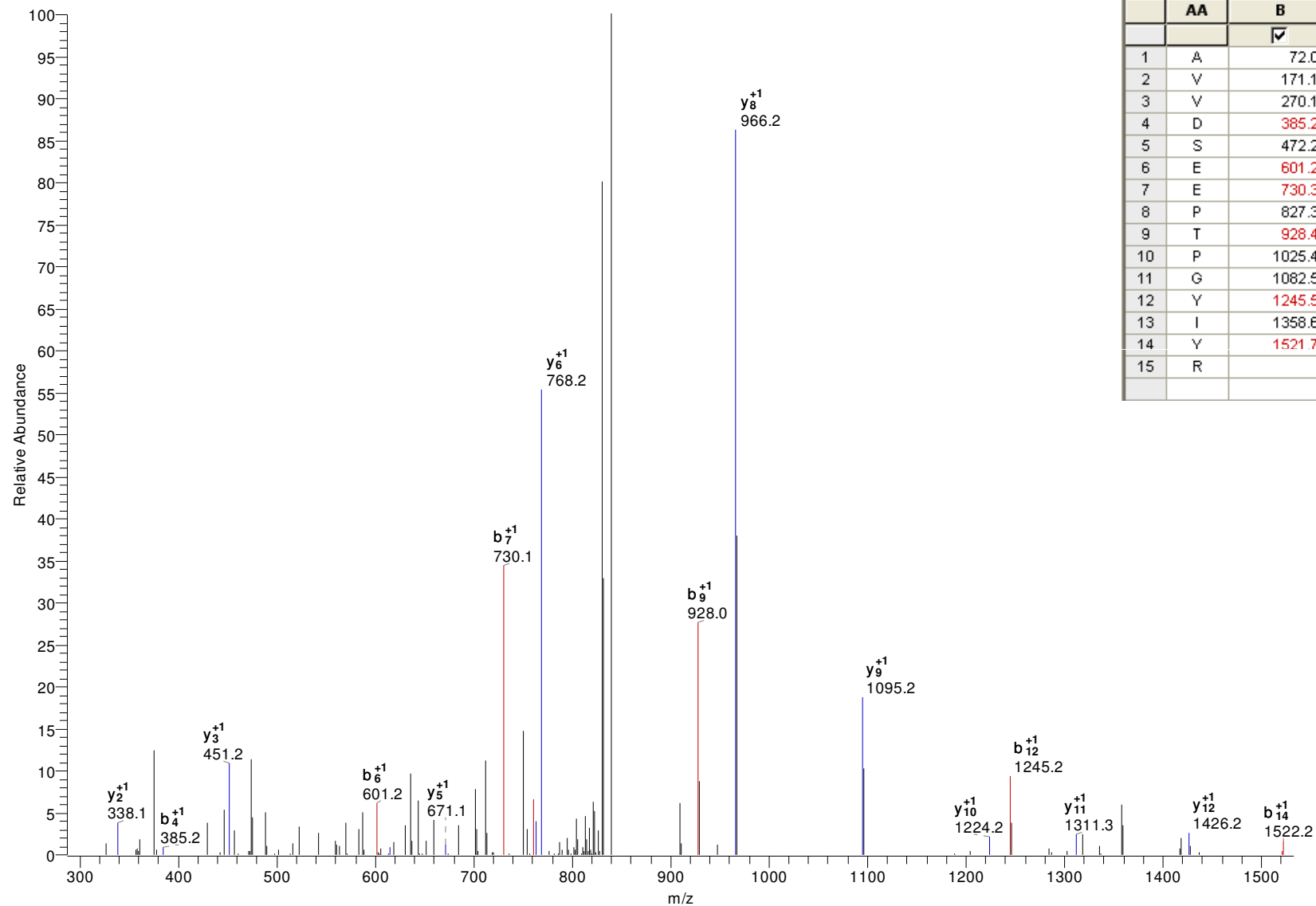
z=2

P(pep)=0.000100413

Xcorr=3.08

DCn=0.41

#3333-3333 NL: 2.46E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	A	72.04	-	15
2	V	171.11	1624.79	14
3	V	270.18	1525.72	13
4	D	385.21	1426.65	12
5	S	472.24	1311.62	11
6	E	601.28	1224.59	10
7	E	730.33	1095.55	9
8	P	827.38	966.50	8
9	T	928.43	869.45	7
10	P	1025.48	768.40	6
11	G	1082.50	671.35	5
12	Y	1245.56	614.33	4
13	I	1358.65	451.27	3
14	Y	1521.71	338.18	2
15	R	-	175.12	1

gi|70867597|gb|EAN82710.1| glutamamyl carboxypeptidase, putative [Trypanosoma cruzi]

R.DETPSFEGSEEAPITK.L

M+H=1736.786133

DeltaM=1.65288

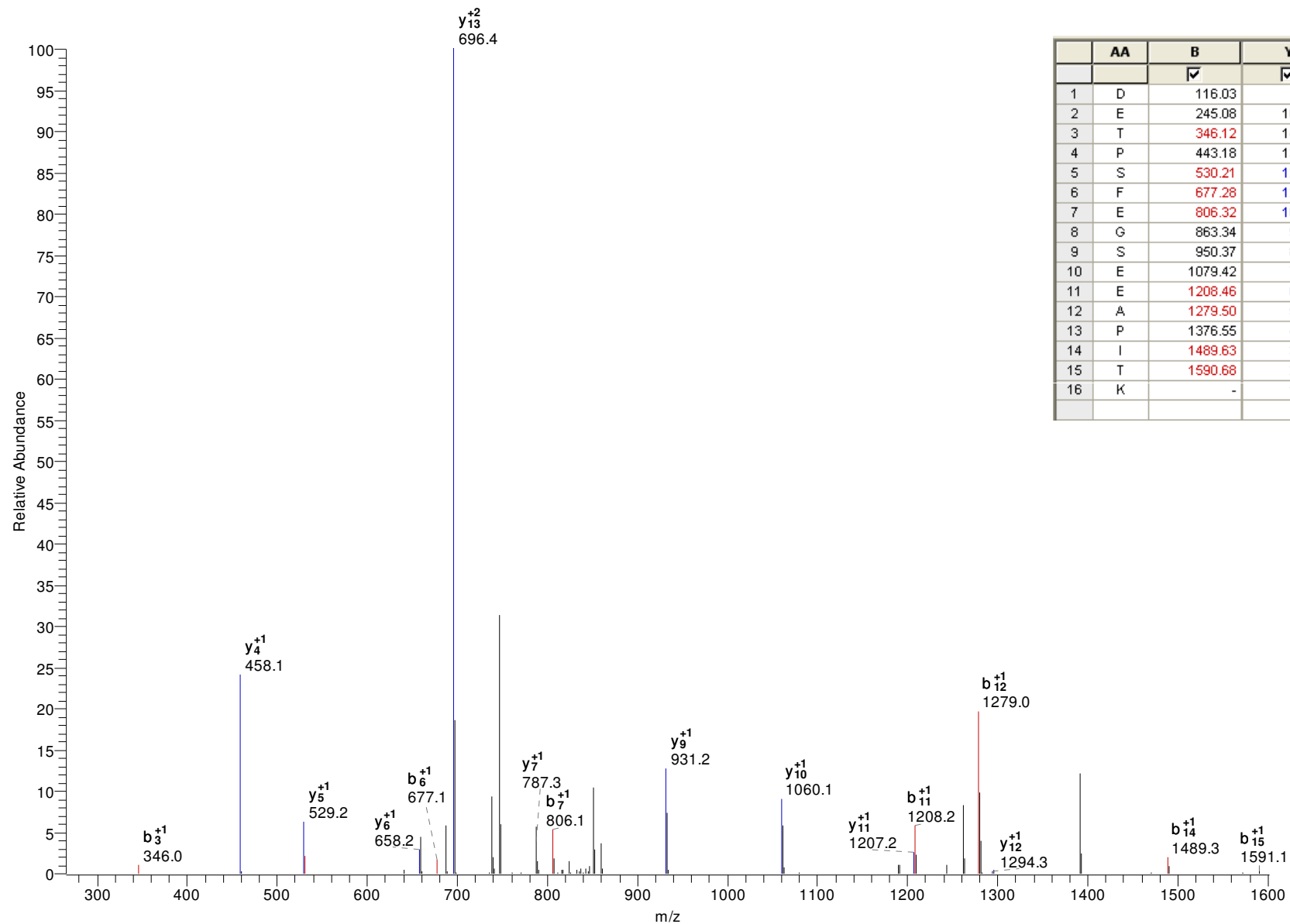
z=2

P(pep)=8.63E-08

Xcorr=3.08

DCn=0.43

#2855-2855 NL: 4.61E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	D	116.03	-	16
2	E	245.08	1621.76	15
3	T	346.12	1492.72	14
4	P	443.18	1391.67	13
5	S	530.21	1294.62	12
6	F	677.28	1207.58	11
7	E	806.32	1060.52	10
8	G	863.34	931.47	9
9	S	950.37	874.45	8
10	E	1079.42	787.42	7
11	E	1208.46	658.38	6
12	A	1279.50	529.33	5
13	P	1376.55	458.30	4
14	I	1489.63	361.24	3
15	T	1590.68	248.16	2
16	K	-	147.11	1

gi|70874988|gb|EAN88605.1| acetylornithine deacetylase-like, putative [Trypanosoma cruzi]

K.WSDPFTLTER.D

M+H=1366.627319

DeltaM=1.16545

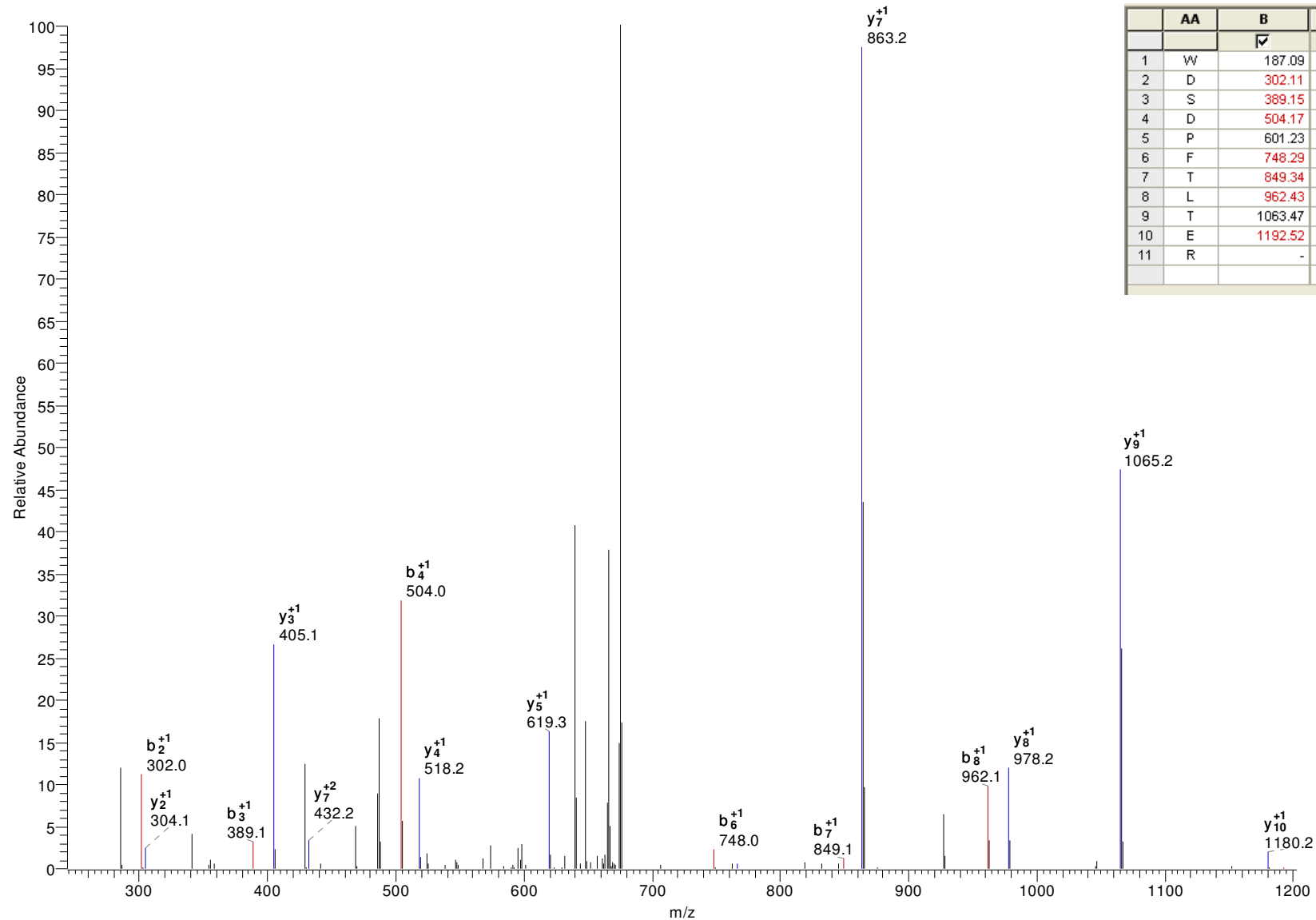
z=2

P(pep)=1.93E-05

Xcorr=3.06

DCn=0.49

#4423-4423 NL: 1.78E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	W	187.09	-	11
2	D	302.11	1180.55	10
3	S	389.15	1065.52	9
4	D	504.17	978.49	8
5	P	601.23	863.46	7
6	F	748.29	766.41	6
7	T	849.34	619.34	5
8	L	962.43	518.29	4
9	T	1063.47	405.21	3
10	E	1192.52	304.16	2
11	R	-	175.12	1

gi|70885175|gb|EAN98004.1| procyclic form surface glycoprotein, putative [Trypanosoma cruzi]

R.LNCQCNELLNSFMNQCVASGGK.F

M+H=2544.109863

DeltaM=1.83799

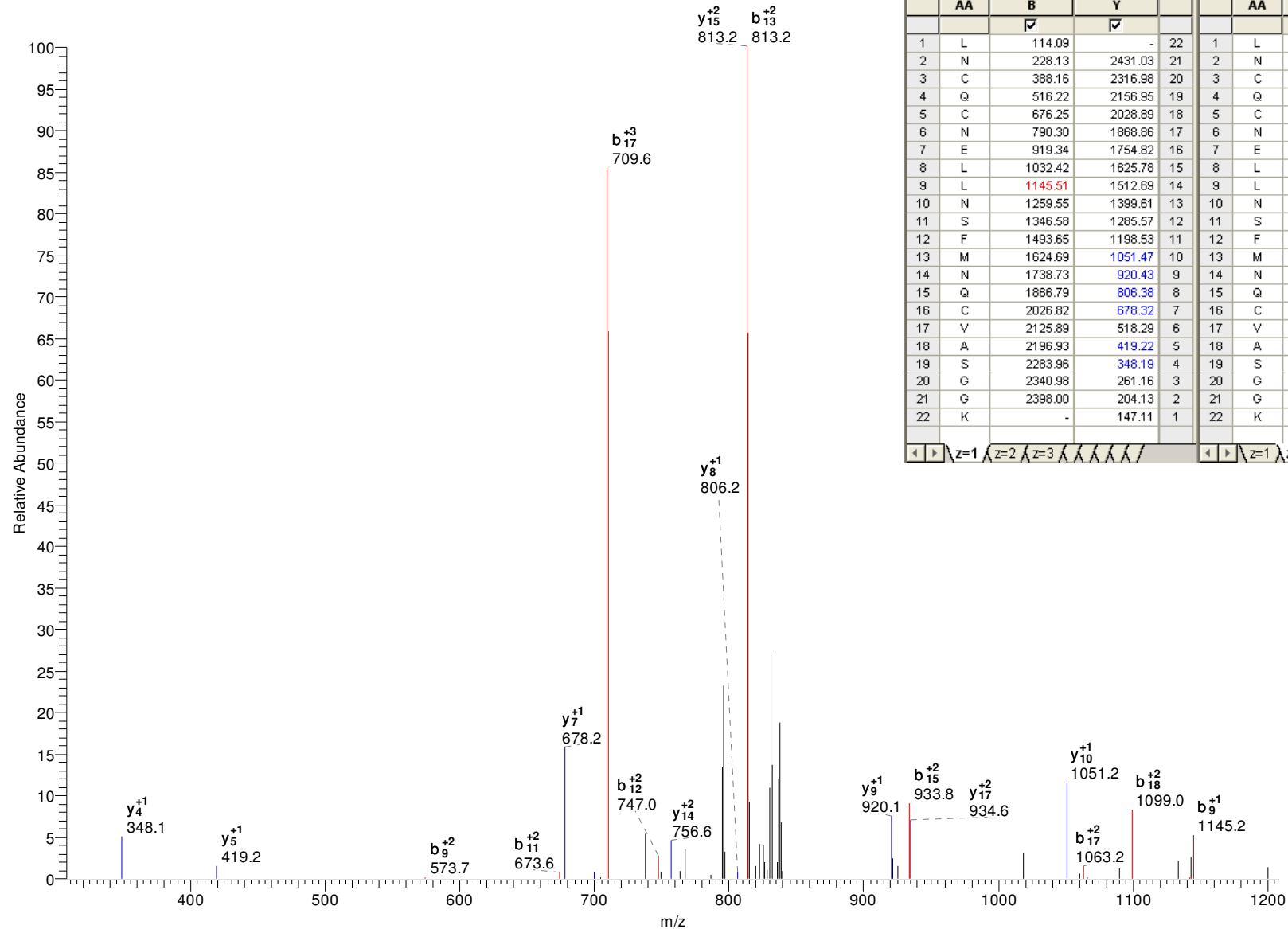
z=3

P(pep)=7.63E-05

Xcorr=3.06

DCn=0.53

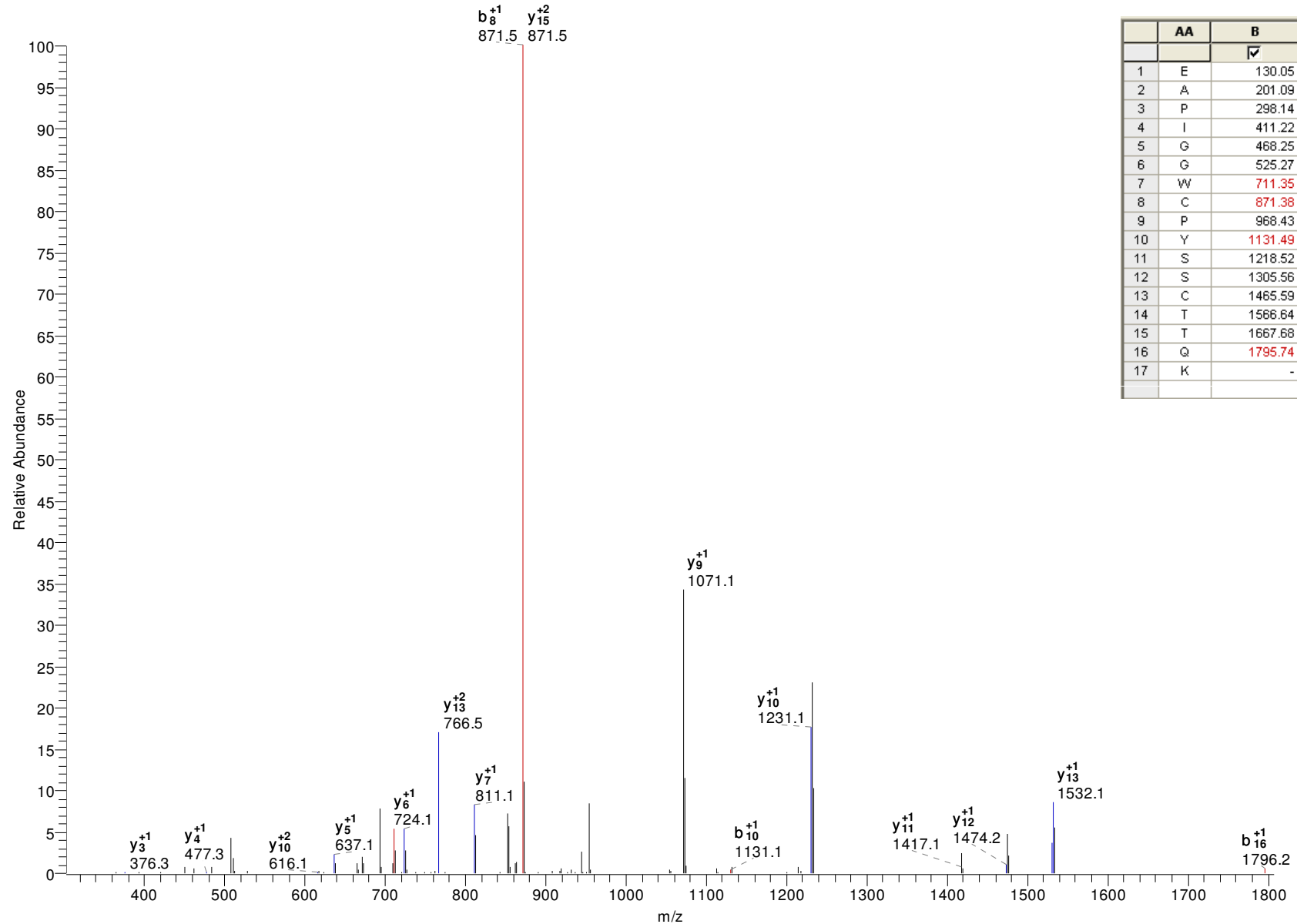
#4586-4586 NL: 4.25E1



	AA	B	Y			AA	B	Y	
		✓	✓				✓	✓	
1	L	114.09	-	22	1	L	57.55	-	22
2	N	228.13	2431.03	21	2	N	114.57	1216.02	21
3	C	388.16	2316.98	20	3	C	194.59	1159.00	20
4	Q	516.22	2156.95	19	4	Q	258.62	1078.98	19
5	C	676.25	2028.89	18	5	C	338.63	1014.95	18
6	N	790.30	1868.86	17	6	N	395.65	934.94	17
7	E	919.34	1754.82	16	7	E	460.17	877.91	16
8	L	1032.42	1625.78	15	8	L	516.72	813.39	15
9	L	1145.51	1512.69	14	9	L	573.26	756.85	14
10	N	1259.55	1399.61	13	10	N	630.28	700.31	13
11	S	1346.58	1285.57	12	11	S	673.80	643.29	12
12	F	1493.65	1198.53	11	12	F	747.33	599.77	11
13	M	1624.69	1051.47	10	13	M	812.85	526.24	10
14	N	1738.73	920.43	9	14	N	869.87	460.72	9
15	Q	1866.79	806.38	8	15	Q	933.90	403.69	8
16	C	2026.82	678.32	7	16	C	1013.92	339.67	7
17	V	2125.89	518.29	6	17	V	1063.45	259.65	6
18	A	2196.93	419.22	5	18	A	1098.97	210.12	5
19	S	2283.96	348.19	4	19	S	1142.48	174.60	4
20	G	2340.98	261.16	3	20	G	1171.00	131.08	3
21	G	2398.00	204.13	2	21	G	1199.51	102.57	2
22	K	-	147.11	1	22	K	-	74.06	1

gi|70882340|gb|EAN95315.1| hypothetical protein, conserved [Trypanosoma cruzi]
K.EAPIGGWCPYSSCTTQK.C M+H=1941.847046 DeltaM=1.95818 z=2
P(pep)=2.66E-07 Xcorr=3.05 DCn=0.48

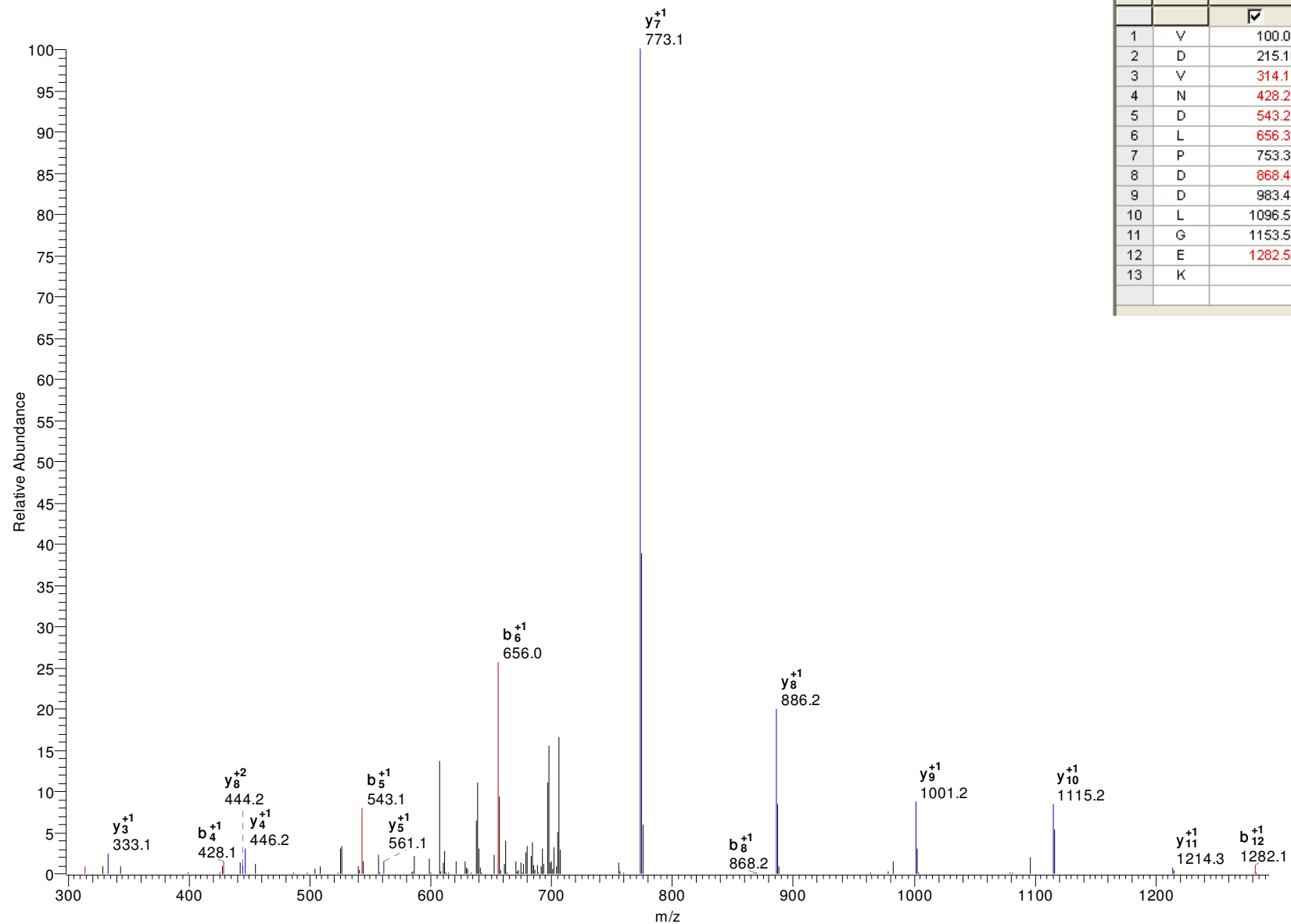
#3565-3565 NL: 5.75E2



	AA	B	Y	
		✓	✓	
1	E	130.05	-	17
2	A	201.09	1812.80	16
3	P	298.14	1741.77	15
4	I	411.22	1644.71	14
5	G	468.25	1531.63	13
6	G	525.27	1474.61	12
7	W	711.35	1417.59	11
8	C	871.38	1231.51	10
9	P	968.43	1071.48	9
10	Y	1131.49	974.42	8
11	S	1218.52	811.36	7
12	S	1305.56	724.33	6
13	C	1465.59	637.30	5
14	T	1566.64	477.27	4
15	T	1667.68	376.22	3
16	Q	1795.74	275.17	2
17	K	-	147.11	1

gi|19401140|gb|AAL87542.1|AF254412_2 proton motive P-type ATPase 2 [Trypanosoma cruzi]
 -.VDVNDLPDDLGEK.- M+H=1428.685303 DeltaM=1.10576 z=2
 P(pep)=1.79E-05 Xcorr=3.05 DCn=0.42

#3478-3478 NL:2.14E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	V	100.08	-	13
2	D	215.10	1329.62	12
3	V	314.17	1214.59	11
4	N	428.21	1115.52	10
5	D	543.24	1001.48	9
6	L	656.32	886.45	8
7	P	753.38	773.37	7
8	D	868.40	676.31	6
9	D	983.43	561.29	5
10	L	1096.52	446.26	4
11	G	1153.54	333.18	3
12	E	1282.58	276.16	2
13	K	-	147.11	1

gi|70876223|gb|EAN89698.1| heat shock 70 kDa protein, putative [Trypanosoma cruzi]

K.TFFPEEISAMVLSK.M

M+H=1598.813477

DeltaM=0.83977

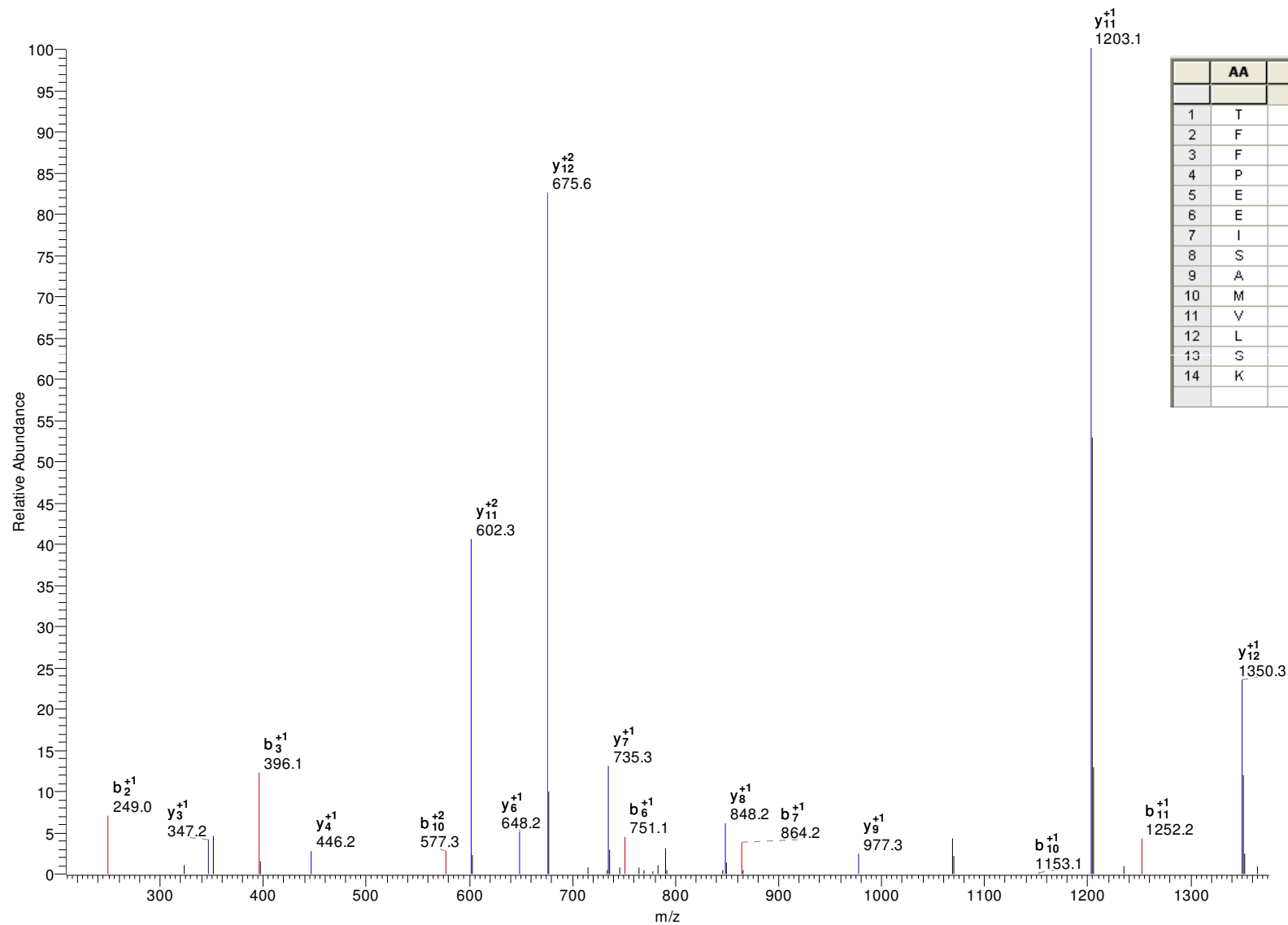
z=2

P(pep)=0.000138669

Xcorr=2.94

DCn=0.52

#6111-6111 NL: 1.31E2



	AA	B	Y	
		✓	✓	
1	T	102.05	-	14
2	F	249.12	1497.77	13
3	F	396.19	1350.70	12
4	P	493.24	1203.63	11
5	E	622.29	1106.58	10
6	E	751.33	977.53	9
7	I	864.41	848.49	8
8	S	951.45	735.41	7
9	A	1022.48	648.37	6
10	M	1153.52	577.34	5
11	V	1252.59	446.30	4
12	L	1365.68	347.23	3
13	S	1452.71	234.14	2
14	K	-	147.11	1

gi|70869771|gb|EAN84271.1| glutamate dehydrogenase, putative [Trypanosoma cruzi]

R.ANILASDVFK.N

M+H=1077.593872

DeltaM=1.79509

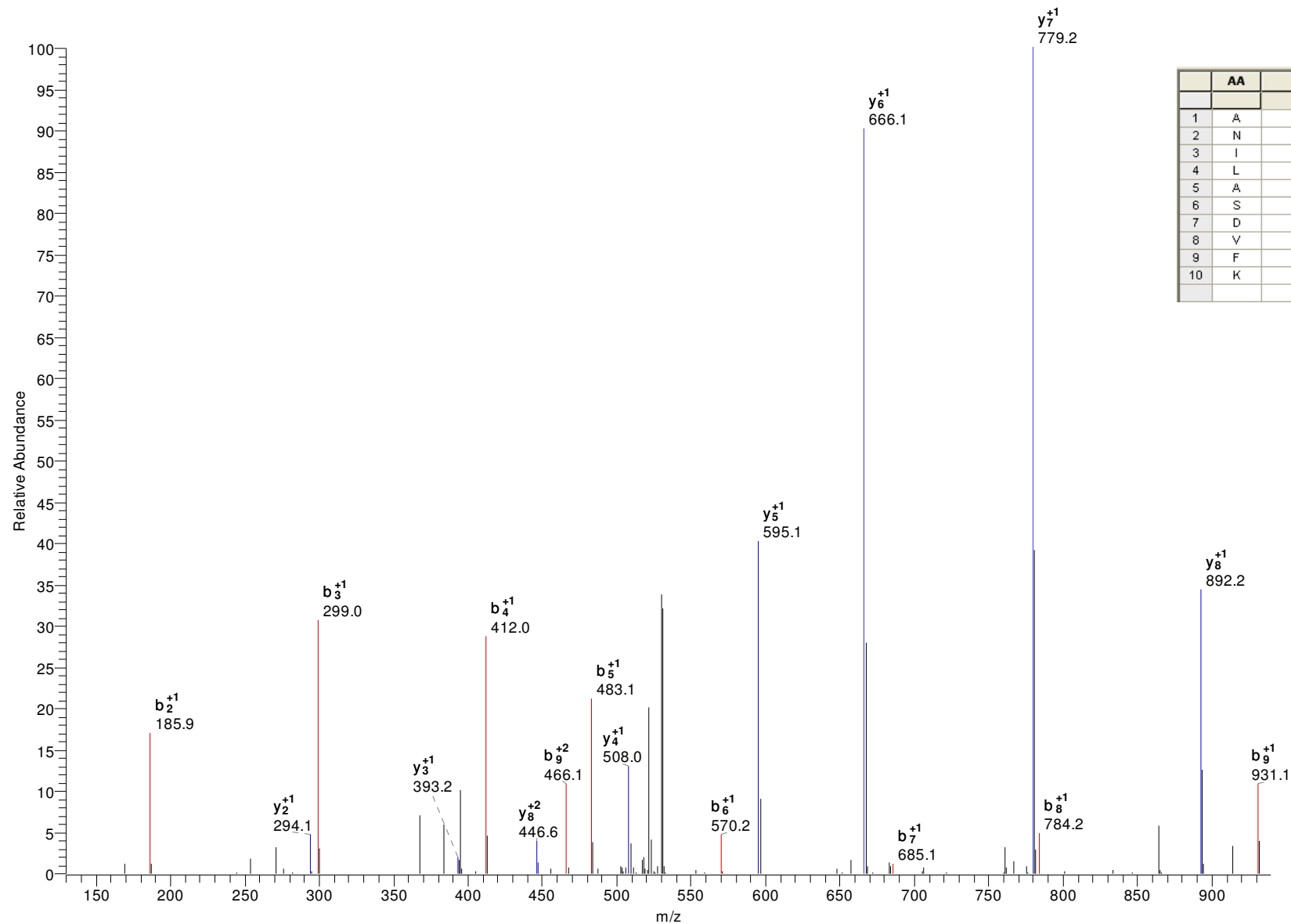
z=2

P(pep)=0.000111701

Xcorr=2.94

DCn=0.38

#4010-4010 NL: 3.11E2



	AA	B	Y	
		✓	✓	
1	A	72.04	-	10
2	N	186.09	1006.56	9
3	I	299.17	892.51	8
4	L	412.26	779.43	7
5	A	483.29	666.35	6
6	S	570.32	595.31	5
7	D	685.35	508.28	4
8	V	784.42	393.25	3
9	F	931.49	294.18	2
10	K	-	147.11	1

gi|70885675|gb|EAN98484.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.DFQTIAAASSSLPIFWER.T

M+H=2039.023315

DeltaM=1.90032

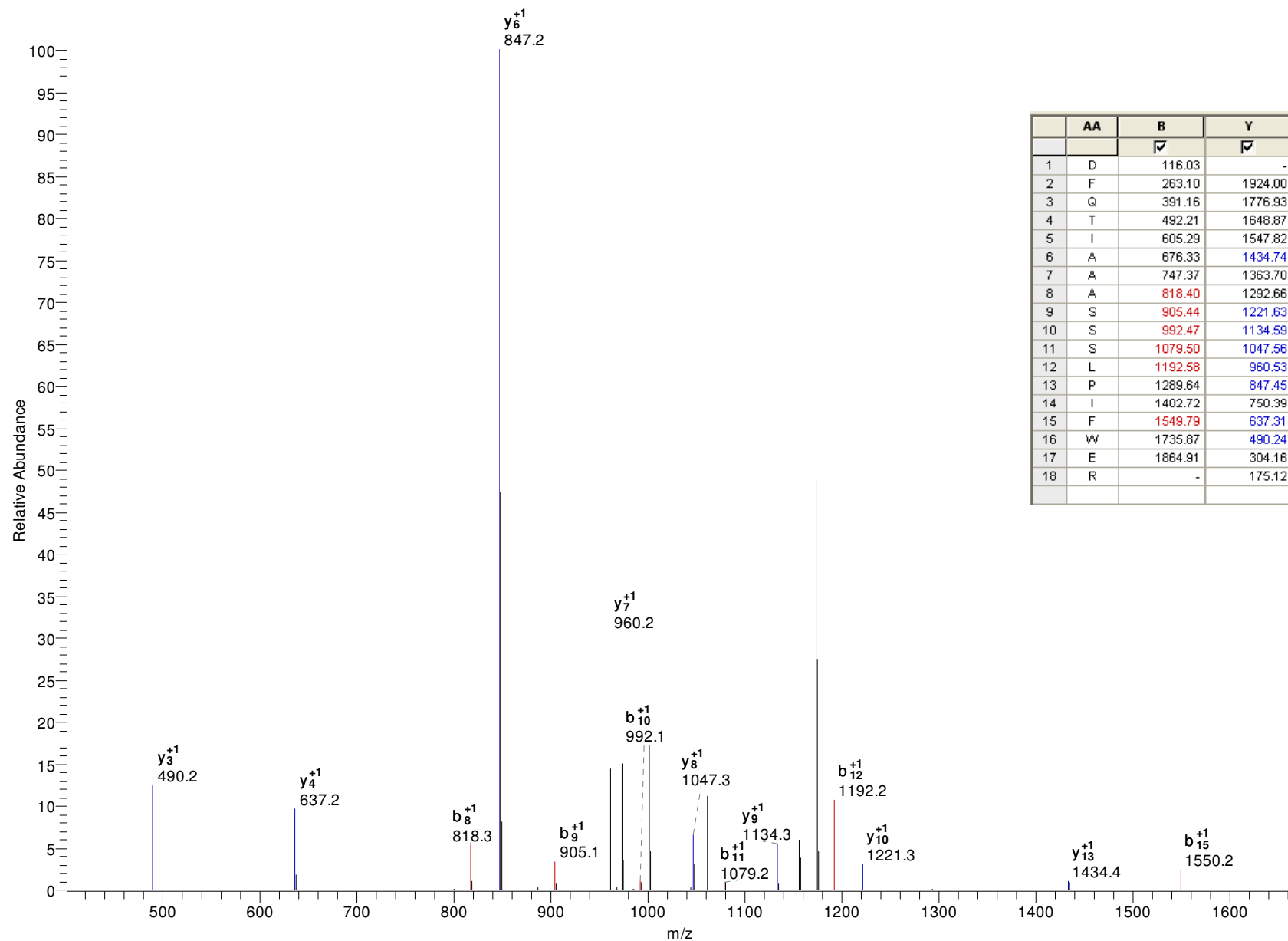
z=2

P(pep)=0.000810671

Xcorr=2.91

DCn=0.50

#6425-6425 NL: 1.20E2



	AA	B	Y	
		✓	✓	
1	D	116.03	-	18
2	F	263.10	1924.00	17
3	Q	391.16	1776.93	16
4	T	492.21	1648.87	15
5	I	605.29	1547.82	14
6	A	676.33	1434.74	13
7	A	747.37	1363.70	12
8	A	818.40	1292.66	11
9	S	905.44	1221.63	10
10	S	992.47	1134.59	9
11	S	1079.50	1047.56	8
12	L	1192.58	960.53	7
13	P	1289.64	847.45	6
14	I	1402.72	750.39	5
15	F	1549.79	637.31	4
16	W	1735.87	490.24	3
17	E	1864.91	304.16	2
18	R	-	175.12	1

gi|70878249|gb|EAN91522.1| folate/pteridine transporter, putative [Trypanosoma cruzi]

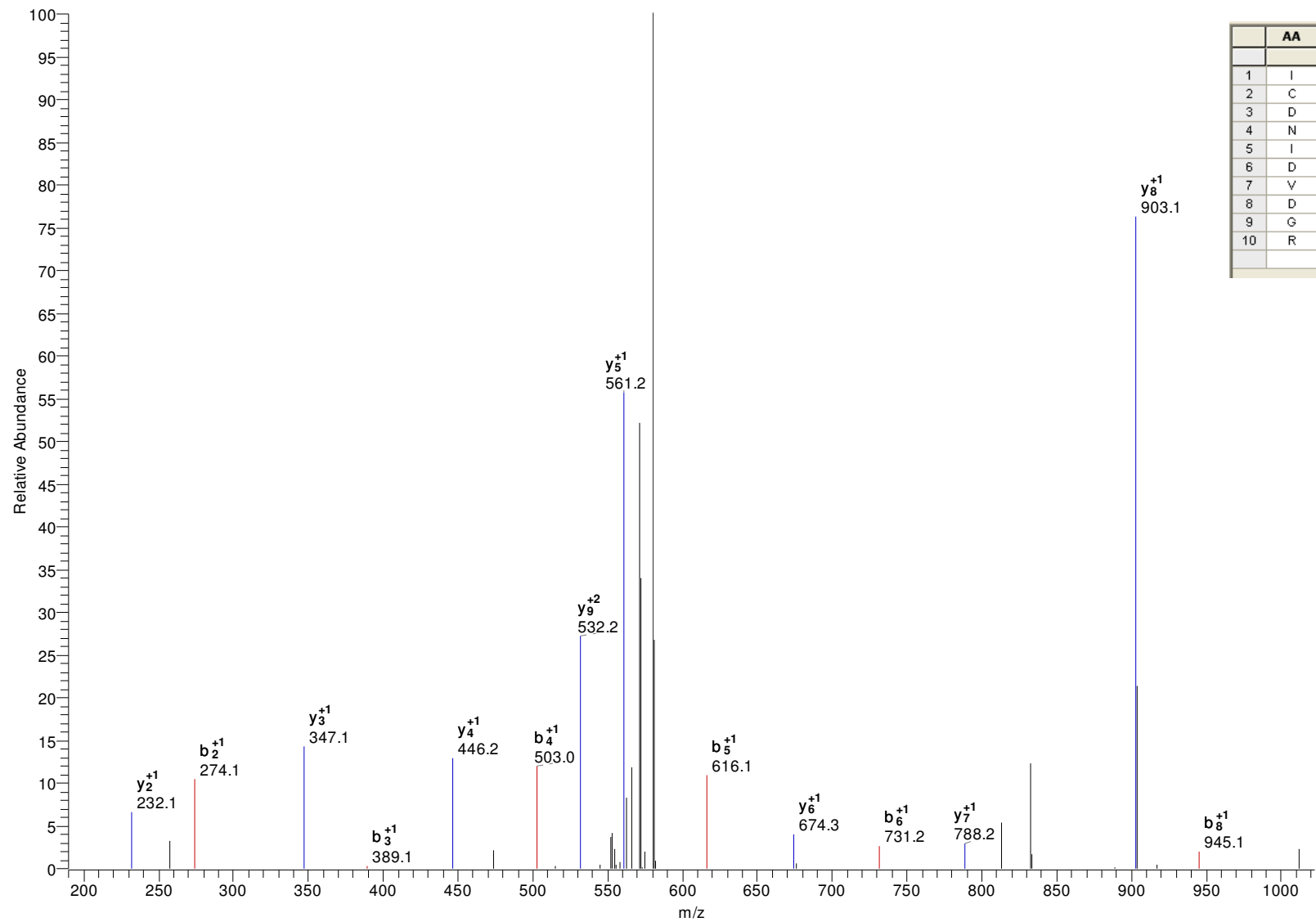
-.ICDNIDVDGR.-
P(pep)=4.75E-05

M+H=1176.531372
Xcorr=2.85

DeltaM=1.91692
DCn=0.44

z=2

#2476-2476 NL: 5.39E1



	AA	B	Y	
		✓	✓	
1	I	114.09	-	10
2	C	274.12	1063.45	9
3	D	389.15	903.42	8
4	N	503.19	788.39	7
5	I	616.28	674.35	6
6	D	731.30	561.26	5
7	V	830.37	446.24	4
8	D	945.40	347.17	3
9	G	1002.42	232.14	2
10	R	-	175.12	1

gi|19718723|gb|AAL96371.1|AC116314_8 Tcc44h21-2.8 [Trypanosoma cruzi]

K.NAAAAAIDAIR.A

M+H=1056.57959

DeltaM=0.93511

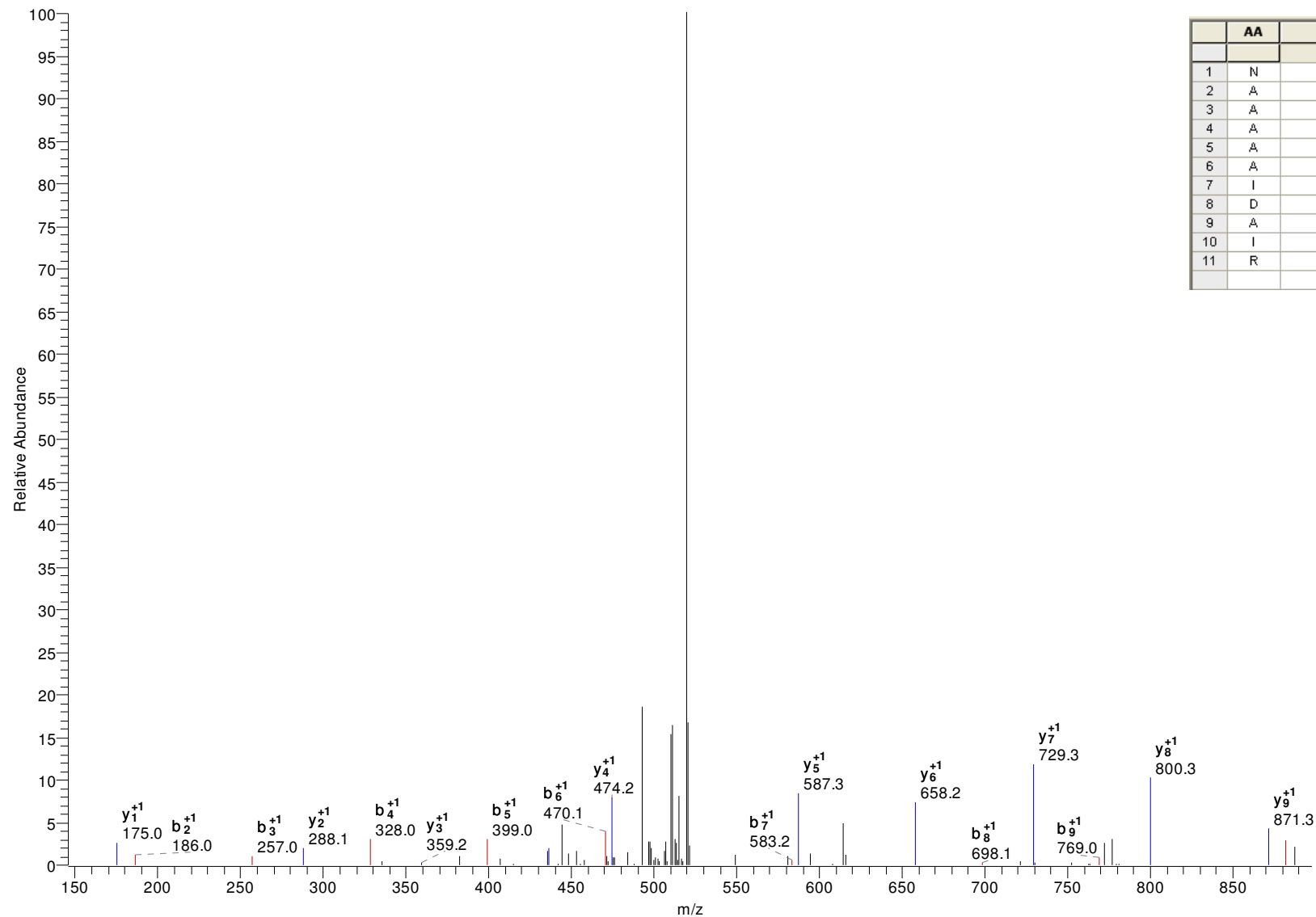
z=2

P(pep)=0.000243589

Xcorr=2.85

DCn=0.32

#3328-3328 NL: 1.40E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	N	115.05	-	11
2	A	186.09	942.54	10
3	A	257.12	871.50	9
4	A	328.16	800.46	8
5	A	399.20	729.43	7
6	A	470.24	658.39	6
7	I	583.32	587.35	5
8	D	698.35	474.27	4
9	A	769.38	359.24	3
10	I	882.47	288.20	2
11	R	-	175.12	1

gi|70887167|gb|EAN99928.1| sarcoplasmic reticulum glycoprotein, putative [Trypanosoma cruzi]

K.HIDAVLSELR.R

M+H=1152.637207

DeltaM=1.88738

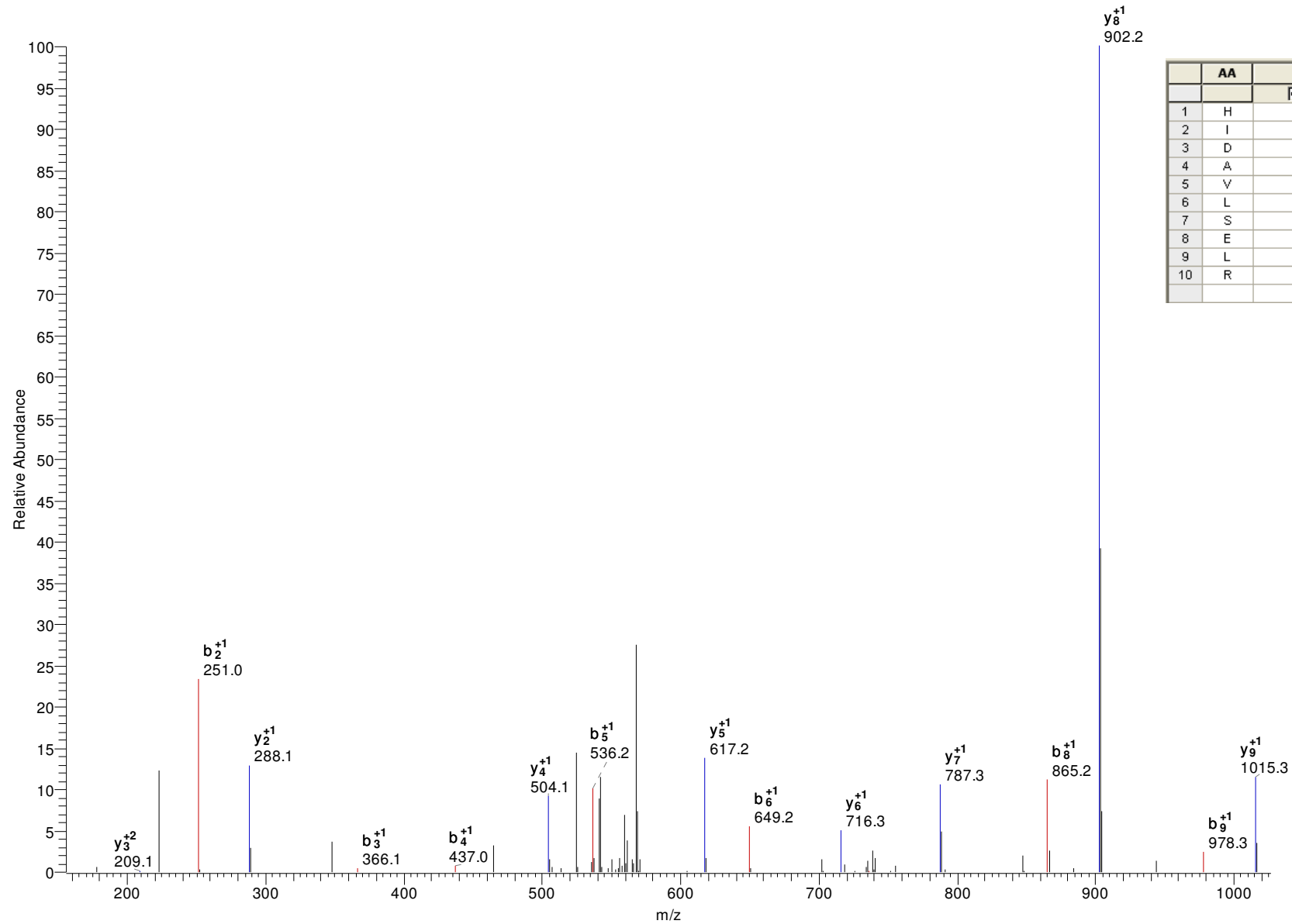
z=2

P(pep)=4.77E-05

Xcorr=2.85

DCn=0.31

#3854-3854 NL: 1.24E2



	AA	B	Y	
		✓	✓	
1	H	138.07	-	10
2	I	251.15	1015.58	9
3	D	366.18	902.49	8
4	A	437.21	787.47	7
5	V	536.28	716.43	6
6	L	649.37	617.36	5
7	S	736.40	504.28	4
8	E	865.44	417.25	3
9	L	978.53	288.20	2
10	R	-	175.12	1

gi|70868973|gb|EAN83677.1| tryptophanyl-tRNA synthetase, putative [Trypanosoma cruzi]

K.VLIEIVSNIVK.Q

M+H=1226.771851

DeltaM=1.86809

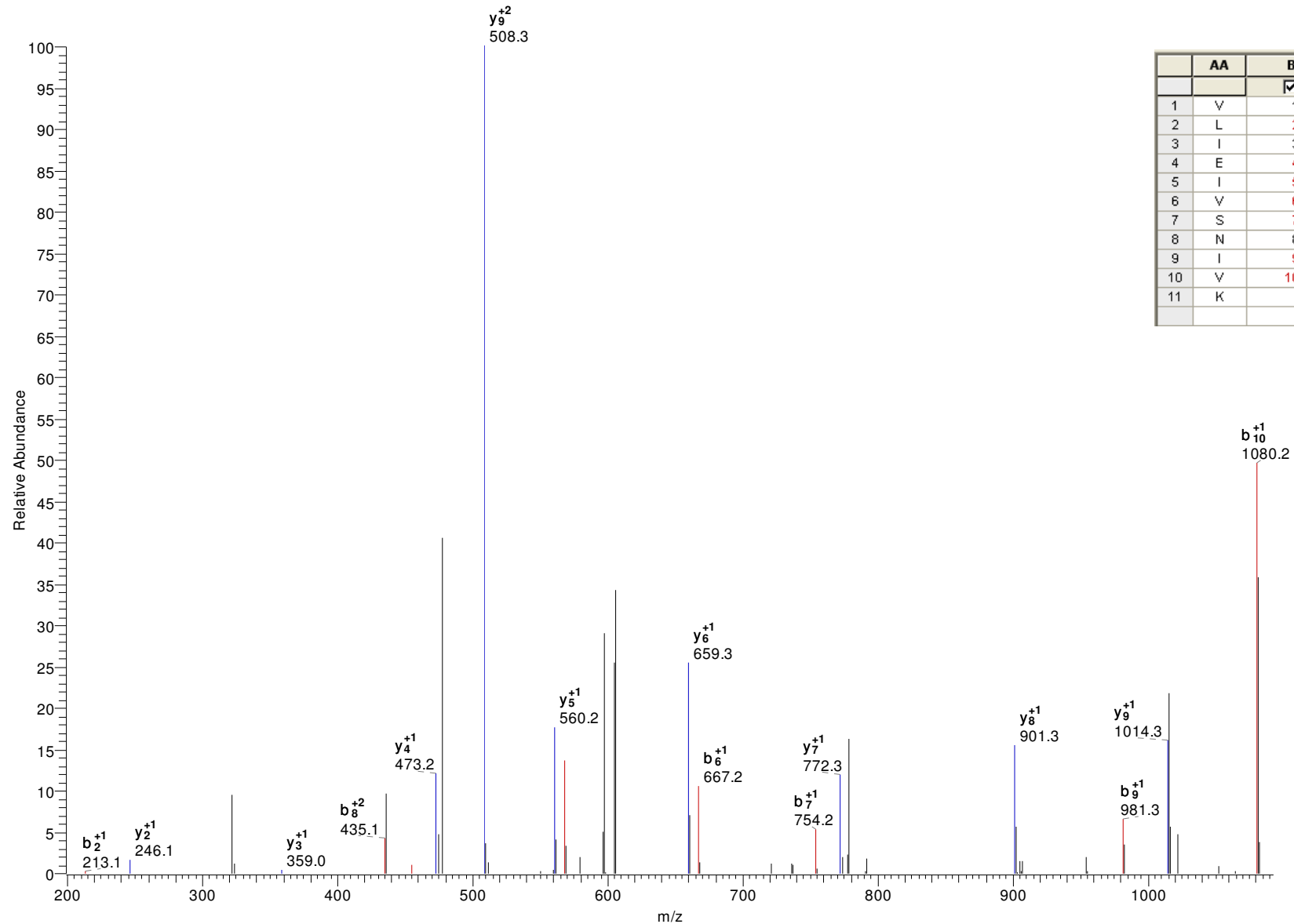
z=2

P(pep)=0.000674847

Xcorr=2.85

DCn=0.44

#5194-5194 NL:7.53E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	V	100.08	-	11
2	L	213.16	1127.70	10
3	I	326.24	1014.62	9
4	E	455.29	901.54	8
5	I	568.37	772.49	7
6	V	667.44	659.41	6
7	S	754.47	560.34	5
8	N	868.51	473.31	4
9	I	981.60	359.27	3
10	V	1080.67	246.18	2
11	K	-	147.11	1

gi|70886240|gb|EAN99027.1| alanine aminotransferase, putative [Trypanosoma cruzi]

R.TGAYTDSAGYAFAR.D

M+H=1450.65979

DeltaM=1.50408

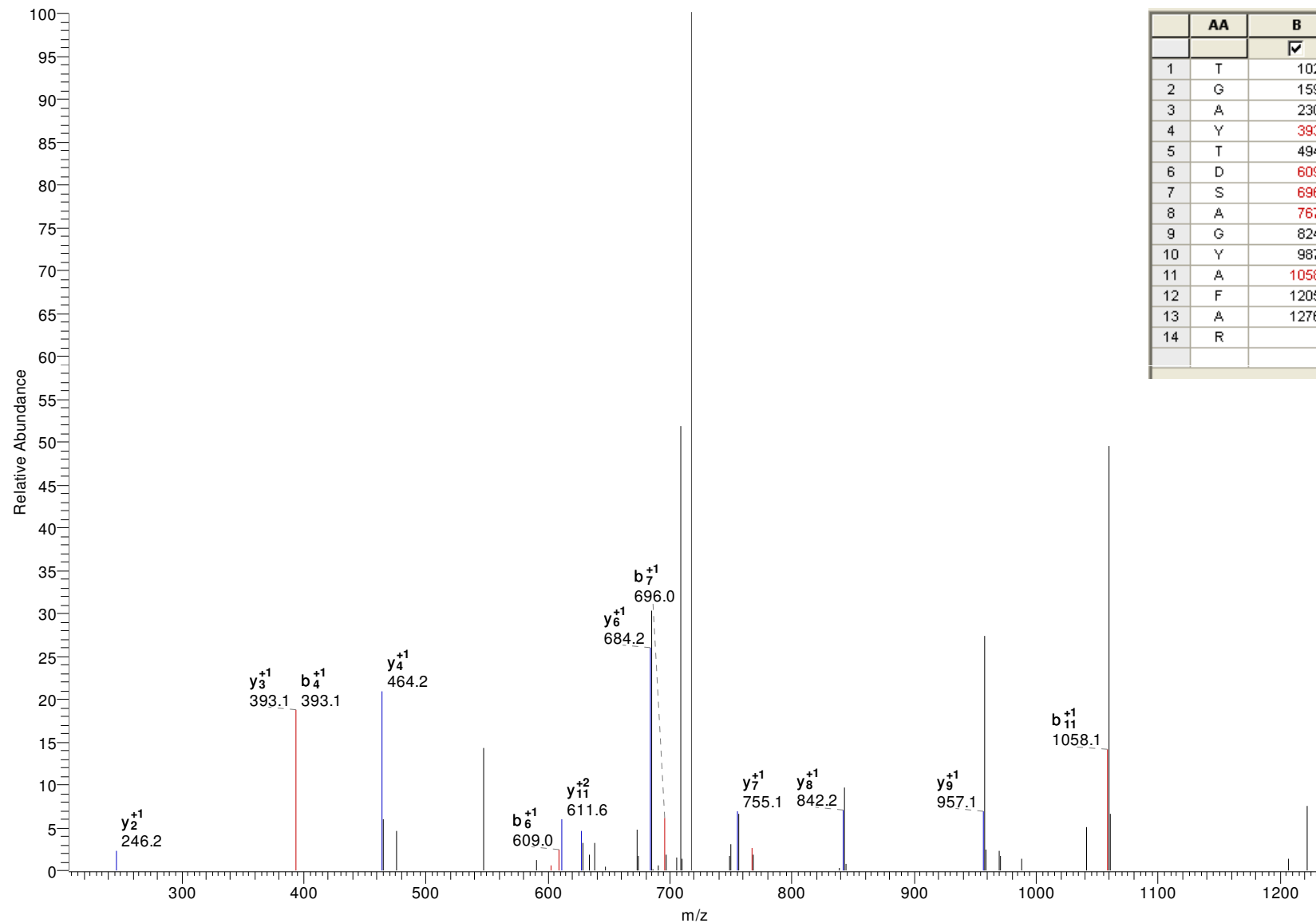
z=2

P(pep)=8.06E-07

Xcorr=2.84

DCn=0.19

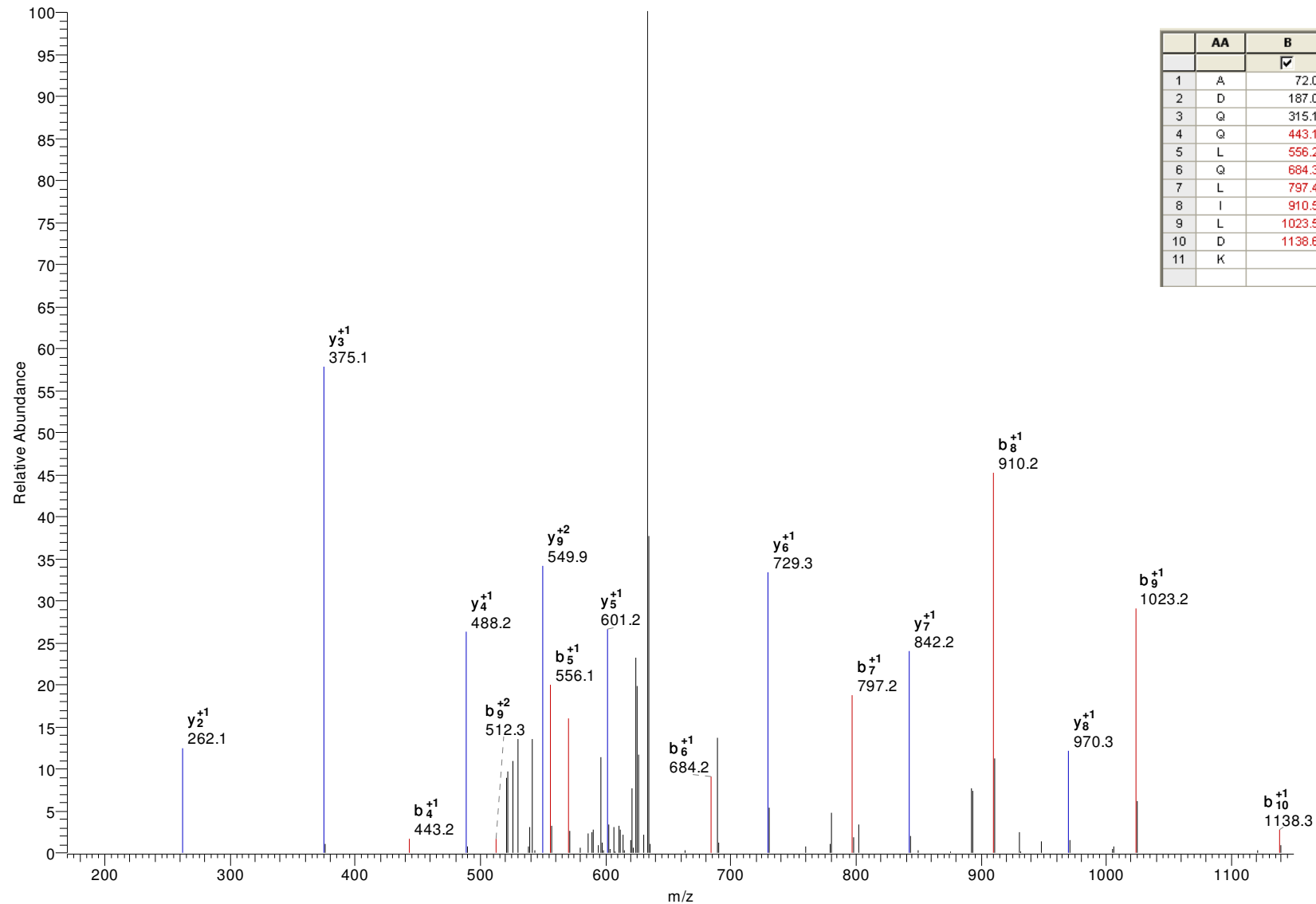
#3241-3241 NL: 5.63E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	T	102.05	-	14
2	G	159.08	1349.61	13
3	A	230.11	1292.59	12
4	Y	393.18	1221.55	11
5	T	494.22	1058.49	10
6	D	609.25	957.44	9
7	S	696.28	842.42	8
8	A	767.32	755.38	7
9	G	824.34	684.35	6
10	Y	987.41	627.32	5
11	A	1058.44	464.26	4
12	F	1205.51	393.22	3
13	A	1276.55	246.16	2
14	R	-	175.12	1

gi|70878070|gb|EAN91357.1| hypothetical protein, conserved [Trypanosoma cruzi]
-.ADQQLQLILDK.- M+H=1284.71582 DeltaM=1.01494 z=2
P(pep)=3.03E-05 Xcorr=2.84 DCn=0.41

#3866-3866 NL: 8.30E1



	AA	B	Y	
		✓	✓	
1	A	72.04	-	11
2	D	187.07	1213.68	10
3	Q	315.13	1098.65	9
4	Q	443.19	970.59	8
5	L	556.27	842.53	7
6	Q	684.33	729.45	6
7	L	797.42	601.39	5
8	I	910.50	488.31	4
9	L	1023.58	375.22	3
10	D	1138.61	262.14	2
11	K	-	147.11	1

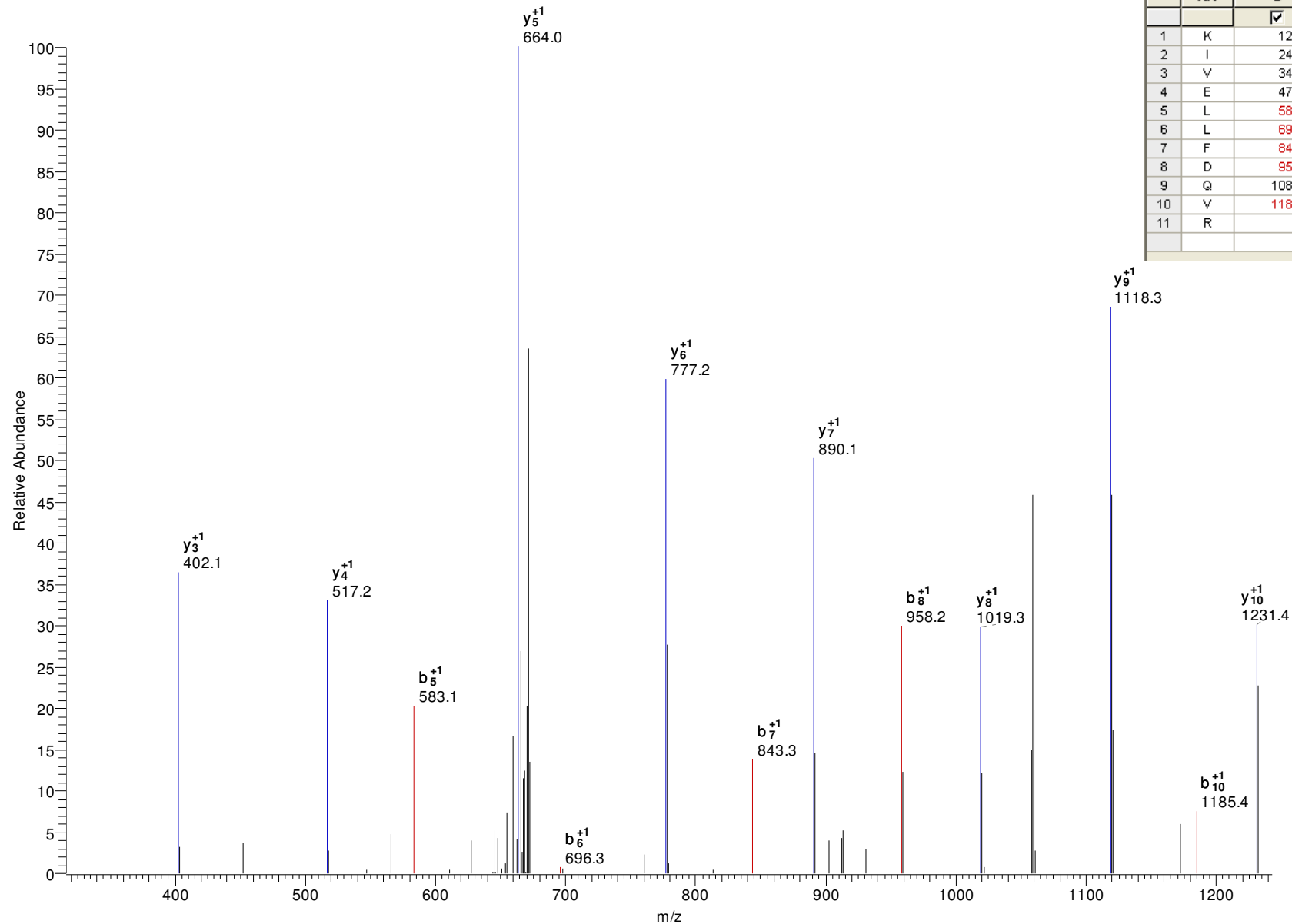
gi|70868040|gb|EAN83013.1| ATP-dependent Clp protease subunit, heat shock protein 78, putative [Trypanosoma cruzi]
R.KIVELLFDQVR.A M+H=1359.799438 DeltaM=0.82732 z=2

P(pep)=2.53E-05

Xcorr=2.82

DCn=0.44

#5117-5117 NL:3.10E1



	AA	B	Y	
		✓	✓	
1	K	129.10	-	11
2	I	242.19	1231.70	10
3	V	341.25	1118.62	9
4	E	470.30	1019.55	8
5	L	583.38	890.51	7
6	L	696.47	777.43	6
7	F	843.53	664.34	5
8	D	958.56	517.27	4
9	Q	1086.62	402.25	3
10	V	1185.69	274.19	2
11	R	-	175.12	1

gi|70875675|gb|EAN89203.1| nitrilase, putative [Trypanosoma cruzi]

R.EVLSPGSTAFPVSINEK.I

M+H=1774.922119

DeltaM=0.59416

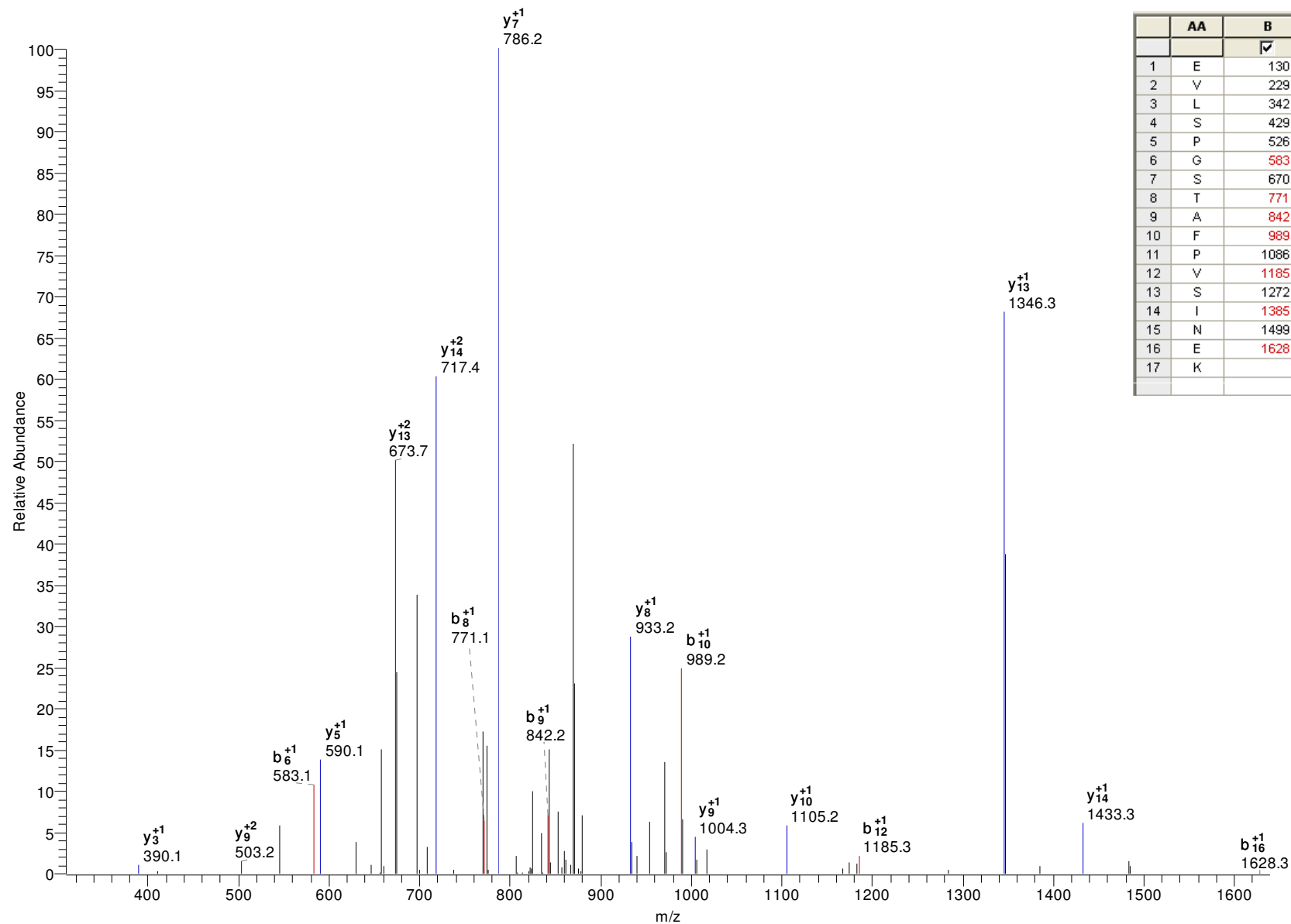
z=2

P(pep)=0.000744925

Xcorr=2.80

DCn=0.51

#4123-4123 NL: 7.74E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	E	130.05	-	17
2	V	229.12	1645.88	16
3	L	342.20	1546.81	15
4	S	429.23	1433.73	14
5	P	526.29	1346.70	13
6	G	583.31	1249.64	12
7	S	670.34	1192.62	11
8	T	771.39	1105.59	10
9	A	842.43	1004.54	9
10	F	989.49	933.50	8
11	P	1086.55	786.44	7
12	V	1185.62	689.38	6
13	S	1272.65	590.31	5
14	I	1385.73	503.28	4
15	N	1499.77	390.20	3
16	E	1628.82	276.16	2
17	K	-	147.11	1

gi|70885576|gb|EAN98388.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.AIGELETELSSVR.H

M+H=1403.737671

DeltaM=0.68279

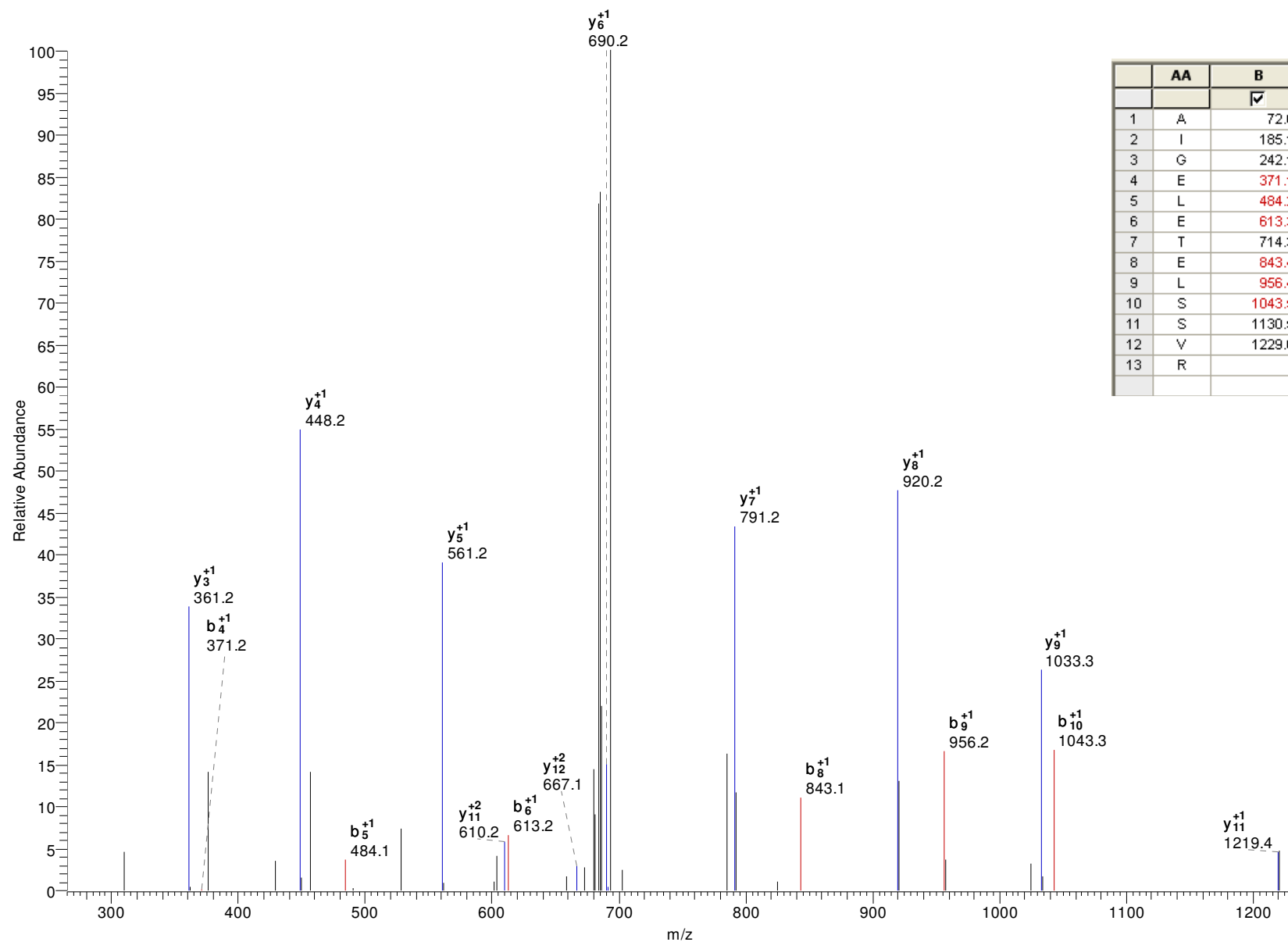
z=2

P(pep)=0.000374958

Xcorr=2.78

DCn=0.43

#4065-4065 NL: 3.05E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	A	72.04	-	13
2	I	185.13	1332.70	12
3	G	242.15	1219.62	11
4	E	371.19	1162.60	10
5	L	484.28	1033.55	9
6	E	613.32	920.47	8
7	T	714.37	791.43	7
8	E	843.41	690.38	6
9	L	956.49	561.34	5
10	S	1043.53	448.25	4
11	S	1130.56	361.22	3
12	V	1229.63	274.19	2
13	R	-	175.12	1

gi|70886848|gb|EAN99616.1| tyrosine aminotransferase, putative [Trypanosoma cruzi]

K.SFVSELLSASAAGSSGK.G

M+H=1597.806763

DeltaM=1.41203

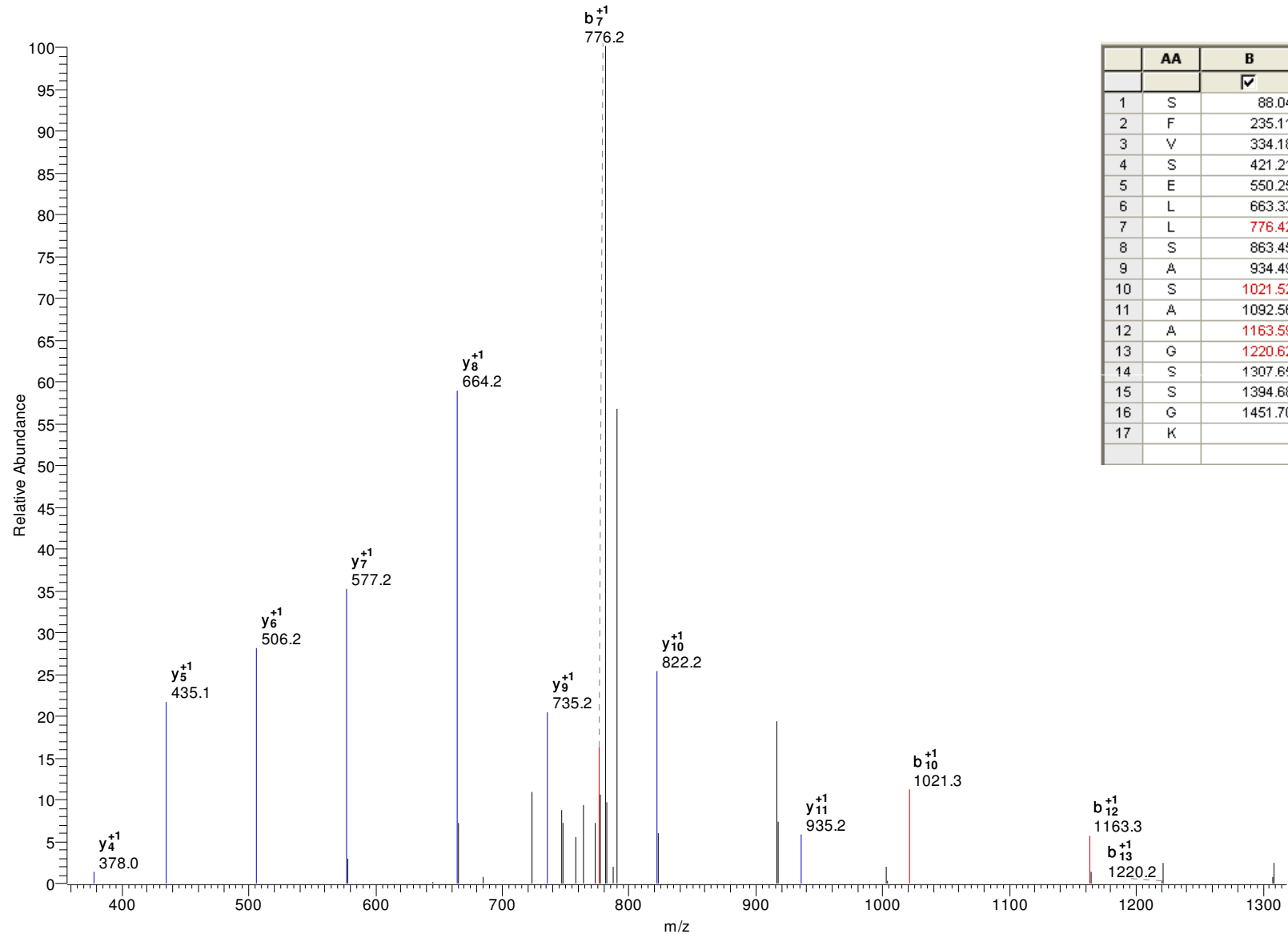
z=2

P(pep)=3.55E-05

Xcorr=2.73

DCn=0.52

#5572-5572 NL: 3.54E1

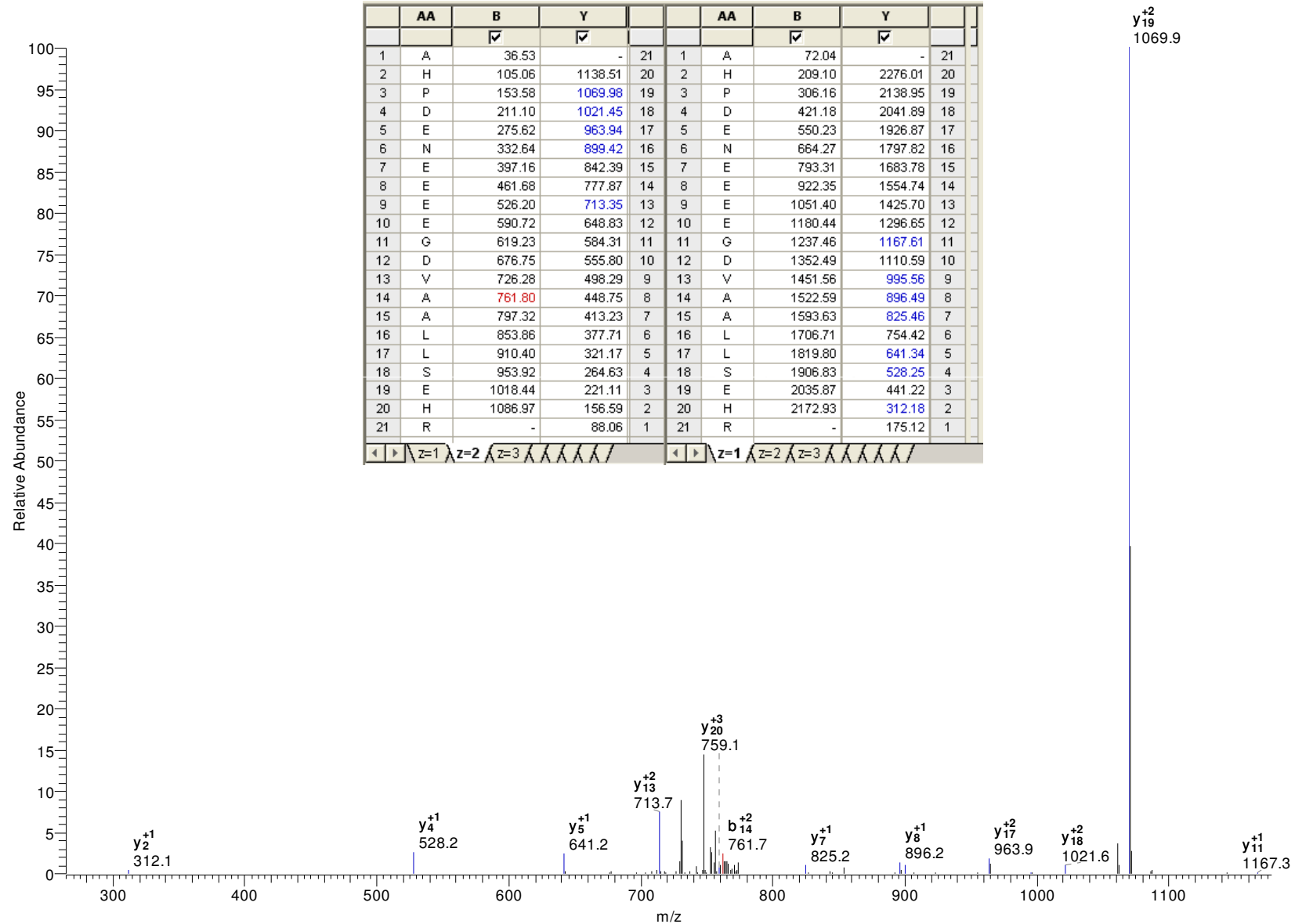


	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	S	88.04	-	17
2	F	235.11	1510.77	16
3	V	334.18	1363.71	15
4	S	421.21	1264.64	14
5	E	550.25	1177.61	13
6	L	663.33	1048.56	12
7	L	776.42	935.48	11
8	S	863.45	822.40	10
9	A	934.49	735.36	9
10	S	1021.52	664.33	8
11	A	1092.56	577.29	7
12	A	1163.59	506.26	6
13	G	1220.62	435.22	5
14	S	1307.65	378.20	4
15	S	1394.68	291.17	3
16	G	1451.70	204.13	2
17	K	-	147.11	1

gi|70885077|gb|EAN97910.1| hypothetical protein Tc00.1047053506825.200 [Trypanosoma cruzi]
 K.AHPDENEEEEGDVAALLSEHR.L M+H=2347.043213 DeltaM=1.62461
 P(pep)=7.15E-06 Xcorr=2.73 DCn=0.51

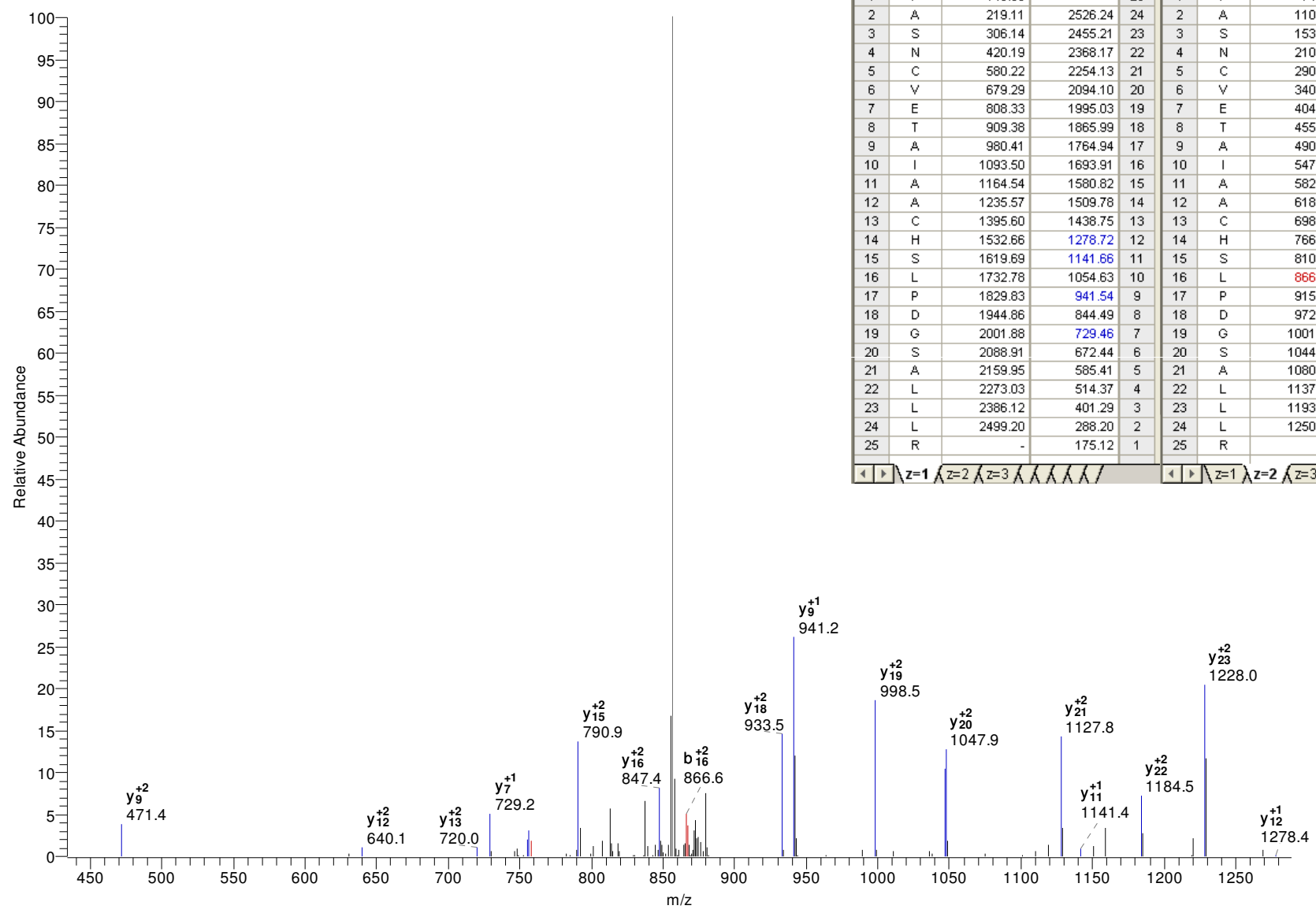
z=3

#3876-3876 NL: 5.36E2



gi|70869470|gb|EAN84039.1| hypothetical protein, conserved [Trypanosoma cruzi]
 -.FASNCVETAIAACHSLPDGSALLLR.- M+H=2673.3125 DeltaM=0.01834 z=3
 P(pep)=2.06E-06 Xcorr=2.71 DCn=0.53

#4888-4888 NL: 1.66E2



	AA	B	Y			AA	B	Y	
		✓	✓				✓	✓	
1	F	148.08	-	25	1	F	74.54	-	25
2	A	219.11	2526.24	24	2	A	110.06	1263.63	24
3	S	306.14	2455.21	23	3	S	153.58	1228.11	23
4	N	420.19	2368.17	22	4	N	210.60	1184.59	22
5	C	580.22	2254.13	21	5	C	290.61	1127.57	21
6	V	679.29	2094.10	20	6	V	340.15	1047.55	20
7	E	808.33	1995.03	19	7	E	404.67	998.02	19
8	T	909.38	1865.99	18	8	T	455.19	933.50	18
9	A	980.41	1764.94	17	9	A	490.71	882.97	17
10	I	1093.50	1693.91	16	10	I	547.25	847.46	16
11	A	1164.54	1580.82	15	11	A	582.77	790.91	15
12	A	1235.57	1509.78	14	12	A	618.29	755.40	14
13	C	1395.60	1438.75	13	13	C	698.31	719.88	13
14	H	1532.66	1278.72	12	14	H	766.83	639.86	12
15	S	1619.69	1141.66	11	15	S	810.35	571.33	11
16	L	1732.78	1054.63	10	16	L	866.89	527.82	10
17	P	1829.83	941.54	9	17	P	915.42	471.27	9
18	D	1944.86	844.49	8	18	D	972.93	422.75	8
19	G	2001.88	729.46	7	19	G	1001.44	365.23	7
20	S	2088.91	672.44	6	20	S	1044.96	336.72	6
21	A	2159.95	585.41	5	21	A	1080.48	293.21	5
22	L	2273.03	514.37	4	22	L	1137.02	257.69	4
23	L	2386.12	401.29	3	23	L	1193.56	201.15	3
24	L	2499.20	288.20	2	24	L	1250.10	144.61	2
25	R	-	175.12	1	25	R	-	88.06	1

gi|16923277|dbj|BAB71999.1| aspartate carbamoyltransferase [Trypanosoma cruzi]

K.SITSAEQFSR.A

M+H=1125.553467

DeltaM=1.82036

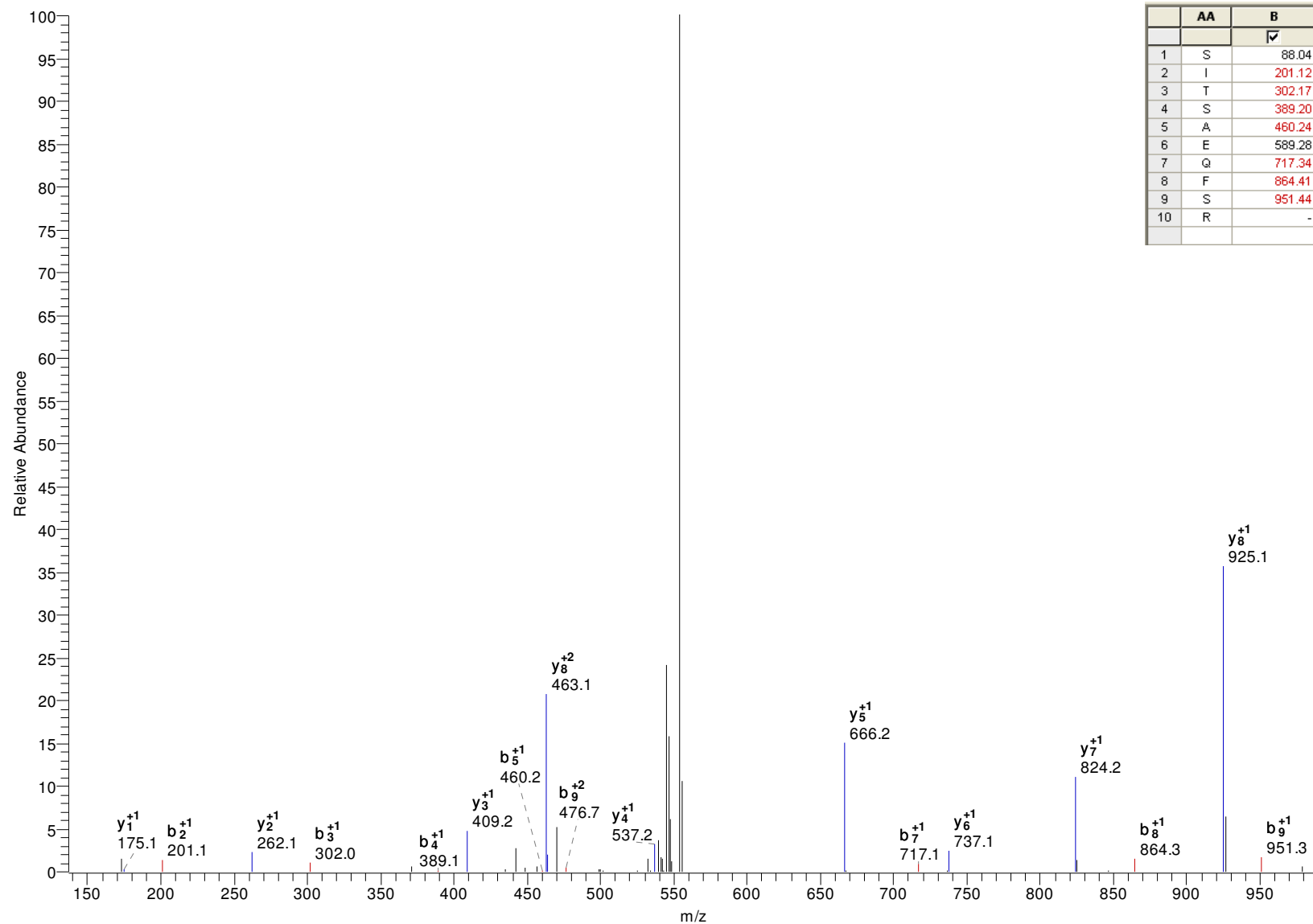
z=2

P(pep)=0.000909799

Xcorr=2.67

DCn=0.52

#2356-2356 NL: 1.05E2



	AA	B	Y	
		✓	✓	
1	S	88.04	-	10
2	I	201.12	1038.52	9
3	T	302.17	925.44	8
4	S	389.20	824.39	7
5	A	460.24	737.36	6
6	E	589.28	666.32	5
7	Q	717.34	537.28	4
8	F	864.41	409.22	3
9	S	951.44	262.15	2
10	R	-	175.12	1

gi|70880431|gb|EAN93529.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.ALSLFEMEALVK.S

M+H=1350.733765

DeltaM=1.54399

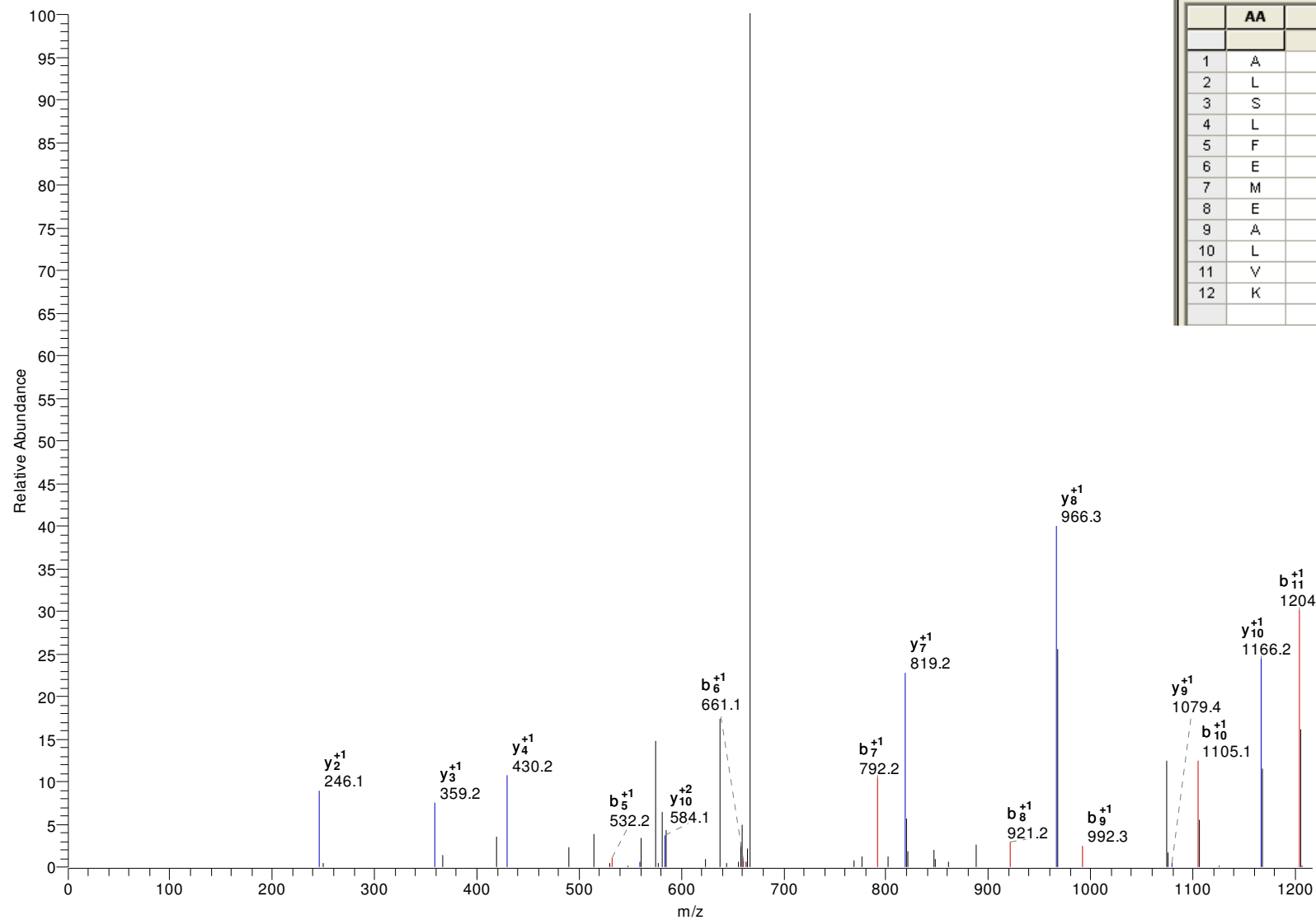
z=2

P(pep)=0.000835149

Xcorr=2.64

DCn=0.36

#5712-5712 NL: 4.57E1



	AA	B	Y	
1	A	72.04	-	12
2	L	185.13	1279.70	11
3	S	272.16	1166.61	10
4	L	385.24	1079.58	9
5	F	532.31	966.50	8
6	E	661.36	819.43	7
7	M	792.40	690.39	6
8	E	921.44	559.34	5
9	A	992.48	430.30	4
10	L	1105.56	359.27	3
11	V	1204.63	246.18	2
12	K	-	147.11	1

gi|70880282|gb|EAN93389.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.EQIQQAYHSVR.Q

M+H=1358.681152

DeltaM=0.89726

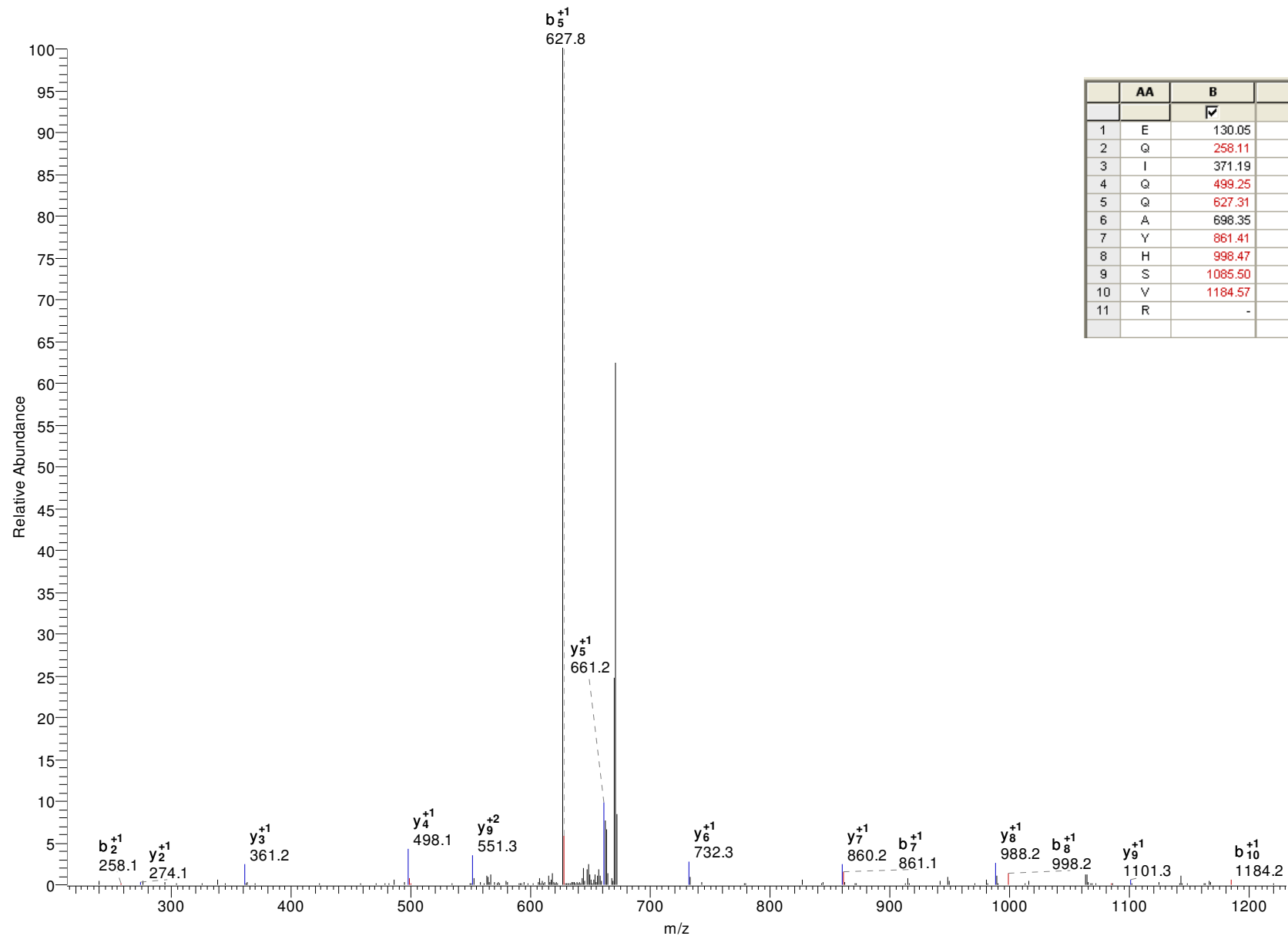
z=2

P(pep)=1.98E-06

Xcorr=2.63

DCn=0.35

#2220-2220 NL: 9.74E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	E	130.05	-	11
2	Q	258.11	1229.64	10
3	I	371.19	1101.58	9
4	Q	499.25	988.50	8
5	Q	627.31	860.44	7
6	A	698.35	732.38	6
7	Y	861.41	661.34	5
8	H	998.47	498.28	4
9	S	1085.50	361.22	3
10	V	1184.57	274.19	2
11	R	-	175.12	1

gi|70869428|gb|EAN84006.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.ASVDNIIGTLK.R

M+H=1130.641602

DeltaM=0.84502

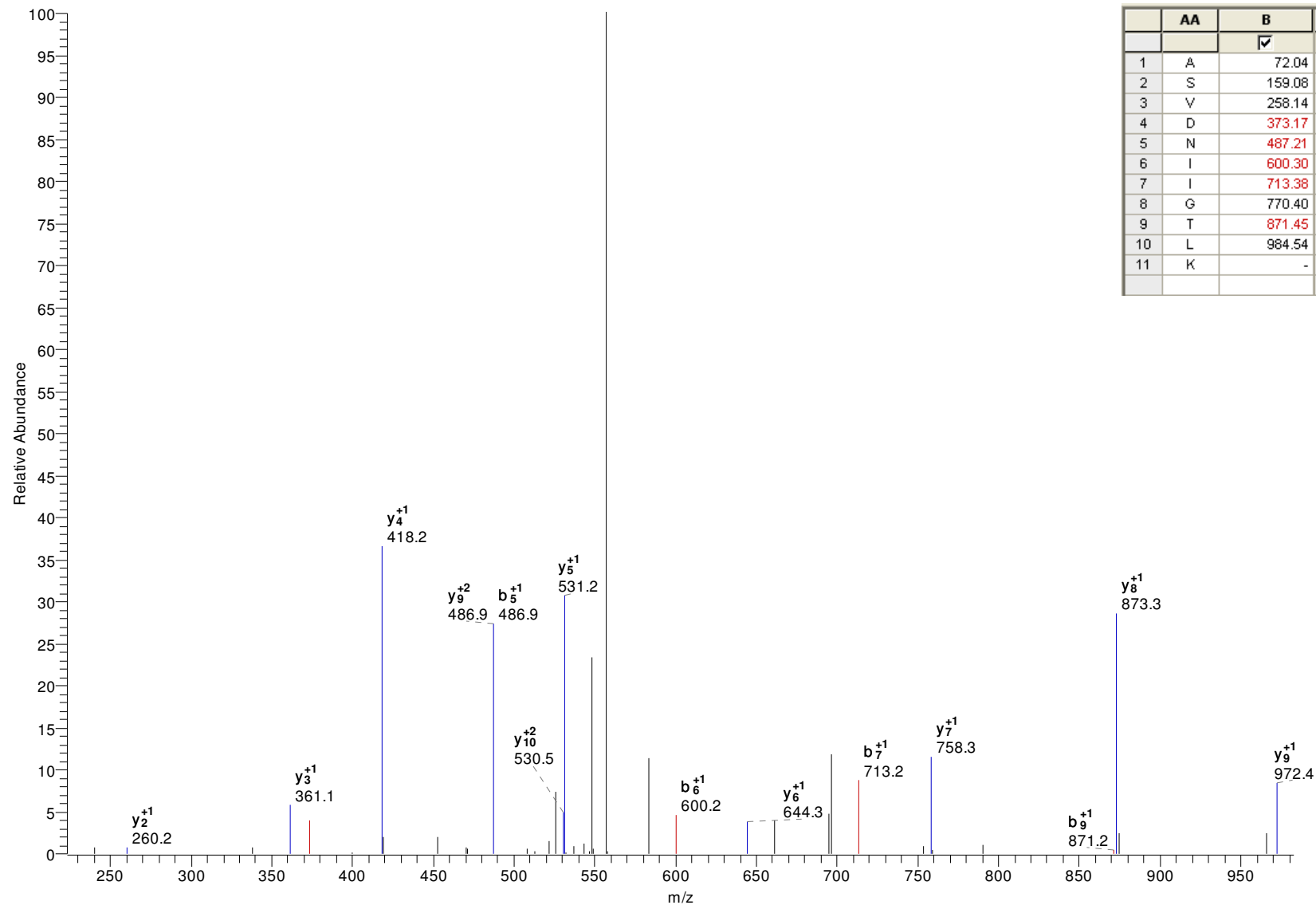
z=2

P(pep)=3.65E-05

Xcorr=2.62

DCn=0.39

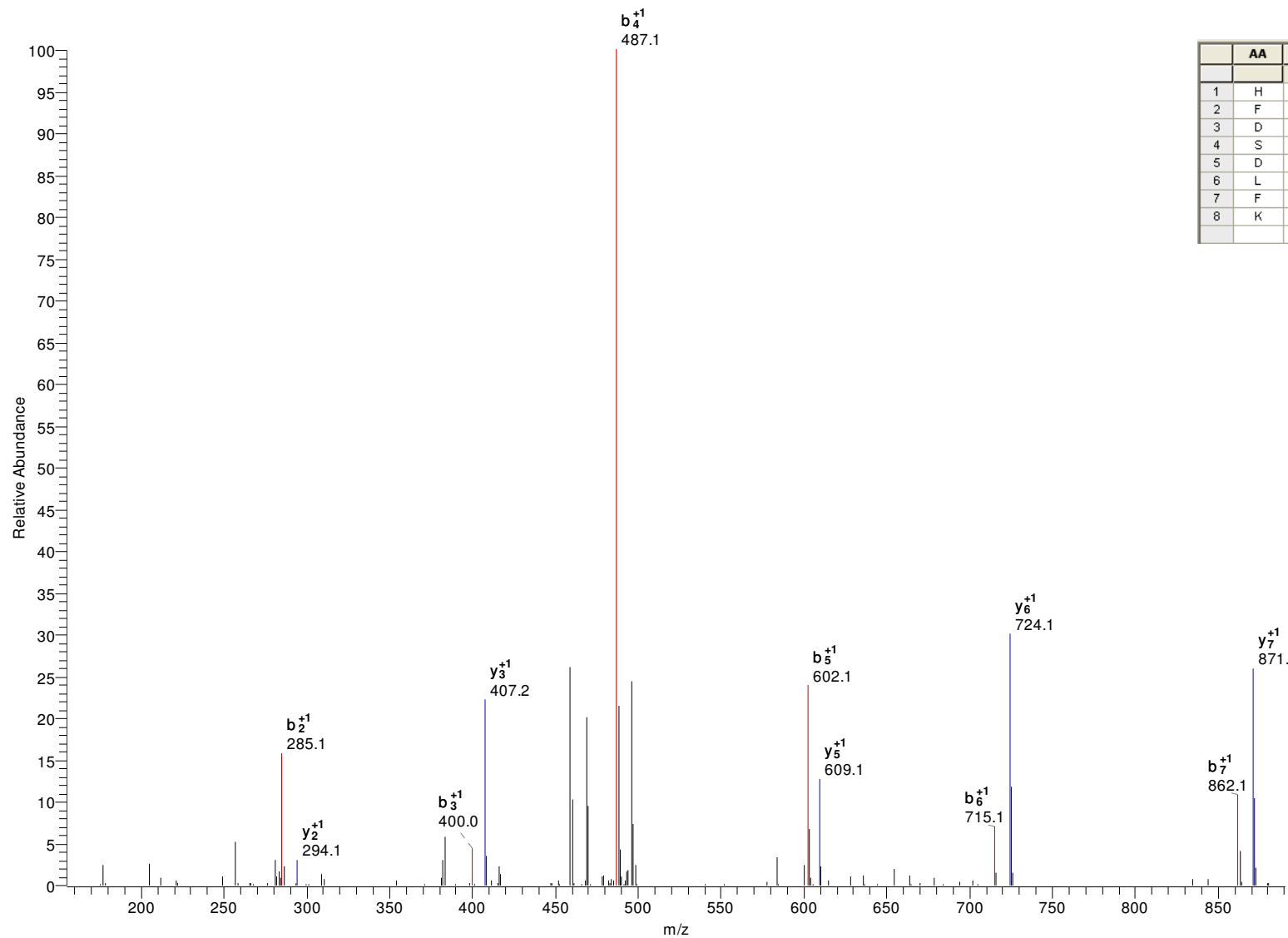
#3838-3838 NL: 1.24E2



	AA	B	Y	
		✓	✓	
1	A	72.04	-	11
2	S	159.08	1059.60	10
3	V	258.14	972.57	9
4	D	373.17	873.50	8
5	N	487.21	758.48	7
6	I	600.30	644.43	6
7	I	713.38	531.35	5
8	G	770.40	418.27	4
9	T	871.45	361.24	3
10	L	984.54	260.20	2
11	K	-	147.11	1

gi|70885574|gb|EAN98386.1| hypothetical protein, conserved [Trypanosoma cruzi]
R.HFDSLDFK.W M+H=1008.478516 DeltaM=1.35076 z=2
P(pep)=7.30E-06 Xcorr=2.61 DCn=0.33

#3533-3533 NL: 2.66E2



	AA	B	Y	
		✓	✓	
1	H	138.07	-	8
2	F	285.13	871.42	7
3	D	400.16	724.35	6
4	S	487.19	609.32	5
5	D	602.22	522.29	4
6	L	715.30	407.27	3
7	F	862.37	294.18	2
8	K	-	147.11	1

gi|10676|emb|CAA30335.1| unnamed protein product [Trypanosoma cruzi]

R.TLADYNIQK.E

M+H=1065.557495

DeltaM=1.82463

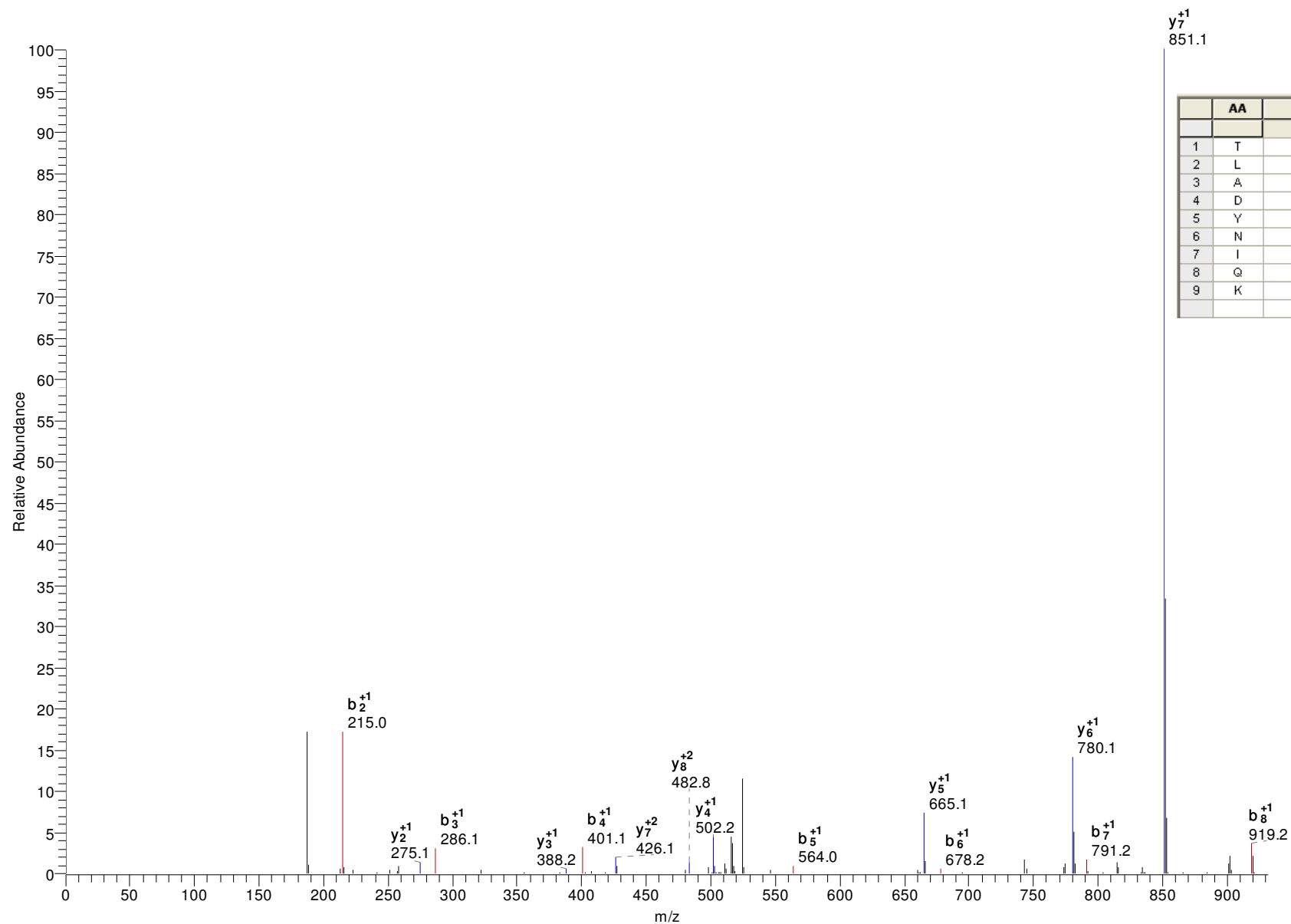
z=2

P(pep)=8.78E-06

Xcorr=2.58

DCn=0.44

#2553-2553 NL: 5.77E2



y_7^{+1}
851.1

	AA	B	Y	
		☑	☑	
1	T	102.05	-	9
2	L	215.14	964.51	8
3	A	286.18	851.43	7
4	D	401.20	780.39	6
5	Y	564.27	665.36	5
6	N	678.31	502.30	4
7	I	791.39	388.26	3
8	Q	919.45	275.17	2
9	K	-	147.11	1

gi|19424456|gb|AAL88739.1|AC104504_8 Tcc2i18.8 [Trypanosoma cruzi]

R.GLEIDPLLALSEEFFK.T

M+H=1802.942261

DeltaM=1.31731

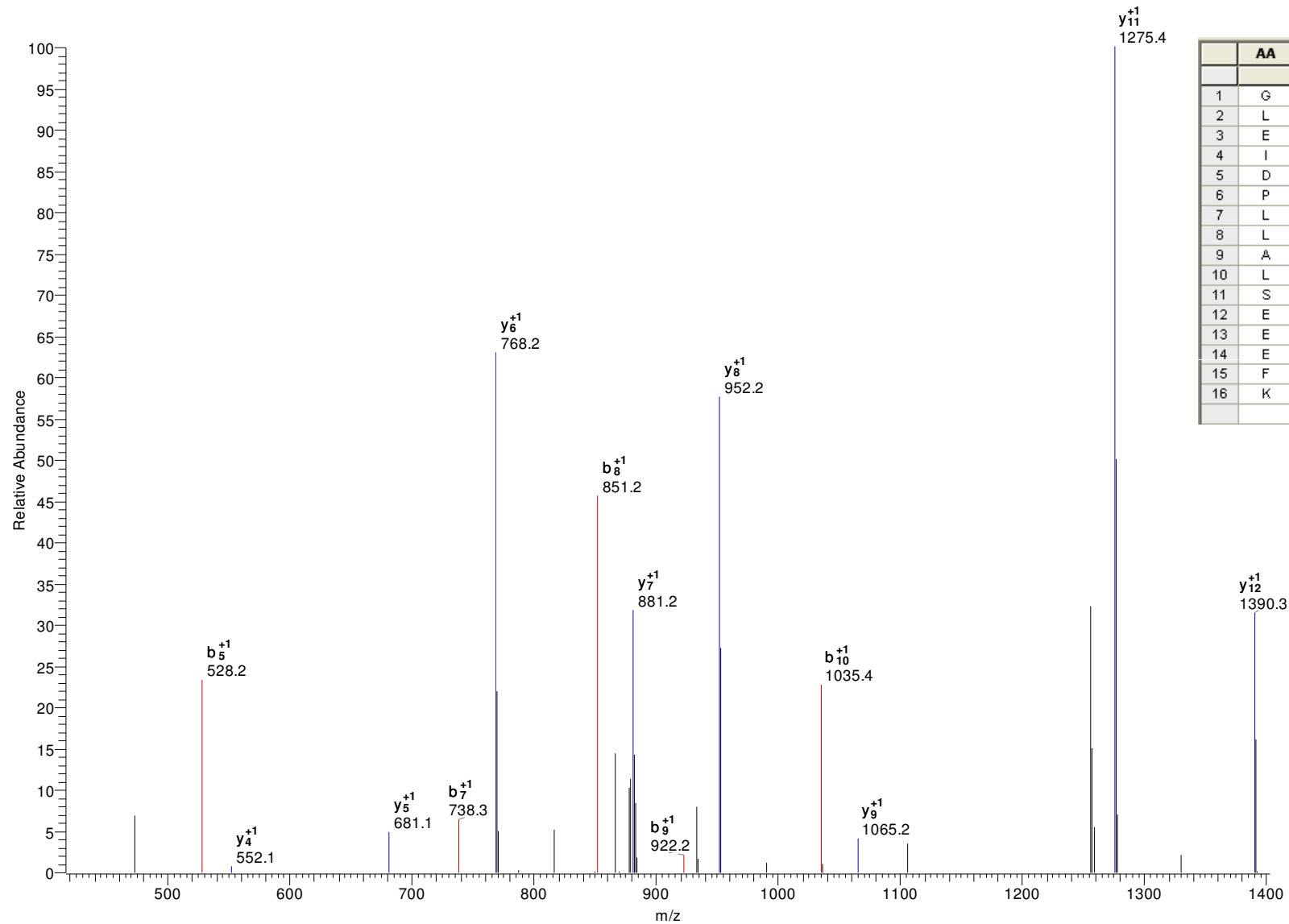
z=2

P(pep)=8.02E-05

Xcorr=2.57

DCn=0.39

#6575-6575 NL: 2.71E1



	AA	B	Y	
		✓	✓	
1	G	58.03	-	16
2	L	171.11	1745.92	15
3	E	300.16	1632.84	14
4	I	413.24	1503.79	13
5	D	528.27	1390.71	12
6	P	625.32	1275.68	11
7	L	738.40	1178.63	10
8	L	851.49	1065.55	9
9	A	922.52	952.46	8
10	L	1035.61	881.43	7
11	S	1122.64	768.34	6
12	E	1251.68	681.31	5
13	E	1380.73	552.27	4
14	E	1509.77	423.22	3
15	F	1656.84	294.18	2
16	K	-	147.11	1

gi|70879670|gb|EAN92825.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.AFESHTTTLEDK.S

M+H=1378.64856

DeltaM=0.73992

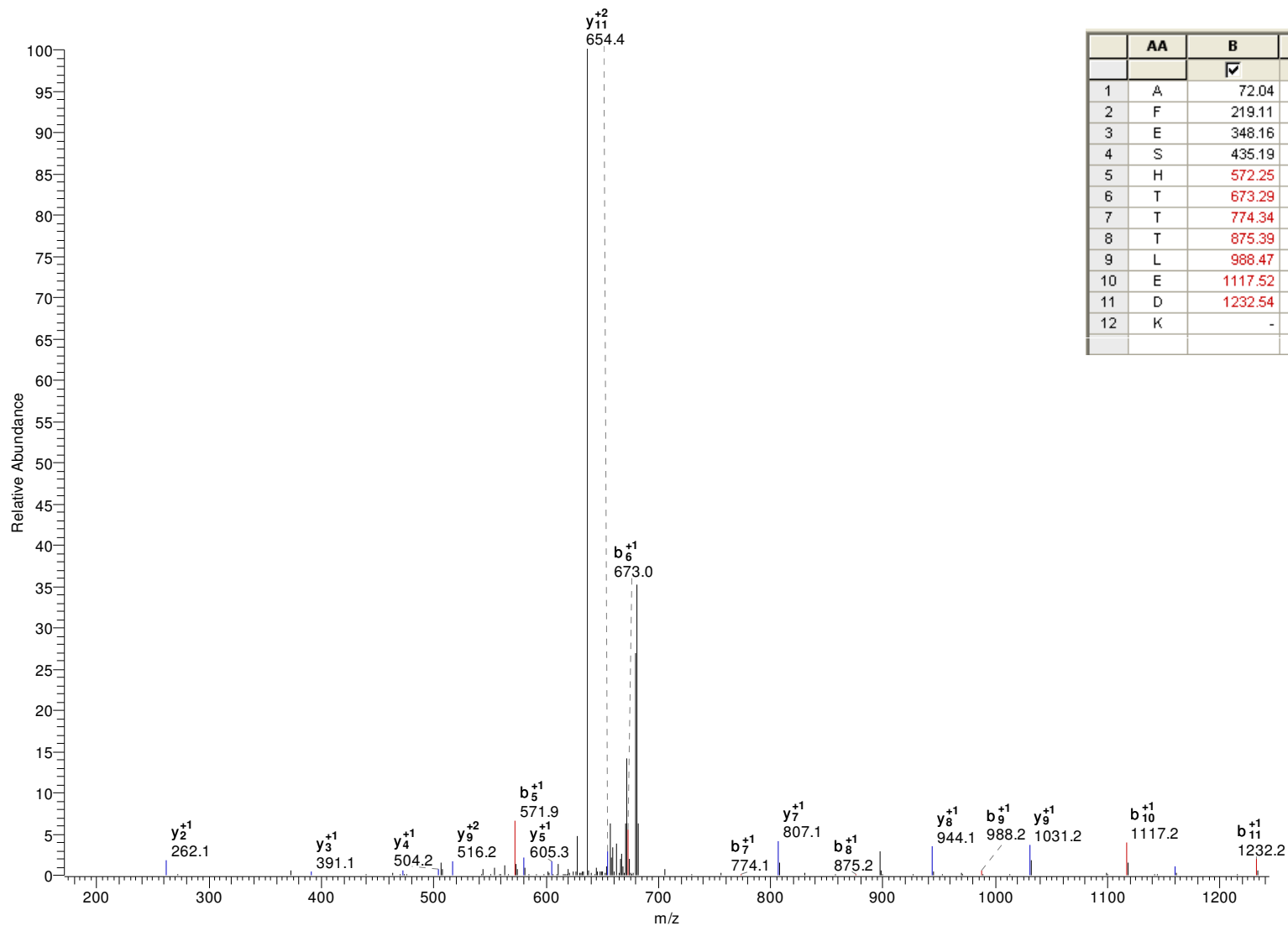
z=2

P(pep)=0.00066188

Xcorr=2.57

DCn=0.43

#2214-2214 NL: 7.41E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	A	72.04	-	12
2	F	219.11	1307.61	11
3	E	348.16	1160.54	10
4	S	435.19	1031.50	9
5	H	572.25	944.47	8
6	T	673.29	807.41	7
7	T	774.34	706.36	6
8	T	875.39	605.31	5
9	L	988.47	504.27	4
10	E	1117.52	391.18	3
11	D	1232.54	262.14	2
12	K	-	147.11	1

gi|70878726|gb|EAN91956.1| aldehyde dehydrogenase, putative [Trypanosoma cruzi]

R.YSAPTITVPLPR.T

M+H=1314.741577

DeltaM=0.25041

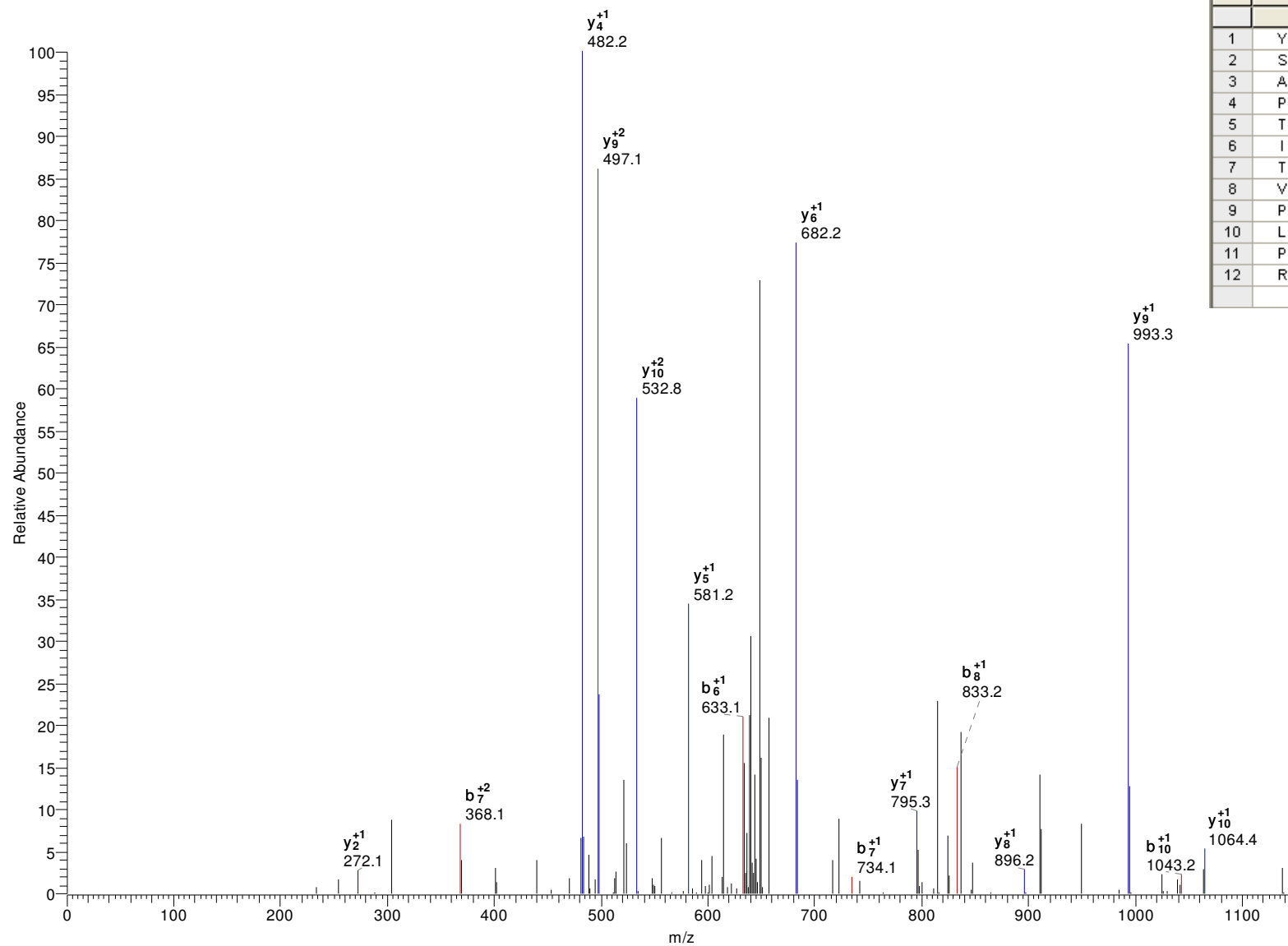
z=2

P(pep)=1.09E-05

Xcorr=2.56

DCn=0.44

#3862-3862 NL: 9.88E1



	AA	B	Y	
1	Y	164.07	-	12
2	S	251.10	1151.68	11
3	A	322.14	1064.65	10
4	P	419.19	993.61	9
5	T	520.24	896.56	8
6	I	633.32	795.51	7
7	T	734.37	682.42	6
8	V	833.44	581.38	5
9	P	930.49	482.31	4
10	L	1043.58	385.26	3
11	P	1140.63	272.17	2
12	R	-	175.12	1

gi|1682979|gb|AH004308.1| tyrosine aminotransferase; TAT [Trypanosoma cruzi]

-.AITAICDAGDYALVPQPGFPHYETVCK.A

M+H=2993.417236

DeltaM=1.29868

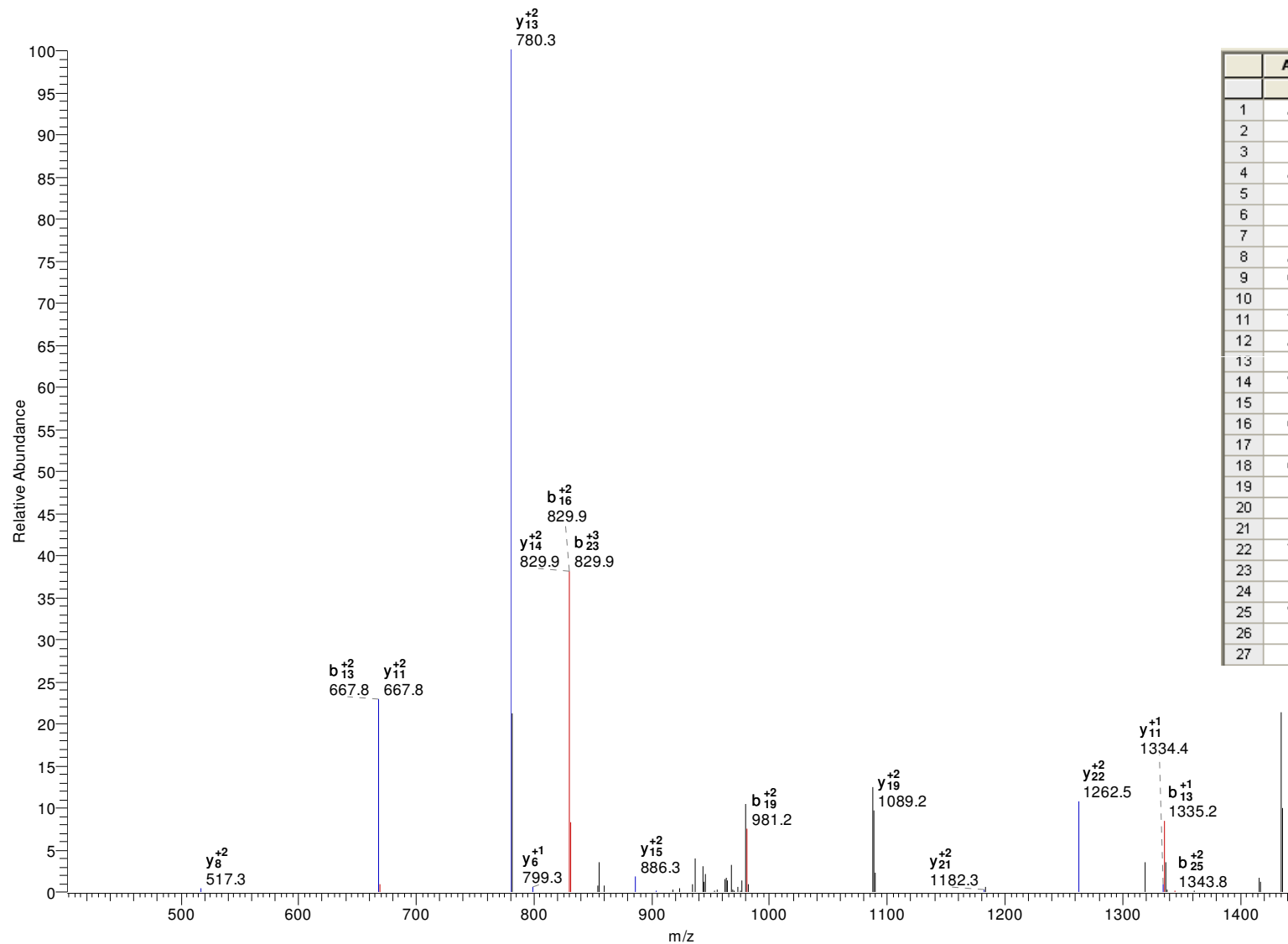
z=3

P(pep)=6.40E-05

Xcorr=2.52

DCn=0.43

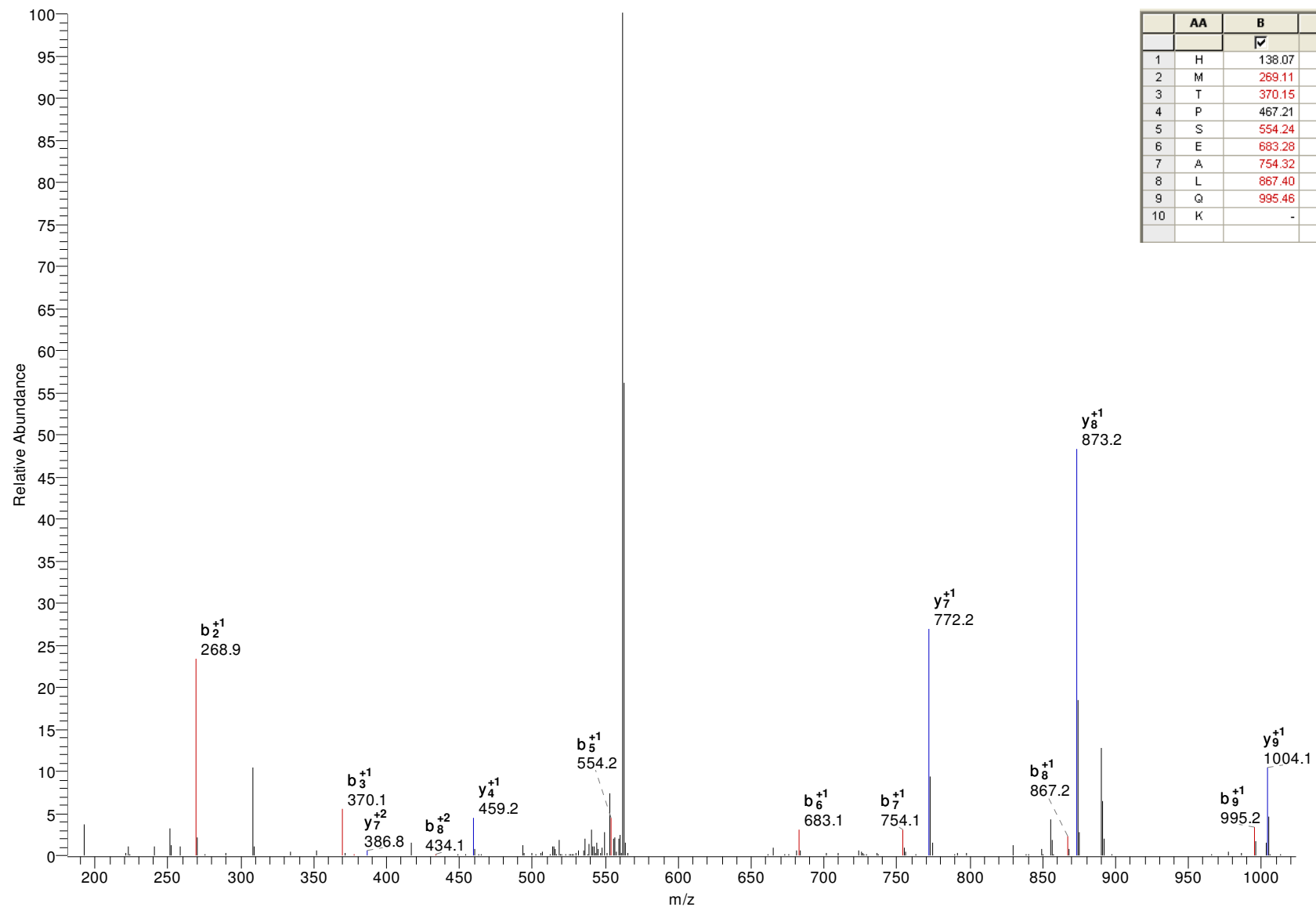
#4809-4809 NL: 1.22E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	A	36.53	-	27
2	I	93.07	1461.69	26
3	T	143.59	1405.15	25
4	A	179.11	1354.63	24
5	I	235.65	1319.11	23
6	C	315.67	1262.57	22
7	D	373.18	1182.55	21
8	A	408.70	1125.04	20
9	G	437.21	1089.52	19
10	D	494.72	1061.01	18
11	Y	576.26	1003.50	17
12	A	611.77	921.96	16
13	L	668.32	886.45	15
14	V	717.85	829.90	14
15	P	766.38	780.37	13
16	Q	830.41	731.84	12
17	P	878.93	667.81	11
18	G	907.44	619.29	10
19	F	980.98	590.78	9
20	P	1029.50	517.24	8
21	H	1098.03	468.72	7
22	Y	1179.56	400.19	6
23	E	1244.09	318.65	5
24	T	1294.61	254.13	4
25	V	1344.14	203.61	3
26	C	1424.16	154.08	2
27	K	-	74.06	1

gi|70876272|gb|EAN89743.1| hypothetical protein, conserved [Trypanosoma cruzi]
K.HMTPSEALQK.H M+H=1141.567017 DeltaM=1.03020 z=2
P(pep)=7.60E-06 Xcorr=2.51 DCn=0.41

#2206-2206 NL: 6.94E2



	AA	B	Y	
		✓	✓	
1	H	138.07	-	10
2	M	269.11	1004.51	9
3	T	370.15	873.47	8
4	P	467.21	772.42	7
5	S	554.24	675.37	6
6	E	683.28	588.34	5
7	A	754.32	459.29	4
8	L	867.40	388.26	3
9	Q	995.46	275.17	2
10	K	-	147.11	1

gi|70874895|gb|EAN88524.1| 3-ketoacyl-CoA thiolase, putative [Trypanosoma cruzi]

K.TLEELLADAINGALEK.T

M+H=1699.911255

DeltaM=1.61284

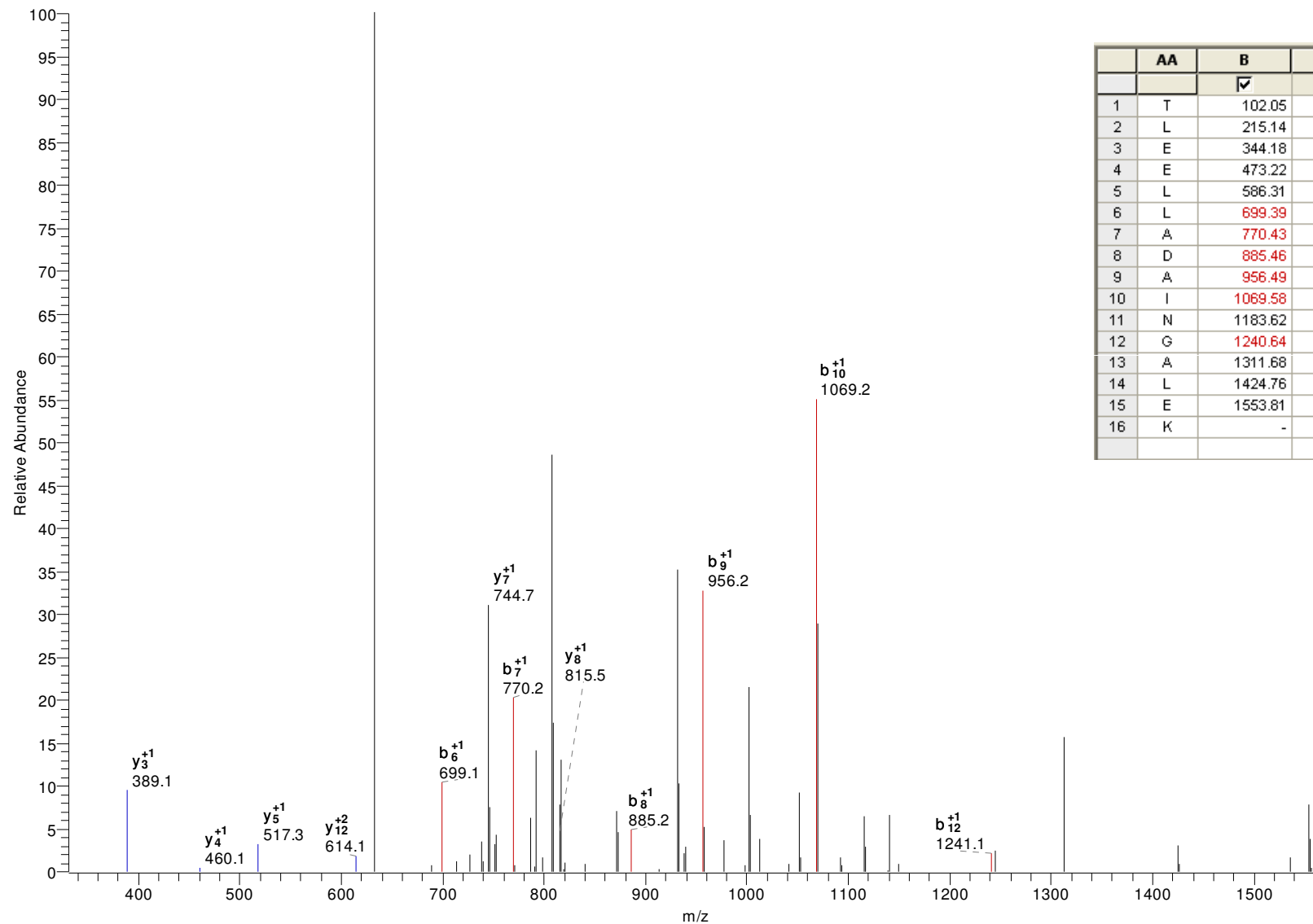
z=2

P(pep)=2.94E-06

Xcorr=2.41

DCn=0.14

#6498-6500 NL:7.28E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	T	102.05	-	16
2	L	215.14	1598.86	15
3	E	344.18	1485.78	14
4	E	473.22	1356.74	13
5	L	586.31	1227.69	12
6	L	699.39	1114.61	11
7	A	770.43	1001.53	10
8	D	885.46	930.49	9
9	A	956.49	815.46	8
10	I	1069.58	744.43	7
11	N	1183.62	631.34	6
12	G	1240.64	517.30	5
13	A	1311.68	460.28	4
14	L	1424.76	389.24	3
15	E	1553.81	276.16	2
16	K	-	147.11	1

gi|70874252|gb|EAN87963.1| cytoskeleton-associated protein CAP5.5, putative [Trypanosoma cruzi]

R.QLLQVLTQAATEELQR.V

M+H=1784.950073

DeltaM=1.10100

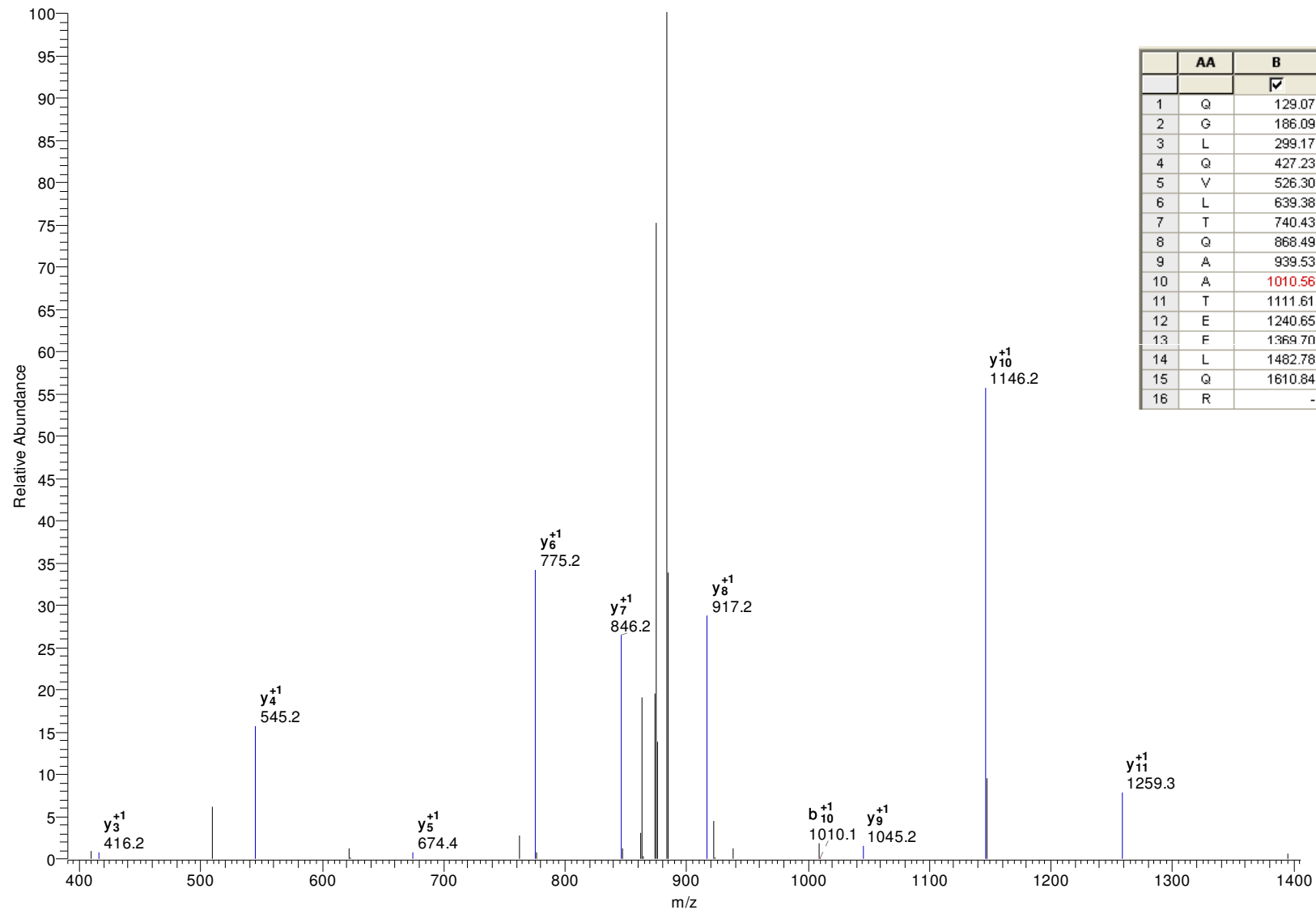
z=2

P(pep)=9.28E-05

Xcorr=2.43

DCn=0.45

#4790-4790 NL: 2.54E1



	AA	B	Y	
		✓	✓	
1	Q	129.07	-	16
2	G	186.09	1656.89	15
3	L	299.17	1599.87	14
4	Q	427.23	1486.79	13
5	V	526.30	1358.73	12
6	L	639.38	1259.66	11
7	T	740.43	1146.57	10
8	Q	868.49	1045.53	9
9	A	939.53	917.47	8
10	A	1010.56	846.43	7
11	T	1111.61	775.39	6
12	E	1240.65	674.35	5
13	F	1369.70	545.30	4
14	L	1482.78	416.26	3
15	Q	1610.84	303.18	2
16	R	-	175.12	1

gi|70885630|gb|EAN98441.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.YGVISLLETAVR.A

M+H=1320.752197

DeltaM=1.49541

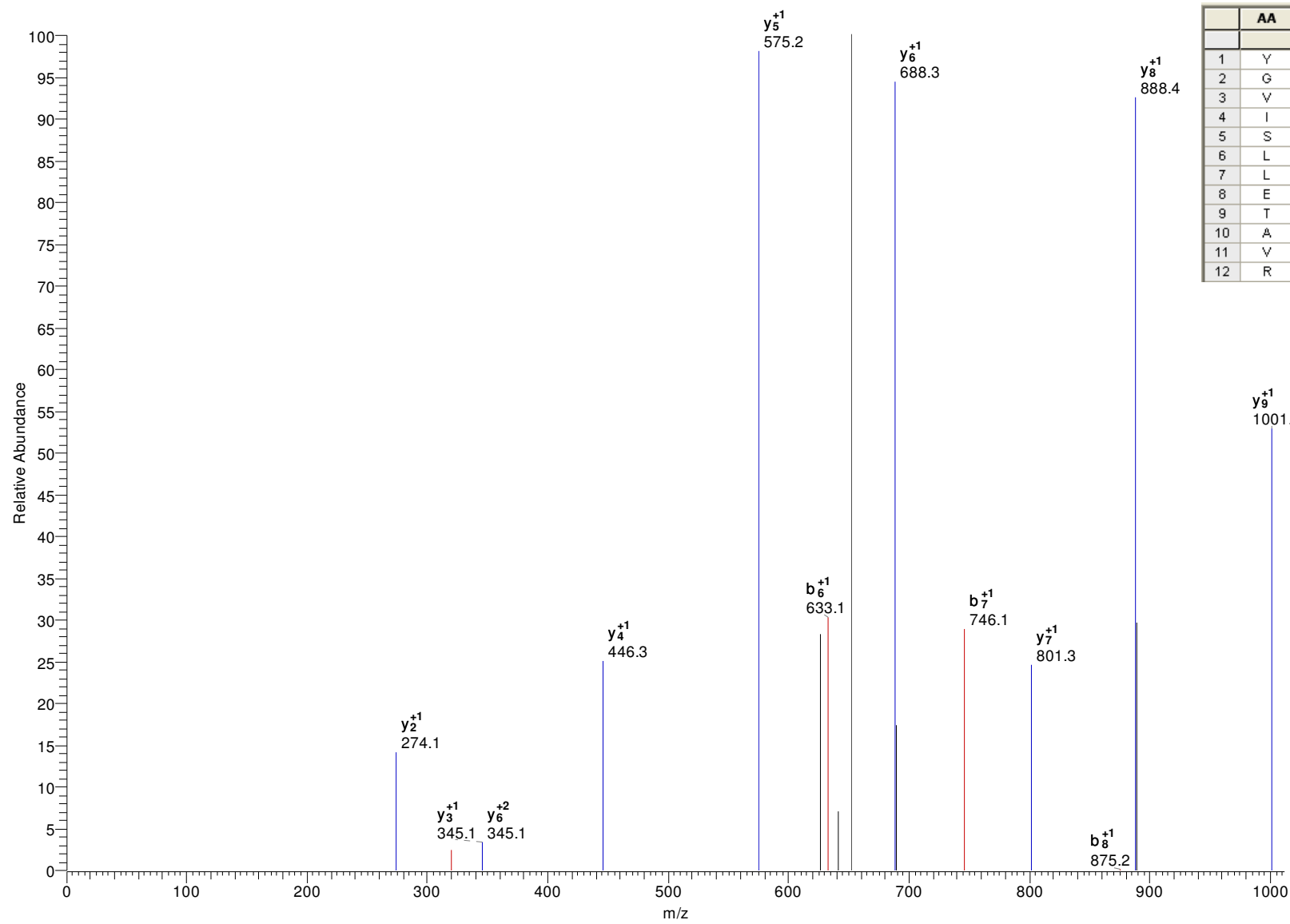
z=2

P(pep)=0.000152472

Xcorr=2.41

DCn=0.30

#6597-6597 NL: 6.22



	AA	B	Y	
		✓	✓	
1	Y	164.07	-	12
2	G	221.09	1157.69	11
3	V	320.16	1100.67	10
4	I	433.24	1001.60	9
5	S	520.28	888.51	8
6	L	633.36	801.48	7
7	L	746.44	688.40	6
8	E	875.49	575.31	5
9	T	976.53	446.27	4
10	A	1047.57	345.22	3
11	V	1146.64	274.19	2
12	R	-	175.12	1

gi|70871842|gb|EAN85920.1| calpain-like cysteine peptidase, putative [Trypanosoma cruzi]

K.MEKDEATGEFK.C

M+H=1284.577637

DeltaM=1.53374

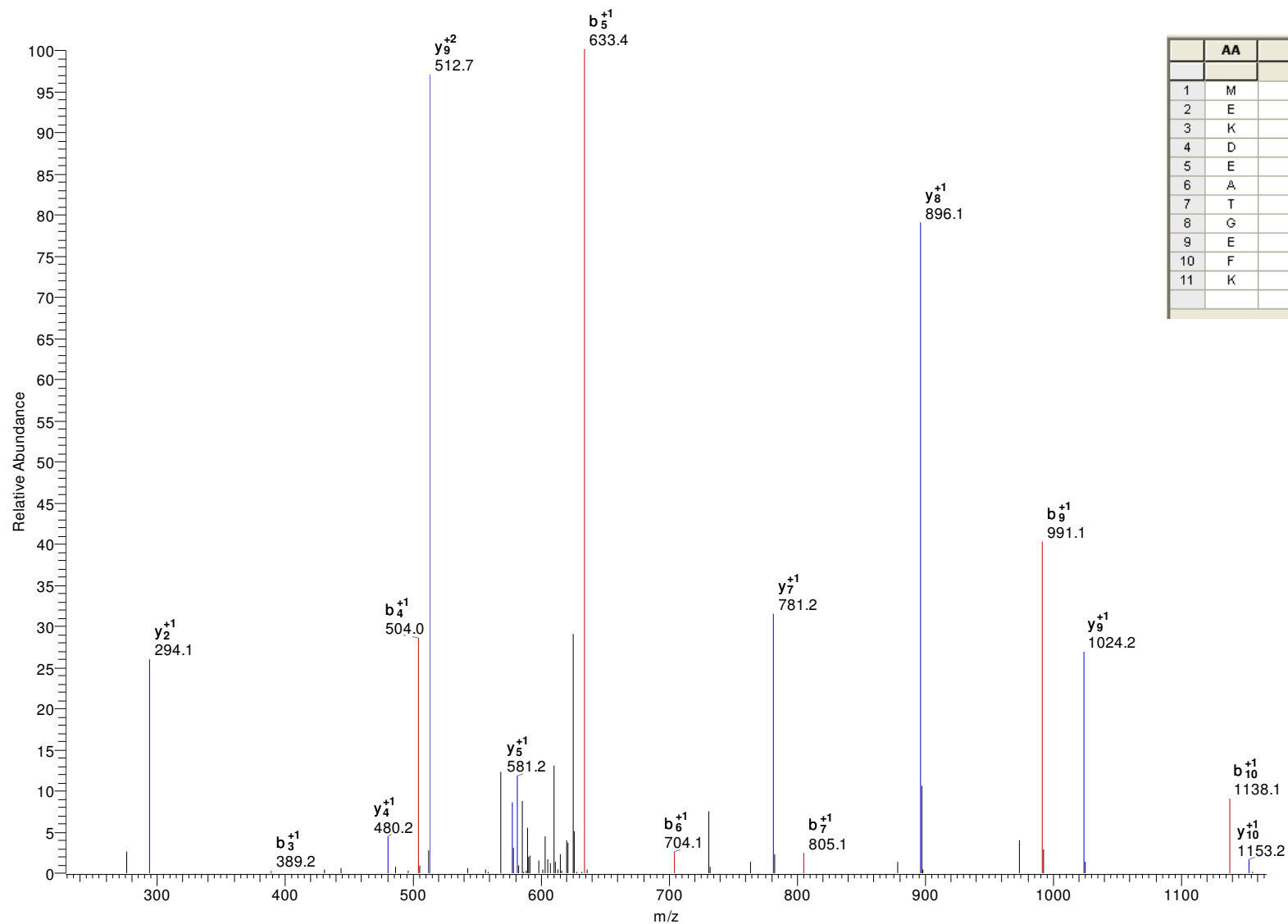
z=2

P(pep)=0.000140222

Xcorr=2.41

DCn=0.19

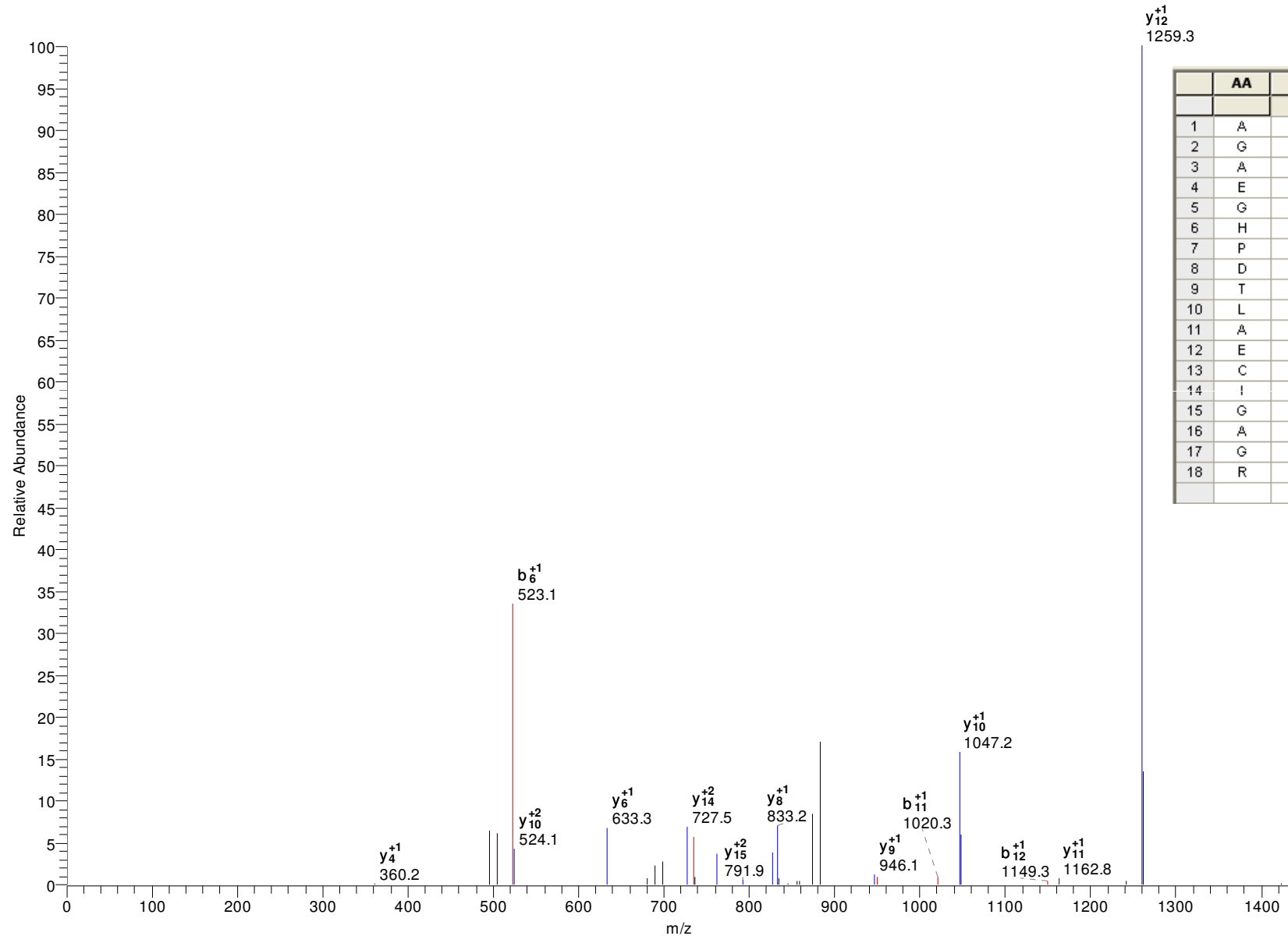
#2158-2158 NL: 1.10E2



	AA	B	Y	
		✓	✓	
1	M	132.05	-	11
2	E	261.09	1153.54	10
3	K	389.19	1024.49	9
4	D	504.21	896.40	8
5	E	633.25	781.37	7
6	A	704.29	652.33	6
7	T	805.34	581.29	5
8	G	862.36	480.25	4
9	E	991.40	423.22	3
10	F	1138.47	294.18	2
11	K	-	147.11	1

gi|70879221|gb|EAN92412.1| hypothetical protein, conserved [Trypanosoma cruzi]
R.AGAEGHPDTLAECIGAGR.T M+H=1781.823608 DeltaM=0.73235 z=2
P(pep)=7.39E-06 Xcorr=2.41 DCn=0.51

#2857-2857 NL: 1.37E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	A	72.04	-	18
2	G	129.07	1710.79	17
3	A	200.10	1653.76	16
4	E	329.15	1582.73	15
5	G	386.17	1453.69	14
6	H	523.23	1396.66	13
7	P	620.28	1259.60	12
8	D	735.31	1162.55	11
9	T	836.35	1047.53	10
10	L	949.44	946.48	9
11	A	1020.47	833.39	8
12	E	1149.52	762.36	7
13	C	1309.55	633.31	6
14	I	1422.63	473.28	5
15	G	1479.65	360.20	4
16	A	1550.69	303.18	3
17	G	1607.71	232.14	2
18	R	-	175.12	1

gi|70881371|gb|EAN94405.1| cytochrome c oxidase subunit V, putative [Trypanosoma cruzi]

R.GAASLLESYR.G

M+H=1179.636841

DeltaM=1.22344

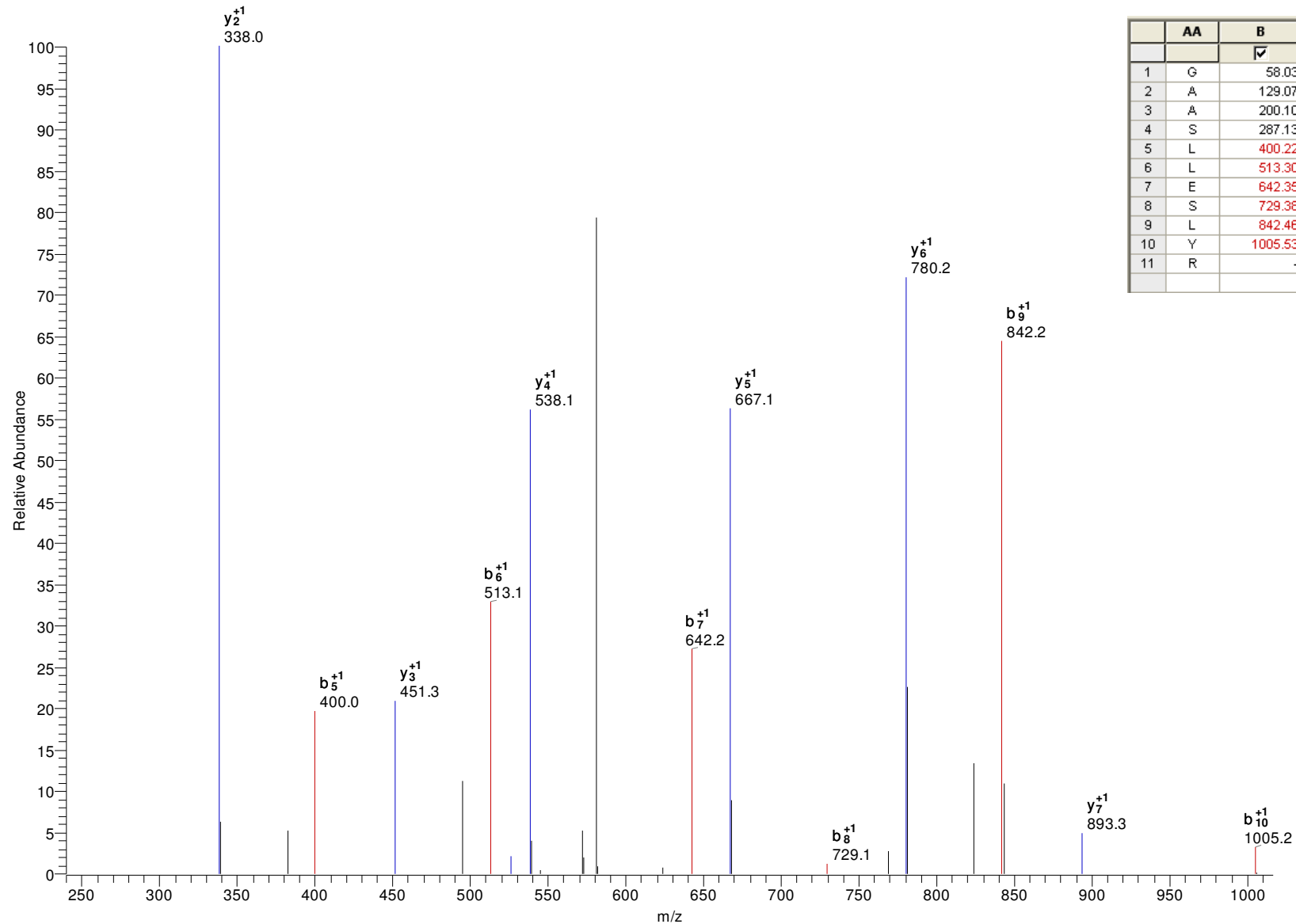
z=2

P(pep)=0.000706255

Xcorr=2.38

DCn=0.30

#5227-5227 NL: 3.69E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	G	58.03	-	11
2	A	129.07	1122.62	10
3	A	200.10	1051.58	9
4	S	287.13	980.54	8
5	L	400.22	893.51	7
6	L	513.30	780.43	6
7	E	642.35	667.34	5
8	S	729.38	538.30	4
9	L	842.46	451.27	3
10	Y	1005.53	338.18	2
11	R	-	175.12	1

gi|70885013|gb|EAN97849.1| enolase, putative [Trypanosoma cruzi]

-.SPEATWVTAK.-

M+H=1089.557495

DeltaM=0.53960

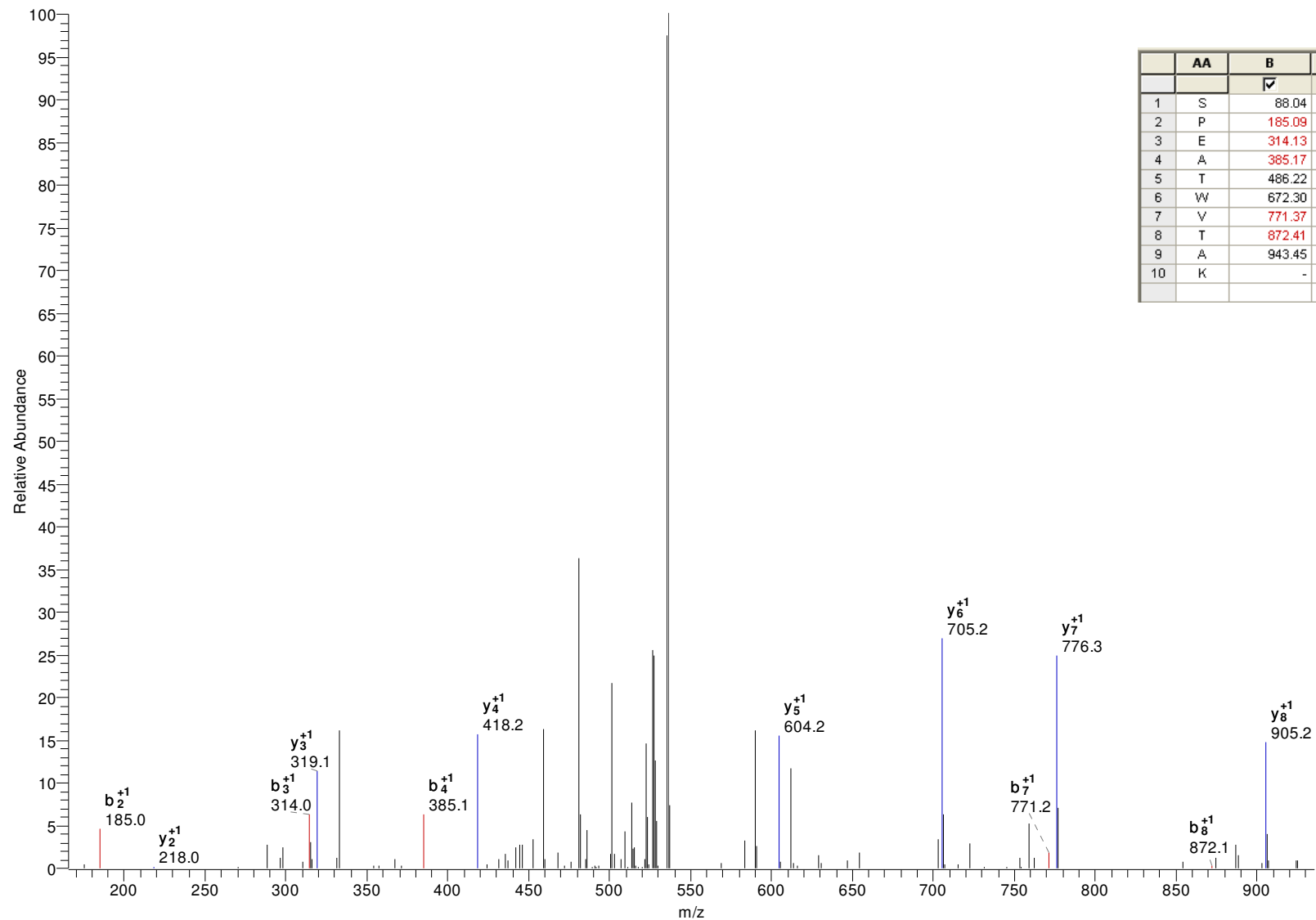
z=2

P(pep)=0.000930932

Xcorr=2.36

DCn=0.17

#2606-2606 NL: 1.51E2



	AA	B	Y	
		✓	✓	
1	S	88.04	-	10
2	P	185.09	1002.53	9
3	E	314.13	905.47	8
4	A	385.17	776.43	7
5	T	486.22	705.39	6
6	W	672.30	604.35	5
7	V	771.37	418.27	4
8	T	872.41	319.20	3
9	A	943.45	218.15	2
10	K	-	147.11	1

gi|70883884|gb|EAN96772.1| hexose transporter, putative [Trypanosoma cruzi]

K.WVYSDEECK.N

M+H=1215.498657

DeltaM=1.23491

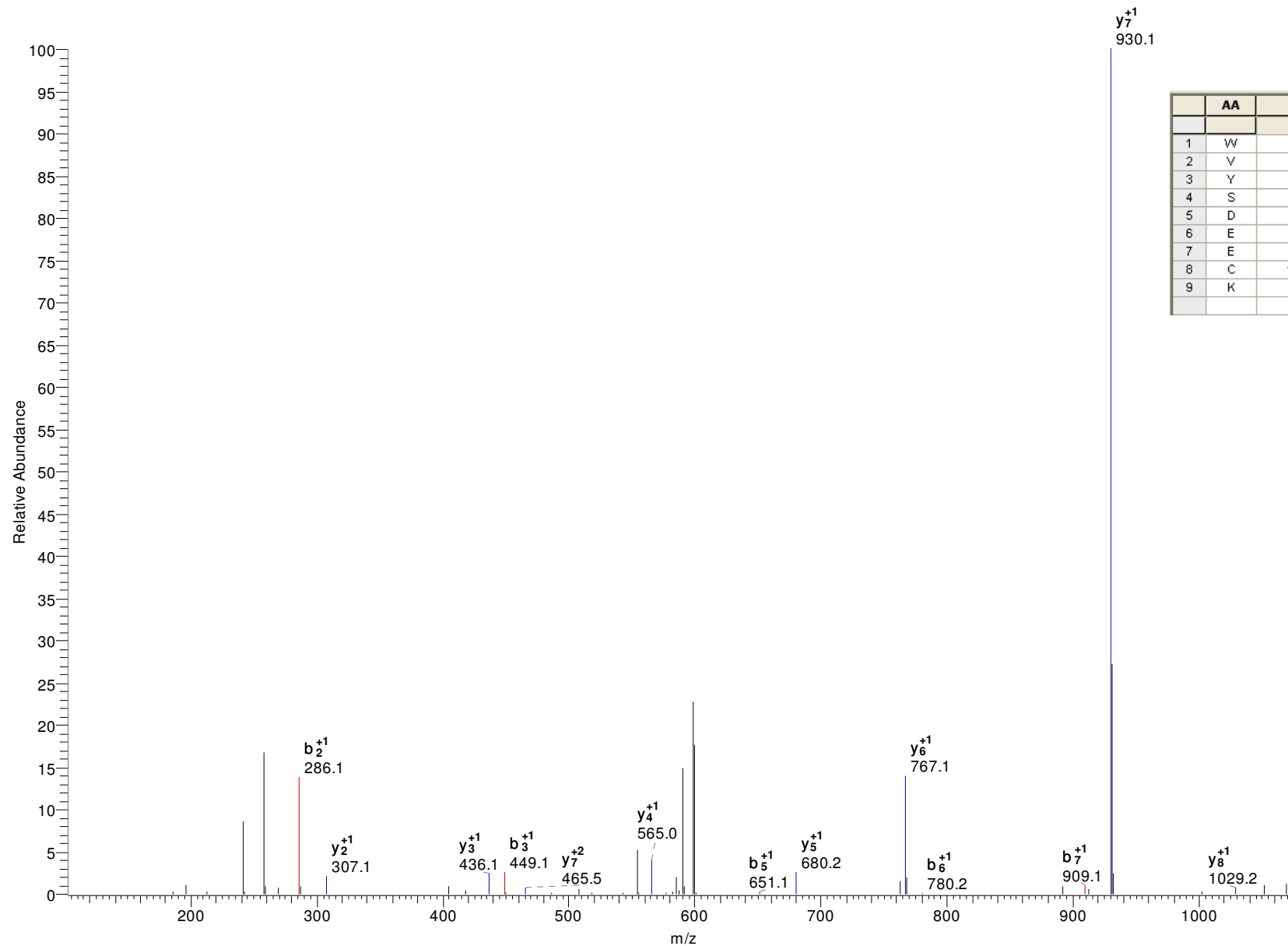
z=2

P(pep)=1.01E-06

Xcorr=2.33

DCn=0.46

#2766-2766 NL: 2.40E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	W	187.09	-	9
2	V	286.16	1029.42	8
3	Y	449.22	930.35	7
4	S	536.25	767.29	6
5	D	651.28	680.26	5
6	E	780.32	565.23	4
7	E	909.36	436.19	3
8	C	1069.39	307.14	2
9	K	-	147.11	1

gi|70883843|gb|EAN96732.1| succinyl-CoA ligase [GDP-forming] beta-chain, putative [Trypanosoma cruzi]

R.TLEEVEAALGK.I

M+H=1159.620483

DeltaM=1.81072

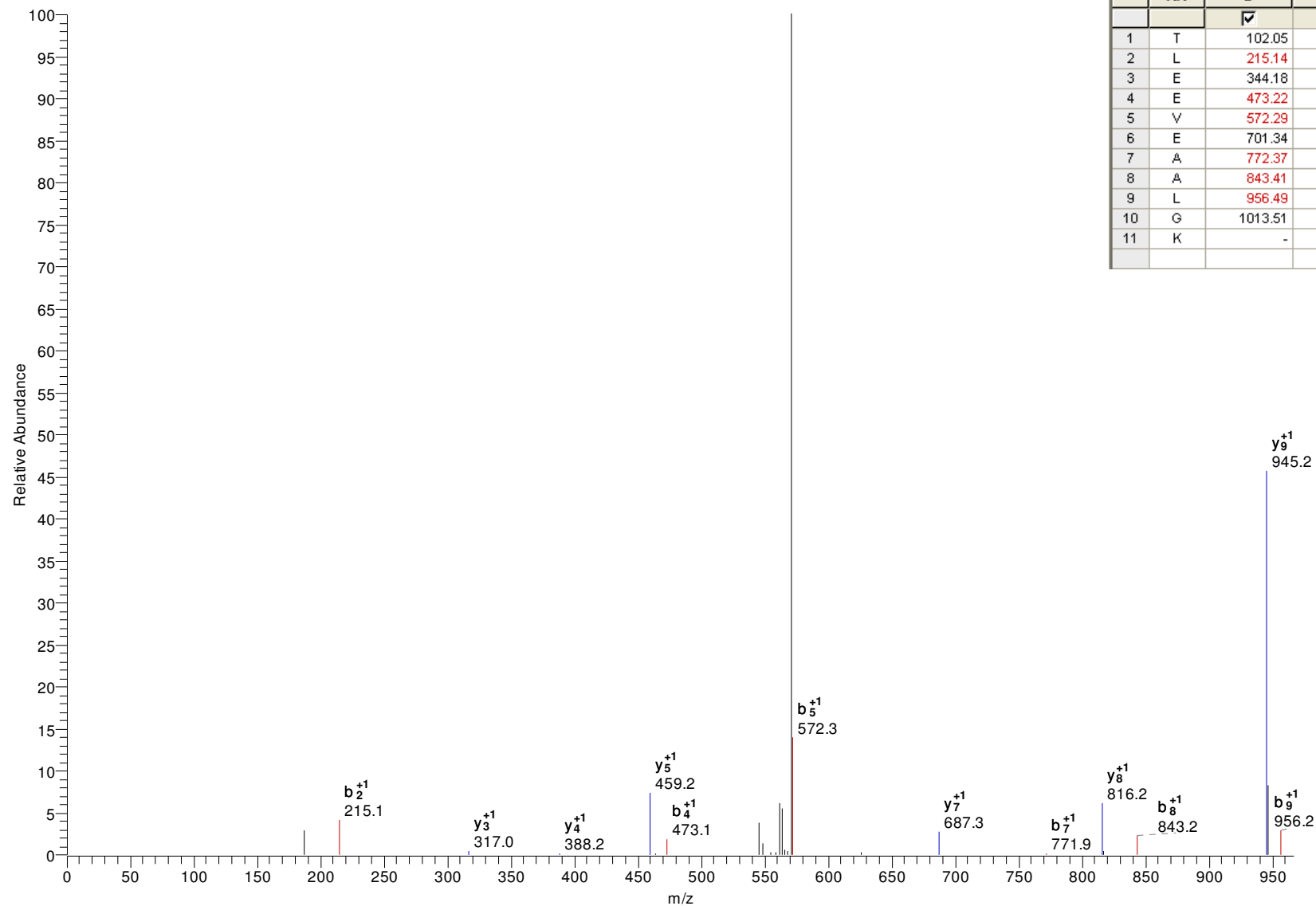
z=2

P(pep)=5.84E-05

Xcorr=2.32

DCn=0.45

#3871-3871 NL: 6.60E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	T	102.05	-	11
2	L	215.14	1058.57	10
3	E	344.18	945.49	9
4	E	473.22	816.45	8
5	V	572.29	687.40	7
6	E	701.34	588.34	6
7	A	772.37	459.29	5
8	A	843.41	388.26	4
9	L	956.49	317.22	3
10	G	1013.51	204.13	2
11	K	-	147.11	1

gi|70874225|gb|EAN87939.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.DYDSAVIDCER.A

M+H=1342.557983

DeltaM=1.35124

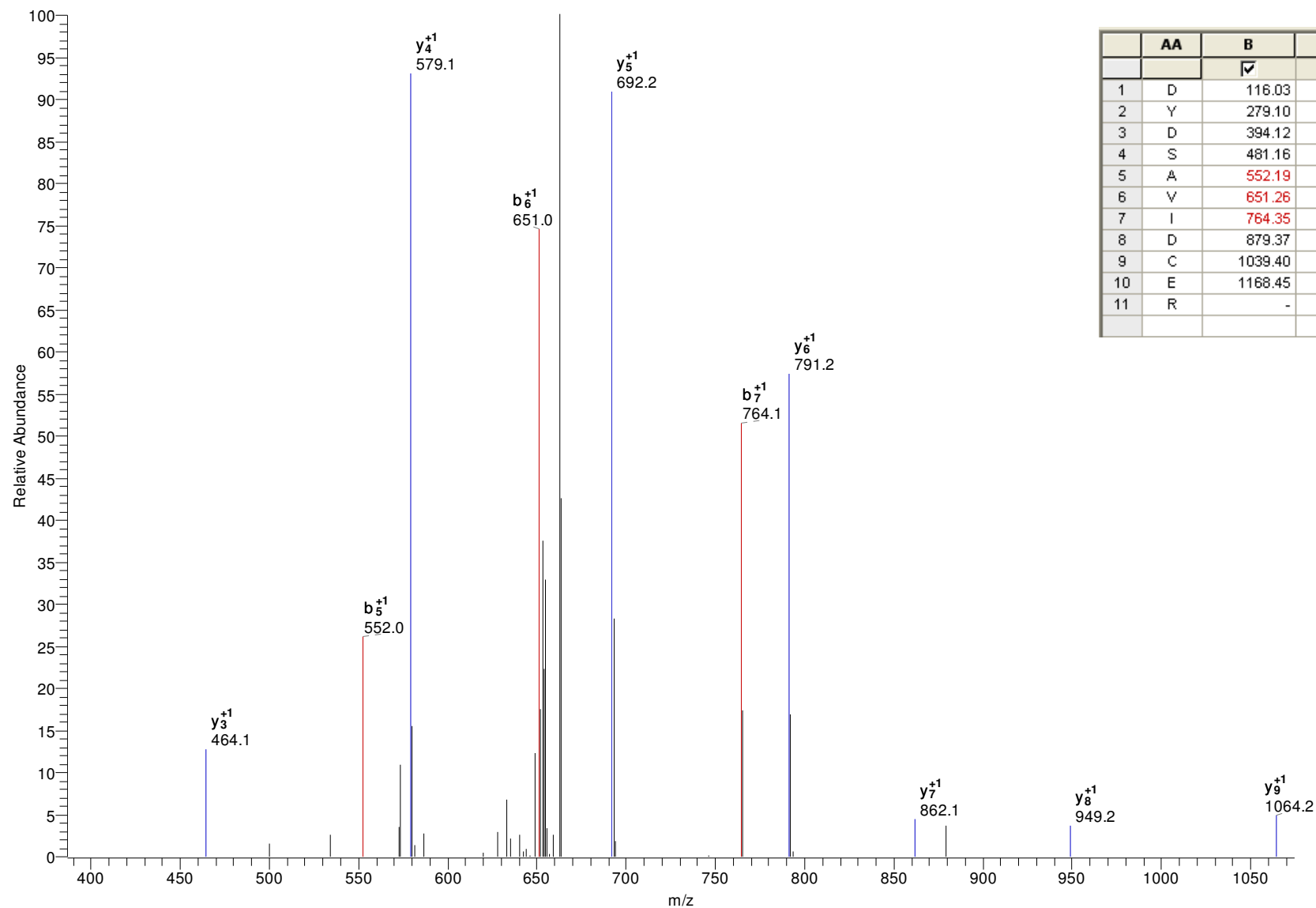
z=2

P(pep)=4.50E-05

Xcorr=2.32E

DCn=0.36

#2663-2663 NL: 5.69E1



	AA	B	Y	
1	D	116.03	-	11
2	Y	279.10	1227.53	10
3	D	394.12	1064.47	9
4	S	481.16	949.44	8
5	A	552.19	862.41	7
6	V	651.26	791.37	6
7	I	764.35	692.30	5
8	D	879.37	579.22	4
9	C	1039.40	464.19	3
10	E	1168.45	304.16	2
11	R	-	175.12	1

gi|70877838|gb|EAN91145.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.YVAENWLPPAGTGPTQSQR.E

M+H=2072.019531

DeltaM=1.77519

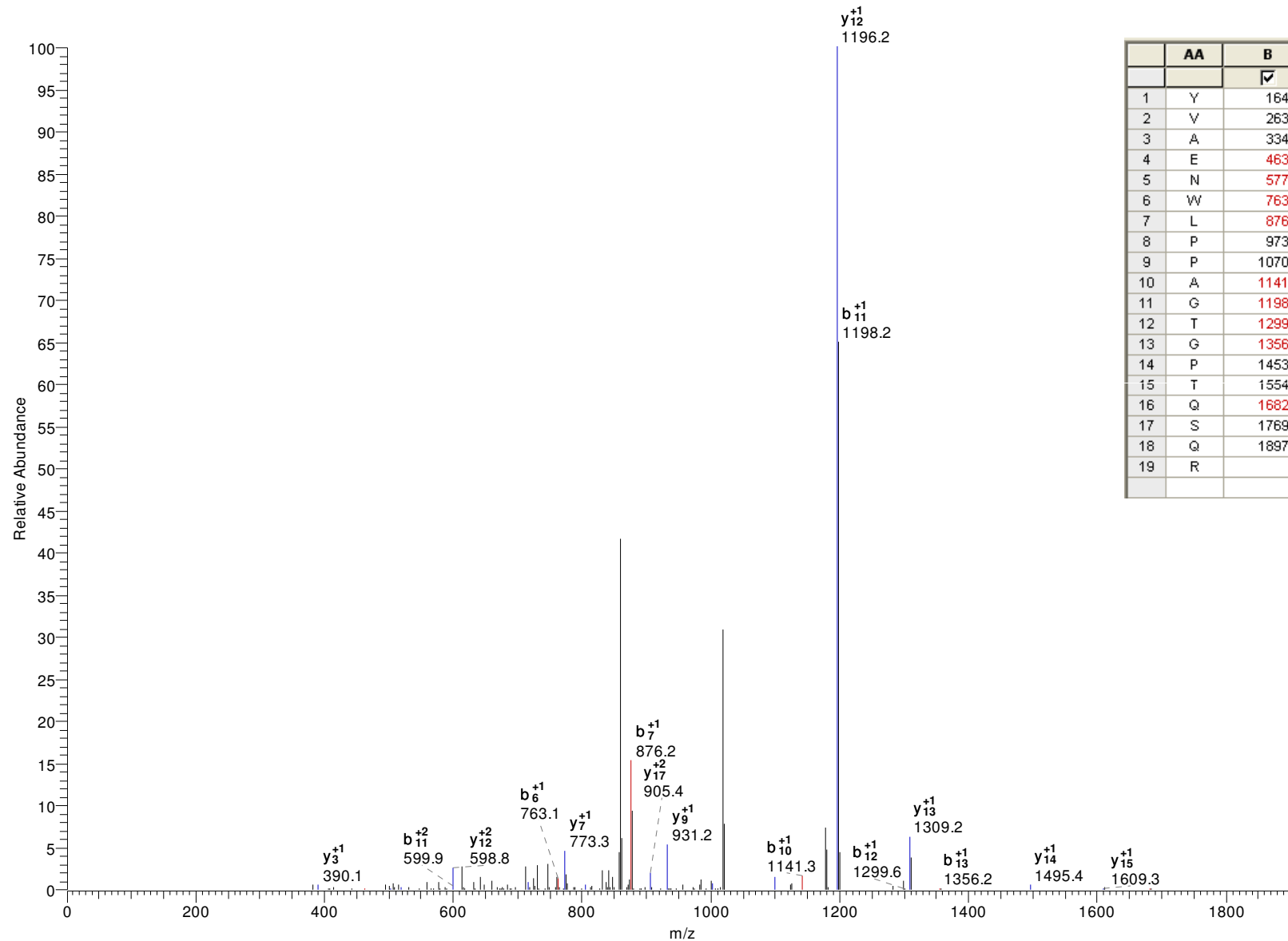
z=2

P(pep)=5.88E-06

Xcorr=2.31

DCn=0.22

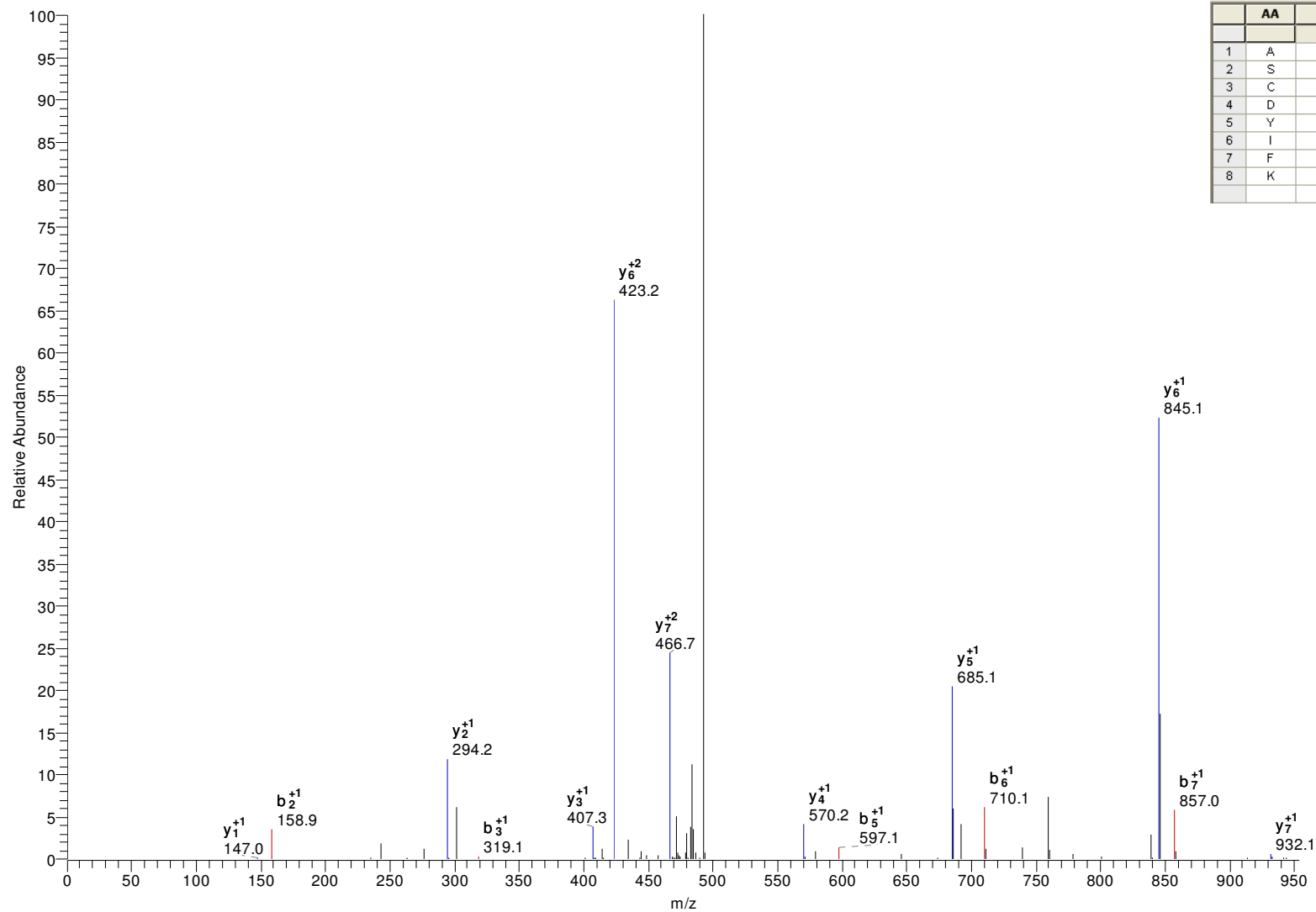
#3938-3938 NL:7.73E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	Y	164.07	-	19
2	V	263.14	1908.96	18
3	A	334.18	1809.89	17
4	E	463.22	1738.85	16
5	N	577.26	1609.81	15
6	W	763.34	1495.77	14
7	L	876.43	1309.69	13
8	P	973.48	1196.60	12
9	P	1070.53	1099.55	11
10	A	1141.57	1002.50	10
11	G	1198.59	931.46	9
12	T	1299.64	874.44	8
13	G	1356.66	773.39	7
14	P	1453.71	716.37	6
15	T	1554.76	619.32	5
16	Q	1682.82	518.27	4
17	S	1769.85	390.21	3
18	Q	1897.91	303.18	2
19	R	-	175.12	1

gi|70880838|gb|EAN93909.1| hypothetical protein, conserved [Trypanosoma cruzi]
R.ASCDYIFK.N M+H=1003.455383 DeltaM=-0.08851 z=2
P(pep)=2.47E-05 Xcorr=2.30 DCn=0.32

#3192-3192 NL: 2.44E2



	AA	B	Y	
		☑	☑	
1	A	72.04	-	8
2	S	159.08	932.42	7
3	C	319.11	845.39	6
4	D	434.13	685.36	5
5	Y	597.20	570.33	4
6	I	710.28	407.27	3
7	F	857.35	294.18	2
8	K	-	147.11	1

gi|3063546|gb|AAC14082.1| TcC31.26 [Trypanosoma cruzi]

R.TFQEGIWAK.Y

M+H=1079.552002

DeltaM=1.58794

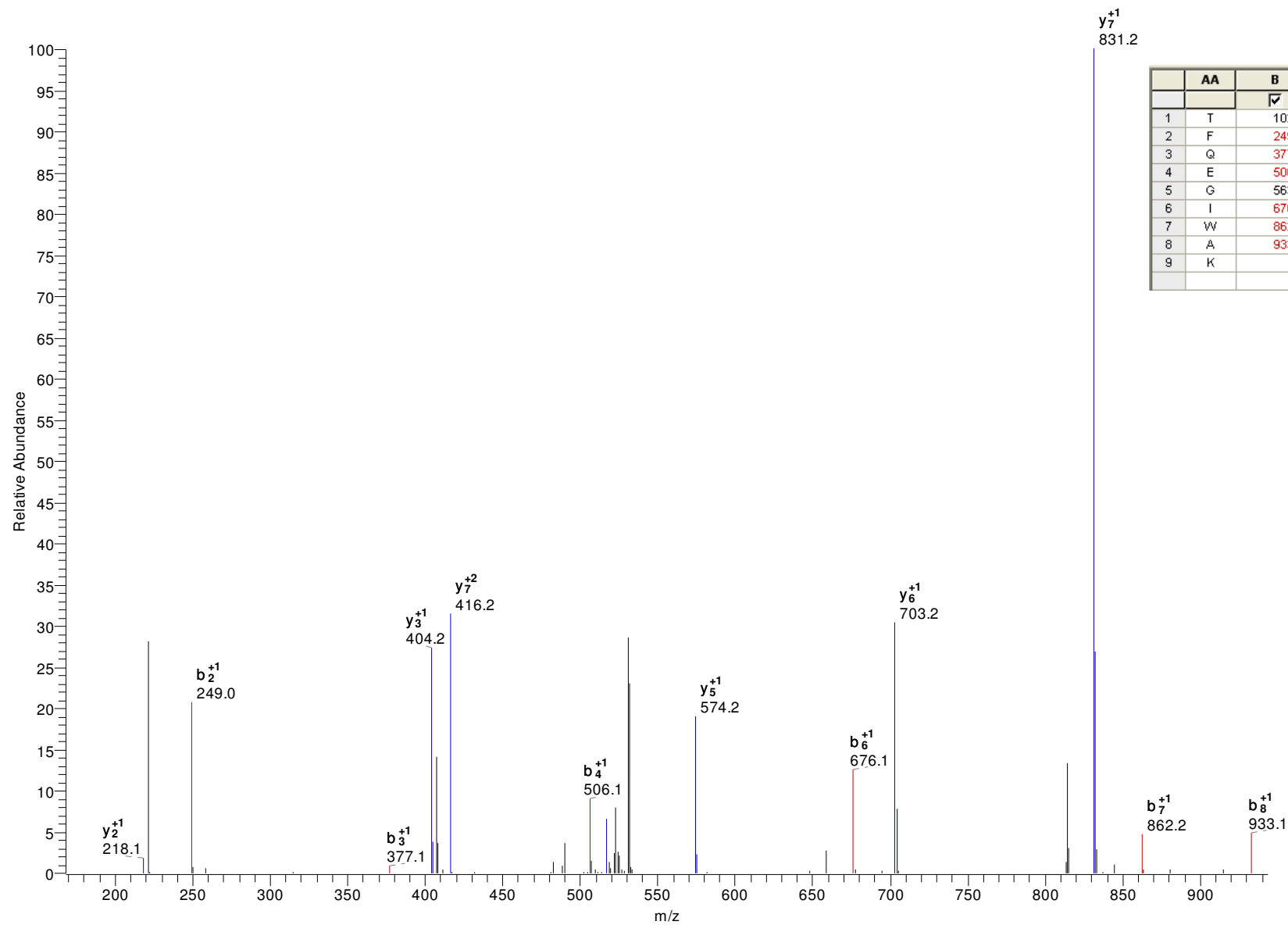
z=2

P(pep)=5.63E-05

Xcorr=2.28

DCn=0.44

#3380-3380 NL: 3.14E2



	AA	B	Y	
		✓	✓	
1	T	102.05	-	9
2	F	249.12	978.50	8
3	Q	377.18	831.44	7
4	E	506.22	703.38	6
5	G	563.25	574.33	5
6	I	676.33	517.31	4
7	W	862.41	404.23	3
8	A	933.45	218.15	2
9	K	-	147.11	1

gi|70883351|gb|EAN96267.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.INEAYAGFFSR.E

M+H=1274.616455

DeltaM=1.00640

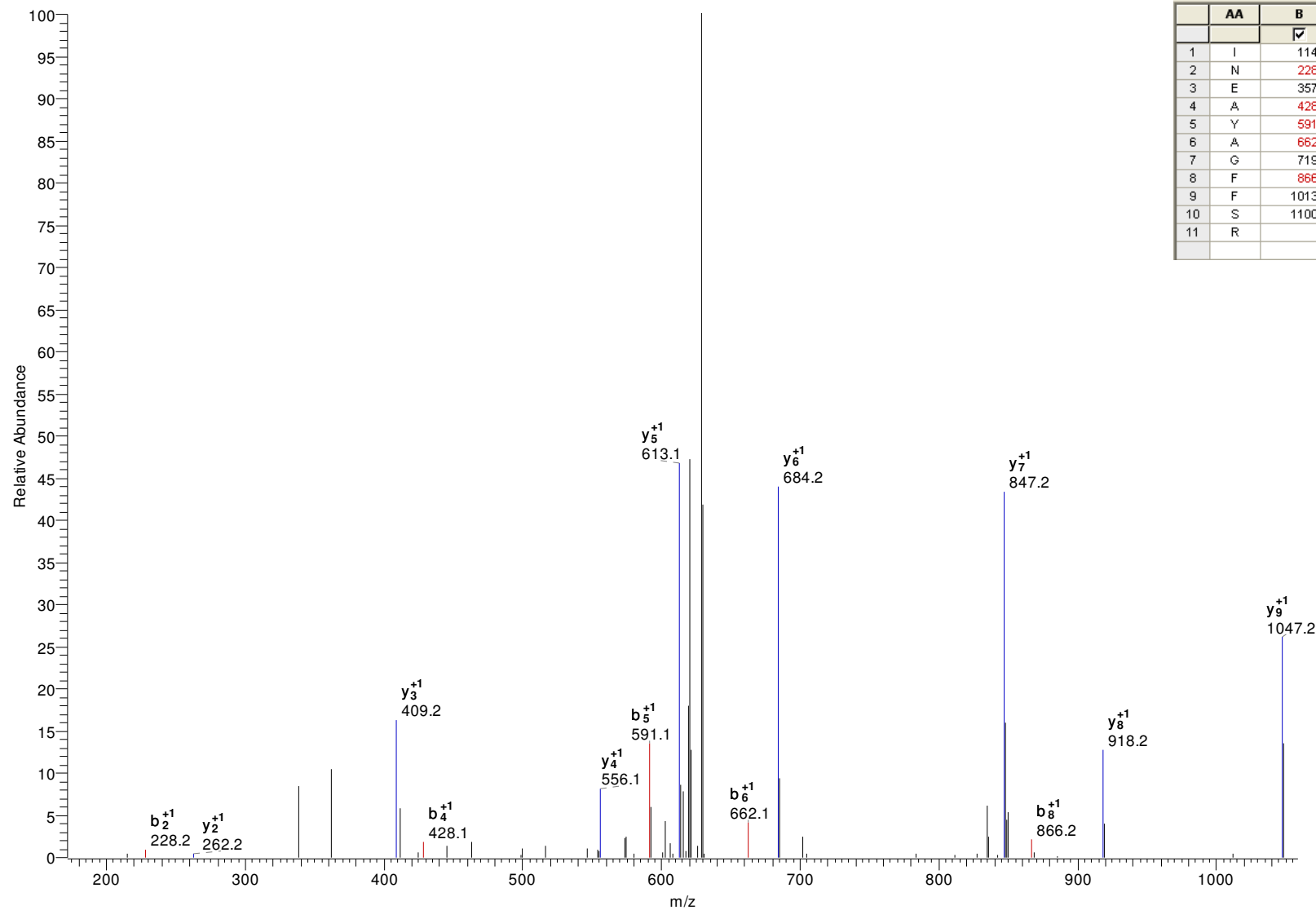
z=2

P(pep)=8.40E-06

Xcorr=2.26

DCn=0.35

#4088-4088 NL: 6.05E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	I	114.09	-	11
2	N	228.13	1161.53	10
3	E	357.18	1047.49	9
4	A	428.21	918.45	8
5	Y	591.28	847.41	7
6	A	662.31	684.35	6
7	G	719.34	613.31	5
8	F	866.40	556.29	4
9	F	1013.47	409.22	3
10	S	1100.50	262.15	2
11	R	-	175.12	1

gi|70887519|gb|EAO00275.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.DWVFTDSQSCFLDR.D

M+H=1775.769409

DeltaM=0.20036

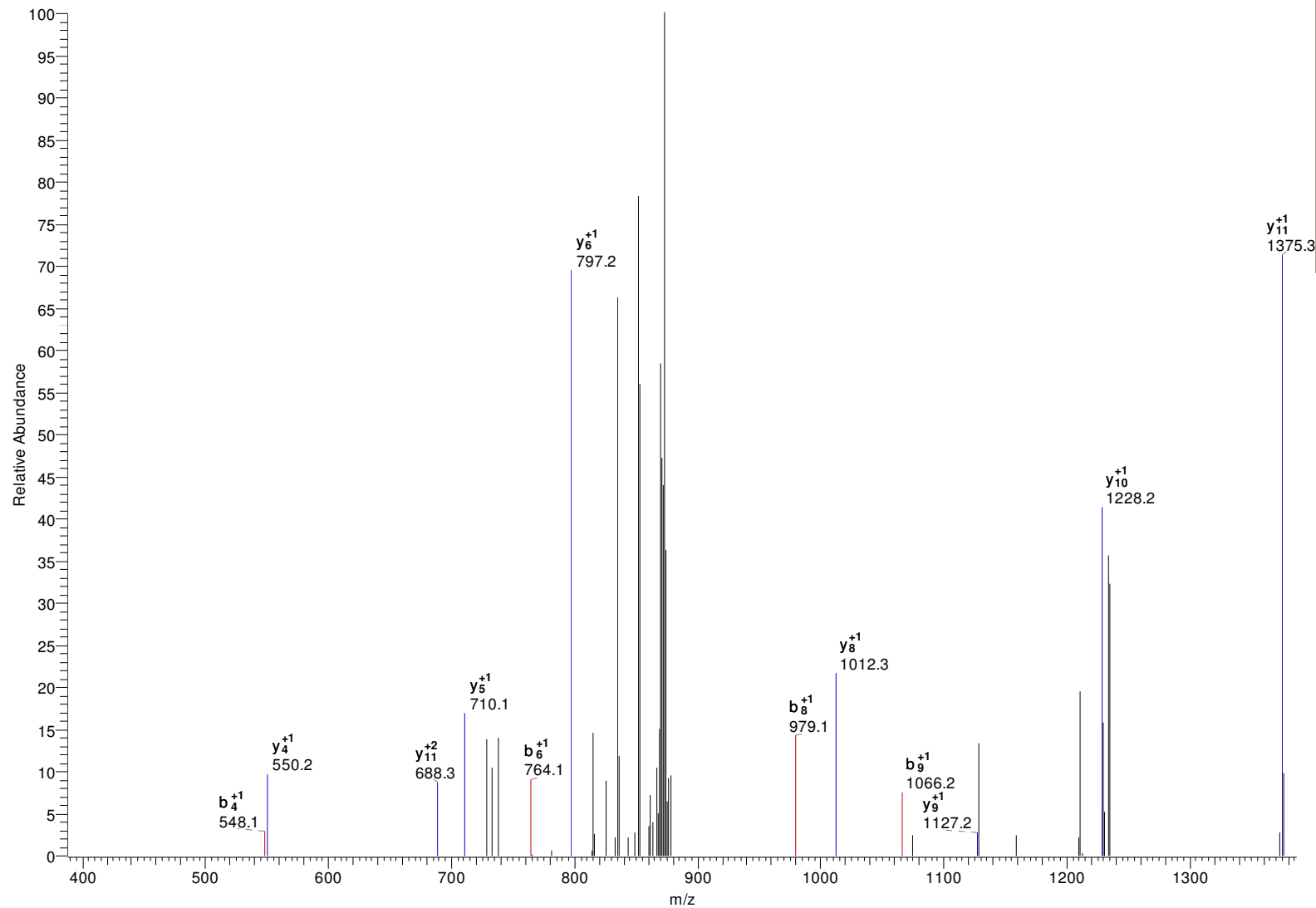
z=2

P(pep)=2.80E-06

Xcorr=2.25

DCn=0.34

#4892-4892 NL: 1.67E1



	AA	B	Y	
1	D	116.03	-	14
2	W	302.11	1660.74	13
3	V	401.18	1474.66	12
4	F	548.25	1375.59	11
5	T	649.30	1228.53	10
6	D	764.32	1127.48	9
7	S	851.36	1012.45	8
8	Q	979.42	925.42	7
9	S	1066.45	797.36	6
10	C	1226.48	710.33	5
11	F	1373.55	550.30	4
12	L	1486.63	403.23	3
13	D	1601.66	290.15	2
14	R	-	175.12	1

gi|70878778|gb|EAN92004.1| 40S ribosomal protein S12, putative [Trypanosoma cruzi]

R.ALEFLLSHLR.-

M+H=1198.694214

Delta=0.36370

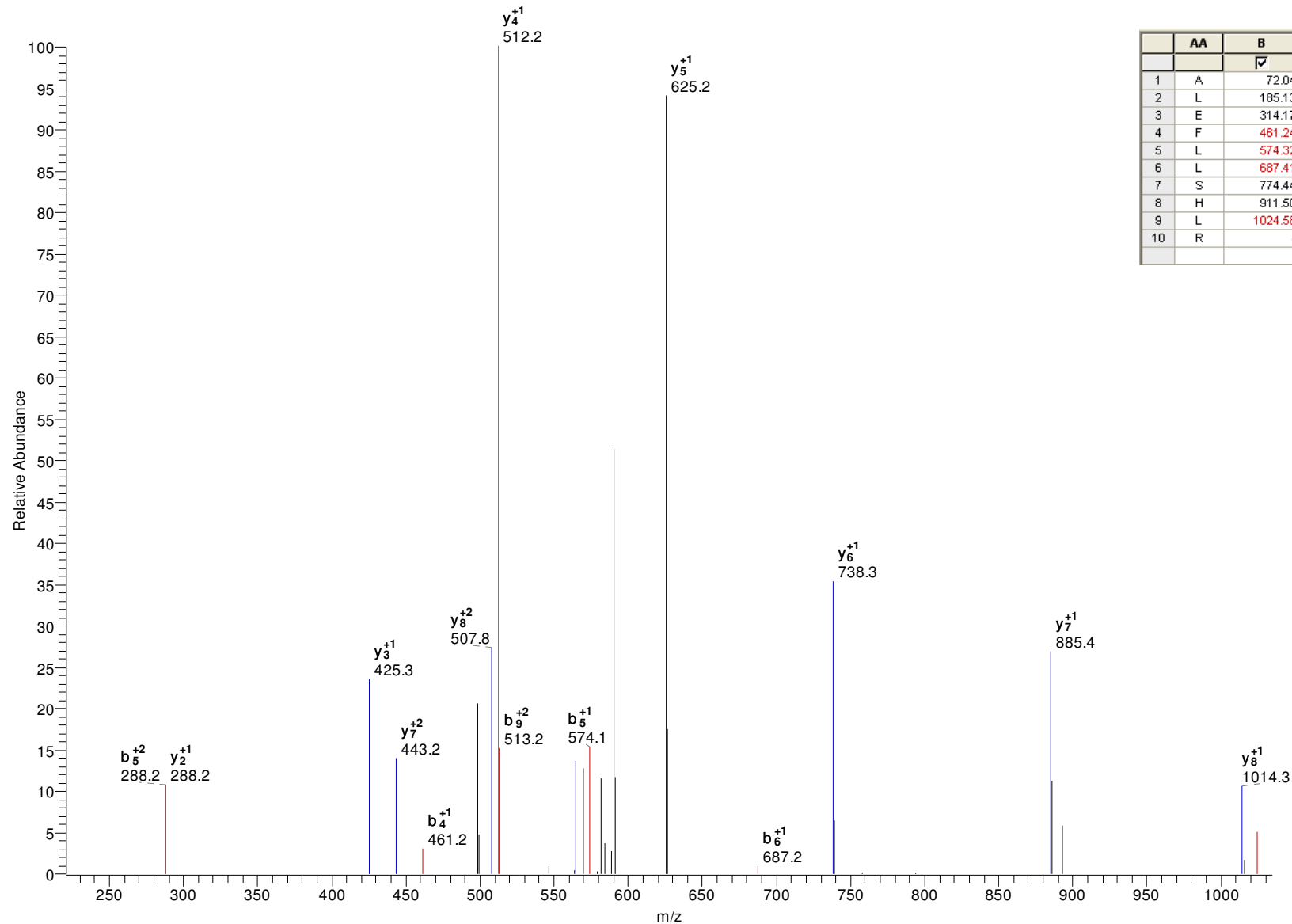
z=2

P(pep)=1.32E-06

Xcorr=2.22

DCn=0.45

#5788-5788 NL: 3.75E1



	AA	B	Y	
1	A	72.04	-	10
2	L	185.13	1127.66	9
3	E	314.17	1014.57	8
4	F	461.24	885.53	7
5	L	574.32	738.46	6
6	L	687.41	625.38	5
7	S	774.44	512.29	4
8	H	911.50	425.26	3
9	L	1024.58	288.20	2
10	R	-	175.12	1

gi|70874162|gb|EAN87884.1| ras-related protein rab-2a, putative [Trypanosoma cruzi]

K.TAQNVDDAFMK.T

M+H=1239.567383

DeltaM=0.98711

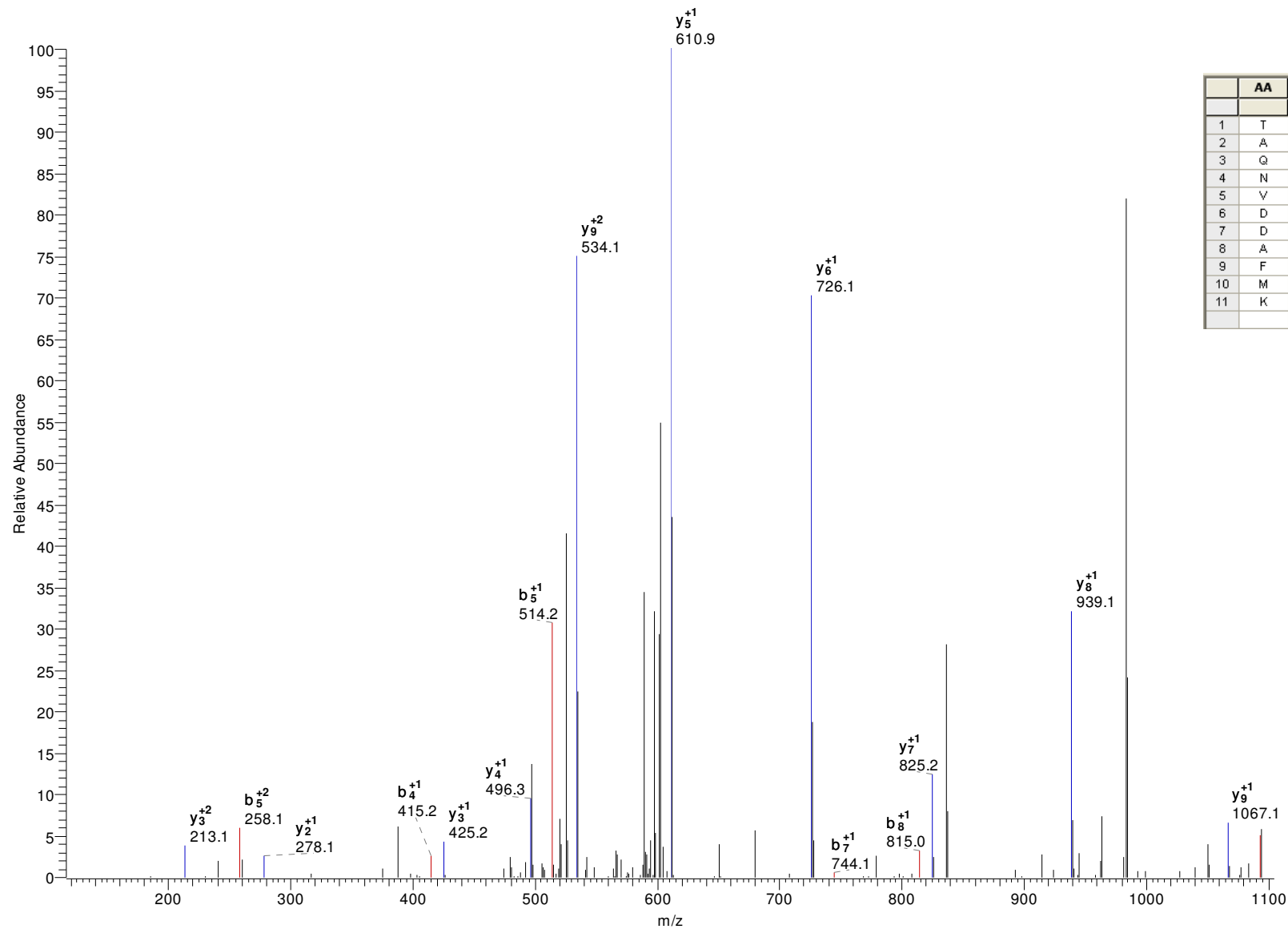
z=2

P(pep)=7.30E-05

Xcorr=2.21

DCn=0.41

#2720-2720 NL: 1.21E2



	AA	B	Y	
1	T	102.05	-	11
2	A	173.09	1138.52	10
3	Q	301.15	1067.48	9
4	N	415.19	939.42	8
5	V	514.26	825.38	7
6	D	629.29	726.31	6
7	D	744.32	611.29	5
8	A	815.35	496.26	4
9	F	962.42	425.22	3
10	M	1093.46	278.15	2
11	K	-	147.11	1

gi|70870671|gb|EAN84965.1| DnaJ chaperone protein, putative [Trypanosoma cruzi]

R.YTFSQGDAFNIFR.S

M+H=1565.738281

DeltaM=1.54558

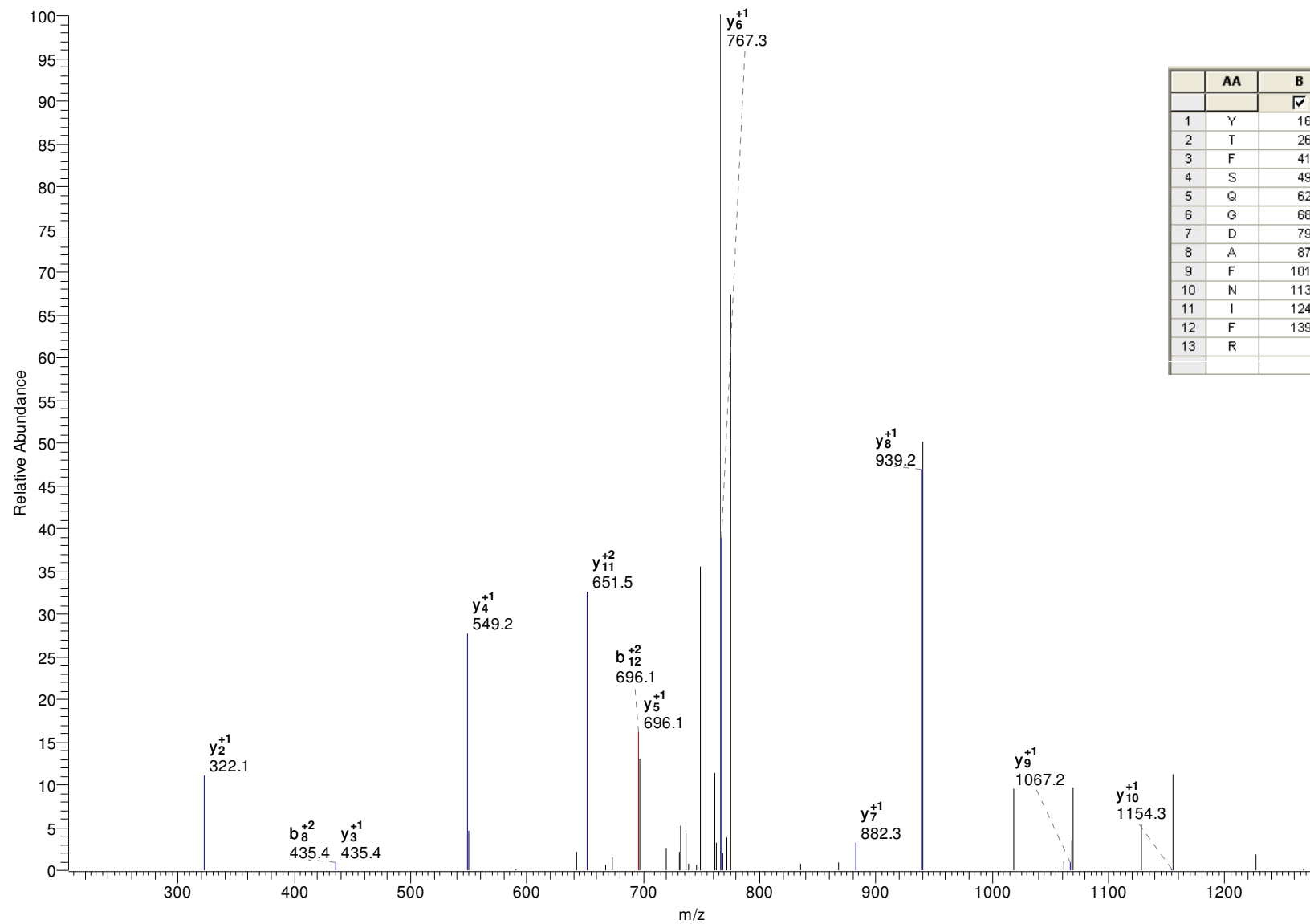
z=2

P(pep)=1.43E-07

Xcorr=2.21

DCn=0.39

#5551-5551 NL:2.28E1



	AA	B	Y	
		☑	☑	
1	Y	164.07	-	13
2	T	265.12	1402.67	12
3	F	412.19	1301.63	11
4	S	499.22	1154.56	10
5	Q	627.28	1067.53	9
6	G	684.30	939.47	8
7	D	799.33	882.45	7
8	A	870.36	767.42	6
9	F	1017.43	696.38	5
10	N	1131.47	549.31	4
11	I	1244.56	435.27	3
12	F	1391.63	322.19	2
13	R	-	175.12	1

gi|70881221|gb|EAN94265.1| hypothetical protein, conserved [Trypanosoma cruzi]

K.LPDCDVVANNR.N

M+H=1272.600098

DeltaM=0.45671

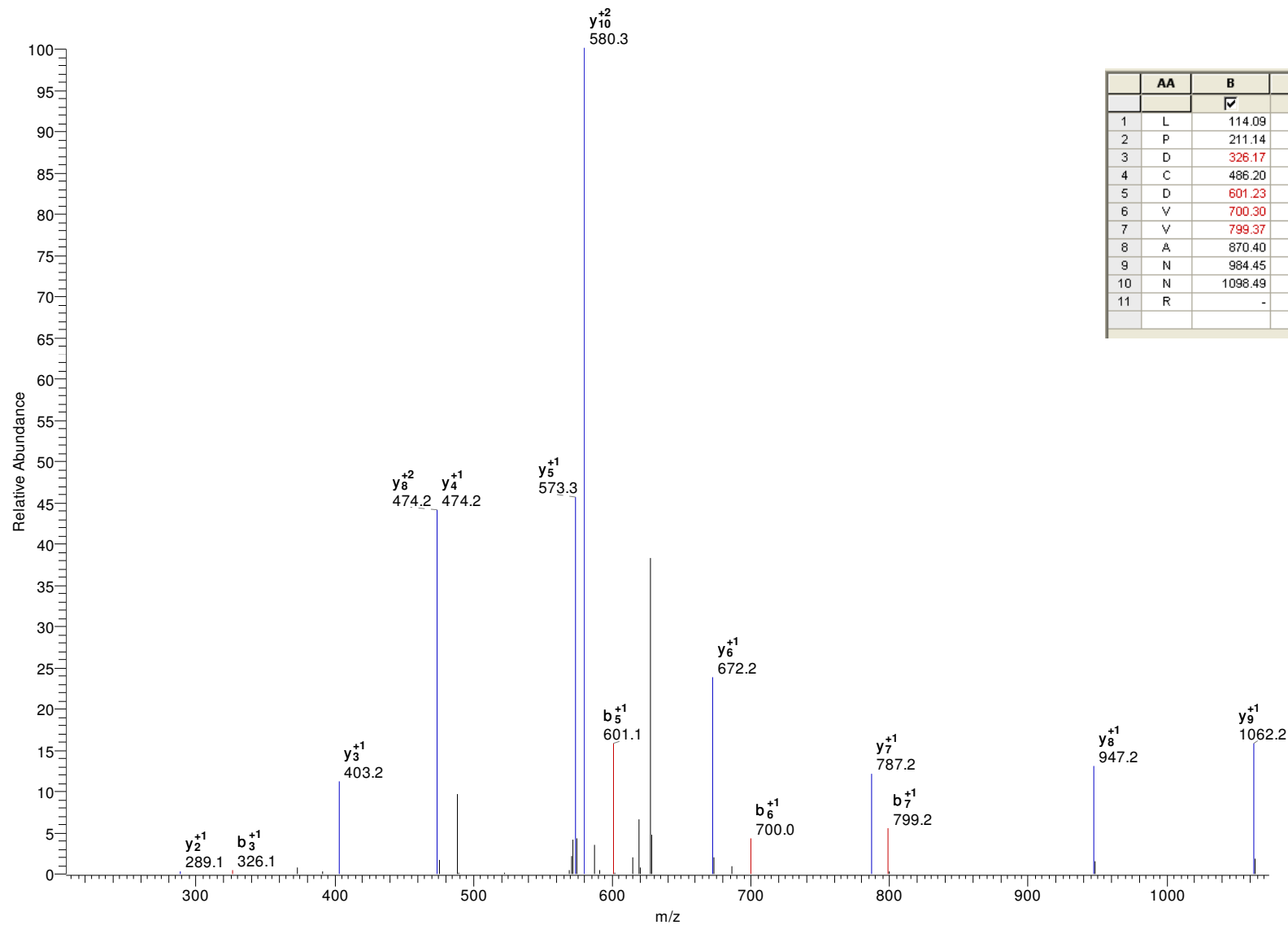
z=2

P(pep)=2.24E-05

Xcorr=2.21

DCn=0.45

#2253-2253 NL: 1.62E2



	AA	B	Y	
		✓	✓	
1	L	114.09	-	11
2	P	211.14	1159.52	10
3	D	326.17	1062.46	9
4	C	486.20	947.44	8
5	D	601.23	787.41	7
6	V	700.30	672.38	6
7	V	799.37	573.31	5
8	A	870.40	474.24	4
9	N	984.45	403.20	3
10	N	1098.49	289.16	2
11	R	-	175.12	1

gi|70871028|gb|EAN85254.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.IGSETYGGWPVK.L

M+H=1576.779419

DeltaM=1.21086

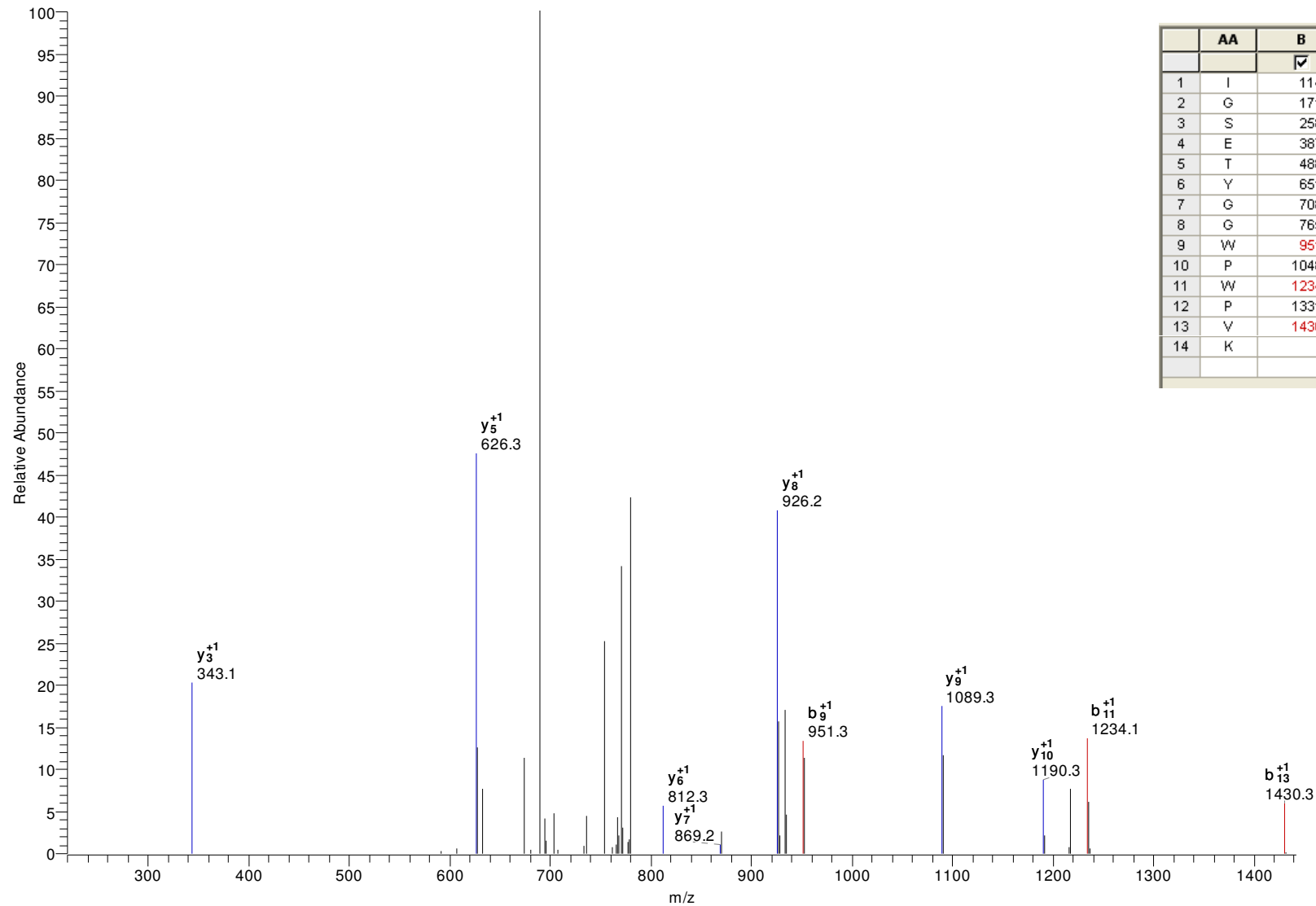
z=2

P(pep)=4.77E-05

Xcorr=2.19

DCn=0.44

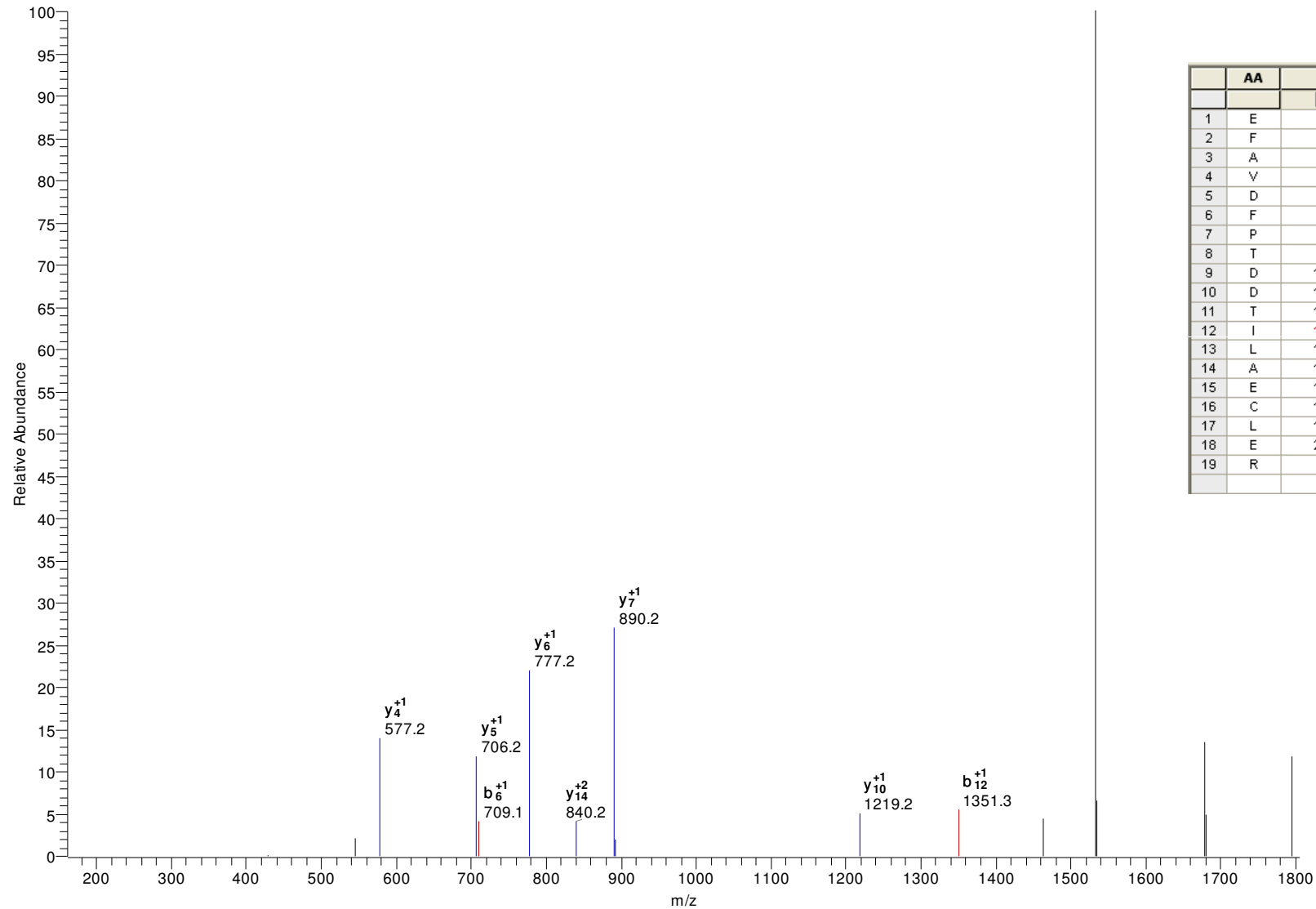
#4976-4976 NL: 4.32E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	I	114.09	-	14
2	G	171.11	1463.70	13
3	S	258.14	1406.67	12
4	E	387.19	1319.64	11
5	T	488.24	1190.60	10
6	Y	651.30	1089.55	9
7	G	708.32	926.49	8
8	G	765.34	869.47	7
9	W	951.42	812.45	6
10	P	1048.47	626.37	5
11	W	1234.55	529.31	4
12	P	1331.61	343.23	3
13	V	1430.67	246.18	2
14	K	-	147.11	1

gi|70881841|gb|EAN94845.1| calpain cysteine peptidase, putative [Trypanosoma cruzi]
K.EFAVDFPTDDTILAECLER.D M+H=2241.038086 DeltaM=1.02934 z=2
P(pep)=0.000196705 Xcorr=2.14 DCn=0.49

#5736-5736 NL: 3.04E1



	AA	B	Y	
		✓	✓	
1	E	130.05	-	19
2	F	277.12	2112.00	18
3	A	348.16	1964.93	17
4	V	447.22	1893.89	16
5	D	562.25	1794.82	15
6	F	709.32	1679.79	14
7	P	806.37	1532.73	13
8	T	907.42	1435.67	12
9	D	1022.45	1334.63	11
10	D	1137.47	1219.60	10
11	T	1238.52	1104.57	9
12	I	1351.61	1003.52	8
13	L	1464.69	890.44	7
14	A	1535.73	777.36	6
15	E	1664.77	706.32	5
16	C	1824.80	577.28	4
17	L	1937.88	417.25	3
18	E	2066.93	304.16	2
19	R	-	175.12	1

gi|70886966|gb|EAN99732.1| hypothetical protein Tc00.1047053506925.360 [Trypanosoma cruzi]

K.EAYLAANNGLPGVK.G

M+H=1473.769653

DeltaM=0.92778

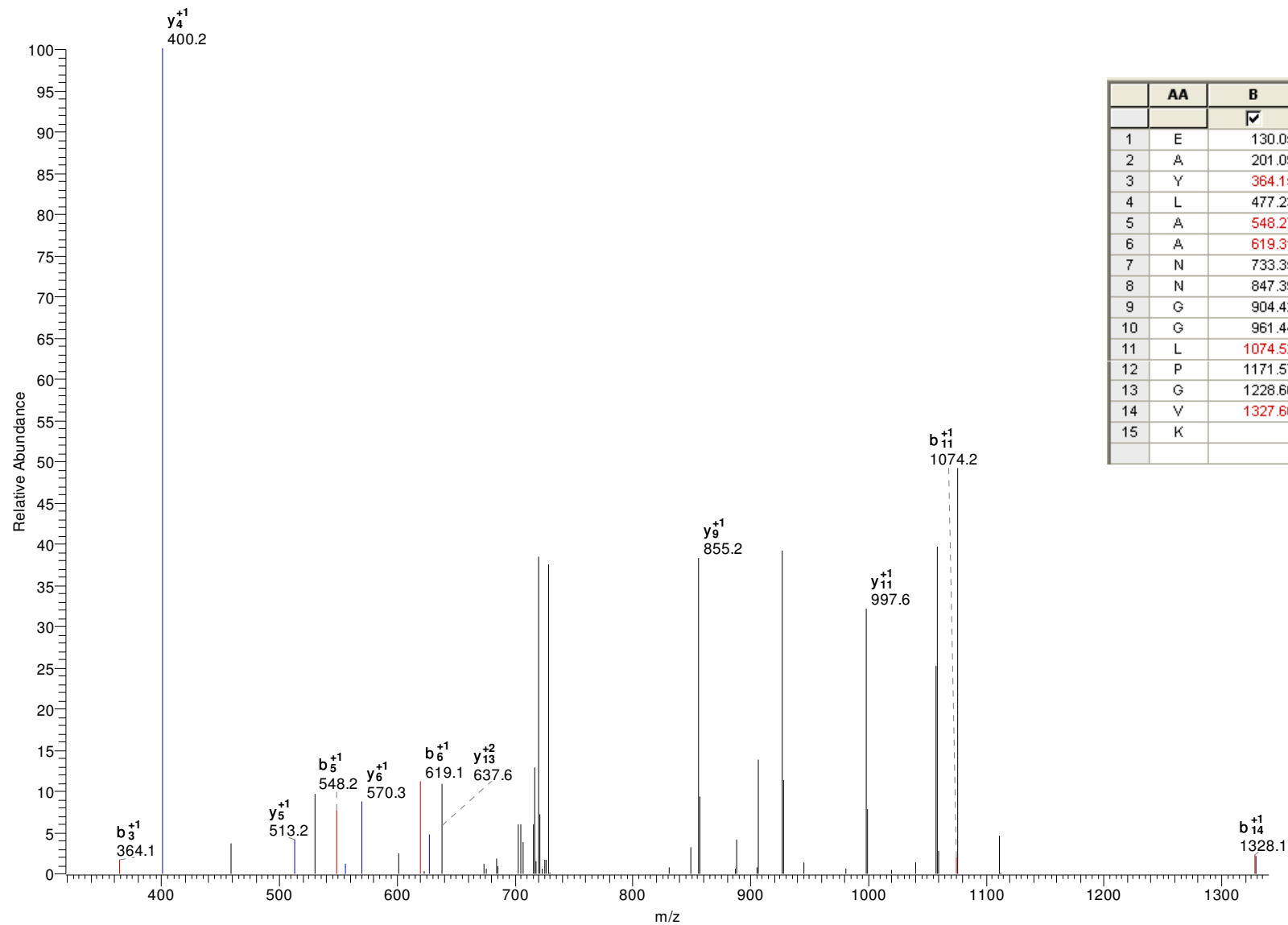
z=2

P(pep)=0.000511411

Xcorr=2.12

DCn=0.12

#3071-3071 NL: 6.46E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	E	130.05	-	15
2	A	201.09	1344.73	14
3	Y	364.15	1273.69	13
4	L	477.23	1110.63	12
5	A	548.27	997.54	11
6	A	619.31	926.51	10
7	N	733.35	855.47	9
8	N	847.39	741.43	8
9	G	904.42	627.36	7
10	G	961.44	570.36	6
11	L	1074.52	513.34	5
12	P	1171.57	400.26	4
13	G	1228.60	303.20	3
14	V	1327.66	246.18	2
15	K	-	147.11	1

gi|70877464|gb|EAN90805.1| cation transporter, putative [Trypanosoma cruzi]

R.LSPFLFVLGK.C

M+H=1120.676514

DeltaM=1.60381

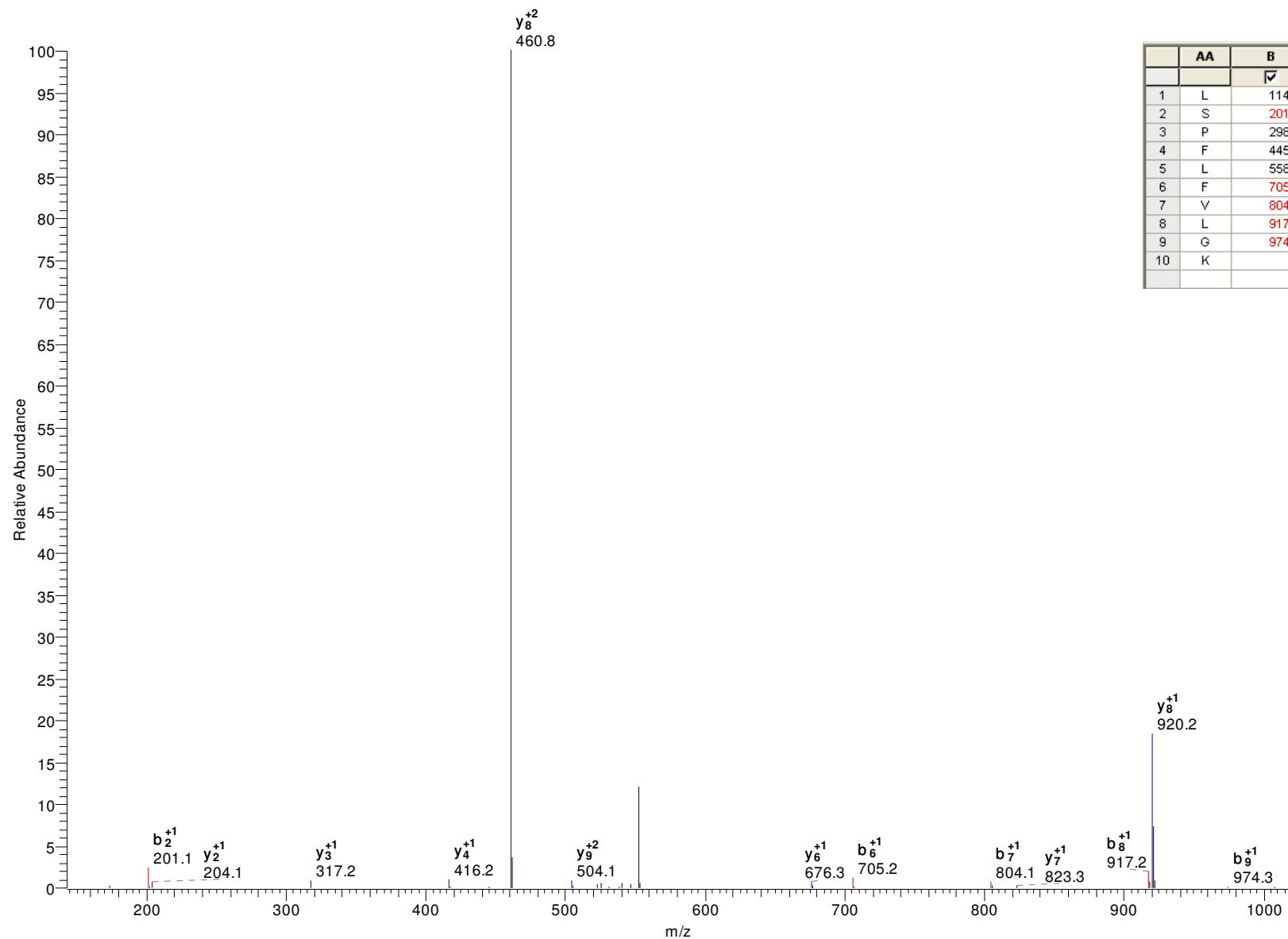
z=2

P(pep)=0.000130972

Xcorr=2.11

DCn=0.33

#6609-6609 NL: 1.22E3

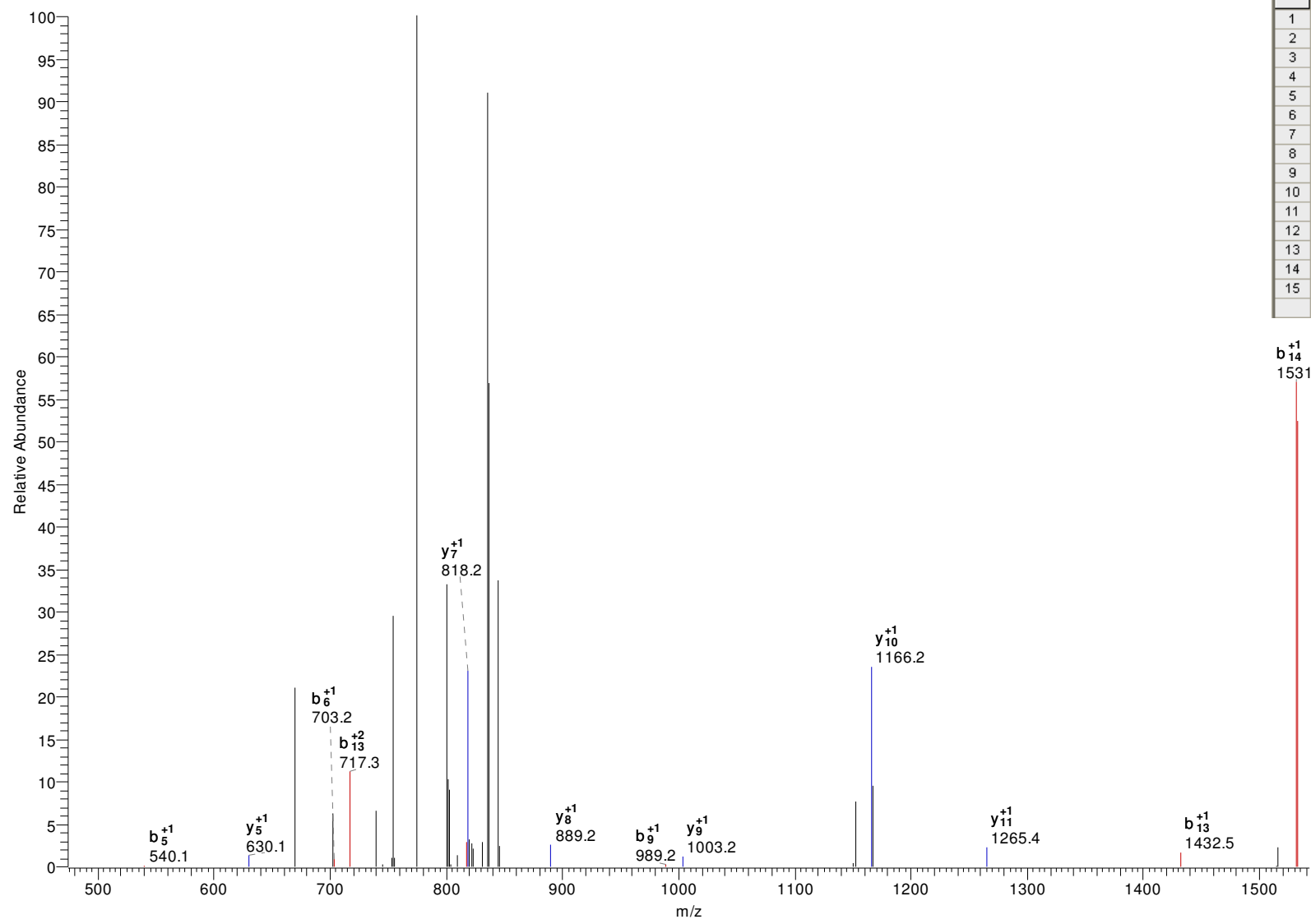


	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	L	114.09	-	10
2	S	201.12	1007.59	9
3	P	298.18	920.56	8
4	F	445.24	823.51	7
5	L	558.33	676.44	6
6	F	705.40	563.36	5
7	V	804.47	416.29	4
8	L	917.55	317.22	3
9	G	974.57	204.13	2
10	K	-	147.11	1

gi|70883150|gb|EAN96077.1| 40S ribosomal protein S8, putative [Trypanosoma cruzi]
 R.ILDVVYNATSNELVR.T M+H=1705.911865 DeltaM=0.76457
 P(pep)=3.80E-05 Xcorr=2.10 DCn=0.46

z=2

#4489-4489 NL: 3.36E1



	AA	B	Y	
		✓	✓	
1	I	114.09	-	15
2	L	227.18	1592.83	14
3	D	342.20	1479.74	13
4	V	441.27	1364.72	12
5	V	540.34	1265.65	11
6	Y	703.40	1166.58	10
7	N	817.45	1003.52	9
8	A	886.48	889.47	8
9	T	989.53	818.44	7
10	S	1076.56	717.39	6
11	N	1190.61	630.36	5
12	E	1319.65	516.31	4
13	L	1432.73	387.27	3
14	V	1531.80	274.19	2
15	R	-	175.12	1

gi|70881384|gb|EAN94418.1| hypothetical protein, conserved [Trypanosoma cruzi]

R.EYLETFVAEVVR.Q

M+H=1454.752563

DeltaM=1.86943

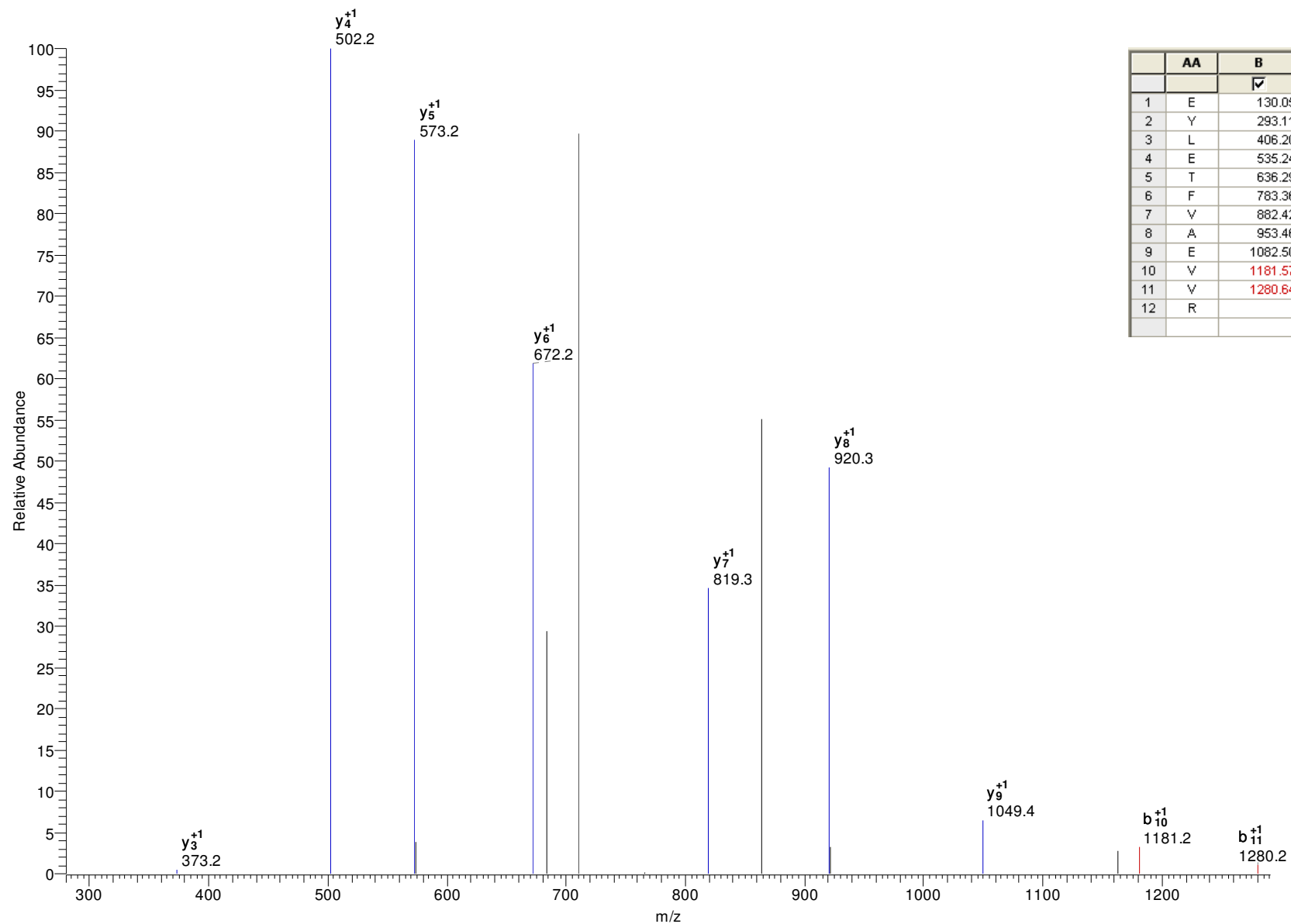
z=2

P(pep)=1.10E-06

Xcorr=2.09

DCn=0.40

#6110-6110 NL: 1.12E1



	AA	B	Y	
		✓	✓	
1	E	130.05	-	12
2	Y	293.11	1325.71	11
3	L	406.20	1162.65	10
4	E	535.24	1049.58	9
5	T	636.29	920.52	8
6	F	783.36	819.47	7
7	V	882.42	672.40	6
8	A	953.46	573.34	5
9	E	1082.50	502.30	4
10	V	1181.57	373.26	3
11	V	1280.64	274.19	2
12	R	-	175.12	1

gi|70867546|gb|EAN82674.1| hypothetical protein, conserved [Trypanosoma cruzi]

-.NELAGGPFGGQFTFLK.-

M+H=1682.853638

DeltaM=1.28594

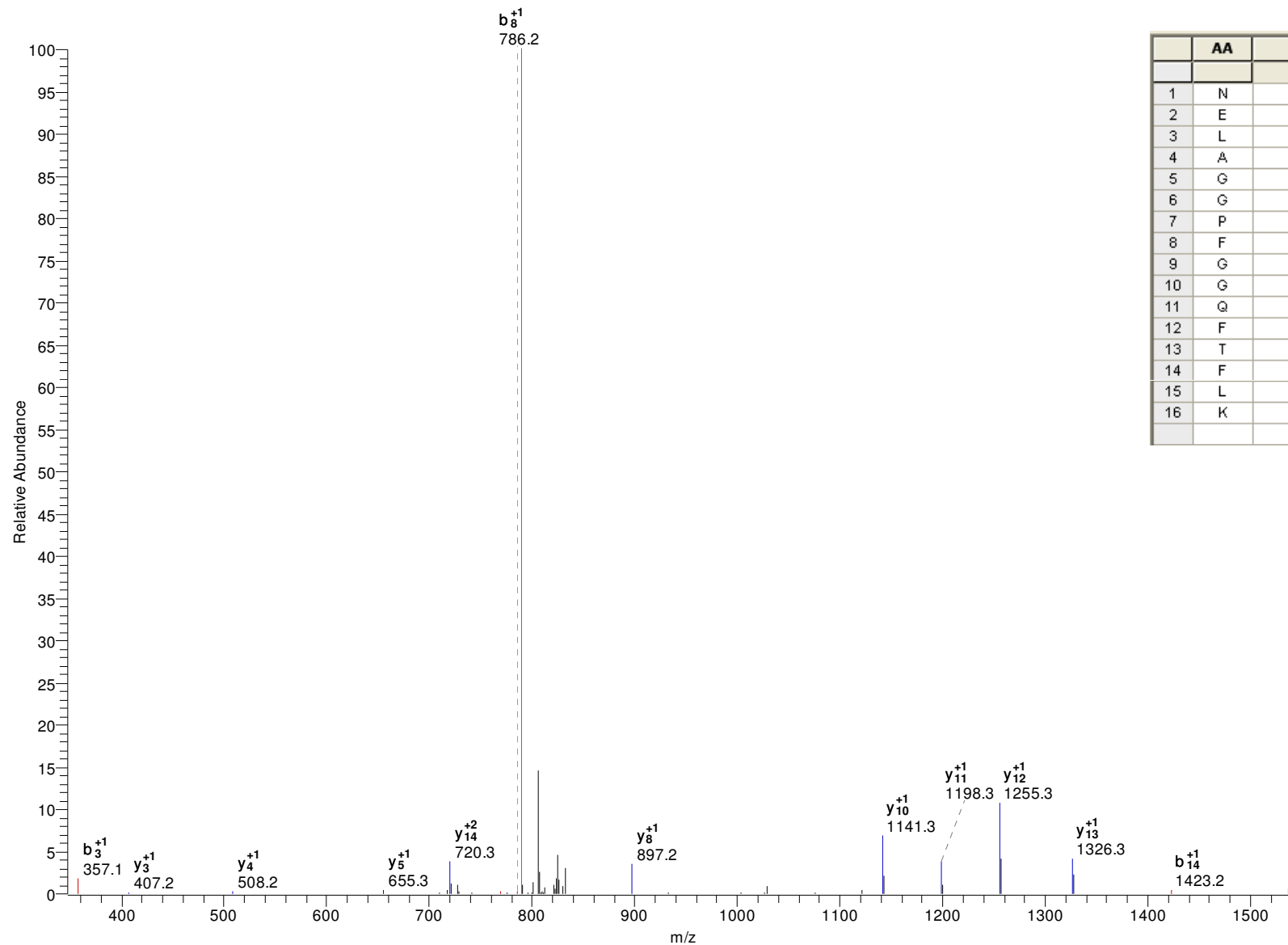
z=2

P(pep)=9.87E-07

Xcorr=2.08

DCn=0.27

#5410-5410 NL: 1.79E2



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	N	115.05	-	16
2	E	244.09	1568.81	15
3	L	357.18	1439.77	14
4	A	428.21	1326.68	13
5	G	485.24	1255.65	12
6	G	542.26	1198.63	11
7	P	639.31	1141.60	10
8	F	786.38	1044.55	9
9	G	843.40	897.48	8
10	G	900.42	840.46	7
11	Q	1028.48	783.44	6
12	F	1175.55	655.38	5
13	T	1276.60	508.31	4
14	F	1423.66	407.27	3
15	L	1536.75	260.20	2
16	K	-	147.11	1

gi|70881155|gb|EAN94202.1| phosphate-repressible phosphate permease, putative [Trypanosoma cruzi]

-.TLVLRPANSVQR.-

M+H=1353.796143

DeltaM=1.21172

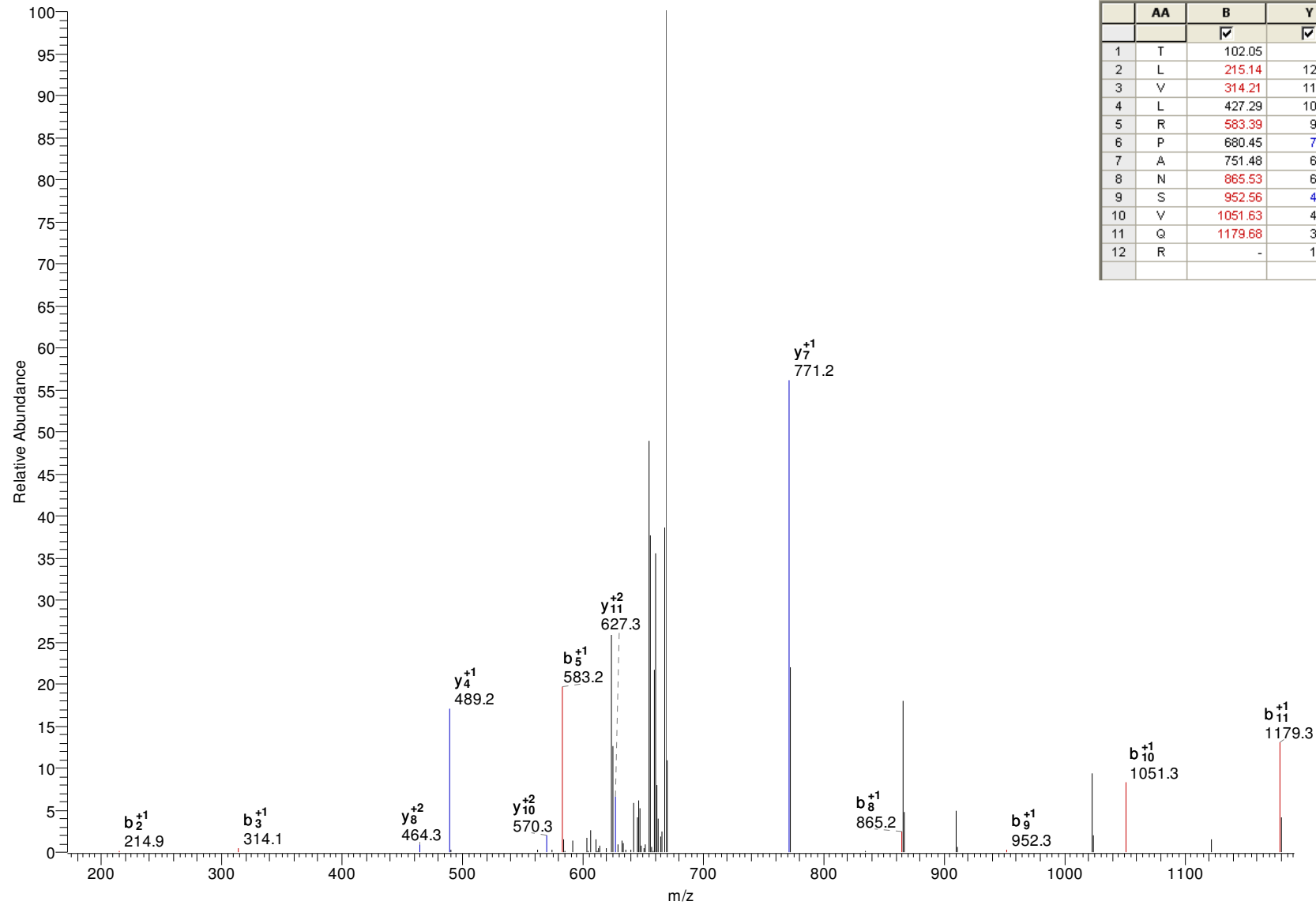
z=2

P(pep)=9.18E-05

Xcorr=2.07

DCn=0.34

#2444-2444 NL: 1.02E2



	AA	B	Y	
		✓	✓	
1	T	102.05	-	12
2	L	215.14	1252.75	11
3	V	314.21	1139.66	10
4	L	427.29	1040.60	9
5	R	583.39	927.51	8
6	P	680.45	771.41	7
7	A	751.48	674.36	6
8	N	865.53	603.32	5
9	S	952.56	489.28	4
10	V	1051.63	402.25	3
11	Q	1179.68	303.18	2
12	R	-	175.12	1

gi|70882514|gb|EAN95480.1| endomembrane protein, putative [Trypanosoma cruzi]

K.IGPLNNAFETYDLFR.V

M+H=1769.885742

DeltaM=1.82475

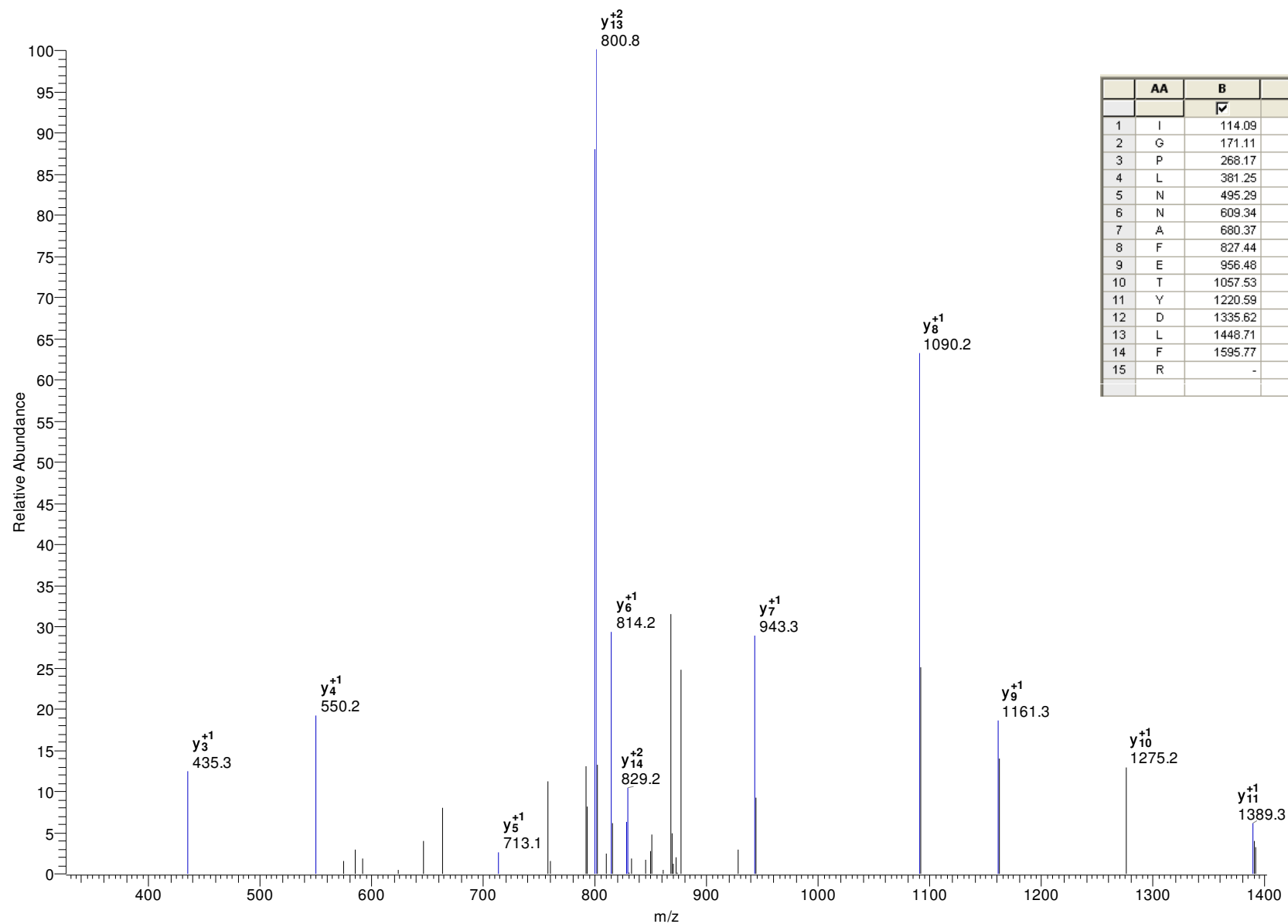
z=2

P(pep)=9.78E-06

Xcorr=2.04

DCn=0.41

#5810-5810 NL: 3.40E1



	AA	B	Y	
		✓	✓	
1	I	114.09	-	15
2	G	171.11	1656.80	14
3	P	268.17	1599.78	13
4	L	381.25	1502.73	12
5	N	495.29	1389.64	11
6	N	609.34	1275.60	10
7	A	680.37	1161.56	9
8	F	827.44	1090.52	8
9	E	956.48	943.45	7
10	T	1057.53	814.41	6
11	Y	1220.59	713.36	5
12	D	1335.62	550.30	4
13	L	1448.71	435.27	3
14	F	1595.77	322.19	2
15	R	-	175.12	1

gi|70869739|gb|EAN84247.1| extracellular receptor, putative [Trypanosoma cruzi]

-.TAGLTILSAHTSNPK.-

M+H=1510.822388

DeltaM=1.37322

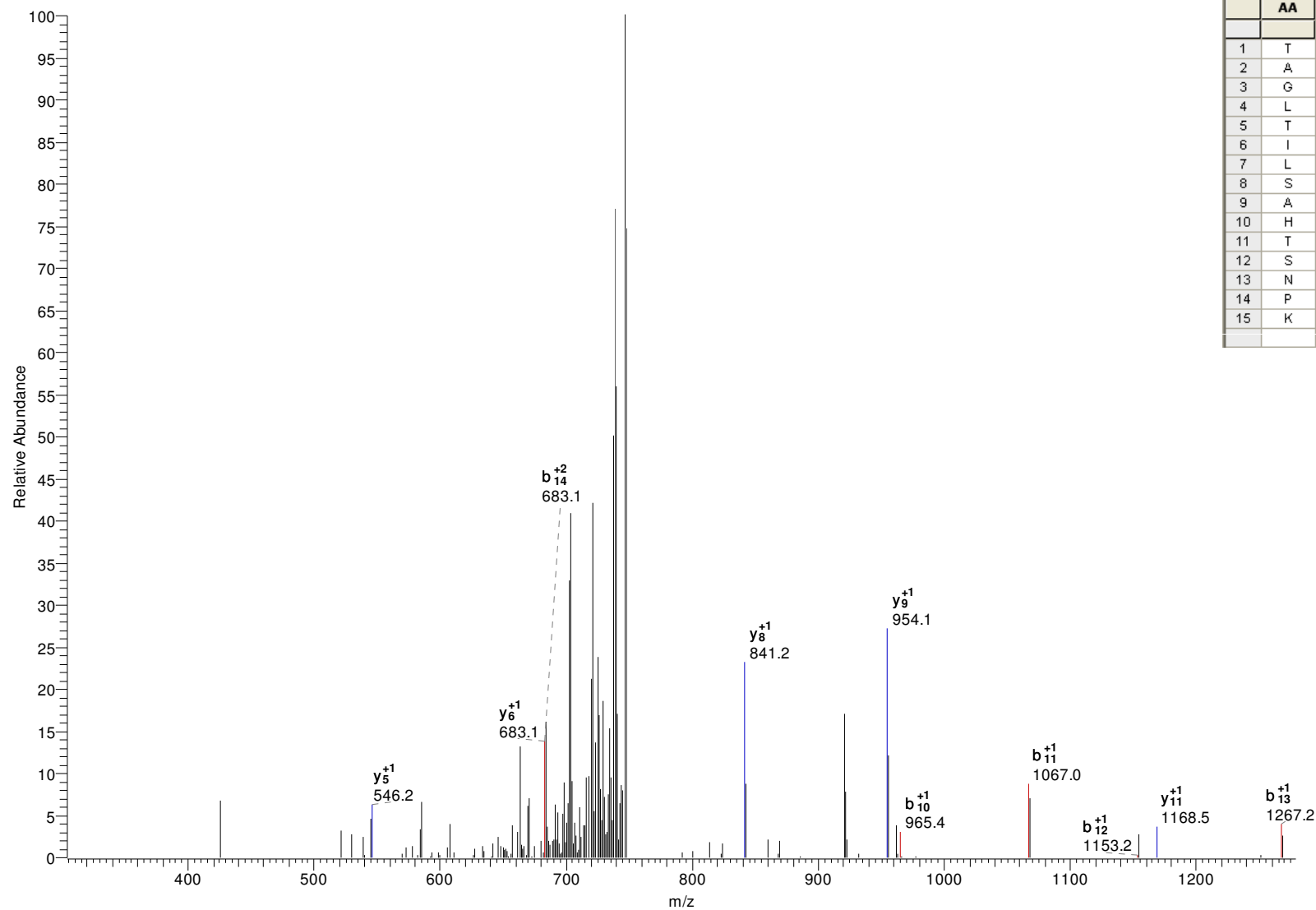
z=2

P(pep)=9.46E-06

Xcorr=2.01

DCn=0.30

#3038-3038 NL: 7.08E1



	AA	B	Y	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	T	102.05	-	15
2	A	173.09	1409.77	14
3	G	230.11	1338.74	13
4	L	343.20	1281.72	12
5	T	444.25	1168.63	11
6	I	557.33	1067.58	10
7	L	670.41	954.50	9
8	S	757.45	841.42	8
9	A	828.48	754.38	7
10	H	965.54	683.35	6
11	T	1066.59	546.29	5
12	S	1153.62	445.24	4
13	N	1267.66	358.21	3
14	P	1364.72	244.17	2
15	K	-	147.11	1

gi|157832110|pdb|1NGB|A Chain A, Structural Basis Of The 70-Kilodalton Heat Shock Cognate Protein Atp Hydrolytic Activity, Ii. Structure Of The Active Site With Adp Or Atp Bound To Wild Type And Mutant Atpase Fragment

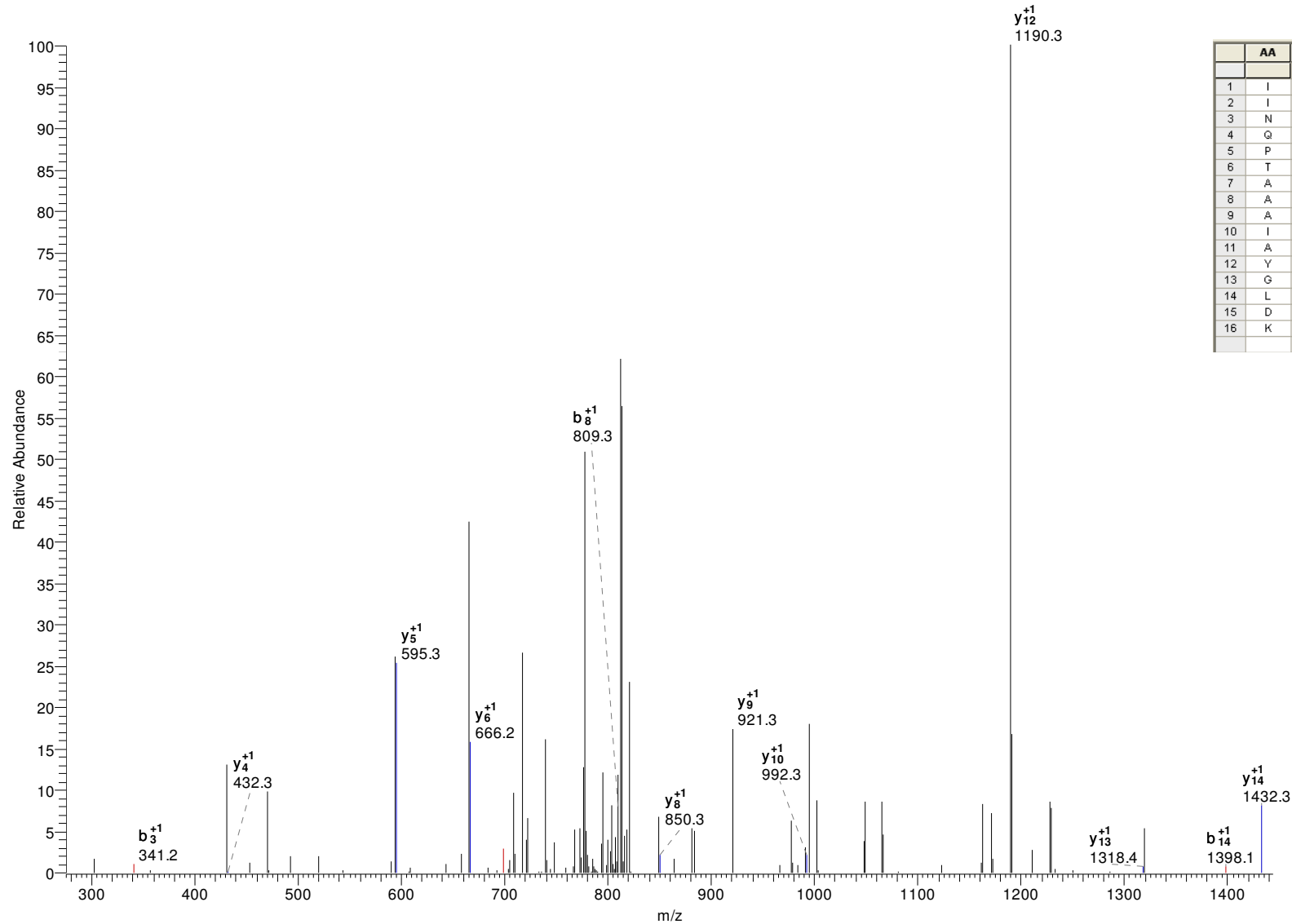
-.IINQPTAAAIAYGLDK.-
P(pep)0.000986438

M+H=1658.911255
Xcorr=2.73E+00

DeltaM=1.21196
DCn=0.50

Z=

#4333-4333 NL: 6.84E1



	AA	B	Y	
		✓	✓	
1	I	114.09	-	16
2	I	227.18	1545.83	15
3	N	341.22	1432.74	14
4	Q	469.28	1318.70	13
5	P	566.33	1190.64	12
6	T	667.38	1093.59	11
7	A	738.41	992.54	10
8	A	809.45	921.50	9
9	A	880.49	850.47	8
10	I	993.57	779.43	7
11	A	1064.61	666.35	6
12	Y	1227.67	595.31	5
13	G	1284.69	432.25	4
14	L	1397.78	375.22	3
15	D	1512.81	262.14	2
16	K	-	147.11	1

gi|70881727|gb|EAN94737.1| hypothetical protein, conserved [Trypanosoma cruzi]

-.M*QQVEHEM*KK.-

M+H=1319.608233

DeltaM=1.96359

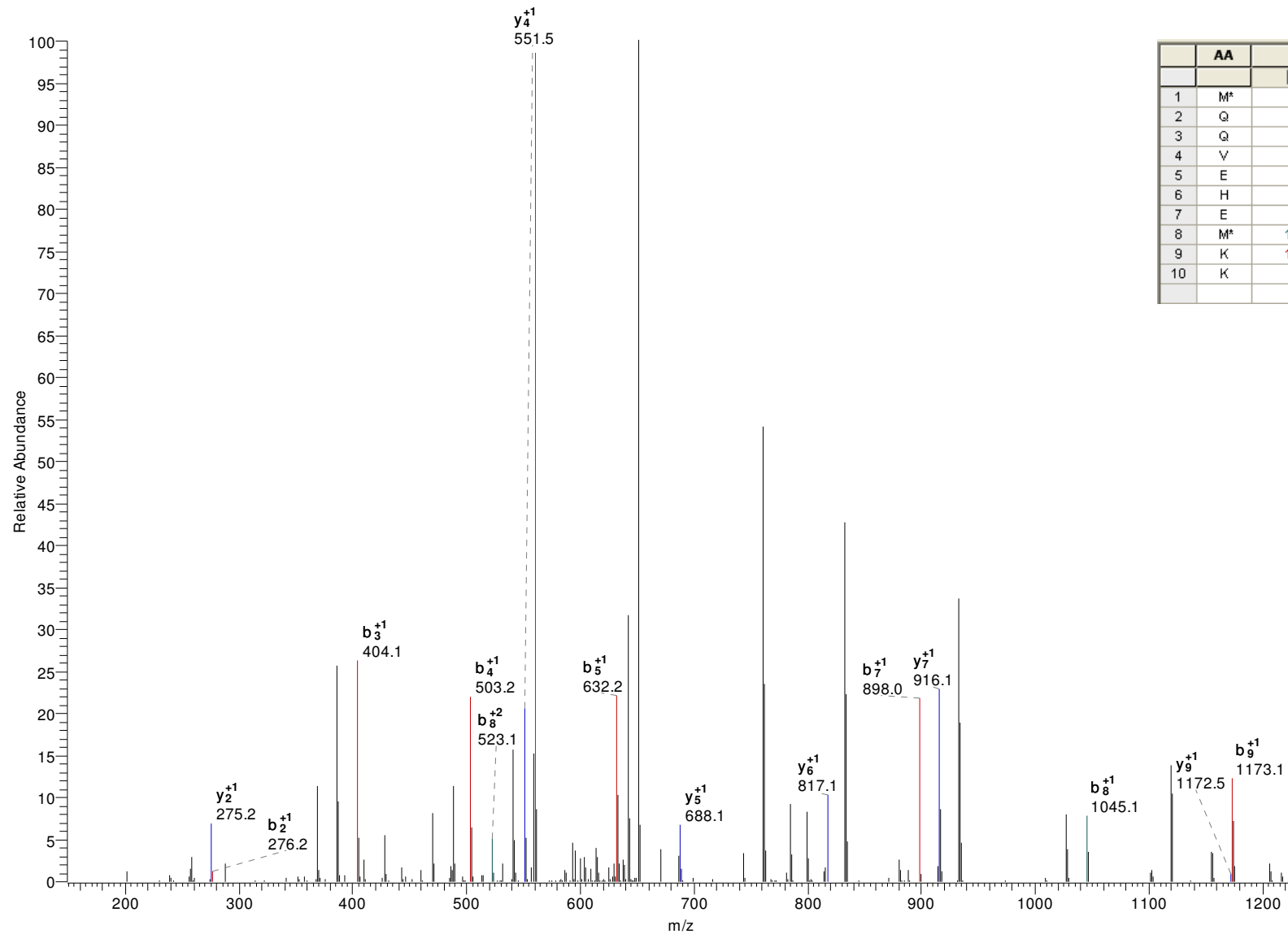
z=2

P(pep)=0.000586814

Xcorr=2.55

DCn=0.45

#3061-3061 NL: 1.05E3



	AA	B	Y	
		✓	✓	
1	M*	148.04	-	10
2	Q	276.10	1172.57	9
3	Q	404.16	1044.51	8
4	V	503.23	916.46	7
5	E	632.27	817.39	6
6	H	769.33	688.34	5
7	E	898.37	551.29	4
8	M*	1045.41	422.24	3
9	K	1173.50	275.21	2
10	K	-	147.11	1