Suppl Table 1. Database Search Results Using Alternate CID/PQD$_{default}$ on Six Protein Mixture

The right three columns indicate the Xcorr for CID, PQD$_{default}$, and their ratios, respectively

Reference File, Scan(s)	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score Delta Cn	Accession Sp	RSp	Peptides (Hits) Ions	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
gi|1351907|sp|P02769|ALBU_BOVIN Serum albumin precursor (Allergen Bos d 6) (BS								142 (142 0 0 0 0)				
1282-1283	K.SEIAHR.F	856.5	2	2.06	0.3609	431.5	1	10/10		2.05	2.1	1.02
1322-1323	R.DTHKSEIAHR.F	1481.9	3	2.61	0.3018	902.5	1	23/36		3.06	2.48	0.81
1447-1448	K.NYQEAK.D	1040.7	2	2.15	0.3212	402.2	3	10/10		2.36	1.97	0.83
1707-1708	K.ATEEQLK.T	1106.7	2	2.96	0.3017	688.1	1	12/12		3.05	2.89	0.95
1722-1723	K.ATEEQLK.T	1106.7	1	2.64	0.2418	844.6	1	12/12		2.21	2.72	1.23
1764-1765	K.AFDEK.L	897.6	1	1.71	0.1239	397.5	7	8/8		1.51	1.65	1.09
1967-1968	R.CCTKPESER.M	1432.9	2	3.05	0.3648	584.9	1	14/16		3.07	2.91	0.95
1997-1998	K.DDSPDLPK.L	1174.7	1	2.44	0.3669	1384.5	1	14/14		2.16	2.31	1.07
2002-2003	K.DDSPDLPK.L	1174.7	2	2.61	0.3919	1272.8	1	14/14		2.72	2.6	0.96
2024-2025	K.DLGEEHFK.G	1262.8	2	3.11	0.4564	854.2	1	14/14		3.35	2.96	0.88
2044-2045	R.CASIQK.F	983.7	1	1.85	0.11	716.2	2	10/10		1.76	2.13	1.21
2072-2073	K.SHCIAEVEK.D	1349.9	3	4.60	0.4091	2246.3	1	24/32		4.21	4.44	1.05
2077-2078	K.SHCIAEVEK.D	1349.9	2	3.80	0.3849	1813.2	1	16/16		4.06	3.19	0.79
2084-2085	K.TCVADESHAGCEK.S	1730.0	3	4.23	0.544	1581.3	1	28/48		4.03	3.62	0.90
2092-2093	R.LSQKFPK.A	1280.0	2	2.31	0.2686	594.2	2	12/12		2.45	2.13	0.87
2094-2095	K.TCVADESHAGCEK.S	1730.0	2	5.33	0.587	3262.9	1	24/24		5.52	4.6	0.83
2107-2108	K.CCAADDK.E	1105.8	2	2.60	0.3889	870.2	1	12/12		2.66	2.56	0.96
2147-2148	K.QNCDQFEK.L	1345.8	2	3.33	0.3232	777.7	1	14/14		3.52	3.15	0.89
2302-2303	R.FKDLGEEHFK.G	1682.1	3	5.11	0.3992	2957.8	1	31/36		5.18	4.73	0.91
2319-2320	R.FKDLGEEHFK.G	1682.1	2	3.81	0.4424	2073.7	1	18/18		4.07	3.68	0.90
2349-2350	R.NECFLSHK.D	1311.9	3	2.87	0.3047	747.5	1	18/28		2.95	2.87	0.97
2387-2388	K.AEFVEVTK.L	1210.8	2	3.21	0.441	1081.7	1	14/14		3.59	3.15	0.88
2397-2398	K.AEFVEVTK.L	1210.8	1	3.02	0.4853	1116.3	1	14/14		2.77	3.23	1.17
2417-2418	K.QEPERNECFLSHKDDSPDLPK.L	2962.7	3	6.05	0.5729	2042.2	1	41/80		5.97	4.88	0.82
2474-2475	R.LCVLHEK.T	1175.9	2	2.57	0.3048	598.7	1	12/12		2.77	2.45	0.88
2502-2503	K.LVTDLTK.V	1077.8	2	2.48	0.2362	1077.4	1	12/12		2.66	2.38	0.89
2514-2515	K.LVTDLTK.V	1077.8	1	2.49	0.2819	939.7	1	12/12		2.09	2.31	1.11
2524-2525	R.NECFLSHKDDSPDLPK.L	2323.4	3	4.02	0.3659	1320.2	1	30/60		3.89	3.39	0.87
2559-2560	K.YICDNQDTISSK.L	1721.0	2	4.65	0.6548	2415	1	22/22		4.85	4.61	0.95
2592-2593	R.KVPQVSTPTLVEVSR.S	1928.3	3	4.85	0.499	1308.7	1	29/56		4.74	4.77	1.01
2602-2603	R.KVPQVSTPTLVEVSR.S	1928.3	2	4.40	0.5279	1006	1	23/28		4.58	3.17	0.69
2622-2623	R.RHPEYAVSVLLR.L	1584.0	2	3.77	0.5089	799.6	1	19/22		3.79	2.14	0.56
2679-2680	K.ECCDKPLLEK.S	1702.2	3	3.68	0.4206	1139	1	23/36		3.28	3.13	0.95
2689-2690	K.GACLLPK.I	1035.8	2	2.31	0.2351	801.5	3	12/12		2.26	2	0.88
2709-2710	K.EACFAVEGPK.L	1384.9	2	4.04	0.4477	1544.5	1	18/18		4.17	3.72	0.89
2744-2745	K.CCTESLVNR.R	1260.8	1	2.96	0.339	794.1	1	16/16		2.72	3.36	1.24
2762-2763	K.YLYEIAR.R	1071.7	2	2.52	0.3023	745	1	12/12		2.76	2.95	1.07
2764-2765	K.DDPHACYSTVFDK.L	1832.0	2	3.87	0.5333	1400.6	1	22/24		4.11	3.51	0.85
2809-2810	K.DDPHACYSTVFDK.L	1832.0	3	2.65	0.4387	1391.2	1	25/48		2.26	2.63	1.16
2847-2848	K.LKECCDKPLLEK.S	2087.6	3	3.00	0.1762	799.9	1	22/44		3.08	2.37	0.77
2864-2865	K.LKECCDKPLLEK.S	2087.6	2	5.10	0.4788	1177.1	1	19/22		5.08	3.94	0.78
2889-2890	K.VPQVSTPTLVEVSR.S	1656.0	2	3.55	0.5269	887.2	1	20/26		3.58	3.49	0.97
2892-2893	K.KQTALVELLK.H	1575.2	3	4.45	0.2087	2591.6	1	27/36		4.13	4.38	1.06
2897-2898	K.KQTALVELLK.H	1575.2	2	3.98	0.2567	1568.3	1	18/18		4.16	3.42	0.82
2909-2910	K.YLYEIAR.R	1071.7	2	2.57	0.2456	780.9	1	12/12		2.76	2.4	0.87
2932-2933	R.HPEYAVSVLLR.L	1427.9	3	4.64	0.4402	1684.9	1	27/40		4.71	3.47	0.74
2964-2965	R.ETYGDMADCCEK.Q	1745.0	2	5.53	0.632	2255.6	1	22/22		5.75	4.95	0.86
2969-2970	R.RPCFSALTPDETYVPK.A	2158.3	2	4.19	0.4401	616.5	1	20/30		4.08	3.16	0.77
2982-2983	R.ETYGDMADCCEK.Q	1745.0	3	3.61	0.4708	1786.5	1	26/44		3.61	2.9	0.80
2997-2998	R.RPCFSALTPDETYVPK.A	2158.3	3	5.41	0.1632	1923	1	33/60		5.2	5.29	1.02
3032-3033	K.CCAADDKEACFAVEGPK.L	2327.5	3	5.95	0.4891	3784.8	1	39/64		5.56	5.44	0.98
3047-3048	K.CCAADDKEACFAVEGPK.L	2327.5	2	6.17	0.5839	3919.3	1	28/32		6.05	4.79	0.79
3067-3068	K.DDPHACYSTVFDKLK.H	2217.4	3	4.98	0.5282	1416.1	1	35/56		4.9	4.75	0.97
3072-3073	K.LKPDPNTLCDEFKADEK.K	2585.7	3	4.74	0.4484	973.1	1	29/64		4.65	4.01	0.86
3097-3098	K.ECCHGDLLECADDR.A	1861.0	3	5.32	0.5232	1259.6	1	29/52		4.54	4.42	0.97
3107-3108	K.ECCHGDLLECADDR.A	1861.0	2	5.83	0.5947	2934.6	1	25/26		5.53	5.07	0.92
3117-3118	K.LVNELTEFAK.T	1452.0	2	2.85	0.3122	1678.1	1	18/18		2.96	2.4	0.81
3184-3185	K.LKPDPNTLCDEFK.A	1998.3	2	3.73	0.4978	685	1	17/24		4.25	2.99	0.70
3252-3253	K.QTALVELLK.H	1302.9	2	3.79	0.3195	2006.8	1	16/16		3.68	4.04	1.10
3254-3255	K.SLHTLFGDELCK.V	1697.1	3	5.67	0.5529	3108.4	1	32/44		5.04	5.21	1.03
3267-3268	K.LVNELTEFAK.T	1452.0	2	4.54	0.5198	2378.3	1	18/18		4.62	4.37	0.95
3269-3270	K.SLHTLFGDELCK.V	1697.1	2	4.39	0.612	2110.7	1	21/22		4.19	4.93	1.18
3272-3273	K.LVNELTEFAK.T	1452.0	3	3.95	0.2734	1357	1	21/36		4.01	3.23	0.81
3284-3285	K.LVNELTEFAK.T	1452.0	1	3.69	0.5561	1643.6	1	18/18		2.78	3.96	1.42
3369-3370	K.DAIPENLPPLTADFAEDK.D	2244.3	2	5.88	0.5955	2243.7	1	32/34		5.77	4.64	0.80
3382-3383	K.EYEATLEECCAK.D	1769.1	3	3.95	0.385	1837.8	1	26/44		3.95	3.57	0.90
3384-3385	K.EYEATLEECCAK.D	1769.1	2	6.01	0.6017	3286.1	1	22/22		6.06	5.24	0.86
3399-3400	K.DAIPENLPPLTADFAEDKDVCK.N	2879.7	3	5.03	0.5126	1255.5	1	40/84		4.91	5	1.02
3412-3413	K.LVNELTEFAK.T	1452.0	2	3.25	0.4064	1541.7	1	18/18		3.44	3.41	0.99
3592-3593	K.LFTFHADICTLPDTEK.Q	2185.3	3	5.83	0.4707	1479.3	1	33/60		5.63	4.92	0.87
3602-3603	K.LFTFHADICTLPDTEK.Q	2185.3	2	5.99	0.5552	2062.5	1	24/30		5.31	5.18	0.98
3687-3688	K.TVMENFVAFVDK.C	1688.0	2	5.84	0.5712	3743.1	1	22/22		5.87	5.58	0.95
3699-3700	K.DAFLGSFLYEYSR.R	1711.9	2	4.73	0.5792	2209.9	1	23/24		5.13	4.67	0.91
3709-3710	K.DAFLGSFLYEYSR.R	1711.9	3	3.21	0.3152	1608.8	1	30/48		3.51	2.22	0.63
3827-3828	K.DAFLGSFLYEYSR.R	1711.9	2	5.06	0.6605	2136.9	1	23/24		4.64	3.49	0.75
3932-3933	R.MPCTEDYLSLILNR.L	1858.1	2	5.05	0.5911	1398.4	1	24/26		5.05	4.65	0.92
3937-3938	R.MPCTEDYLSLILNR.L	1858.1	3	3.78	0.3531	1497.1	1	28/52		3.34	3.85	1.15
3952-3953	K.LFTFHADICTLPDTEK.Q	2185.3	2	3.48	0.344	330.4	1	13/30		3.05	2.7	0.89
4064-4065	R.MPCTEDYLSLILNR.L	1858.1	2	5.28	0.6064	1415.6	1	24/26		5.22	4.68	0.90
4377-4378	K.DDPHACYSTVFDK.L	1832.0	3	3.00	0.4078	823.7	1	24/48		2.28	2.99	1.31
4422-4423	K.GLVLIAFSQYLQQCPFDEHVK.L	2769.7	3	3.18	0.3323	436.6	1	21/80		3.36		0.00
4489-4490	R.KVPQVSTPTLVEVSR.S	1928.3	3	4.56	0.5093	1226.3	1	28/56		4.25	4.01	0.94
4502-4503	K.DDPHACYSTVFDK.L	1832.0	3	2.91	0.3873	1127	1	25/48		2.31	2.72	1.18
4514-4515	R.MPCTEDYLSLILNR.L	1858.1	2	3.46	0.5395	760.3	1	18/26		3.48	3.5	1.01
4544-4545	K.LVNELTEFAK.T	1452.0	2	3.76	0.5235	2056.9	1	18/18		3.86		0.00
4617-4618	K.SLHTLFGDELCK.V	1697.1	3	5.49	0.588	2804.1	1	31/44		4.88	5.04	1.03
4619-4620	K.QTALVELLK.H	1302.9	2	3.47	0.2978	1032.5	1	14/16		3.47		0.00
4627-4628	R.RPCFSALTPDETYVPK.A	2158.3	3	5.10	0.2058	1653.6	1	30/60		4.92	4.4	0.89
4629-4630	R.MPCTEDYLSLILNR.L	1858.1	2	3.88	0.5532	1004.3	1	20/26		3.7	3.53	0.95
4637-4638	K.TCVADESHAGCEK.S	1730.0	3	3.11	0.4402	202.4	6	22/48		3.06	1.94	0.63
4649-4650	R.KVPQVSTPTLVEVSR.S	1928.3	3	4.06	0.4691	1275.4	1	29/56		4.35	3.61	0.83
4652-4653	K.KQTALVELLK.H	1575.2	3	2.63	0.1333	1270.3	1	24/36		2.51	2.54	1.01
4654-4655	K.LFTFHADICTLPDTEK.Q	2185.3	3	4.79	0.4549	1612.4	1	34/60		4.76	4.12	0.87
4679-4680	K.LVNELTEFAK.T	1452.0	2	2.79	0.4126	671.3	1	17/18		3.22	2.25	0.70
4757-4758	R.MPCTEDYLSLILNR.L	1858.1	2	3.70	0.4996	815.8	1	18/26		3.59	3.35	0.93
4762-4763	R.KVPQVSTPTLVEVSR.S	1928.3	3	4.27	0.4843	1082.1	1	26/56		4.16	3.55	0.85

4769-4770	K.KQTALVELLK.H	1575.2	3	3.09	0.1867	1717.7	1	25/36	2.91	3	1.03
4777-4778	K.LFTFHADICTLPDTEK.Q	2185.3	3	5.30	0.4777	1279	1	32/60	4.91	3.64	0.74
4837-4838	K.DDPHACYSTVFDK.L	1832.0	3	2.64	0.2536	964	1	24/48	2.61	2.13	0.82
4859-4860	R.MPCTEDYLSLILNR.L	1858.1	3	2.67	0.1471	531.4	3	20/52	2.28	2.72	1.19
4867-4868	K.LVNELTEFAK.T	1452.0	2	4.02	0.5728	2685.6	1	18/18	4.12		0.00
4887-4888	K.LFTFHADICTLPDTEK.Q	2185.3	3	4.51	0.461	997.7	1	29/60	2.98	4.51	1.51
4889-4890	K.KQTALVELLK.H	1575.2	3	2.55	0.0927	1308.5	1	24/36	2.31	2.99	1.29
4939-4940	R.KVPQVSTPTLVEVSR.S	1928.3	3	4.69	0.4526	1179.2	1	28/56	4.43	4.2	0.95
4967-4968	R.MPCTEDYLSLILNR.L	1858.1	2	3.33	0.4815	858.1	1	18/26	3.15	2.76	0.88
4974-4975	K.CCTESLVNR.R	1260.8	2	2.45	0.3783	487.1	1	15/16	2.83	1.68	0.59
5029-5030	K.KQTALVELLK.H	1575.2	3	2.99	0.1992	458.3	2	21/36	2.21	2.67	1.21
5049-5050	R.KVPQVSTPTLVEVSR.S	1928.3	3	4.22	0.4837	890.5	1	26/56	4.29	4.03	0.94
5074-5075	R.MPCTEDYLSLILNR.L	1858.1	2	2.52	0.4222	835.2	1	17/26	2.56	2.9	1.13
5112-5113	K.ECCHGDLLECADDR.A	1861.0	3	4.81	0.368	1408.3	1	27/52	4.71	3.65	0.77
5147-5148	K.DDPHACYSTVFDK.L	1832.0	3	2.80	0.2581	728.7	1	21/48	2.33	2.35	1.01
5154-5155	R.KVPQVSTPTLVEVSR.S	1928.3	3	4.62	0.4963	1221.3	1	28/56	4.68	4.05	0.87
5249-5250	K.KQTALVELLK.H	1575.2	3	2.61	0.09	892.4	2	22/36	2.62	2.67	1.02
5254-5255	K.ECCHGDLLECADDR.A	1861.0	3	3.05	0.2654	615.9	1	22/52	2.89	2.55	0.88
5329-5330	K.AEFVEVTK.L	1210.8	2	3.17	0.3907	767.8	1	14/14	3.2	3.01	0.94
5374-5375	R.KVPQVSTPTLVEVSR.S	1928.3	3	4.27	0.5177	1198.8	1	27/56	4.37	4.02	0.92
5414-5415	K.LVNELTEFAK.T	1452.0	2	2.89	0.4293	324.7	1	17/18		2.85	#DIV/0!
5439-5440	R.RPCFSALTPDETYVPK.A	2158.3	3	4.47	0.2842	1463	1	30/60	4.65	3.3	0.71
5509-5510	R.KVPQVSTPTLVEVSR.S	1928.3	3	4.25	0.4558	1026.4	1	26/56	4.28	4.22	0.99
5514-5515	K.CCTESLVNR.R	1260.8	2	2.52	0.394	795.1	1	15/16	2.22	2.17	0.98
5539-5540	K.AEFVEVTK.L	1210.8	2	3.14	0.3468	847.7	2	14/14	3.09	3.04	0.98
5624-5625	K.ECCHGDLLECADDR.A	1861.0	3	3.91	0.2835	528.8	1	23/52	3.94	2.89	0.73
5684-5685	R.KVPQVSTPTLVEVSR.S	1928.3	3	3.29	0.5444	429.3	1	26/56	3.64	2.49	0.68
5774-5775	K.ATEEQLK.T	1106.7	2	2.19	0.2079	235	5	12/12	2.5	0.86	0.34
5807-5808	R.KVPQVSTPTLVEVSR.S	1928.3	3	3.73	0.6133	453.8	1	25/56	3.68	3.08	0.84
5842-5843	K.AEFVEVTK.L	1210.8	2	3.17	0.4328	652.1	1	14/14	3.16	2.4	0.76
5879-5880	K.LVTDLTK.V	1077.8	2	2.16	0.2271	435.6	1	12/12	2.17		0.00
5969-5970	K.CCTESLVNR.R	1260.8	2	2.34	0.1886	424.5	1	13/16	2.15	1.93	0.90
6229-6230	K.CCTESLVNR.R	1260.8	2	2.09	0.3768	345.6	3	15/16	1.97	1.25	0.63
6279-6280	K.ECCHGDLLECADDR.A	1861.0	3	3.86	0.4395	291.4	1	22/52	3.65	2.01	0.55
6287-6288	K.LVNELTEFAK.T	1452.0	2	2.73	0.5655	283.9	1	17/18	3.48	1.19	0.34
6342-6343	K.CCTESLVNR.R	1260.8	2	2.05	0.3555	384.4	2	15/16	2.15	1.25	0.58
6394-6395	K.ECCHGDLLECADDR.A	1861.0	3	2.54	0.4726	365.1	1	25/52	3.41	1.28	0.38
6504-6505	K.ECCHGDLLECADDR.A	1861.0	3	2.61	0.2505	421.5	1	26/52	3.95	1.26	0.32
6697-6698	R.KVPQVSTPTLVEVSR.S	1928.3	3	4.94	0.5168	1412.5	1	30/56	4.66	4.4	0.94
6749-6750	K.TCVADESHAGCEK.S	1730.0	3	4.02	0.5362	1367.5	1	25/48	3.77	3.45	0.92
6762-6763	K.ATEEQLK.T	1106.7	2	2.94	0.1939	571.8	1	12/12	3.06	2.72	0.89
6827-6828	K.ATEEQLK.T	1106.7	2	3.01	0.2396	633.5	1	12/12	2.98	2.72	0.91
6894-6895	K.ATEEQLK.T	1106.7	2	2.90	0.2334	686.3	1	12/12	2.96	2.69	0.91
6914-6915	K.AFDEK.L	897.6	2	2.07	0.1107	481.8	4	8/8	2.16	2.03	0.94
6959-6960	K.ATEEQLK.T	1106.7	2	3.02	0.2403	812.3	1	12/12	3.04	2.86	0.94
6989-6990	K.AFDEK.L	897.6	2	2.27	0.2196	446.5	4	8/8	2.37	2.04	0.86

Reference File, Scan(s)	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score Delta Cn	Accession Sp	RSp	Peptides (Hits) Ions	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
gi|136191|sp|P02787|TRFE_HUMAN Serotransferrin precursor (Transferrin)								104 (104 0 0 0 0)				
1387-1388	K.HQTVPQNTGGK.N	1454.9	2	3.08	0.5884	655.5	1	17/20		3.01	3.16	1.05
1417-1418	K.HQTVPQNTGGK.N	1454.9	3	3.92	0.4528	1152.8	1	24/40		3.86	3.69	0.96
1477-1478	R.APNHAVVTR.K	1108.7	2	2.60	0.4603	616.5	1	14/16		2.71	2.57	0.95
1524-1525	K.LHDRNTYEK.Y	1463.9	3	2.76	0.2373	511.5	1	18/32		2.77	2.7	0.97
1584-1585	R.KDKEACVHK.I	1680.3	3	3.03	0.3014	687.8	1	23/32		4.19	2.17	0.52
1689-1690	K.DKEACVHK.I	1408.0	2	2.66	0.3308	718.5	1	14/14		3.06	1.79	0.58
1697-1698	R.KPVDEYK.D	1310.9	3	3.06	0.299	829.1	1	18/24		3.19	3.12	0.98
1704-1705	R.KPVDEYK.D	1310.9	2	2.35	0.3126	763.7	1	11/12		2.69	2.25	0.84
2007-2008	K.DSAHGFLK.V	1162.8	2	2.80	0.4461	882	1	14/14		3.05	2.65	0.87
2054-2055	K.CQSFR.D	830.5	1	1.59	0.2374	197	1	8/8		1.37	1.68	1.23
2212-2213	K.GDVAFVK.H	1023.7	2	2.84	0.304	904.5	1	12/12		3	2.7	0.90
2229-2230	K.KDSGFQMNQLR.G	1612.0	2	3.42	0.3295	1731.8	1	20/20		3.57	2.24	0.63
2289-2290	K.WCALSHHER.L	1328.8	3	3.85	0.3885	1586.3	1	22/32		3.46	3.77	1.09
2307-2308	K.DCHLAQVPSHTVVAR.S	1823.1	2	5.53	0.5714	1886.4	1	25/28		5.28	3.97	0.75
2332-2333	K.DGAGDVAFVK.H	1266.8	2	3.82	0.4702	1596.8	1	18/18		3.89	3.76	0.97
2337-2338	R.KPVEEYANCHLAR.A	1864.2	2	4.60	0.6052	957.8	1	20/24		4.6	4.18	0.91
2427-2428	R.DDTVCLAK.L	1198.8	2	3.05	0.4179	1138.6	1	14/14		3.1	3.19	1.03
2434-2435	R.WCAVSEHEATK.C	1595.0	3	3.18	0.4381	1176.3	1	23/40		3.6	3.17	0.88
2439-2440	R.WCAVSEHEATK.C	1595.0	2	5.16	0.5435	2335	1	20/20		5.18	4.35	0.84
2444-2445	K.DSGFQMNQLR.G	1339.7	2	3.91	0.4833	1007.5	1	18/18		4.05	2.83	0.70
2452-2453	K.YLGEEYVK.A	1288.8	2	3.29	0.4664	815.1	1	14/14		3.58	2.98	0.83
2472-2473	R.EGTCPEAPTDECKPVK.W	2228.4	3	4.94	0.5774	1674.7	1	32/60		5.11	4.34	0.85
2482-2483	R.EGTCPEAPTDECKPVK.W	2228.4	2	6.13	0.631	1790.1	1	24/30		5.76	4.54	0.79
2489-2490	K.YLGEEYVK.A	1288.8	1	2.96	0.4898	1054.4	1	14/14		2.52	2.99	1.19
2572-2573	K.HSTIFENLANK.A	1562.0	2	4.32	0.526	2129.9	1	20/20		4.36	4.23	0.97
2577-2578	K.HSTIFENLANK.A	1562.0	3	3.75	0.3264	1181.5	1	24/40		3.5	3.9	1.11
2587-2588	K.EGYYGYTGAFR.C	1427.7	2	3.95	0.5278	1795.4	1	20/20		3.86	3.47	0.90
2609-2610	K.EGYYGYTGAFR.C	1427.7	1	2.64	0.5627	640.3	1	14/20		2.66	3.78	1.42
2687-2688	K.EFQLFSSPHGK.D	1565.0	3	4.06	0.4436	1330.7	1	27/40		4.09	3.85	0.94
2702-2703	K.CDEWSVNSVGK.I	1557.9	2	4.90	0.5691	3217.5	1	20/20		5.07	3.9	0.77
2704-2705	K.EFQLFSSPHGK.D	1565.0	2	4.60	0.4204	1998.9	1	20/20		4.92	3.52	0.72
2724-2725	K.CDEWSVNSVGK.I	1557.9	1	4.32	0.563	1244.9	1	18/20		3.6	4.53	1.26
2797-2798	K.SASDLTWDNLK.G	1537.9	2	4.89	0.4208	2289.9	1	20/20		5.14	4.47	0.87
2799-2800	K.SASDLTWDNLK.G	1537.9	3	3.70	0.2642	1378.1	1	24/40		2.88	3.13	1.09
2844-2845	K.SVIPSDGPSVACVK.K	1693.1	2	4.28	0.5153	1458.8	1	25/26		4.17	4.13	0.99
2867-2868	K.SVIPSDGPSVACVK.K	1693.1	3	4.44	0.5794	1799.8	1	31/52		3.86	4.61	1.19
3039-3040	K.ASYLDCIR.A	1130.7	2	2.50	0.3659	566	1	14/14		2.75	1.97	0.72
3089-3090	K.ADRDQYELLCLDNTR.K	2015.1	2	4.93	0.4999	1595.2	1	23/28		4.83	2.45	0.51
3159-3160	K.IECVSAETTEDCIAK.I	1992.2	2	5.57	0.6669	3589.1	1	28/28		5.68	4.99	0.88
3174-3175	K.NLNEKDYELLCLDGTR.K	2230.3	3	5.27	0.5106	2273.4	1	32/60		5.05	3.68	0.73
3182-3183	K.NLNEKDYELLCLDGTR.K	2230.3	2	6.37	0.6164	2055.6	1	24/30		5.98	5.6	0.94
3237-3238	K.SDNCEDTPEAGYFAVAVVK.K	2349.3	3	5.62	0.6195	1747.1	1	34/72		5.34	6.31	1.18
3242-3243	K.SDNCEDTPEAGYFAVAVVK.K	2349.3	2	6.99	0.7685	2786.3	1	30/36		6.81	6.49	0.95
3249-3250	K.EDPQTFYYAVAVVK.K	1918.1	2	6.29	0.6113	2328.3	1	25/26		6.16	4.96	0.81
3259-3260	K.DLLFRDDTVCLAK.L	1843.2	3	4.43	0.5812	1336.6	1	30/48		5.13	3.7	0.72
3294-3295	K.EDPQTFYYAVAVVK.K	1918.1	3	4.01	0.3502	1279.2	1	24/52		3.53	2.74	0.78
3327-3328	R.DQYELLCLDNTR.K	1672.9	2	5.60	0.5985	3165.8	1	22/22		5.62	4.51	0.80
3337-3338	R.FDEFFSEGCAPGSK.K	1855.0	2	5.51	0.5484	3523.6	1	26/26		5.45	4.98	0.91
3339-3340	R.FDEFFSEGCAPGSK.K	1855.0	3	4.43	0.4944	1943.6	1	34/52		4.18	4.1	0.98
3374-3375	K.DYELLCLDGTR.K	1487.9	2	3.73	0.5947	1686.4	1	19/20		3.74	3.54	0.95
3402-3403	K.ADRDQYELLCLDNTR.K	2015.1	3	2.60	0.1041	540.6	5	20/56		2.15	1.28	0.60
3507-3508	K.IMNGEADAMSLDGGFVYIAGK.C	2447.3	3	5.82	0.5138	3399.3	1	41/80		5.66	6.05	1.07

3519-3520	K.IMNGEADAMSLDGGFVYIAGK.C	2447.3	2	6.62	0.6962	3639.8	1	32/40	6.37	4.97	0.78
3522-3523	K.LCMGSGLNLCEPNNK.E	1973.2	3	2.98	0.3804	1138.6	1	27/56	2.8	1.23	0.44
3527-3528	K.LCMGSGLNLCEPNNK.E	1973.2	2	6.36	0.5372	2993.8	1	26/28	6.16	5.56	0.90
3574-3575	K.MYLGYEYVTAIR.N	1622.9	2	2.19	0.1631	260.6	10	12/22	1.85	1.41	0.76
3582-3583	R.TAGWNIPMGLLYNK.I	1866.1	3	4.28	0.3526	1163.1	1	25/52	4.15	2.46	0.59
3589-3590	R.TAGWNIPMGLLYNK.I	1866.1	2	5.34	0.4767	1572.1	1	25/26	5.22	3.44	0.66
3614-3615	R.TAGWNIPMGLLYNK.I	1866.1	2	6.21	0.4408	1850	1	26/26	5.61	4.88	0.87
3637-3638	K.IMNGEADAMSLDGGFVYIAGK.C	2447.3	3	3.69	0.328	1252.9	1	27/80	3.65	3.6	0.99
3777-3778	K.SVIPSDGPSVACVK.K	1693.1	2	2.25	0.229	642.1	1	16/26	2.16	2.26	1.05
3789-3790	K.CSTSSLLEACTFR.R	1654.0	2	4.73	0.7052	2948.4	1	23/24	4.71	4.73	1.00
3797-3798	K.CSTSSLLEACTFR.R	1654.0	3	2.83	0.2231	1081	1	22/48	3.24		0.00
3877-3878	R.SMGGKEDLIWELLNQAQEHFGK.D	2962.7	3	8.40	0.6354	2862.7	1	40/84	8.03	6.88	0.86
3999-4000	R.FDEFFSEGCAPGSK.K	1855.0	2	2.19	0.2027	433.7	5	15/26	2.25	1.99	0.88
4079-4080	K.IMNGEADAMSLDGGFVYIAGK.C	2447.3	3	3.21	0.3514	813.5	1	25/80	2.96	2.32	0.78
4114-4115	R.FDEFFSEGCAPGSK.K	1855.0	2	3.35	0.3919	1873.1	1	21/26	3.32	3.24	0.98
4142-4143	R.SAGWNIPIGLLYCDLPEPR.K	2304.3	3	3.62	0.4512	1239.4	1	31/72	2.4	1.4	0.58
4144-4145	R.SAGWNIPIGLLYCDLPEPR.K	2304.3	2	5.47	0.5364	1292.8	1	26/36	5.18	5.32	1.03
4369-4370	K.SASDLTWDNLK.G	1537.9	2	3.23	0.2843	1631.4	1	18/20	3.45		0.00
4424-4425	K.DGAGDVAFVK.H	1266.8	2	2.40	0.3008	1257.9	1	16/18	2.69	2.38	0.88
4472-4473	K.MYLGYEYVTAIR.N	1622.9	2	2.62	0.248	1333.8	1	20/22	2.76	2.34	0.85
4539-4540	R.TAGWNIPMGLLYNK.I	1866.1	3	2.60	0.0936	552.6	3	22/52	2.95	2.36	0.80
4624-4625	R.WCAVSEHEATK.C	1595.0	3	2.91	0.2291	802	1	22/40	2.68	3.12	1.16
4694-4695	R.TAGWNIPMGLLYNK.I	1866.1	3	3.32	0.2176	528	2	22/52	3.35	3.13	0.93
4752-4753	K.DGAGDVAFVK.H	1266.8	2	2.91	0.3238	1537.6	1	17/18	3.09	2.72	0.88
4849-4850	R.TAGWNIPMGLLYNK.I	1866.1	3	3.30	0.2197	688.9	3	22/52	3.43	3.03	0.88
4884-4885	K.SASDLTWDNLK.G	1537.9	2	2.29	0.1169	596.5	1	15/20	2.4	1.79	0.75
4947-4948	K.GDVAFVK.H	1023.7	2	2.32	0.3306	626.9	1	12/12	2.28	2.58	1.13
4949-4950	K.SVIPSDGPSVACVK.K	1693.1	3	2.52	0.1877	234.2	8	16/52	2.54	1.86	0.73
4954-4955	R.TAGWNIPMGLLYNK.I	1866.1	3	3.79	0.3721	361	4	20/52	3.72	3.04	0.82
5067-5068	R.TAGWNIPMGLLYNK.I	1866.1	3	3.60	0.324	553.1	1	24/52	3.52	2.61	0.74
5214-5215	K.DGAGDVAFVK.H	1266.8	2	2.42	0.2898	351.9	3	13/18	2.38	2.12	0.89
5219-5220	R.TAGWNIPMGLLYNK.I	1866.1	3	2.88	0.1998	466.6	6	21/52	3.06	2.01	0.66
5309-5310	K.DGAGDVAFVK.H	1266.8	2	2.46	0.3236	350.8	3	13/18	2.62	2.84	1.08
5409-5410	K.DGAGDVAFVK.H	1266.8	2	2.48	0.3298	371.3	7	13/18	2.53	2.47	0.98
5502-5503	K.DGAGDVAFVK.H	1266.8	2	2.53	0.2785	540.2	1	15/18	2.58	2.45	0.95
5522-5523	K.SVIPSDGPSVACVK.K	1693.1	3	3.11	0.352	284.2	6	18/52	2.67	3.02	1.13
5584-5585	R.DDTVCLAK.L	1198.8	2	2.88	0.4226	1159.4	1	14/14	2.84	3.15	1.11
5609-5610	K.DGAGDVAFVK.H	1266.8	2	2.59	0.2735	545.2	1	16/18	2.95	2.32	0.79
5689-5690	R.DDTVCLAK.L	1198.8	2	2.84	0.4598	661.5	1	14/14	2.73	2.5	0.92
5872-5873	R.DDTVCLAK.L	1198.8	2	2.25	0.4291	466.9	1	14/14	2.23	1.9	0.85
5874-5875	K.EGYYGYTGAFR.C	1427.7	2	2.78	0.3869	376.4	1	14/20	2.46	1.5	0.61
6194-6195	K.EGYYGYTGAFR.C	1427.7	2	2.04	0.4295	289.1	1	12/20	1.93	1.1	0.57
6292-6293	K.DLLFRDDTVCLAK.L	1843.2	3	3.17	0.3066	324	1	22/48	2.7	2.02	0.75
6579-6580	R.FDEFFSEGCAPGSK.K	1855.0	3	2.90	0.125	260.5	5	21/52	3.12	1.79	0.57
6677-6678	R.WCAVSEHEATK.C	1595.0	3	2.50	0.1693	709.9	3	19/40	2.46		0.00
6722-6723	K.GDVAFVK.H	1023.7	2	2.53	0.3008	979.1	1	12/12	2.64	2.42	0.92
6772-6773	R.KPVDEYK.D	1310.9	3	3.47	0.2528	1026.6	1	20/24	3.45	2.71	0.79
6837-6838	R.KPVDEYK.D	1310.9	3	2.99	0.2731	767.5	1	19/24	3.17	2.64	0.83
6902-6903	R.KPVDEYK.D	1310.9	3	3.30	0.2471	801.6	1	18/24	3.4	2.54	0.75
6954-6955	K.HQTVPQNTGGK.N	1454.9	3	3.62	0.3	1435.1	1	25/40	3		0.00
6969-6970	R.KPVDEYK.D	1310.9	3	2.99	0.1941	824.2	2	18/24	3.13	2.46	0.79
7084-7085	K.HQTVPQNTGGK.N	1454.9	3	3.53	0.3858	696	1	20/40	3.05		0.00

Reference File, Scan(s)	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score Delta Cn	Accession Sp	RSp	Peptides (Hits) Ions	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
gi|114939|sp|P00722|BGAL_ECOLI	**Beta-galactosidase (Lactase)**							38 (38 0 0 0 0)				
1457-1458	R.TDRPSQQLR.S	1244.7	2	2.30	0.2823	247.9	1	12/16		2.97	0.74	0.25
1462-1463	R.TDRPSQQLR.S	1244.7	3	3.37	0.3337	489.2	3	18/32		3.27	2.05	0.63
1872-1873	K.QNNFNAVR.C	1106.6	2	2.52	0.205	724.2	1	14/14		2.5	2.63	1.05
1879-1880	R.TPHPALTEAK.H	1352.9	2	2.70	0.5177	325.7	1	14/18		3.14	2.83	0.90
1992-1993	R.YSQQQLMETSHR.H	1651.9	3	4.40	0.3174	1772.9	1	27/44		4.88	3.96	0.81
2234-2235	R.WVGYGQDSR.L	1211.7	2	2.78	0.4339	1166.2	1	16/16		3.15	2.71	0.86
2282-2283	R.RDWENPGVTQLNR.L	1728.9	2	4.46	0.4649	1683	1	21/24		4.57	2.35	0.51
2432-2433	R.APLDNDIGVSEATR.I	1601.9	2	4.28	0.5958	2045.7	1	25/26		4.06	3.65	0.90
2512-2513	R.DWENPGVTQLNR.L	1572.8	2	4.21	0.4658	1863.5	1	21/22		3.93	3.64	0.93
2574-2575	K.HQQQFFQFR.L	1409.8	3	3.65	0.4321	1113.1	1	20/32		3.71	2.94	0.79
2652-2653	R.VDEDQPFPAVPK.W	1630.0	2	4.50	0.5578	2132.4	1	22/22		4.41	4.57	1.04
2659-2660	R.DVSLLHKPTTQISDFHVATR.F	2553.5	3	5.99	0.5367	1828.4	1	32/76		6.21	4.33	0.70
2734-2735	R.GDFQFNISR.Y	1227.7	2	3.54	0.4683	809.4	1	16/16		3.65	3.09	0.85
2739-2740	R.LAAHPPFASWR.N	1396.8	3	2.65	0.2628	439.9	1	20/40		2.49	2.68	1.08
2784-2785	R.IDPNAWVER.W	1243.7	2	2.40	0.3353	624.8	1	15/16		2.62	2.3	0.88
2819-2820	K.YWQAFR.Q	1014.6	2	2.10	0.2608	411.7	1	10/10		2.16	1.92	0.89
2879-2880	R.WLPAMSER.V	1133.6	2	2.11	0.2258	438.7	2	12/14		2.42	2.16	0.89
3012-3013	K.YDENGNPWSAYGGDFGDTPNDR.Q	2591.1	2	6.72	0.7639	2419.3	1	28/42		6.25	5.4	0.86
3087-3088	R.LAVMVLR.W	945.7	2	2.64	0.1646	738.6	2	12/12		3.02	2.6	0.86
3172-3173	R.WSDGSYLEDQDMWR.M	1931.9	2	5.63	0.6469	2554.3	1	25/26		5.71	4.69	0.82
3222-3223	R.VVQPNATAWSEAGHISAWQQWR.L	2666.4	3	7.27	0.6402	2276.3	1	43/84		6.85	6.9	1.01
3262-3263	R.IGLNCQLAQVAER.V	1605.0	2	4.89	0.5502	1804.3	1	22/24		5.07	4.54	0.90
3264-3265	R.VNWLGLGPQENYPDR.L	1902.0	2	5.80	0.4556	1922.5	1	23/28		5.49	4.79	0.87
3274-3275	R.IGLNCQLAQVAER.V	1605.0	3	4.07	0.353	1463.7	1	23/48		4.15	2.52	0.61
3282-3283	R.YGLYVVDEANIETHGMVPMNR.L	2552.3	3	6.76	0.6193	2794.6	1	38/80		6.46	6.26	0.97
3404-3405	R.WSDGSYLEDQDMWR.M	1931.9	2	3.10	0.4259	557.2	1	17/26		2.98	2.21	0.74
3472-3473	R.AVVELHTADGTLIEAEACDVGFR.E	2606.4	3	7.85	0.6713	2320.9	1	39/88		7.38	7.68	1.04
3482-3483	R.QFCMNGLVFADR.T	1590.9	2	4.51	0.3872	1969.5	1	22/22		4.55	3.62	0.80
3509-3510	R.LSGQTIEVTSEYLFR.H	1887.1	2	7.07	0.5777	2591.3	1	25/28		6.81	5.19	0.76
3512-3513	R.LSGQTIEVTSEYLFR.H	1887.1	3	4.70	0.446	2019.9	1	31/56		4.34	3.53	0.81
3562-3563	R.VTVSLWQGETQVASGTAPFGGEIIDER.G	2991.6	2	6.29	0.7838	2415.3	1	32/52		5.75		0.00
3642-3643	R.AVLEAEVQMCGELR.D	1738.0	2	5.36	0.6209	3588.6	1	24/26		5.1	4.72	0.93
3782-3783	R.AVLEAEVQMCGELR.D	1738.0	2	4.74	0.5461	2894.9	1	22/26		4.7	4.04	0.86
3892-3893	R.LPSEFDLSAFLR.A	1538.9	2	4.02	0.4997	1006.9	1	21/22		4.32	3.11	0.72
3922-3923	K.QLIELPELPQPESAGQLWLTVR.V	2661.5	3	6.22	0.6225	2168.6	1	38/84		5.97	6.15	1.03
3929-3930	K.QLIELPELPQPESAGQLWLTVR.V	2661.5	2	4.54	0.6331	1606.5	1	30/42		4.42	4.53	1.02
4044-4045	R.LQGGFVWDWVDQSLIK.Y	2179.3	3	5.14	0.4918	908.9	1	27/60		5.03	5.09	1.01
4052-4053	R.LQGGFVWDWVDQSLIK.Y	2179.3	2	7.53	0.6061	4336.9	1	29/30		7.23	6.19	0.86

Reference File, Scan(s)	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score Delta Cn	Accession Sp	RSp	Peptides (Hits) Ions	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
gi|125910|sp|P02754|LACB_BOVIN	**Beta-lactoglobulin precursor (Beta-LG)**							126 (126 0 0 0 0)				
2112-2113	K.GLDIQK.V	961.7	2	2.41	0.2276	470.9	1	10/10		2.73	2.26	0.83
2114-2115	K.IDALNENK.V	1204.8	1	3.27	0.3159	784.5	1	14/14		2.87	3.44	1.20
2119-2120	K.GLDIQK.V	961.7	1	2.12	0.1934	725.7	2	10/10		1.97	2.05	1.04

2182-2183	K.IDALNENK.V	1204.8	2	3.54	0.4017	1283.4	1 14/14	3.78	3.34	0.88
2217-2218	K.ALPMHIR.L	981.6	2	2.27	0.2927	703.7	1 12/12	2.45	2.21	0.90
2222-2223	K.WENGECAQK.K	1398.9	2	3.60	0.4182	1331.1	1 16/16	3.63	3.44	0.95
2249-2250	R.TPEVDDEALEK.F	1533.9	2	4.62	0.5386	1657.8	1 19/20	4.56	4.19	0.92
2262-2263	K.GLDIQK.V	961.7	2	2.19	0.216	701.7	1 10/10	2.22	1.93	0.87
2269-2270	R.TPEVDDEALEK.F	1533.9	1	3.76	0.4924	1098.5	1 17/20	3.25	4.08	1.26
2322-2323	K.IDALNENK.V	1204.8	2	3.25	0.4111	1209.8	1 14/14	3.34	3.33	1.00
2362-2363	K.WENGECAQK.K	1398.9	2	2.65	0.176	1270.6	1 16/16	2.89	2.18	0.75
2437-2438	K.TKIPAVFK.I	1336.0	3	3.26	0.4779	1265.2	1 23/28	3.8	2.72	0.72
2442-2443	K.TKIPAVFK.I	1336.0	2	3.41	0.3916	541.8	1 12/14	3.69	2.79	0.76
2554-2555	K.VLVLDTDYKK.Y	1626.2	2	4.31	0.5069	2091	1 18/18	4.81	4.07	0.85
2582-2583	K.VLVLDTDYKK.Y	1626.2	1	3.88	0.5977	1100	1 15/18	3.48		0.00
2619-2620	K.TKIPAVFK.I	1336.0	3	3.90	0.3688	1411.4	1 21/28	3.93	3.01	0.77
2667-2668	R.TPEVDDEALEKFDK.A	2068.3	3	5.48	0.5466	2150	1 33/52	5.73	3.87	0.68
2682-2683	R.TPEVDDEALEKFDK.A	2068.3	2	5.85	0.5577	2354	1 23/26	5.78	4.94	0.85
2707-2708	K.VLVLDTDYKK.Y	1626.2	3	3.95	0.5445	1536.1	1 26/36	3.45	3.87	1.12
2767-2768	K.IPAVFK.I	962.7	1	1.89	0.276	450.5	1 9/10	1.75	1.93	1.10
2894-2895	K.VLVLDTDYK.K	1353.9	1	3.37	0.4146	1626.7	1 16/16	2.6	3.44	1.32
2952-2953	K.VLVLDTDYK.K	1353.9	2	3.35	0.2576	1528	1 16/16	3.19	3.39	1.06
3497-3498	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	7.64	0.5672	3005.6	1 37/76	7.56	6.27	0.83
3504-3505	R.VYVEELKPTPEGDLEILLQK.W	2745.7	2	5.78	0.5081	1265	1 26/38	5.25	5.26	1.00
3627-3628	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	7.12	0.5669	2787.9	1 36/76	7.05	5.9	0.84
3732-3733	R.LSFNPTQLEEQCHI.-	1849.0	2	5.21	0.6072	2464.5	1 24/26	5.14	5.16	1.00
3744-3745	R.LSFNPTQLEEQCHI.-	1849.0	3	4.43	0.3165	1637.7	1 27/52	4.49	2.64	0.59
3787-3788	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.82	0.6125	2448.8	1 35/76	6.46	5.11	0.79
3857-3858	R.LSFNPTQLEEQCHI.-	1849.0	2	5.23	0.6009	2689.8	1 25/26	5	5.21	1.04
3957-3958	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	4.65	0.395	1019.3	1 33/76	4.28		0.00
3992-3993	R.LSFNPTQLEEQCHI.-	1849.0	2	5.30	0.537	2562.8	1 25/26	5.03	5.13	1.02
4107-4108	R.LSFNPTQLEEQCHI.-	1849.0	2	4.96	0.5411	2140.5	1 23/26	4.9	4.4	0.90
4119-4120	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.94	0.5331	2538.6	1 37/76	6.46	6.31	0.98
4162-4163	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	2	7.68	0.7664	3961.8	1 33/50	6.5	7.28	1.12
4207-4208	R.LSFNPTQLEEQCHI.-	1849.0	2	4.24	0.4805	1057.9	1 17/26	3.97	4.09	1.03
4264-4265	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	2	7.54	0.7406	3824.3	1 31/50	6.84		0.00
4307-4308	K.ALPMHIRLSFNPTQLEEQCHI.-	2667.5	3	2.53	0.2263	236.3	1 17/80	2.53	2.89	1.14
4314-4315	R.LSFNPTQLEEQCHI.-	1849.0	2	4.62	0.5629	2323.6	1 24/26	4.39	4.27	0.97
4334-4335	K.VLVLDTDYK.K	1353.9	2	3.18	0.2904	1441.6	1 15/16	3.16		0.00
4337-4338	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.72	0.5916	2726.7	1 36/76	6.64		0.00
4384-4385	K.VLVLDTDYKK.Y	1626.2	3	3.67	0.468	1019.6	1 24/36	3.67	3.42	0.93
4419-4420	R.LSFNPTQLEEQCHI.-	1849.0	2	5.09	0.5171	2512.5	1 25/26	5.07	4.42	0.87
4474-4475	K.IDALNENK.V	1204.8	2	3.27	0.3658	1192	1 14/14	3.26	2.99	0.92
4529-4530	R.LSFNPTQLEEQCHI.-	1849.0	2	5.17	0.4999	2531.6	1 25/26	5.18	4.71	0.91
4554-4555	K.VLVLDTDYK.K	1353.9	2	3.03	0.3182	1321	1 15/16	2.98		0.00
4604-4605	K.VLVLDTDYKK.Y	1626.2	3	3.11	0.334	321.4	1 21/36	3.45	2.29	0.66
4634-4635	R.LSFNPTQLEEQCHI.-	1849.0	2	5.30	0.5352	2296	1 24/26	5.02	4.86	0.97
4647-4648	R.TPEVDDEALEKFDK.A	2068.3	3	3.08	0.2915	645.1	1 22/52	3.13		0.00
4664-4665	K.VLVLDTDYK.K	1353.9	2	3.26	0.3323	1522.8	1 16/16	3.27	3.1	0.95
4669-4670	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	5.15	0.4672	1328.2	1 35/100	4.48	5.19	1.16
4674-4675	K.TKIPAVFK.I	1336.0	3	3.09	0.3898	1500.2	1 21/28	2.86	3.39	1.19
4714-4715	K.IDALNENK.V	1204.8	2	3.30	0.4094	1314.1	1 14/14	3.58	3.09	0.86
4722-4723	K.VLVLDTDYKK.Y	1626.2	3	4.00	0.4653	874	1 23/36	3.83	3.62	0.95
4742-4743	R.LSFNPTQLEEQCHI.-	1849.0	2	5.04	0.5173	2431.1	1 24/26	5.06	4.79	0.95
4767-4768	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	7.23	0.5208	2687.7	1 36/76	7.15	6.25	0.87
4787-4788	K.VLVLDTDYK.K	1353.9	2	3.36	0.3194	1564.9	1 16/16	3.36	3.23	0.96
4822-4823	K.IDALNENK.V	1204.8	2	3.20	0.2949	1299.7	1 14/14	3.29	3.36	1.02
4829-4830	K.VLVLDTDYKK.Y	1626.2	3	3.87	0.4414	903.2	1 23/36	3.89	3.36	0.86
4832-4833	R.TPEVDDEALEKFDK.A	2068.3	3	3.39	0.3398	1043.2	1 28/52	3.65	2.14	0.59
4847-4848	R.LSFNPTQLEEQCHI.-	1849.0	2	5.28	0.5218	2528.3	1 25/26	5.13	4.49	0.88
4852-4853	K.TKIPAVFK.I	1336.0	3	3.94	0.3817	871.4	1 21/28	3.82	2.95	0.77
4877-4878	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	3.90	0.2547	437.6	1 25/100	3.43	5.04	1.47
4927-4928	K.VLVLDTDYK.K	1353.9	2	2.94	0.3259	1310.3	1 15/16	3.18	3.11	0.98
4929-4930	K.IDALNENK.V	1204.8	2	3.26	0.3566	1169.4	1 14/14	3.46	3.27	0.95
4952-4953	R.LSFNPTQLEEQCHI.-	1849.0	2	4.99	0.5512	2307.5	1 24/26	4.75	4.56	0.96
4957-4958	K.TKIPAVFK.I	1336.0	3	3.51	0.3517	729.7	2 19/28	3.29	3.64	1.11
4962-4963	R.TPEVDDEALEKFDK.A	2068.3	3	3.80	0.4684	1009.5	1 28/52	3.73		0.00
4982-4983	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	4.89	0.4332	1031.2	1 32/100	4.52	5.83	1.29
4989-4990	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.81	0.5312	2978	1 38/76	7.02	6.62	0.94
5039-5040	K.IDALNENK.V	1204.8	2	3.06	0.3146	1154.4	1 14/14	3.1	3.38	1.09
5052-5053	K.VLVLDTDYK.K	1353.9	2	3.04	0.3155	891.8	1 15/16	3	2.36	0.79
5054-5055	K.VLVLDTDYKK.Y	1626.2	3	3.73	0.3994	938.6	1 23/36	3.74	3.4	0.91
5057-5058	R.LSFNPTQLEEQCHI.-	1849.0	2	5.02	0.5347	2586.3	1 25/26	5	5.03	1.01
5072-5073	K.TKIPAVFK.I	1336.0	3	3.43	0.4408	1113.9	1 22/28	3.6	3.29	0.91
5087-5088	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	5.93	0.5001	1654.2	1 37/100	5.5	5.26	0.96
5097-5098	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	7.50	0.5498	2691.4	1 37/76	7.16	6	0.84
5134-5135	R.TPEVDDEALEKFDK.A	2068.3	3	2.72	0.1778	516.2	1 26/52	3.15	2.94	0.93
5152-5153	K.VLVLDTDYK.K	1353.9	2	3.04	0.3461	676.2	1 15/16	3.07	2.9	0.94
5157-5158	R.LSFNPTQLEEQCHI.-	1849.0	2	5.33	0.509	2531.2	1 25/26	5.23	4.45	0.85
5164-5165	K.IDALNENK.V	1204.8	2	3.17	0.3175	1119.4	1 14/14	3.17	3.51	1.11
5167-5168	K.VLVLDTDYKK.Y	1626.2	3	3.92	0.4234	850.4	1 23/36	3.87	3.75	0.97
5189-5190	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	7.03	0.5958	1761.8	1 37/100	6.37	6.81	1.07
5199-5200	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	7.34	0.5302	2922.1	1 37/76	7.18		0.00
5252-5253	R.LSFNPTQLEEQCHI.-	1849.0	2	5.23	0.5273	2621.3	1 25/26	5.06	4.81	0.95
5257-5258	K.VLVLDTDYK.K	1353.9	2	2.21	0.3818	327.6	1 14/16	2.51	0.4	0.16
5277-5278	K.IDALNENK.V	1204.8	2	3.18	0.3223	916.6	1 14/14	3.2	3.42	1.07
5289-5290	K.VLVLDTDYKK.Y	1626.2	3	3.97	0.5104	1046	1 24/36	3.85	3.71	0.96
5319-5320	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	7.09	0.5523	2692.2	1 37/76	6.8	5.84	0.86
5334-5335	K.TKIPAVFK.I	1336.0	3	3.70	0.3471	834.5	1 20/28	3.58	3.16	0.88
5347-5348	R.LSFNPTQLEEQCHI.-	1849.0	2	5.20	0.51	2236.7	1 24/26	5.13	4.13	0.81
5352-5353	K.VLVLDTDYK.K	1353.9	2	2.71	0.2481	416.4	1 14/16	3.08	1.07	0.35
5382-5383	K.IDALNENK.V	1204.8	2	3.16	0.359	1172.4	1 14/14	3.16	3.46	1.09
5384-5385	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	6.37	0.5573	1650.5	1 37/100	6.15	5.55	0.90
5422-5423	K.VLVLDTDYKK.Y	1626.2	3	3.70	0.3811	901.7	1 22/36	3.75	3.4	0.91
5434-5435	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	7.60	0.5595	2551.1	1 36/76	7.28	6.39	0.88
5442-5443	R.LSFNPTQLEEQCHI.-	1849.0	2	5.28	0.5562	2654.8	1 25/26	4.96	4.82	0.97
5457-5458	K.VLVLDTDYK.K	1353.9	2	2.68	0.2555	601.3	1 15/16	3.25	1.81	0.56
5479-5480	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	4.30	0.3667	743.8	1 30/100	4.08	4.45	1.09
5489-5490	K.IDALNENK.V	1204.8	2	3.18	0.3238	810.4	1 14/14	3.17	3.23	1.02
5549-5550	R.LSFNPTQLEEQCHI.-	1849.0	2	5.32	0.4926	2350.4	1 24/26	5.17	4.35	0.84
5564-5565	K.VLVLDTDYK.K	1353.9	2	2.55	0.2686	506.4	1 15/16	3.02	2.01	0.67
5589-5590	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	3.33	0.1102	302.2	3 22/100	3.44		0.00
5629-5630	K.IDALNENK.V	1204.8	2	3.27	0.3538	1304.3	1 14/14	3.2	3.35	1.05
5652-5653	R.LSFNPTQLEEQCHI.-	1849.0	2	5.05	0.519	2606.7	1 25/26	5.08	5.04	0.99
5674-5675	K.VLVLDTDYK.K	1353.9	2	2.34	0.2678	520.2	1 15/16	3.1	1.41	0.45
5734-5735	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	2.98	0.0804	336.6	1 24/100	2.93	3.64	1.24

5744-5745	K.IDALNENK.V	1204.8	2	3.10	0.3672	1505.6	1	14/14	3.1	3.18	1.03
5759-5760	R.LSFNPTQLEEQCHI.-	1849.0	2	4.80	0.5131	2270.9	1	24/26	4.74	3.93	0.83
5889-5890	K.IDALNENK.V	1204.8	2	2.81	0.3638	1064.2	1	14/14	2.94	3.29	1.12
6557-6558	K.VLVLDTDYK.K	1353.9	2	2.30	0.2738	463.8	1	14/16	2.56	0.79	0.31
6564-6565	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	3.58	0.2927	275.4	5	22/100	3.22		0.00
6572-6573	R.LSFNPTQLEEQCHI.-	1849.0	2	5.20	0.498	2225	1	24/26	5.21	4.81	0.92
6584-6585	K.IDALNENK.V	1204.8	2	3.31	0.3495	1383.6	1	14/14	3.23	3.37	1.04
6604-6605	K.VLVLDTDYKK.Y	1626.2	3	3.72	0.4234	1220.8	1	25/36	3.67	3.83	1.04
6619-6620	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.95	0.5238	2592.9	1	36/76	6.83	5.6	0.82
6624-6625	K.TKIPAVFK.I	1336.0	3	3.46	0.3458	807	1	18/28	3.52	2.8	0.80
6654-6655	R.TPEVDDEALEKFDK.A	2068.3	3	4.02	0.4601	1174.6	1	30/52	4.51	4.17	0.92
6657-6658	K.IDALNENK.V	1204.8	2	3.20	0.3855	1149.6	1	14/14	3.19	3.03	0.95
6692-6693	K.TKIPAVFK.I	1336.0	3	2.60	0.4095	368.2	2	16/28	2.61	3.06	1.17
6709-6710	K.VLVLDTDYK.K	1353.9	2	3.57	0.2633	1583.3	1	16/16	3.41	3.32	0.97
6729-6730	K.IDALNENK.V	1204.8	2	3.54	0.3515	1066.5	1	14/14	3.62	3.44	0.95
6744-6745	K.VLVLDTDYKK.Y	1626.2	3	3.82	0.508	1271.8	1	25/36	3.69	4.05	1.10
6757-6758	K.TKIPAVFK.I	1336.0	3	3.48	0.3852	986.9	1	20/28	3.38	3.54	1.05
6774-6775	K.GLDIQK.V	961.7	2	2.43	0.1536	661	2	10/10	2.17	2.36	1.09
6792-6793	K.IDALNENK.V	1204.8	2	3.48	0.36	1102.4	1	14/14	3.4	3.46	1.02
6844-6845	K.GLDIQK.V	961.7	2	2.31	0.1649	581.9	1	10/10	2.18	2.15	0.99

Reference File, Scan(s)	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score Delta Cn	Accession Sp	RSp	Peptides (Hits) Ions	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
gi|125996|sp|P00711|LALBA_BOVIN Alpha-lactalbumin precursor								38 (38 0 0 0 0)				
2122-2123	K.ALCSEK.L	984.7	2	2.04	0.2245	387.9	3	10/10		2.33	1.7	0.73
2124-2125	K.ALCSEK.L	984.7	1	2.07	0.3246	577.2	1	10/10		2	2.05	1.03
2562-2563	K.CEVFR.E	843.6	1	1.89	0.2029	337.3	1	8/8		1.69	1.75	1.04
2862-2863	K.DDQNPHSSNICNISCDK.F	2270.3	3	6.07	0.5663	2617.3	1	33/64		5.53	5.01	0.91
2872-2873	K.DDQNPHSSNICNISCDK.F	2270.3	2	6.20	0.6105	2254.6	1	25/32		5.69	5.18	0.91
2954-2955	K.VGINYWLAHK.A	1489.0	3	3.80	0.4103	1861.2	1	26/36		3.98	3.39	0.85
2959-2960	K.VGINYWLAHK.A	1489.0	2	4.85	0.3782	1750	1	18/18		4.94	4.54	0.92
3149-3150	K.IWCKDDQNPHSSNICNISCDK.F	2990.8	3	3.59	0.2632	264.7	4	20/80		3.3	2.61	0.79
3289-3290	K.LDQWLCEK.L	1368.9	2	3.34	0.2334	1103.2	1	14/14		3.32	3.02	0.91
3332-3333	K.LDQWLCEK.L	1368.9	2	2.96	0.4117	1749.3	1	14/14		2.73	2.88	1.05
3452-3453	K.FLDDDLTDDIMCVKK.I	2249.4	3	4.77	0.4657	2784	1	32/56		4.56	3.6	0.79
3672-3673	K.FLDDDLTDDIMCVK.K	1977.1	3	5.24	0.4841	2059.9	1	32/52		4.54	5.05	1.11
3674-3675	K.FLDDDLTDDIMCVK.K	1977.1	2	6.52	0.5694	4533	1	26/26		6.47	5.7	0.88
3737-3738	K.LDQWLCEKL.-	1482.0	2	3.62	0.4786	1550.3	1	15/16		3.95	3	0.76
3754-3755	K.LDQWLCEKL.-	1482.0	1	3.64	0.5129	775.2	1	14/16		3.23	3.57	1.11
3867-3868	K.LDQWLCEKL.-	1482.0	2	3.23	0.2786	1607.2	1	14/16		3.21	2.91	0.91
3897-3898	K.ALCSEKLDQWLCEKL.-	2303.5	3	4.39	0.5116	1642.9	1	28/56		4.42	4.3	0.97
3994-3995	K.LDQWLCEKL.-	1482.0	2	3.65	0.4278	1823.6	1	15/16		3.76	3.19	0.85
4112-4113	K.LDQWLCEKL.-	1482.0	2	3.50	0.3787	1706.7	1	15/16		3.66	3.18	0.87
4347-4348	K.LDQWLCEKL.-	1482.0	2	3.29	0.458	1480.8	1	15/16		3.5	2.87	0.82
4452-4453	K.LDQWLCEKL.-	1482.0	2	3.46	0.3564	1375.8	1	15/16		1.63	1.83	1.12
4562-4563	K.LDQWLCEKL.-	1482.0	2	4.09	0.4666	1358.1	1	15/16		3.77	3.34	0.89
4672-4673	K.LDQWLCEKL.-	1482.0	2	3.79	0.4819	1099.1	1	15/16		3.92	2.98	0.76
4784-4785	K.LDQWLCEKL.-	1482.0	2	3.81	0.4678	914	1	15/16		3.86	3.13	0.81
4792-4793	K.CEVFR.E	843.6	2	2.03	0.1276	627.3	2	8/8		1.68	1.78	1.06
4892-4893	K.LDQWLCEKL.-	1482.0	2	3.41	0.3868	1405.5	1	15/16		3.54	3.19	0.90
4999-5000	K.LDQWLCEKL.-	1482.0	2	3.46	0.4158	1438.8	1	15/16		1.36	1.46	1.07
5109-5110	K.LDQWLCEKL.-	1482.0	2	3.39	0.3656	1072.7	1	15/16		3.69	3.01	0.82
5212-5213	K.LDQWLCEKL.-	1482.0	2	3.64	0.4747	932	1	15/16		3.96	3.07	0.78
5314-5315	K.LDQWLCEKL.-	1482.0	2	3.52	0.365	1149.2	1	15/16		3.74	2.93	0.78
5427-5428	K.LDQWLCEKL.-	1482.0	2	3.29	0.3814	1084	1	15/16		3.57	2.67	0.75
5494-5495	K.CEVFR.E	843.6	2	2.03	0.1441	500.8	2	8/8		1.47	1.84	1.25
5527-5528	K.LDQWLCEKL.-	1482.0	2	3.56	0.3757	1617.5	1	15/16		3.75	3	0.80
5709-5710	K.LDQWLCEKL.-	1482.0	2	3.39	0.3945	1046.1	1	15/16		3.63	3.06	0.84
5762-5763	K.LDQWLCEK.L	1368.9	2	2.75	0.1153	501	1	13/14		2.74	1.74	0.64
6019-6020	K.LDQWLCEKL.-	1482.0	2	3.36	0.432	847.9	1	15/16		3.53	2.83	0.80
6224-6225	K.LDQWLCEKL.-	1482.0	2	3.03	0.3843	746.2	1	15/16		3.35	3.14	0.94
6682-6683	K.ALCSEK.L	984.7	2	2.06	0.1088	406.7	4	9/10		2.09	1.96	0.94

Reference File, Scan(s)	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score Delta Cn	Accession Sp	RSp	Peptides (Hits) Ions	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
gi|126608|sp|P00698|LYSC_CHICK Lysozyme C precursor (1,4-beta-N-acetylmuramida								170 (170 0 0 0 0)				
1564-1565	R.HGLDNYR.G	1018.6	2	2.06	0.1744	754	1	12/12		2.13	1.93	0.91
2194-2195	K.FESNFNTQATNR.N	1572.8	2	4.79	0.5066	1947.1	1	21/22		4.93	4.1	0.83
2237-2238	K.FESNFNTQATNR.N	1572.8	1	3.69	0.6147	418.4	1	15/22		3.68	4.01	1.09
2344-2345	K.FESNFNTQATNR.N	1572.8	2	4.68	0.4668	2454.4	1	21/22		4.6	4.01	0.87
2749-2750	K.GTDVQAWIR.G	1189.7	2	3.87	0.3905	1095.8	1	16/16		4.17	3.35	0.80
2754-2755	R.CELAAAMK.R	1170.8	2	3.23	0.4152	1634.8	1	14/14		3.57	3.09	0.87
2759-2760	K.GTDVQAWIR.G	1189.7	1	2.66	0.2476	752.8	2	14/16		2.4	3.07	1.28
2769-2770	R.CELAAAMK.R	1170.8	1	2.86	0.4375	1276.7	1	14/14		2.58	2.82	1.09
2777-2778	R.NTDGSTDYGILQINSR.W	1898.0	2	5.39	0.6619	3368.9	1	28/30		4.88	5.45	1.12
2789-2790	K.GTDVQAWIR.G	1189.7	1	2.95	0.1965	731.6	2	14/16		2.76	2.99	1.08
2792-2793	R.NTDGSTDYGILQINSR.W	1898.0	1	3.81	0.6853	567.2	1	18/30		3.82		0.00
2882-2883	K.GTDVQAWIR.G	1189.7	2	2.77	0.2448	1073.4	1	16/16		2.99	2.81	0.94
2887-2888	R.CELAAAMK.R	1170.8	2	3.32	0.3963	1819.4	1	14/14		3.59	3.11	0.87
2917-2918	R.NTDGSTDYGILQINSR.W	1898.0	2	6.24	0.6607	3431.6	1	28/30		5.65	5.22	0.92
2922-2923	R.NTDGSTDYGILQINSR.W	1898.0	3	4.25	0.4345	1558.6	1	28/60		4.22	2.79	0.66
2962-2963	R.WWCNDGR.T	1126.6	2	2.08	0.2934	537	1	12/12		2.65	1.48	0.56
2967-2968	R.WWCNDGR.T	1126.6	1	2.44	0.3465	565.9	1	12/12		2.22	2.48	1.12
3042-3043	R.CELAAAMK.R	1170.8	2	3.21	0.3825	1507.2	1	14/14		3.41	3.03	0.89
3057-3058	K.KIVSDGNGMNAWVAWR.N	2092.2	3	5.55	0.3985	3789.1	1	39/60		5.5	5.01	0.91
3074-3075	K.KIVSDGNGMNAWVAWR.N	2092.2	2	6.23	0.4739	2359.1	1	27/30		6.03	5.19	0.86
3092-3093	R.WWCNDGR.T	1126.6	2	2.68	0.2791	874.3	1	12/12		2.93	2.08	0.71
3167-3168	K.GTDVQAWIR.G	1189.7	2	3.46	0.381	1100.8	1	16/16		3.62	3.23	0.89
3299-3300	R.WWCNDGR.T	1126.6	2	2.16	0.2616	682	1	12/12		2.32	2.24	0.97
3349-3350	K.IVSDGNGMNAWVAWR.N	1820.0	3	3.58	0.2311	1380.4	1	24/56		3.52	2.45	0.70
3357-3358	R.GYSLGNWVCAAK.F	1603.0	3	2.92	0.3436	1341.3	1	26/44		3.13	2.25	0.72
3359-3360	K.IVSDGNGMNAWVAWR.N	1820.0	2	5.30	0.5577	2620.3	1	26/28		5.08	5.27	1.04
3362-3363	R.GYSLGNWVCAAK.F	1603.0	2	4.93	0.6956	2955.2	1	22/22		4.94	4.78	0.97
3364-3365	R.GYSLGNWVCAAK.F	1603.0	1	4.53	0.6653	1955.8	1	20/22		3.42	4.58	1.34
3389-3390	R.GYSLGNWVCAAK.F	1603.0	1	4.26	0.6102	1496.7	1	17/22		3.39	4.54	1.34
3424-3425	K.GTDVQAWIR.G	1189.7	2	3.61	0.3283	873.4	1	16/16		3.67	3.61	0.98
3434-3435	K.IVSDGNGMNAWVAWR.N	1820.0	1	2.32	0.4541	686.3	1	20/28		2.11		0.00
3449-3450	R.WWCNDGR.T	1126.6	2	2.14	0.1642	714.1	1	11/12		2.18	2.57	1.18
3462-3463	K.IVSDGNGMNAWVAWR.N	1820.0	2	3.74	0.4228	2510.7	1	26/28		3.7	3.63	0.98
3554-3555	R.GYSLGNWVCAAK.F	1603.0	2	5.04	0.6798	3100.7	1	22/22		4.98	3.56	0.71
3612-3613	K.IVSDGNGMNAWVAWR.N	1820.0	2	4.58	0.5609	1876.3	1	22/28		4.39	4.13	0.94

3634-3635	R.WWCNDGR.T	1126.6	2	2.06	0.2833	560.9	1 12/12	2.17	2.23	1.03
3772-3773	R.WWCNDGR.T	1126.6	2	2.14	0.2437	584.6	2 11/12	2.35	1.88	0.80
3809-3810	R.GYSLGNWVCAAK.F	1603.0	2	4.57	0.6762	2990.7	1 21/22	4.39		0.00
3907-3908	R.WWCNDGR.T	1126.6	2	2.07	0.1978	794.7	1 12/12	2.32	1.73	0.75
3909-3910	K.IVSDGNGMNAWVAWR.N	1820.0	2	4.15	0.4512	2452	1 26/28	3.71		0.00
4054-4055	R.NLCNIPCSALLSSDITASVNCAKK.I	3036.0	3	6.78	0.6475	1421.6	1 35/92	6.8	5.66	0.83
4069-4070	R.WWCNDGR.T	1126.6	2	2.27	0.2296	815.2	1 12/12	2.54	2.46	0.97
4117-4118	K.FESNFNTQATNR.N	1572.8	2	2.77	0.1975	473.7	6 15/22	2.74		0.00
4122-4123	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	3.84	0.407	212.3	1 22/88	3.39	4.16	1.23
4149-4150	K.GTDVQAWIR.G	1189.7	2	2.86	0.2807	529.4	5 14/16	2.78	2.35	0.85
4209-4210	R.WWCNDGR.T	1126.6	2	2.17	0.2601	765.5	1 12/12	2.35	1.74	0.74
4257-4258	R.CELAAAMK.R	1170.8	2	2.93	0.4382	1226.5	1 14/14	3.27	2.61	0.80
4277-4278	K.GTDVQAWIR.G	1189.7	2	3.10	0.3847	1078.6	1 16/16	3.43	3.1	0.90
4279-4280	R.GYSLGNWVCAAK.F	1603.0	2	4.81	0.6828	2717.9	1 22/22	4.72		0.00
4312-4313	R.WWCNDGR.T	1126.6	2	2.14	0.2091	702.1	1 12/12	2.63	1.93	0.73
4367-4368	R.CELAAAMK.R	1170.8	2	3.34	0.3959	1656.5	1 14/14	3.53	3.13	0.89
4372-4373	R.GYSLGNWVCAAK.F	1603.0	3	2.83	0.3084	860.8	1 21/44	2.76	2.99	1.08
4387-4388	K.GTDVQAWIR.G	1189.7	2	3.39	0.2914	1033.4	1 16/16	3.75	3.39	0.90
4389-4390	R.GYSLGNWVCAAK.F	1603.0	2	4.99	0.6972	3057	1 22/22	5.08	4.28	0.84
4392-4393	K.FESNFNTQATNR.N	1572.8	2	3.79	0.5442	1346	1 19/22	3.78		0.00
4417-4418	R.WWCNDGR.T	1126.6	2	2.07	0.3043	609.1	1 12/12	2.21	1.97	0.89
4477-4478	R.CELAAAMK.R	1170.8	2	3.43	0.4169	1846	1 14/14	3.48	2.89	0.83
4482-4483	R.GYSLGNWVCAAK.F	1603.0	3	3.08	0.3414	998.9	1 24/44	2.82	3.31	1.17
4504-4505	R.GYSLGNWVCAAK.F	1603.0	2	5.02	0.6857	2277.4	1 21/22	5.05	5.04	1.00
4509-4510	K.GTDVQAWIR.G	1189.7	2	3.56	0.3028	1099.2	1 16/16	4.19	3.72	0.89
4527-4528	R.WWCNDGR.T	1126.6	2	2.27	0.3508	715.4	1 12/12	2.47	2	0.81
4537-4538	K.FESNFNTQATNR.N	1572.8	2	4.56	0.5351	2061.2	1 21/22	4.83	4.03	0.83
4567-4568	K.IVSDGNGMNAWVAWR.N	1820.0	2	4.90	0.52	2561.6	1 26/28	4.82	4.23	0.88
4587-4588	R.CELAAAMK.R	1170.8	2	2.71	0.4465	995	1 14/14	2.89	2.33	0.81
4597-4598	R.GYSLGNWVCAAK.F	1603.0	3	2.74	0.3172	1138.6	1 23/44	2.84	2.39	0.84
4612-4613	K.GTDVQAWIR.G	1189.7	2	3.35	0.3255	939.1	1 16/16	3.6	3.35	0.93
4632-4633	R.WWCNDGR.T	1126.6	2	2.32	0.347	578.2	1 12/12	2.39	1.98	0.83
4639-4640	K.KIVSDGNGMNAWVAWR.N	2092.2	3	5.46	0.4596	3077	1 34/60	5.32		0.00
4644-4645	K.FESNFNTQATNR.N	1572.8	2	5.04	0.5063	2097.4	1 22/22	4.76	4.6	0.97
4657-4658	R.GYSLGNWVCAAK.F	1603.0	2	5.10	0.681	2652.2	1 22/22	5.12	4.5	0.88
4697-4698	R.CELAAAMK.R	1170.8	2	3.22	0.4204	1569.4	1 14/14	3.37	2.69	0.80
4699-4700	K.IVSDGNGMNAWVAWR.N	1820.0	2	5.11	0.5637	2546.4	1 26/28	4.94	4.28	0.87
4724-4725	K.GTDVQAWIR.G	1189.7	2	3.83	0.3043	977.7	1 16/16	4.32	3.29	0.76
4752-4753	R.NTDGSTDYGILQINSR.W	1898.0	3	3.31	0.2654	1337.5	1 28/60	3.57	2.5	0.70
4754-4755	K.FESNFNTQATNR.N	1572.8	2	4.93	0.5565	1946	1 21/22	4.69	3.96	0.84
4779-4780	R.GYSLGNWVCAAK.F	1603.0	2	5.34	0.6883	2793.5	1 22/22	5.28	4.8	0.91
4802-4803	R.CELAAAMK.R	1170.8	2	3.16	0.4014	1698.5	1 14/14	3.3	3.01	0.91
4809-4810	K.IVSDGNGMNAWVAWR.N	1820.0	2	5.26	0.5397	2618.7	1 26/28	4.99	4	0.80
4812-4813	R.GYSLGNWVCAAK.F	1603.0	3	3.14	0.319	938.1	1 23/44	2.86	3.46	1.21
4827-4828	K.GTDVQAWIR.G	1189.7	2	3.55	0.3806	1116.1	1 16/16	3.74	2.94	0.79
4857-4858	K.FESNFNTQATNR.N	1572.8	2	4.90	0.5027	2075.5	1 21/22	4.97	4.21	0.85
4872-4873	R.WWCNDGR.T	1126.6	2	2.00	0.2957	765.9	1 12/12	2.24	1.94	0.87
4904-4905	R.GYSLGNWVCAAK.F	1603.0	2	5.28	0.6818	2567.1	1 22/22	5.23	5.37	1.03
4912-4913	R.CELAAAMK.R	1170.8	2	3.19	0.38	1771.8	1 14/14	3.42	3.14	0.92
4919-4920	K.IVSDGNGMNAWVAWR.N	1820.0	2	4.81	0.5097	2616.3	1 26/28	4.86	4.44	0.91
4932-4933	K.GTDVQAWIR.G	1189.7	2	3.53	0.367	952.3	1 16/16	3.5	3.71	1.06
4977-4978	K.FESNFNTQATNR.N	1572.8	2	4.79	0.4879	1784.2	1 22/22	4.83	3.96	0.82
4987-4988	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.73	0.5384	1494	1 33/88	5.72	4.59	0.80
5017-5018	R.CELAAAMK.R	1170.8	2	3.38	0.4089	2089	1 14/14	3.61	3.16	0.88
5032-5033	R.GYSLGNWVCAAK.F	1603.0	3	2.76	0.3202	794.2	1 21/44	2.76	2.93	1.06
5034-5035	K.IVSDGNGMNAWVAWR.N	1820.0	2	5.23	0.5201	2530.2	1 26/28	5.32	4.34	0.82
5037-5038	K.GTDVQAWIR.G	1189.7	2	3.47	0.4133	1035	1 16/16	3.72	3.2	0.86
5064-5065	R.GYSLGNWVCAAK.F	1603.0	2	5.10	0.6736	2159	1 22/22	5.18	3.82	0.74
5092-5093	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.83	0.5322	1609.5	1 34/88	5.43	5.86	1.08
5094-5095	R.NTDGSTDYGILQINSR.W	1898.0	3	3.00	0.1417	237.7	8 23/60	3.02	2.43	0.80
5117-5118	R.CELAAAMK.R	1170.8	2	2.97	0.4151	1606.5	1 14/14	3.3	2.71	0.82
5119-5120	K.FESNFNTQATNR.N	1572.8	2	4.86	0.5494	2116.3	1 22/22	4.75	4.17	0.88
5132-5133	K.FESNFNTQATNR.N	1572.8	3	2.66	0.09	350.2	3 18/44	2.56	2.76	1.08
5137-5138	K.GTDVQAWIR.G	1189.7	2	3.27	0.3902	694.4	1 16/16	3.74	3.11	0.83
5139-5140	R.GYSLGNWVCAAK.F	1603.0	3	3.14	0.3215	957.8	1 22/44	3.09	3.18	1.03
5142-5143	K.IVSDGNGMNAWVAWR.N	1820.0	2	4.64	0.5032	2593.8	1 26/28	4.64	4.09	0.88
5184-5185	R.GYSLGNWVCAAK.F	1603.0	2	5.13	0.6714	1941.8	1 22/22	5.21	4.98	0.96
5187-5188	R.WWCNDGR.T	1126.6	2	2.41	0.2463	695.3	1 12/12	2.36	2.25	0.95
5192-5193	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.40	0.5134	1628.8	1 34/88	5.38	5.19	0.96
5214-5215	R.NTDGSTDYGILQINSR.W	1898.0	3	3.80	0.3145	410.3	3 23/60	3.67	2.66	0.72
5217-5218	R.CELAAAMK.R	1170.8	2	3.37	0.373	1606.5	1 14/14	3.49	3.12	0.89
5237-5238	K.GTDVQAWIR.G	1189.7	2	3.05	0.3389	990.7	1 16/16	3.83	2.88	0.75
5239-5240	K.IVSDGNGMNAWVAWR.N	1820.0	2	4.44	0.4768	2761.6	1 27/28	4.68	4.02	0.86
5242-5243	R.GYSLGNWVCAAK.F	1603.0	3	2.60	0.2934	1016.4	1 22/44	2.64	1.79	0.68
5259-5260	K.FESNFNTQATNR.N	1572.8	2	4.91	0.5238	1780.4	1 21/22	4.92	3.76	0.76
5292-5293	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.77	0.5031	1401.9	1 33/88	5.5	6.05	1.10
5312-5313	R.CELAAAMK.R	1170.8	2	3.22	0.3826	1923.4	1 14/14	3.34	2.96	0.89
5317-5318	R.GYSLGNWVCAAK.F	1603.0	2	5.07	0.6663	2043.2	1 22/22	5.1	4.33	0.85
5332-5333	R.NTDGSTDYGILQINSR.W	1898.0	2	6.42	0.6303	3406.2	1 28/30	5.76	6.01	1.04
5337-5338	K.GTDVQAWIR.G	1189.7	2	3.37	0.2197	893.6	3 15/16	3.38	3.32	0.98
5344-5345	R.GYSLGNWVCAAK.F	1603.0	3	3.06	0.3286	1071.7	1 23/44	3	2.84	0.95
5359-5360	K.IVSDGNGMNAWVAWR.N	1820.0	2	5.08	0.5333	2442.5	1 26/28	4.91	3.61	0.74
5387-5388	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.84	0.5865	1762.6	1 34/88	5.76	5.7	0.99
5392-5393	K.FESNFNTQATNR.N	1572.8	2	4.80	0.5303	2233.8	1 21/22	4.64	4.48	0.97
5407-5408	R.CELAAAMK.R	1170.8	2	3.61	0.3962	2071	1 14/14	3.62	3.21	0.89
5429-5430	R.GYSLGNWVCAAK.F	1603.0	2	4.98	0.6929	1914.2	1 21/22	4.99	4.75	0.95
5432-5433	K.GTDVQAWIR.G	1189.7	2	3.82	0.3671	1093.4	1 16/16	4.23	3.68	0.87
5459-5460	K.IVSDGNGMNAWVAWR.N	1820.0	2	4.55	0.4687	2553.9	1 26/28	4.84	4.03	0.83
5462-5463	R.GYSLGNWVCAAK.F	1603.0	3	3.13	0.3586	982.5	1 23/44	3.08	2.94	0.95
5477-5478	R.WWCNDGR.T	1126.6	2	2.07	0.2537	371.4	4 11/12	2.09	1.63	0.78
5482-5483	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.85	0.5648	1831.3	1 35/88	5.81	5.27	0.91
5502-5503	R.NTDGSTDYGILQINSR.W	1898.0	3	3.43	0.2755	470.9	1 25/60	3.31	3.02	0.91
5507-5508	R.CELAAAMK.R	1170.8	2	3.43	0.4028	2053.2	1 14/14	3.5	3.16	0.90
5529-5530	K.IVSDGNGMNAWVAWR.N	1820.0	3	2.65	0.129	503.8	1 24/56	2.9	2.08	0.72
5532-5533	K.GTDVQAWIR.G	1189.7	2	3.56	0.2948	1062.8	1 16/16	3.56	3.73	1.05
5559-5560	K.FESNFNTQATNR.N	1572.8	2	4.98	0.5066	2273.7	1 21/22	4.73	4.32	0.91
5577-5578	R.WWCNDGR.T	1126.6	2	2.13	0.2321	660.9	1 12/12	2.29	2.15	0.94
5607-5608	R.CELAAAMK.R	1170.8	2	3.34	0.3876	1543	1 14/14	3.5	3.06	0.87
5617-5618	R.GYSLGNWVCAAK.F	1603.0	3	2.55	0.3062	839.7	1 20/44	2.33	2.75	1.18
5619-5620	K.IVSDGNGMNAWVAWR.N	1820.0	2	5.14	0.5319	1877.6	1 26/28	5.19	3.55	0.68
5632-5633	K.GTDVQAWIR.G	1189.7	2	3.77	0.2816	934.8	1 16/16	3.59	3.75	1.04
5679-5680	R.WWCNDGR.T	1126.6	2	2.15	0.1334	614.2	1 12/12	2.14	2	0.93
5687-5688	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.55	0.5747	1779.9	1 35/88	5.18	5.46	1.05

5714-5715	R.CELAAAMK.R	1170.8	2	3.29	0.3906	1465.4	1 14/14	3.45	3.18	0.92
5732-5733	K.GTDVQAWIR.G	1189.7	2	3.35	0.3471	1134.8	1 16/16	3.52	3.76	1.07
5792-5793	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.64	0.4819	1711.3	1 35/88	5.35	5.46	1.02
5819-5820	R.CELAAAMK.R	1170.8	2	3.42	0.3987	1700.6	1 14/14	3.42	3.05	0.89
5837-5838	K.GTDVQAWIR.G	1189.7	2	2.99	0.369	653.3	1 16/16	3.18	2.74	0.86
5924-5925	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.80	0.5575	1844.9	1 37/88	5.52	5.26	0.95
5929-5930	R.CELAAAMK.R	1170.8	2	3.30	0.4056	1843.7	1 14/14	3.37	3.2	0.95
5947-5948	K.GTDVQAWIR.G	1189.7	2	2.85	0.1649	857.9	1 16/16	2.96	2.9	0.98
6042-6043	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.79	0.5245	1951.5	1 37/88	5.55	5.6	1.01
6044-6045	R.CELAAAMK.R	1170.8	2	3.16	0.418	1952.9	1 14/14	3.4	2.96	0.87
6059-6060	K.GTDVQAWIR.G	1189.7	2	3.52	0.3384	840.6	1 16/16	3.67	2.75	0.75
6162-6163	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.80	0.5551	1778	1 35/88	5.33	5.55	1.04
6197-6198	R.CELAAAMK.R	1170.8	2	3.11	0.3837	1318.8	1 14/14	3.42	2.81	0.82
6214-6215	K.GTDVQAWIR.G	1189.7	2	2.70	0.2878	558.5	2 15/16	2.99	2.18	0.73
6372-6373	K.GTDVQAWIR.G	1189.7	2	2.88	0.3015	798.9	1 16/16	3.3	3.02	0.92
6399-6400	R.CELAAAMK.R	1170.8	2	2.46	0.3923	892.4	1 14/14	2.87		0.00
6484-6485	K.GTDVQAWIR.G	1189.7	2	2.77	0.3812	700.7	1 16/16	3.33	2.72	0.82
6519-6520	R.CELAAAMK.R	1170.8	2	2.65	0.3824	865.2	1 14/14	3.24	2.49	0.77
6522-6523	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.70	0.5121	1818.1	1 37/88	5.49	6.26	1.14
6577-6578	K.GTDVQAWIR.G	1189.7	2	3.08	0.2775	771.4	1 16/16	3.74	3.39	0.91
6582-6583	K.FESNFNTQATNR.N	1572.8	2	4.89	0.5452	1674.6	1 21/22	4.62	3.63	0.79
6587-6588	R.GYSLGNWVCAAK.F	1603.0	3	3.20	0.2957	942.5	1 22/44	3.09	2.93	0.95
6607-6608	R.NLCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.13	0.5652	1980.7	1 36/88	5.04	4.63	0.92
6614-6615	R.CELAAAMK.R	1170.8	2	3.08	0.425	1572	1 14/14	3.32	2.84	0.86
6652-6653	K.GTDVQAWIR.G	1189.7	2	3.73	0.3746	1076.7	1 16/16	3.76	3.54	0.94
6672-6673	R.WWCNDGR.T	1126.6	2	2.11	0.182	775.9	1 12/12	2.31	2.25	0.97
6679-6680	K.FESNFNTQATNR.N	1572.8	2	5.28	0.4879	2449	1 21/22	5.05	4.59	0.91
6684-6685	R.CELAAAMK.R	1170.8	2	3.21	0.4068	2014	1 14/14	3.46	2.83	0.82
6727-6728	K.GTDVQAWIR.G	1189.7	2	4.02	0.3917	1115.7	1 16/16	4.25	3.84	0.90
6742-6743	K.FESNFNTQATNR.N	1572.8	2	5.27	0.5098	1972	1 21/22	5.04	4.41	0.88
6784-6785	K.FESNFNTQATNR.N	1572.8	3	3.07	0.3113	501.3	2 21/44	2.86	2.98	1.04
6807-6808	K.FESNFNTQATNR.N	1572.8	2	4.89	0.529	2334.7	1 21/22	4.78	4.85	1.01