

Suppl Table 2. Database Search Results Using Alternate CID/PQD_{modified} on Six Protein Mixture
The right three columns indicate the Xcorr for CID, PQD_{modified}, and their ratios, respectively

Reference File, Scan(s)	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score	Accession	Peptides (Hits)	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
gjl1351907[sp]P02769[ALBU_BOVIN Serum albumin precursor (Allergen Bos d 6) (BS					Delta Cn	Sp	RSp Ions	159 (159 0 0 0)			
1289-1290	R.DTHKSEIAHR.F	1481.9	3	3.19	0.3996	1019.3	121/36	2.8	2.8		0.00
1422-1423	K.NYOEAQK.D	1040.7	2	2.43	0.3396	585.5	2 10/10	2.46	2.38		0.97
1544-1545	K.TPVSEK.V	948.7	1	1.84	0.2665	383.5	1 10/10	1.46	1.85		1.27
1717-1718	K.ATEEQQLT.T	1106.7	2	3.12	0.258	799.8	1 12/12	3.13	2.83		0.90
1727-1728	K.ATEEQQLT.T	1106.7	1	2.33	0.206	494.8	1 12/12	2.2	2.11		0.96
1929-1930	K.TCVADESHAGCEK.S	1730.0	3	3.15	0.4116	1005	1 23/48	2.89	3.6		1.25
1982-1983	R.CCTKPESER.M	1432.9	2	3.04	0.3728	433.1	1 13/16	3.04	2.74		0.90
2004-2005	K.DDSPDLPK.L	1174.7	2	2.72	0.4234	1267.2	1 14/14	2.73	2.64		0.97
2019-2020	K.DDSPDLPK.L	1174.7	1	2.29	0.3381	763	1 14/14	2.13	2.11		0.99
2047-2048	K.DLQGEHFQK.G	1252.8	2	3.17	0.4697	1069.9	1 14/14	3.31	3		0.91
2102-2103	K.SHCJAEVEK.D	1349.9	3	4.54	0.4163	2328.7	1 24/32	4.11	3.99		0.97
2104-2105	K.SHCJAEVEK.D	1349.9	2	3.56	0.4022	1864	1 16/16	3.97	3.3		0.83
2109-2110	K.TCVADESHAGCEK.S	1730.0	3	4.33	0.5487	1636.3	1 28/48	4.13	4.07		0.99
2117-2118	K.TCVADESHAGCEK.S	1730.0	2	4.93	0.5762	2265.4	1 24/24	5.27	4.75		0.90
2119-2120	R.LSQAQFKP.A	1280.0	2	2.34	0.2008	685.6	2 12/12	2.46	2.26		0.92
2134-2135	K.CCAADDK.E	1105.8	2	2.28	0.2319	1164.9	1 12/12	2.76	2.47		0.89
2169-2170	K.QNCDQFEK.L	1345.8	2	3.30	0.3316	880.7	1 14/14	3.55	3.02		0.85
2332-2333	R.FKDLGEEHFQK.G	1682.1	3	5.29	0.4051	2679.8	1 29/36	5.26	5.24		1.00
2347-2348	R.FKDLGEEHFQK.G	1682.1	2	3.66	0.4206	1364.4	1 17/16	4.1	3.77		0.92
2372-2373	R.NECLFSHKI.D	1311.9	3	2.96	0.3409	1261.7	1 18/28	2.99	2.74		0.92
2419-2420	K.AEFVETLK.L	1210.8	2	3.36	0.3934	1356	1 14/14	3.62	3.14		0.87
2429-2430	K.AEFVETLK.L	1210.8	1	2.80	0.4175	834.4	1 14/14	2.89	2.75		0.95
2444-2445	K.QEPPERNECLFSHKDDSPDLPK.L	2962.7	3	5.42	0.574	1989.4	1 40/80	5.91	4.47		0.76
2492-2493	K.HLVDEPNLIK.Q	1594.0	2	3.85	0.3577	1692.6	1 18/20	3.93	3.55		0.90
2509-2510	R.LCVLHEKT.T	1175.9	2	3.17	0.1981	1301.3	1 12/12	3.17	2.98		0.94
2539-2540	K.LVTDLTK.V	1077.8	2	2.27	0.2296	1189.7	1 12/12	2.3	2.25		0.98
2544-2545	K.LVTDLTK.V	1077.8	1	2.18	0.3039	521.5	1 12/12	2.06	2.11		1.02
2552-2553	R.NECLFSHKDDSPDLPK.L	2323.4	3	4.12	0.4129	1537.6	1 31/60	4.29	3.23		0.75
2584-2585	K.YICNDQITSSK.L	1721.0	2	4.52	0.6181	2332.1	1 22/22	4.91	4.48		0.91
2619-2620	K.YICNDQITSSK.L	1721.0	1	4.35	0.6201	1478.1	1 18/22	3.52	3.02		0.86
2634-2635	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.42	0.5483	1357.5	1 31/56	4.37	4.27		0.98
2639-2640	K.LVTDLTK.V	1077.8	2	2.27	0.2052	800	1 11/12	2.2	2.42		1.10
2642-2643	R.KVPOVSTPTLVEVSR.S	1928.3	2	3.54	0.5102	954.1	1 23/28	4.32	3.26		0.75
2647-2648	R.RHPEYAVSVLLR.L	1584.0	2	3.49	0.456	528.4	1 17/22	3.72	2.4		0.65
2719-2720	K.ECCDKPILLEK.S	1702.2	3	3.80	0.4388	985	1 23/36	3.53	3.37		0.95
2732-2733	K.GACLLPK.I	1035.8	2	2.27	0.2568	759.5	2 12/12	2.23	1.98		0.89
2739-2740	K.EACFAVEGPK.L	1384.9	2	3.97	0.4466	1843.1	1 18/18	4.39	3.91		0.89
2779-2780	K.DDPHACYSTVFDK.L	1832.0	2	4.19	0.568	1514.8	1 22/24	4.49	3.76		0.84
2827-2828	K.YLVEIAR.R	1071.7	2	2.63	0.2886	761.8	1 12/12	2.8	3.14		1.12
2854-2855	K.DDPHACYSTVFDK.L	1832.0	3	3.28	0.5128	1161.3	1 24/48	2.68	3.15		1.18
2879-2880	K.LKECCDKPILLEK.S	2087.6	3	3.06	0.1686	740.4	1 23/44	3.06	2.8		0.92
2897-2898	K.LKECCDKPILLEK.S	2087.6	2	4.52	0.4571	1226.1	1 19/22	4.67	3.27		0.70
2924-2925	K.KQTALVELLK.H	1575.2	3	4.67	0.208	2460.5	1 27/36	4.44	4.65		1.05
2929-2930	K.KQTALVELLK.H	1575.2	2	3.95	0.2397	1380.5	1 18/18	4.06	3.93		0.97
2939-2940	K.VPOVSTPTLVEVSR.S	1656.0	2	3.75	0.5309	819.7	1 20/26	3.64	3.24		0.89
2984-2985	R.ETYGDMDACCEK.Q	1745.0	2	4.92	0.62	2281.9	1 22/22	5.83	4.4		0.75
2997-2998	R.RPCFSALTPDETYVPK.A	2158.3	2	4.08	0.2393	532.3	2 19/30	4.23	2.6		0.61
3007-3008	R.ETYGDMDACCEK.Q	1745.0	3	3.45	0.383	1506.8	1 24/44	3.53	3.22		0.91
3009-3010	R.ETYGDMDACCEK.Q	1745.0	2	4.66	0.6205	2366	1 22/22	4.72	4.57		0.97
3027-3028	R.RPCFSALTPDETYVPK.A	2158.3	3	5.62	0.1855	1794.7	1 31/60	5.24	5.51		1.05
3092-3093	K.DDPHACYSTVFDK.L	2217.4	3	4.79	0.5398	1297.9	1 33/56	5.08	5.04		0.99
3097-3098	K.LKPDNPNTLDFEKADEK.K	2585.7	3	4.39	0.4346	928.8	1 28/64	4.41	3.99		0.90
3119-3120	K.ECCHGDLLECCADDR.A	1861.0	3	5.13	0.4806	1443.6	1 28/52	4.76	4.86		1.02
3132-3133	K.LVNLTEFAK.T	1452.0	2	2.99	0.2984	1788.8	1 18/18	3.02	2.67		0.88
3134-3135	K.ECCHGDLLECCADDR.A	1861.0	2	5.44	0.5771	2584.3	1 26/26	5.22	4.57		0.88
3214-3215	K.LKPDNPNTLDFEKADEK.K	1998.3	2	3.54	0.4938	725.2	1 18/24	4.17	2.67		0.64
3229-3230	K.YICNDQITSSK.L	1721.0	2	2.31	0.3919	196.2	2 11/22	2.36	1.75		0.74
3272-3273	K.SLHTLFGDELCK.V	1697.1	3	5.48	0.5545	2681.8	1 30/44	5.13	4.79		0.93
3274-3275	K.QTALVELLK.H	1302.9	2	3.71	0.2793	1899.1	1 16/16	3.61	4.09		1.13
3277-3278	K.QTALVELLK.H	1302.9	3	3.28	0.0979	1029.6	1 20/32	2.44	3.1		1.27
3282-3283	K.LVNLTEFAK.T	1452.0	2	4.19	0.4934	2061	1 18/18	4.5	4.12		0.92
3287-3288	K.SLHTLFGDELCK.V	1697.1	2	4.93	0.583	1927	1 20/22	4.65	4.61		0.99
3289-3290	K.LVNLTEFAK.T	1452.0	3	4.20	0.2902	1576.1	1 22/36	3.96	2.89		0.73
3314-3315	K.LVNLTEFAK.T	1452.0	1	3.67	0.5058	1424.8	1 17/18	2.97	3.69		1.24
3382-3383	K.EYEATLECCAK.D	1769.1	3	4.11	0.4736	1532.9	1 26/44	3.85	4.08		1.06
3387-3388	K.EYEATLECCAK.D	1769.1	2	5.36	0.5116	2483.3	1 22/22	5.71	4.81		0.84
3427-3428	K.YNGVFECCQAEQK.G	2014.2	2	4.91	0.5194	2077.8	1 26/26	5.33	4.04		0.76
3434-3435	K.LVNLTEFAK.T	1452.0	2	3.59	0.4503	1538.3	1 17/18	3.41	2.63		0.77
3439-3440	K.DAIPENLPPLTADFAEDKDVCK.N	2879.7	2	5.56	0.7082	1332.4	1 27/42	5.23	4.79		0.92
3617-3618	K.LFTFHADICTLPDTEK.Q	2185.3	3	5.59	0.4172	1327.8	1 32/60	5.07	5.19		1.02
3622-3623	K.LFTFHADICTLPDTEK.Q	2185.3	2	5.94	0.6179	2491.4	1 26/30	5.25	5.5		1.05
3697-3698	K.TVMENFVAFVK.D	1688.0	2	5.65	0.5736	3206.8	1 22/22	5.78	5.53		0.96
3717-3718	K.TVMENFVAFVK.D	1688.0	2	5.22	0.5836	3766.8	1 22/22	5.19	5.06		0.97
3732-3733	K.DAFLGSLFYEYSR.R	1711.9	3	4.14	0.4242	1413.7	1 29/48	3.93	3.77		0.96
3737-3738	K.DAFLGSLFYEYSR.R	1711.9	2	4.90	0.6249	2229	1 24/24	5.19	4.41		0.85
3749-3750	K.DAFLGSLFYEYSR.R	1711.9	2	4.32	0.651	2219.2	1 24/24	4.38	4.46		1.02
3852-3853	K.TVMENFVAFVK.D	1688.0	2	5.40	0.6063	3747	1 22/22	5.53	4.66		0.84
3869-3870	K.DAFLGSLFYEYSR.R	1711.9	2	4.51	0.6631	2069.1	1 23/24	4.56	4.02		0.88
3982-3983	R.MPCTEDYLSLNR.L	1858.1	3	4.10	0.39	1421.7	1 26/52	3.35	3.49		1.04
3984-3985	R.MPCTEDYLSLNR.L	1858.1	2	4.67	0.5815	1607.3	1 25/26	4.8	4.91		1.02
4087-4088	K.LFTFHADICTLPDTEK.Q	2185.3	2	4.51	0.56	946.1	1 17/30	4.47	3.12		0.70
4114-4115	R.MPCTEDYLSLNR.L	1858.1	2	5.27	0.6002	1415.1	1 24/26	5.43	4.19		0.77
4259-4260	K.GLVLAFSQYLQCCPFDEHVK.L	2769.7	2	5.11	0.6226	1044.9	1 19/40	5	4.71		0.94
4337-4338	R.MPCTEDYLSLNR.L	1858.1	2	2.41	0.2966	503	1 16/26	2.34	2.13		0.91
4424-4425	K.DDPHACYSTVFDK.L	1832.0	3	2.60	0.2981	822.6	1 23/48	1.6	2.63		1.64
4432-4433	K.ECCHGDLLECCADDR.A	1861.0	3	4.34	0.3357	1155.2	1 26/52	4.09	3.94		0.96
4442-4443	R.MPCTEDYLSLNR.L	1858.1	2	3.20	0.5287	1031.2	1 20/26	3.21	2.7		0.84
4457-4458	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.18	0.5318	1111.9	1 28/56	4.25	3.84		0.90
4539-4540	K.YLVEIAR.R	1071.7	2	2.45	0.3238	552.6	1 12/12	2.4	2.1		0.88
4559-4560	K.DDPHACYSTVFDK.L	1832.0	3	2.88	0.3182	602.6	1 20/48	2.15	2.52		1.17
4567-4568	R.MPCTEDYLSLNR.L	1858.1	2	3.40	0.581	695.2	1 17/26	3.45	2.94		0.85
4584-4585	K.TVMENFVAFVK.D	1688.0	2	2.22	0.156	320.1	3 13/22	3.21	1.73		0.54
4599-4600	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.23	0.5267	1161.3	1 28/56	4.21	2.17		0.52
4667-4668	K.DDPHACYSTVFDK.L	1832.0	3	2.61	0.2162	860.7	1 24/48	2.32	2.63		1.13
4679-4680	K.QTALVELLK.H	1575.2	3	2.84	0.1291	1354	1 24/36	2.39	3.25		1.36
4687-4688	K.TCVADESHAGCEK.S	1730.0	3	2.85	0.3989	213.7	3 22/48	2.92	2.01		0.69
4694-4695	R.MPCTEDYLSLNR.L	1858.1	2	3.64	0.571	904.9	1 19/26	3.65	3.16		0.87
4747-4748	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.29	0.5252	1065.2	1 27/56	4.21	4.03		0.96
4757-4758	R.RPCFSALTPDETYVPK.A										

4924-4925	K.LFTFHADICTLPDTEK.Q	2185.3	2	4.14	0.4455	1509.1	1	33/60	3.03	4.24	1.40
4932-4933	R.MPCTEDYLSLNR.L	1858.1	3	3.43	0.4892	820.2	1	18/26	3.25	3.15	0.97
4987-4988	K.LVNLTEFAK.T	1452.0	2	3.64	0.5248	2003.3	1	18/18	3.78	3.74	0.99
5014-5015	K.DDPHACYSTVFDK.L	1832.0	3	2.60	0.2147	679.1	1	21/48	2.16	2.29	1.06
5017-5018	K.ECCHGDLLLECADDR.A	1861.0	3	3.82	0.387	587.2	1	25/52	4.67	2.2	0.47
5027-5028	K.KQTALVELLK.H	1575.2	3	2.83	0.1902	1068.1	1	22/36	2.69	2.75	1.02
5037-5038	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.37	0.5066	1082.8	1	28/56	4.35	3.59	0.83
5059-5060	K.CCTESLVNR.R	1268.0	2	2.17	0.2845	303.5	10	14/16	2.56	1.22	0.48
5102-5103	R.MPCTEDYLSLNR.L	1858.1	2	2.69	0.3753	778.7	1	17/26	2.52	2.59	1.03
5104-5105	K.LVNLTEFAK.T	1452.0	2	3.86	0.5379	1448.9	1	18/18	3.92	3.57	0.91
5132-5133	K.KQTALVELLK.H	1575.2	3	3.30	0.1176	1426.7	1	23/36	3.28	2.82	0.86
5142-5143	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.17	0.4833	892.2	1	26/56	4.16	3.87	0.93
5194-5195	K.ECCHGDLLLECADDR.A	1861.0	3	4.53	0.3937	1551.3	1	26/52	4.32	3.86	0.89
5207-5208	R.MPCTEDYLSLNR.L	1858.1	2	2.08	0.1985	388.8	2	14/26	1.88	1.85	0.98
5222-5223	K.LFTFHADICTLPDTEK.Q	2185.3	3	4.09	0.3692	1192.4	1	30/60	4.38	2.78	0.63
5254-5255	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.42	0.4879	985.7	1	27/56	4.2	3.66	0.87
5257-5258	K.KQTALVELLK.H	1575.2	3	3.27	0.1308	983.6	1	21/36	2.64	3.56	1.35
5289-5290	K.YLVEIAR.R	1071.7	2	2.09	0.3076	840.6	1	12/12	1.99	2.09	1.05
5294-5295	K.ECCHGDLLLECADDR.A	1861.0	3	4.32	0.4006	1446.2	1	25/52	4.29	4.04	0.94
5312-5313	R.MPCTEDYLSLNR.L	1858.1	2	3.05	0.5167	778.3	1	20/26	3.21	2.52	0.79
5349-5350	K.LFTFHADICTLPDTEK.Q	2185.3	3	3.84	0.3884	1366.5	1	30/60	3.78	3.92	1.04
5357-5358	R.KVPOVSTPTLVEVSR.S	1928.3	3	3.79	0.4877	1045.1	1	28/56	4.07	3.69	0.91
5359-5360	K.KQTALVELLK.H	1575.2	3	2.86	0.2127	1014.9	1	23/36	2.84	3.26	1.15
5414-5415	K.LVNLTEFAK.T	1452.0	2	2.99	0.3905	540.9	1	17/18	3.53	2.86	0.81
5449-5450	K.LFTFHADICTLPDTEK.Q	2185.3	3	2.71	0.1962	301.2	2	21/60	2.41	2.78	1.15
5489-5490	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.66	0.4672	1072.5	1	28/56	4.73	3.82	0.81
5514-5515	K.AEFVETK.L	1210.8	2	3.13	0.3763	1366.7	1	14/14	3.22	3.13	0.97
5604-5605	K.KQTALVELLK.H	1575.2	3	2.63	0.1026	497.4	2	20/36	2.69	2.54	0.94
5634-5635	R.RPCFSALTPDEYVPK.A	2158.3	3	3.15	0.3403	432.6	1	27/60	3.71	2.36	0.64
5639-5640	K.AEFVETK.L	1210.8	2	3.22	0.4174	1209.5	1	14/14	3.26	3.03	0.93
5694-5695	K.ECCHGDLLLECADDR.A	1861.0	3	3.21	0.2424	295.5	2	20/52	2.28	2.94	1.29
5697-5698	K.TCVADESHAGCEK.S	1730.0	3	2.66	0.421	230.1	1	20/48	2.6	2.74	1.05
5702-5703	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.19	0.5437	1159.7	1	29/56	4.05	4.07	1.00
5732-5733	K.CCTESLVNR.R	1268.0	2	2.48	0.4502	529.2	1	14/16	2.45	2.73	1.11
5804-5805	K.LVNLTEFAK.T	1452.0	2	3.00	0.4462	449.1	1	17/18	3.38	2.85	0.84
5822-5823	K.LKPDPTLCEDEK.A	1998.3	3	3.24	0.4502	737.9	1	22/48	3.54	3.00	0.80
5892-5893	K.AEFVETK.L	1210.8	2	2.95	0.4345	1449.7	1	14/14	3.08	2.73	0.89
5919-5920	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.18	0.5817	957.7	1	26/56	3.98	3.63	0.91
5964-5965	K.LVNLTEFAK.T	1452.0	2	2.07	0.3236	139.6	8	15/18	2.49	1.46	0.59
6034-6035	K.AEFVETK.L	1210.8	2	2.83	0.4296	428.9	2	13/14	2.97	2.4	0.81
6079-6080	R.KVPOVSTPTLVEVSR.S	1928.3	3	3.53	0.4735	1191.7	1	30/56	4.25	3.62	0.85
6109-6110	K.LVNLTEFAK.T	1452.0	2	2.62	0.527	181.8	4	16/18	3.23	3.00	0.90
6544-6545	R.RPCFSALTPDEYVPK.A	2158.3	3	4.61	0.2528	1641.3	1	31/60	4.61	4.5	0.98
6564-6565	K.KQTALVELLK.H	1575.2	3	2.94	0.137	1551.3	1	24/36	3.01	3.01	1.00
6602-6603	R.LCVLHEK.T	1175.9	3	2.57	0.0836	525.8	6	13/24	2.55	2.01	0.79
6607-6608	K.TCVADESHAGCEK.S	1730.0	3	3.14	0.4303	1126.5	1	23/48	3.3	3.00	0.90
6672-6673	R.KVPOVSTPTLVEVSR.S	1928.3	3	4.63	0.5092	1331.7	1	30/56	4.47	4.04	0.90
6684-6685	K.TCVADESHAGCEK.S	1730.0	3	3.99	0.5314	1182.8	1	24/48	3.51	3.89	1.11
6749-6750	K.ATEEQK.T	1106.7	2	3.03	0.2489	956.6	1	12/12	3.03	2.98	0.98
6784-6785	K.AFDEK.L	897.6	2	2.25	0.2265	589.7	4	8/8	2.05	2.14	1.04
6822-6823	K.ATEEQK.T	1106.7	2	3.12	0.2011	965.9	1	12/12	3.07	3.07	1.00
6849-6850	K.AFDEK.L	897.6	2	2.06	0.1713	594.8	5	8/8	2.05	1.85	0.90

Reference File, Scan(s)	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score Delta Cn	Accession Sp	Peptides (Hits) RSp	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
gjl136191 sp P02787 TRFE_HUMAN Serotransferrin precursor (Transferrin)							120 (120 0 0 0)				
1279-1280	K.HQTVPQNTGGK.N	1454.9	3	2.68	0.276	428.7	2	17/40	2.32		0.00
1362-1363	K.HQTVPQNTGGK.N	1454.9	2	2.91	0.5786	547.6	1	16/20	2.86	3.28	1.15
1372-1373	K.HQTVPQNTGGK.N	1454.9	3	3.81	0.3905	886.1	1	22/40	3.63	3.56	0.98
1462-1463	R.APNHAVVTR.K	1108.7	2	2.78	0.4795	580.4	1	14/16	2.88	2.76	1.03
1497-1498	K.HQTVPQNTGGK.N	1454.9	3	4.17	0.4753	1025.6	1	23/40	4.09	3.39	0.83
1509-1510	K.LHQRNTYK.Y	1463.9	3	2.63	0.2805	578.4	1	17/32	2.69	2.33	0.87
1517-1518	R.APNHAVVTR.K	1108.7	3	3.34	0.3617	845.9	2	19/32	3.19	2.57	0.81
1587-1588	R.KDKEACVHK.I	1680.3	3	3.51	0.3222	1097.1	1	23/32	4	3.07	0.77
1692-1693	K.EACVHK.I	1020.7	2	2.05	0.2364	675.8	1	10/10	2.05	2.23	1.10
1707-1708	K.DKEACVHK.I	1408.0	2	3.00	0.3551	615.7	1	13/14	3.02	2.64	0.87
1712-1713	R.KPVDYK.D	1310.9	3	3.31	0.285	959	1	18/24	3.35	3.08	0.92
1714-1715	R.KPVDYK.D	1310.9	2	2.64	0.309	744.2	1	11/12	2.81	2.33	0.83
2024-2025	K.DSAHGFLLK.V	1162.8	2	3.15	0.5022	1297.2	1	14/14	3.21	2.61	0.81
2074-2075	K.QCSFR.D	830.5	1	1.64	0.2468	156.3	8/8		1.45	1.35	0.93
2237-2238	K.GDVAFK.H	1023.7	2	2.84	0.2981	1254.9	1	12/12	2.95	3.07	1.04
2289-2290	K.NPDPWAK.N	1115.7	2	2.10	0.2418	575.2	1	11/12	1.87	2.08	1.11
2314-2315	K.WCALSHHER.L	1328.8	3	3.74	0.4179	1802.6	1	22/32	3.41	3.12	0.91
2334-2335	K.DCHLAQVPSHTVVAR.S	1823.1	2	5.83	0.5495	1913.7	1	26/28	5.32	4.22	0.79
2359-2360	R.KPVEEYANCLHAR.A	1864.2	2	4.73	0.6293	1055.7	1	21/24	4.97	3.54	0.71
2362-2363	K.DGAGDVAFK.H	1266.8	2	3.86	0.5242	1961	1	18/18	3.75	4.01	1.07
2452-2453	R.DDTVCLAK.L	1198.8	2	3.31	0.4097	1321.8	1	14/14	3.39	3.54	1.04
2459-2460	R.WCAVSEHATK.C	1595.0	2	4.63	0.5496	1831.1	1	20/20	4.95	4.44	0.90
2462-2463	R.WCAVSEHATK.C	1595.0	3	3.91	0.5249	1330.6	1	23/40	3.68	3.84	1.04
2467-2468	K.DSGFOMQLR.G	1339.7	2	4.21	0.484	1389.4	1	18/18	4.13	3.95	0.96
2469-2470	R.DDTVCLAK.L	1198.8	1	2.90	0.4093	874.7	1	14/14	2.78	2.65	0.95
2479-2480	K.YLGEYVK.A	1288.8	2	3.10	0.429	1311.8	1	14/14	3.41	3.12	0.91
2512-2513	R.EGTQPEAPTDECKPKV.W	2228.4	2	5.11	0.5965	1061.3	1	22/30	5.73	3.92	0.68
2594-2595	K.HSTIFENLANK.A	1562.0	2	4.54	0.567	2123.4	1	20/20	4.84	4.32	0.89
2607-2608	K.HSTIFENLANK.A	1562.0	3	3.79	0.31	1061	1	22/40	3.5	3.58	1.02
2609-2610	K.EGYGYTGAFR.C	1427.7	2	3.88	0.5355	1689.3	1	20/20	3.9	3.33	0.85
2699-2700	K.KASYLDQIR.A	1403.0	3	3.72	0.5235	1339.2	1	20/32	3.94	3.41	0.89
2727-2728	K.CDEWVSNVGVK.I	1557.9	2	5.16	0.5634	2817.1	1	20/20	4.79	4.77	1.00
2729-2730	K.EFOLFSSPHGK.D	1565.0	2	4.61	0.4255	1699.6	1	20/20	4.98	3.89	0.78
2772-2773	K.EFOLFSSPHGK.D	1565.0	3	4.21	0.4173	1660.9	1	28/40	4.09	3.97	0.97
2822-2823	K.SASDLTWDNLK.G	1537.9	2	4.97	0.4285	2008.1	1	20/20	5.02	4.76	0.95
2837-2838	K.SASDLTWDNLK.G	1537.9	3	3.59	0.2074	1434.1	1	24/40	2.68	2.94	1.10
2882-2883	K.SVSPDGPVACVK.K	1693.1	2	3.78	0.4704	1118.2	1	23/26	4.12	3.75	0.91
2884-2885	K.SVSPDGPVACVK.K	1693.1	3	4.21	0.56	1391.4	1	28/52	3.73	3.9	1.05
3102-3103	K.ADRDQYELLCLDNTR.K	2015.1	3	5.34	0.2706	1716.8	1	31/56	5.27	5.14	0.98
3112-3113	K.ADRDQYELLCLDNTR.K	2015.1	2	4.49	0.5079	936.6	1	23/28	5.04	2.52	0.50
3164-3165	K.EGYGYTGAFR.C	1427.7	2	2.39	0.2899	474.8	1	11/20	2.07	1.91	0.92
3167-3168	K.IECVSAETTEDCIAK.I	1992.2	3	4.28	0.4864	1315	1	29/56	3.97	4.29	1.08
3169-3170	K.IECVSAETTEDCIAK.I	1992.2	2	6.21	0.593	2985.2	1	27/28	6.27	5.37	0.86
3192-3193	K.NLNEKDYELLCLDGTGR.K	2230.3	3	5.11	0.5375	1926.9	1	33/60	5.15	4.56	0.89
3202-3203	K.NLNEKDYELLCLDGTGR.K	2230.3	2	5.62	0.5495	1173.3	1	24/30	5.85	4.11	0.70
3232-3233	K.ADRDQYELLCLDNTR.K	2015.1	3	4.24	0.2553	1167	1	26/56	3.86	4.3	1.11
3257-3258	K.SDNCDTEPEAGVFAVAVVK.K	2349.3	3	5.90	0.6268	2248.6	1	33/72	5.03		

3599-3600	K.DYELLCLDGT.R	1487.9	2	2.51	0.2834	516.8	1 15/20	2.55	2.59	1.02
3599-3600	K.NLNEKDYELLCLDGT.R	2230.3	3	3.27	0.2274	575.9	1 24/60	2.6	3.65	1.40
3604-3605	R.TAGWNIPMGLLYNK.I	1866.1	3	4.59	0.4747	1116.2	1 26/52	4.39	3.28	0.75
3612-3613	R.TAGWNIPMGLLYNK.I	1866.1	2	5.02	0.447	1542.1	1 25/26	5.04	4.48	0.89
3662-3663	K.MNNGEADAMSLDGGFVYIAGK.C	2447.3	3	4.33	0.3417	1096.4	1 27/80	4.1	4.57	1.11
3672-3673	K.LCMGSGLNLCENPNKKEGYGTGAFR.C	3237.8	3	7.10	0.552	1909.6	1 39/100	6.45	6.83	1.06
3824-3825	K.CSTSSLLLEACTFR.R	1654.0	2	5.06	0.7166	2537.5	1 24/24	4.95	4.71	0.95
3964-3965	K.CSTSSLLLEACTFR.R	1654.0	2	4.04	0.66	1956.9	1 21/24	4.33	3.89	0.90
4157-4158	K.DYELLCLDGT.R	1487.9	2	2.24	0.2691	521.2	1 15/20	2.25	2.22	0.99
4162-4163	R.SAGWNIPGICYDLPEPR.K	2304.3	2	3.83	0.4976	857.5	1 18/36	2.76	3.66	1.33
4294-4295	K.EFOLSSPHG.D	1565.0	3	2.68	0.2575	1029.6	1 23/40	2.83	2.15	0.00
4492-4493	K.DGAGDVA.FVK.H	1266.8	2	2.82	0.4164	1620.4	1 17/18	2.82	2.64	0.94
4499-4500	R.WCAVSEHEATK.C	1595.0	3	2.77	0.246	1287.4	1 22/40	2.57	3.06	1.19
4514-4515	R.TAGWNIPMGLLYNK.I	1866.1	3	3.50	0.2283	576.4	2 21/52	3.55	3.09	0.87
4542-4543	K.SASDLTWDNLK.G	1537.9	2	2.32	0.1573	704.3	2 16/20	2.21	2.81	1.27
4629-4630	R.TAGWNIPMGLLYNK.I	1866.1	3	3.31	0.2236	431	6 19/52	3.39	3.32	0.98
4709-4710	R.WCAVSEHEATK.C	1595.0	3	2.75	0.288	1333	1 21/40	2.53	2.94	1.16
4714-4715	K.SASDLTWDNLK.G	1537.9	2	3.16	0.3406	1375.9	2 16/20	3.42	3.11	0.91
4769-4770	K.DGAGDVA.FVK.H	1266.8	2	2.47	0.3565	1328.8	1 16/18	2.65	2.56	0.97
4819-4820	R.WCAVSEHEATK.C	1595.0	3	2.53	0.2099	1132.7	2 21/40	2.6	3.02	1.16
4862-4863	K.DYELLCLDGT.R	1487.9	2	2.07	0.4051	236.2	2 11/20	2.22	1.93	0.87
4862-4863	K.NLNEKDYELLCLDGT.R	2230.3	3	3.29	0.4663	470.2	1 25/60	3.91	2.74	0.70
4912-4913	K.DGAGDVA.FVK.H	1266.8	2	2.71	0.4228	1681.1	1 17/18	2.61	2.63	1.01
4949-4950	R.TAGWNIPMGLLYNK.I	1866.1	3	3.81	0.2721	432	2 21/52	3.68	3.09	0.84
4969-4970	K.NLNEKDYELLCLDGT.R	2230.3	3	3.51	0.3942	366.5	1 24/60	2.36	1.91	0.81
4974-4975	K.MYLGVEYVTAIR.N	1622.9	2	3.65	0.0986	1059.4	2 19/22	3.89	3.27	0.84
4989-4990	K.GDVA.FVK.H	1023.7	2	2.40	0.3492	863.5	1 12/12	2.4	2.72	1.13
5024-5025	K.DGAGDVA.FVK.H	1266.8	2	2.04	0.187	386.9	6 14/18	2.75	1.9	0.69
5069-5070	R.TAGWNIPMGLLYNK.I	1866.1	3	3.27	0.2239	511.6	4 20/52	3.31	3.09	0.93
5274-5275	R.WCAVSEHEATK.C	1595.0	3	2.62	0.1009	1365.3	1 23/40	2.34	2.99	1.28
5282-5283	K.DGAGDVA.FVK.H	1266.8	2	2.05	0.1747	475.5	1 15/18	2.4	2.15	0.90
5309-5310	K.GDVA.FVK.H	1023.7	2	2.93	0.3411	1223.7	1 12/12	2.96	2.72	0.92
5399-5400	K.DGAGDVA.FVK.H	1266.8	2	2.82	0.3829	1137.7	1 17/18	2.8	2.98	1.06
5412-5413	K.EGYGYTGAFR.C	1427.7	2	2.94	0.4505	470.8	1 14/20	2.29	0.00	0.00
5424-5425	R.EGTPEAPTDECKPVK.W	2228.4	3	4.44	0.3587	1164.1	1 27/60	4.53	3.86	0.85
5434-5435	K.GDVA.FVK.H	1023.7	2	2.90	0.3421	1223	1 12/12	2.53	2.62	1.04
5497-5498	R.WCAVSEHEATK.C	1595.0	3	2.88	0.2654	1025.7	1 22/40	2.77	2.82	1.02
5502-5503	K.DGAGDVA.FVK.H	1266.8	2	2.59	0.3487	509.8	1 14/18	2.79	2.77	0.99
5559-5560	K.GDVA.FVK.H	1023.7	2	2.70	0.3924	1001.8	1 12/12	2.58	2.51	0.97
5587-5588	K.SVPSDQPSVACVK.K	1693.1	3	2.58	0.2583	575.1	1 22/52	2.42	2.68	1.11
5607-5608	R.WCAVSEHEATK.C	1595.0	3	2.50	0.1476	1030.8	1 21/40	2.49	3	1.20
5644-5645	K.NLNEKDYELLCLDGT.R	2230.3	3	2.84	0.1657	293	1 22/60	3.51	1.61	0.46
5647-5648	K.DGAGDVA.FVK.H	1266.8	2	2.45	0.2575	274.5	9 12/18	2.4	2.3	0.96
5727-5728	R.EGTPEAPTDECKPVK.W	2228.4	3	3.64	0.4483	385.6	1 28/60	4.14	2.14	0.52
5747-5748	K.DGAGDVA.FVK.H	1266.8	2	2.58	0.3529	638.2	1 16/18	2.38	2.85	1.20
5837-5838	K.DSGFOMQLR.G	1339.7	2	2.52	0.2132	350.6	2 15/18	2.67	1.35	0.51
5842-5843	K.DGAGDVA.FVK.H	1266.8	2	2.73	0.3233	729	1 16/18	2.77	2.46	0.89
5942-5943	K.DGAGDVA.FVK.H	1266.8	2	2.07	0.2899	260.8	6 13/18	1.93	1.92	0.99
5962-5963	K.GDVA.FVK.H	1023.7	2	2.13	0.2734	294.7	1 12/12	2.73	1.89	0.69
6037-6038	K.NLNEKDYELLCLDGT.R	2230.3	3	2.94	0.3608	385.2	1 26/60	3.59	2.18	0.61
6364-6365	K.VLGEYVKA	1288.8	2	2.52	0.3986	713.7	1 14/14	1.64	1.33	0.81
6469-6470	K.VLGEYVKA	1288.8	2	2.18	0.3429	578.4	1 14/14	2.13	2.16	1.01
6552-6553	K.DGAGDVA.FVK.H	1266.8	2	2.86	0.35	1514.1	1 17/18	2.95	3.22	1.09
6642-6643	R.WCAVSEHEATK.C	1595.0	3	2.65	0.1978	683.6	1 20/40	2.84	0.00	0.00
6709-6710	R.KPVDEYK.D	1310.9	3	3.39	0.2562	1138.7	1 19/24	3.4	3.12	0.92
6729-6730	R.WCAVSEHEATK.C	1595.0	3	2.86	0.2484	916.6	1 20/40	2.44	2.86	1.17
6762-6763	R.APNHAVTR.K	1108.7	3	2.65	0.3561	595	1 17/32	2.23	2.74	1.23
6772-6773	R.KPVDEYK.D	1310.9	3	3.36	0.23	1052.2	1 19/24	3.31	3.29	0.99
6827-6828	R.APNHAVTR.K	1108.7	3	2.89	0.351	750.9	1 19/32	2.4	3	1.35
6892-6893	R.APNHAVTR.K	1108.7	3	2.63	0.2586	638.2	1 17/32	2.36	2.17	0.92
6912-6913	R.KPVDEYK.D	1310.9	3	2.94	0.2499	715.2	2 17/24	2.78	2.91	1.05
6959-6960	R.APNHAVTR.K	1108.7	3	2.65	0.3134	579.2	2 16/32	2.27	2.55	1.12
7104-7105	R.APNHAVTR.K	1108.7	3	2.60	0.3056	580.2	1 16/32	2.22	2.61	1.18

File, Scan(s)	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score	Accession	Peptides (Hits)	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
gjl114939.sp	P00722 BGAL_ECOLI Beta-galactosidase (Lactase)	1244.7	3	3.30	0.3469	510.5	52 (52 0 0 0 0)	3.26	2.89	0.89	
1427-1428	R.TDRPSQLR.S	1244.7	3	2.49	0.3215	296	12/16	2.69	1.6	0.59	
1434-1435	R.TDRPSQLR.S	1244.7	3	2.49	0.3215	296	12/16	2.69	1.6	0.59	
1882-1883	K.QNNFNVR.C	1106.6	2	2.60	0.1483	1052.5	1 14/14	2.6	2.5	0.96	
1902-1903	R.TPHPALTEAK.H	1352.9	2	2.82	0.5511	346.1	1 14/18	3.16	2.81	0.89	
1912-1913	R.TPHPALTEAK.H	1352.9	3	3.82	0.4965	1344.7	1 21/36	3.83	3.08	0.80	
2032-2033	R.YSQQLMETS.H	1651.9	3	5.00	0.383	1739.9	1 27/44	4.89	4.45	0.91	
2252-2253	R.WVYGQDSR.L	1211.7	2	3.04	0.4299	1207.8	1 16/16	3.15	3.13	0.99	
2302-2303	R.RDWENPGVTQLNR.L	1728.9	3	5.53	0.3267	2607.9	1 32/48	5.69	4.68	0.82	
2312-2313	R.RDWENPGVTQLNR.L	1728.9	2	4.11	0.4631	852.3	1 20/24	4.43	3.38	0.76	
2457-2458	R.APLDNDIGVSEATR.I	1601.9	2	4.10	0.6228	1861.8	1 24/26	3.99	3.66	0.92	
2527-2528	R.DWENPGVTQLNR.L	1572.8	3	3.74	0.2995	619	1 22/44	3.25	2.86	0.88	
2549-2550	R.DWENPGVTQLNR.L	1572.8	2	4.41	0.2816	2095.7	1 22/22	4.1	3.52	0.86	
2564-2565	K.TLFSR.K	880.2	2	2.20	0.3555	540.2	2 10/10	2.19	2.53	1.16	
2602-2603	K.HQQQFFOFR.L	1409.8	3	3.69	0.4631	1010.9	1 20/32	3.6	3.44	0.96	
2612-2613	K.HQQQFFOFR.L	1409.8	2	3.08	0.5283	920.8	1 16/16	2.92	3.11	1.07	
2684-2685	R.VDEDQPPAVPK.W	1630.0	3	3.48	0.457	1668.5	1 29/44	3.11	3.2	1.03	
2687-2688	R.VDEDQPPAVPK.W	1630.0	2	4.07	0.5737	2065.4	1 22/22	4.04	4.16	1.03	
2769-2770	R.GDFQNSR.Y	1227.7	2	3.52	0.437	1376.7	1 16/16	3.94	3.33	0.85	
2784-2785	R.LAHPFFASWR.N	1396.8	2	2.74	0.4921	595.6	1 17/20	2.93	2.77	0.95	
2819-2820	R.IDPNAWYER.W	1243.7	2	2.69	0.3388	609.4	1 15/16	2.74	2.67	0.97	
2842-2843	K.YWQAFR.Q	1014.6	2	2.20	0.3326	552.8	1 10/10	2.31	1.91	0.83	
2887-2888	K.QLTLRDRDQFTRA	1632.0	3	2.69	0.349	462.7	2 19/44	2.88	2.65	0.92	
2909-2910	R.WLPMSER.V	1133.6	2	2.27	0.2696	532.3	1 13/14	2.32	2.01	0.87	
3032-3033	K.YDENGNPWSAYGGDFGDTNDR.Q	2591.1	2	6.65	0.7793	3276.9	1 31/42	6.04	6.33	1.05	
3117-3118	R.LAVMLR.W	945.7	2	2.98	0.1598	803.1	1 12/12	3.34	2.6	0.78	
3187-3188	R.WSDGSYLEDDMWR.M	1931.9	2	4.92	0.6283	2344.7	1 26/26	5.35	4.89	0.91	
3197-3198	R.WSDGSYLEDDMWR.M	1931.9	3	4.94	0.4148	1907.3	1 28/52	4.66	3.57	0.77	
3242-3243	R.VVQPNATAWSAGHISAWQQWR.L	2666.4	3	6.72	0.6393	2038.9	1 40/84	6.4	6.75	1.05	
3269-3270	R.VNVLGLGPOENYRDR.L	1902.0	2	5.67	0.5048	2005.8	1 24/28	5.27	5.31	1.01	
3284-3285	R.IGLNCQLQVAER.V	1605.0	3	4.71	0.56	2052.1	1 22/24	4.53	5.06	1.12	
3299-3300	R.IGLNCQLQVAER.V	1605.0	3	3.74	0.3995	1340.7	1 23/48	3.84	3.08	0.80	
3304-3305	R.VGLYVDEANIEHGMMPMNR.L	2552.3	3	6.94	0.6464	3982.4	1 44/80	6.6	6.64	1.01	
3497-3498	R.AVVELHTADGTLIEACDVGFR.E	2606.4	3	7.71	0.6787	2866.5	1 44/88	7.58	7.57	1.00	
3504-3505	R.QFCMNLV.FADR.T	1590.9	2	4.05	0.4024	1881.9	1 22/22	4.26	3.39	0.80	
3529-3530	R.LSGQTIEVTSEYLF.R.H	1887.1	2	6.21	0.5947	2590.2	1 26/28	6.63	5.47	0.83	
3534-3535	R.LSGQTIEVTSEYLF.R.H	1887.									

4132-4133	R.LQGGFVVDWVDSOLIK.Y	2179.3	3	4.73	0.3879	905.8	1 24/60	4.18	4.4	1.05
4187-4188	R.LPSEFDLSAFLR.A	1538.9	2	2.87	0.236	596	1 16/22	2.96		0.00
6707-6708	R.TDRPSQQLR.S	1244.7	3	2.54	0.1204	584.9	1 16/32	2.16	2.36	1.09
6814-6815	R.TDRPSQQLR.S	1244.7	3	2.55	0.1713	632.1	1 17/32	2.23	2.45	1.10
6929-6930	R.TDRPSQQLR.S	1244.7	3	2.69	0.1527	559	3 16/32	2.53	2.4	0.95
6994-6995	R.TDRPSQQLR.S	1244.7	3	2.81	0.1672	581.7	5 16/32	2.61	2.44	0.93

Reference	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score	Accession	Peptides (Hits)	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
gjl125910[sp]P02754 LACB_BOVIN Beta-lactoglobulin precursor (Beta-LG)	K.WENGCECAQK.I	1671.1	3	2.90	0.1362	1315.3	124/36	2.76	2.33	0.84	
2087-2088	K.GLDIQK.V	961.7	2	2.17	0.1003	727	2 10/10	2.73	2.13	0.78	
2137-2138	K.IDALNENK.V	1204.8	1	3.02	0.3066	558	1 14/14	2.91	2.77	0.95	
2144-2145	K.GLDIQK.V	961.7	1	1.75	0.1736	468.2	2 10/10	1.8	1.78	0.99	
2157-2158	K.ALPMHIR.L	981.6	3	2.59	0.2974	698.2	2 14/24	2.45	2.43	0.99	
2234-2235	K.ALPMHIR.L	981.6	2	2.64	0.1975	672.6	1 12/12	2.62	2.59	0.99	
2239-2240	K.WENGCECAQK.K	1398.9	2	3.63	0.418	1550.3	1 16/16	3.73	3.3	0.88	
2242-2243	R.TPEVDDEALEKFDK.A	1533.9	2	4.83	0.567	1552.1	1 19/20	4.76	4.42	0.93	
2277-2278	K.GLDIQK.V	961.7	2	2.19	0.2243	660.1	2 10/10	2.27	2.13	0.94	
2287-2288	R.TPEVDDEALEK.F	1533.9	1	3.60	0.4903	1145.2	1 17/20	3.21	3.54	1.10	
2297-2298	K.IDALNENK.V	1204.8	2	3.34	0.4016	1854.8	1 14/14	3.28	3.06	0.93	
2309-2310	K.TKIPAVFK.I	1336.0	2	3.29	0.311	678.5	1 13/14	3.34	3.16	0.95	
2472-2473	K.TKIPAVFK.I	1336.0	3	3.71	0.4255	1574.8	1 23/28	3.77	2.85	0.76	
2477-2478	K.IDALNENK.V	1204.8	2	2.94	0.3962	684.9	1 13/14	2.66	2.94	1.11	
2569-2570	K.VLVLDTDYK.K	1626.2	2	4.29	0.4961	1767.1	1 18/18	4.68	4.12	0.88	
2587-2588	K.TKIPAVFK.I	1336.0	3	3.98	0.4242	1383.3	1 22/28	3.83	2.94	0.77	
2649-2650	R.TPEVDDEALEKFDK.A	2068.3	3	5.43	0.5934	1407.1	1 32/52	5.27	4.74	0.90	
2694-2695	R.TPEVDDEALEKFDK.A	2068.3	2	5.39	0.5197	1997.8	1 24/26	5.75	4.46	0.78	
2707-2708	K.VLVLDTDYK.K	1626.2	3	3.49	0.5018	618.5	1 23/36	3.42	3.43	1.00	
2744-2745	K.IPAVFK.I	962.7	2	2.02	0.3021	459.8	1 10/10	2.16	1.7	0.79	
2789-2790	K.IPAVFK.I	962.7	1	1.77	0.319	423.3	1 9/10	1.72	1.77	1.03	
2807-2808	K.VLVLDTDYK.K	1353.9	1	3.01	0.4654	1180.7	1 16/16	2.6	2.84	1.10	
2932-2933	K.VLVLDTDYK.K	1353.9	2	3.48	0.2716	1564	1 16/16	3.29	3.33	1.01	
2982-2983	K.VLVLDTDYK.K	1353.9	2	3.07	0.288	1137.5	1 14/16	2.86	2.54	0.89	
3139-3140	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	7.50	0.5644	2259.3	1 37/76	7.68	6.18	0.80	
3517-3518	R.VYVEELKPTPEGDLEILLQK.W	2745.7	2	4.94	0.5985	1270.5	1 26/38	5.2	4.85	0.93	
3524-3525	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.81	0.5716	2468.8	1 36/76	7.18	6.12	0.85	
3652-3653	R.LSFNPTOLEEOCHI.-	1849.0	2	4.38	0.508	1156	1 19/26	3.95	3.85	0.97	
3699-3700	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	3.85	0.3112	369.8	1 26/76	3.5	3.51	1.00	
3799-3800	R.LSFNPTOLEEOCHI.-	1849.0	2	5.33	0.5873	2117.8	1 24/26	5.17	4.74	0.92	
3822-3823	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.43	0.6069	2769.1	1 38/76	5.68	5.5	0.97	
3924-3925	R.LSFNPTOLEEOCHI.-	1849.0	2	5.12	0.5167	2258.3	1 24/26	5.05	4.66	0.92	
3952-3953	R.TPEVDDEALEKFDK.A	2068.3	3	3.30	0.1581	691.8	1 23/52	2.78	3.14	1.13	
4077-4078	R.LSFNPTOLEEOCHI.-	1849.0	2	5.41	0.5634	2676	1 25/26	5.13	5.32	1.04	
4079-4080	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.50	0.5115	2737.8	1 36/76	6.37	5.05	0.79	
4182-4183	R.LSFNPTOLEEOCHI.-	1849.0	2	4.66	0.5526	2098	1 23/26	4.34	4.46	1.03	
4207-4208	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	2	7.13	0.7303	3470.3	1 32/50	6.24	6.34	1.02	
4214-4215	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	5.90	0.4767	2526.8	1 35/76	5.93	5.13	0.87	
4262-4263	R.LSFNPTOLEEOCHI.-	1849.0	2	5.35	0.5884	2222.1	1 23/26	4.9	5.28	1.08	
4307-4308	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	2	8.20	0.7853	3802.4	1 32/50	7.03	8.01	1.14	
4312-4313	K.VLVLDTDYK.K	1626.2	3	3.31	0.4698	752.5	1 21/36	3.22	3.24	1.01	
4352-4353	K.ALPMHIR.L	981.6	3	2.58	0.1025	779.2	1 14/24	2.27	2.00	0.00	
4354-4355	K.ALPMHIRLSFNPTOLEEOCHI.-	2667.5	3	2.85	0.1041	245.5	2 18/80	2.84	0.00	0.00	
4357-4358	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.45	0.4895	2877.7	1 36/76	6.8	5.31	0.78	
4392-4393	R.LSFNPTOLEEOCHI.-	1849.0	2	4.54	0.5913	2720.2	1 25/26	4.34	4.79	1.10	
4412-4413	K.VLVLDTDYK.K	1626.2	3	4.15	0.4378	1360	1 23/36	3.81	4	1.05	
4462-4463	K.IDALNENK.V	1204.8	2	3.32	0.3762	1646.8	1 14/14	3.28	3.2	0.98	
4494-4495	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.71	0.5249	3218.4	1 38/76	6.81	6.43	0.94	
4497-4498	R.LSFNPTOLEEOCHI.-	1849.0	2	5.40	0.5134	2284.7	1 25/26	4.93	4.9	1.01	
4522-4523	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	3.94	0.4009	1334.2	1 21/28	3.66	3.59	0.98	
4529-4530	K.VLVLDTDYK.K	1353.9	2	2.98	0.2845	1318.8	1 15/16	2.92	0.00	0.00	
4592-4593	R.TPEVDDEALEKFDK.A	2068.3	3	2.61	0.1036	453.8	1 19/52	2.34	0.00	0.00	
4594-4595	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	7.64	0.6195	2688.4	1 44/100	7.35	7.43	1.01	
4602-4603	R.LSFNPTOLEEOCHI.-	1849.0	2	5.33	0.5605	2105.5	1 24/26	4.98	5.38	1.08	
4632-4633	K.IDALNENK.V	1204.8	2	3.12	0.3404	1756.5	1 14/14	3.41	3.19	0.94	
4674-4675	K.VLVLDTDYK.K	1626.2	3	3.94	0.3716	1070	1 23/36	3.86	3.81	0.99	
4844-4845	K.TKIPAVFK.I	1336.0	3	3.20	0.4456	1216.6	1 19/28	2.91	3.18	1.09	
4729-4730	R.LSFNPTOLEEOCHI.-	1849.0	2	4.75	0.5819	2543.5	1 25/26	4.63	4.72	1.02	
4742-4743	R.LSFNPTOLEEOCHI.-	1849.0	2	2.68	0.2711	1428.1	1 15/16	2.72	0.00	0.00	
4744-4745	K.VLVLDTDYK.K	1353.9	2	3.22	0.3328	1647.5	1 14/14	3.29	3.11	0.95	
4787-4788	K.IDALNENK.V	1204.8	2	4.00	0.4125	821.9	1 21/36	3.85	3.95	1.03	
4794-4795	K.VLVLDTDYK.K	1626.2	3	4.12	0.4683	1311.3	1 28/52	4.09	0.00	0.00	
4822-4823	R.TPEVDDEALEKFDK.A	2068.3	3	6.38	0.5249	2251.3	1 38/100	5.69	5.74	1.01	
4832-4833	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	7.03	0.5359	2935.8	1 37/76	6.94	6.08	0.88	
4834-4835	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	5.31	0.5388	2461.5	1 25/26	4.96	4.86	0.98	
4852-4853	R.LSFNPTOLEEOCHI.-	1849.0	2	3.09	0.2962	1537.4	1 16/16	3.3	2.71	0.82	
4884-4885	K.VLVLDTDYK.K	1353.9	2	4.05	0.3461	1275.6	1 20/28	3.79	3.77	0.99	
4889-4890	K.TKIPAVFK.I	1336.0	3	3.24	0.3364	1629.1	1 14/14	3.17	3.17	1.00	
4892-4893	K.IDALNENK.V	1204.8	2	4.17	0.4844	1088.4	1 23/36	4.05	4.16	1.03	
4897-4898	K.VLVLDTDYK.K	1626.2	3	2.66	0.3096	707.1	1 15/24	2.03	2.3	1.13	
4899-4900	K.ALPMHIR.L	981.6	3	3.55	0.3547	718.6	1 24/52	2.83	0.00	0.00	
4934-4935	R.TPEVDDEALEKFDK.A	2068.3	3	4.13	0.2866	712.2	1 29/100	3.82	4.38	1.15	
4937-4938	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	2	5.71	0.5135	2521.3	1 25/26	5.16	5.33	1.03	
4957-4958	R.LSFNPTOLEEOCHI.-	1849.0	2	3.53	0.3833	1184.6	1 20/28	3.37	3.59	1.07	
4992-4993	K.TKIPAVFK.I	1336.0	3	3.22	0.3403	1698.9	1 14/14	3.3	3.46	1.05	
4999-5000	K.IDALNENK.V	1204.8	2	3.04	0.3607	1307.8	1 16/16	2.95	2.63	0.89	
5009-5010	K.VLVLDTDYK.K	1353.9	2	3.99	0.4587	1106.4	1 24/36	3.69	3.99	1.08	
5034-5035	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	7.54	0.5959	2559.1	1 40/100	7.3	6.94	0.95	
5042-5043	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	6.96	0.5547	2403.2	1 38/76	6.83	6.62	0.97	
5044-5045	R.LSFNPTOLEEOCHI.-	1849.0	2	5.29	0.5328	2318.5	1 24/26	5.08	4.87	0.96	
5062-5063	R.TPEVDDEALEKFDK.A	2068.3	3	2.74	0.2883	618.8	1 22/52	2.88	0.00	0.00	
5074-5075	K.WENGCECAQK.K	1398.9	2	2.47	0.2759	741.9	1 14/16	2.33	2.62	1.12	
5079-5080	K.IDALNENK.V	1204.8	2	3.19	0.3174	1658.3	1 14/14	3.19	3.31	1.04	
5112-5113	K.VLVLDTDYK.K	1353.9	2	2.85	0.2975	770.4	1 16/16	2.95	2.38	0.81	
5122-5123	K.VLVLDTDYK.K	1626.2	3	3.93	0.4337	1031.6	1 24/36	3.76	3.95	1.05	
5139-5140	K.VLVLDTDYK.K	1626.2	3	4.63	0.3937	1169.3	1 34/100	4.15	4.12	0.99	
5147-5148	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	6.75	0.5813	2218	1 36/76	6.91	6.33	0.92	
5154-5155	R.VYVEEL										

5402-5403	K.TKIPAVFK.I	1336.0	3	3.87	0.4029	1040.1	1	19/28	3.66	3.63	0.99
5422-5423	R.TPEVDDALEKFDK.A	2068.3	3	3.51	0.4568	841.6	1	26/52	4.04	3.02	0.75
5442-5443	K.VLVLDTDYK.K	1353.9	2	2.75	0.3524	703.5	1	16/16	3.02	2.02	0.67
5462-5463	R.LSFNPTOLEEOCHI.-	1849.0	2	5.24	0.5654	2264.3	1	25/26	5.03	5.04	1.00
5472-5473	K.VLVLDTDYK.Y	1626.2	3	4.05	0.4303	1021.8	1	23/36	3.37	4.17	1.24
5477-5478	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.83	0.5504	2556.4	1	39/76	6.97	5.93	0.85
5499-5500	K.IDALNENK.V	1204.8	2	3.21	0.2963	1457.5	1	14/14	3.29	3.35	1.02
5509-5510	K.TKIPAVFK.I	1336.0	3	4.03	0.4043	1358.7	1	21/28	3.72	3.9	1.05
5544-5545	R.TPEVDDALEKFDK.A	2068.3	3	3.90	0.4441	676.5	1	25/52	3.52	2.98	0.85
5547-5548	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	7.14	0.5294	2273.8	1	39/100	6.86	6.47	0.94
5549-5550	K.VLVLDTDYK.K	1353.9	2	2.86	0.3284	562.9	1	14/16	2.89	2.28	0.79
5564-5565	R.LSFNPTOLEEOCHI.-	1849.0	2	5.03	0.4983	2152.9	1	24/26	5.1	4.57	0.90
5574-5575	K.VLVLDTDYK.Y	1626.2	3	3.78	0.416	867.6	1	22/36	3.65	4.25	1.16
5594-5595	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	6.98	0.5597	2706.3	1	37/76	7.07	6.17	0.87
5612-5613	K.IDALNENK.V	1204.8	2	3.26	0.3228	1636.4	1	14/14	3.26	3.53	1.08
5629-5630	K.TKIPAVFK.I	1336.0	3	3.81	0.3714	1075.6	1	19/28	3.53	3.6	1.02
5654-5655	K.VLVLDTDYK.K	1353.9	2	2.98	0.1966	864.4	1	15/16	3.2	2.53	0.79
5657-5658	R.LSFNPTOLEEOCHI.-	1849.0	2	5.03	0.5233	2485.6	1	25/26	5.1	4.69	0.92
5659-5660	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	4.59	0.3965	676.3	1	31/100	4.72	3.09	0.65
5707-5708	K.IDALNENK.V	1204.8	2	3.02	0.384	1523	1	14/14	3.27	3.39	1.04
5742-5743	R.LSFNPTOLEEOCHI.-	1849.0	2	5.02	0.5344	2017.2	1	24/26	5.01	4.61	0.92
5744-5745	K.VLVLDTDYK.K	1353.9	2	2.72	0.2557	723.1	1	15/16	3.11	1.95	0.63
5847-5848	R.LSFNPTOLEEOCHI.-	1849.0	2	5.13	0.5656	2116.9	1	25/26	4.88	4.55	0.93
5849-5850	K.VLVLDTDYK.K	1353.9	2	2.46	0.2702	288.8	1	13/16	2.83	1.7	0.60
5874-5875	K.IDALNENK.V	1204.8	2	3.28	0.3769	1257.3	1	14/14	3.33	3.02	0.91
5947-5948	R.LSFNPTOLEEOCHI.-	1849.0	2	5.18	0.5501	1877.7	1	25/26	5.1	4.78	0.94
5959-5960	K.VLVLDTDYK.K	1353.9	2	2.33	0.152	422.1	1	15/16	2.65	1.68	0.63
5979-5980	K.IDALNENK.V	1204.8	2	3.05	0.3478	1014.1	1	14/14	2.98	3.12	1.05
6059-6060	R.LSFNPTOLEEOCHI.-	1849.0	2	5.14	0.5643	2092.9	1	25/26	5.07	4.91	0.97
6072-6073	K.VLVLDTDYK.K	1353.9	2	2.51	0.3081	335.3	1	13/16	2.7	1.92	0.71
6104-6105	K.VLVLDTDYK.Y	1626.2	3	3.43	0.4287	923.8	1	23/36	3.11	3.35	1.08
6144-6145	K.WENGECAOK.K	1398.9	2	2.04	0.2724	322.4	2	15/16	2.69	1.32	0.49
6167-6168	R.LSFNPTOLEEOCHI.-	1849.0	2	5.33	0.5418	2156.9	1	25/26	4.89	4.66	0.95
6214-6215	K.VLVLDTDYK.K	1353.9	2	2.54	0.3059	454.9	1	15/16	2.61	1.48	0.57
6254-6255	K.IDALNENK.V	1204.8	2	2.90	0.3526	1059.7	1	14/14	3.05	2.91	0.95
6307-6308	K.VLVLDTDYK.Y	1626.2	3	3.04	0.3715	531.4	1	20/36	2.68	2.71	1.01
6312-6313	K.VLVLDTDYK.K	1353.9	2	2.74	0.3811	550.3	1	15/16	2.67	1.54	0.58
6417-6418	K.VLVLDTDYK.K	1353.9	2	2.12	0.3413	441.6	1	15/16	2.7	1.22	0.45
6419-6420	K.VLVLDTDYK.Y	1626.2	3	3.19	0.4378	809	1	21/36	2.88	3.33	1.16
6434-6435	R.LSFNPTOLEEOCHI.-	1849.0	2	5.20	0.5374	2660.8	1	25/26	5.08	4.82	0.95
6494-6495	K.IDALNENK.V	1204.8	2	2.91	0.3582	1175.1	1	14/14	3.03	3.04	1.00
6509-6510	K.VAGTWYSLAMAASDISLLDAQSAPLR.V	2851.5	3	3.33	0.1097	339.3	1	26/100	3.38	2.66	0.79
6514-6515	K.VLVLDTDYK.K	1353.9	2	2.24	0.246	393.4	1	14/16	2.61	1.93	0.74
6519-6520	K.VLVLDTDYK.Y	1626.2	3	3.91	0.4491	1263.6	1	25/36	3.85	4.05	1.05
6527-6528	R.LSFNPTOLEEOCHI.-	1849.0	2	5.21	0.5265	2164.6	1	24/26	4.92	4.73	0.96
6529-6530	R.VYVEELKPTPEGDLEILLQK.W	2745.7	3	7.00	0.5568	2892	1	38/76	7.44	6.35	0.85
6554-6555	K.TKIPAVFK.I	1336.0	3	3.73	0.3679	834.5	1	18/28	3.52	2.8	0.80
6572-6573	K.ALPMHIR.L	981.6	3	2.74	0.3184	874.2	1	15/24	2.44	2.5	1.02
6577-6578	K.IDALNENK.V	1204.8	2	3.29	0.285	1567.7	1	14/14	3.5	3.22	0.92
6594-6595	K.VLVLDTDYK.Y	1626.2	3	4.11	0.4333	1020	1	23/36	3.32	3.92	1.18
6647-6648	K.ALPMHIR.L	981.6	3	2.55	0.2938	1006.5	1	16/24	2.37	2.72	1.15
6649-6650	K.IDALNENK.V	1204.8	2	3.17	0.3875	1762.8	1	14/14	3.25	3.05	0.94
6659-6660	K.VLVLDTDYK.K	1353.9	2	3.44	0.2476	1553.8	1	16/16	3.36	3.05	0.91
6664-6665	K.VLVLDTDYK.Y	1626.2	3	3.78	0.533	1421.4	1	26/36	3.63	4.33	1.19
6694-6695	K.TKIPAVFK.I	1336.0	3	3.52	0.3481	1268.6	1	21/28	3.59	3.12	0.87
6712-6713	K.ALPMHIR.L	981.6	3	2.62	0.2786	910.3	1	15/24	2.1	2.51	1.20
6714-6715	K.IDALNENK.V	1204.8	2	3.34	0.37	1785.1	1	14/14	3.32	3.31	1.00
6777-6778	K.ALPMHIR.L	981.6	3	2.55	0.3161	923.6	1	15/24	2.38	2.47	1.04
6779-6780	K.IDALNENK.V	1204.8	2	3.63	0.3346	1797.7	1	14/14	3.59	3.29	0.92

Reference File, Scan(s)	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score	Accession	Peptides (Hits)	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
					Delta	Cn Sp	RSp Ions				
gjl125996[sp]P00711[LALBA_BOVIN Alpha-lactalbumin precursor							51 (51 0 0 0 0)				
2142-2143	K.ALCSEK.L	984.7	2	2.06	0.197	553.8	2	10/10	2.27	1.83	0.81
2149-2150	K.ALCSEK.L	984.7	1	1.93	0.3198	290.4	1	10/10	1.99	1.88	0.94
2292-2293	K.ALCSEK.L	984.7	2	2.29	0.1927	679.5	1	10/10	2.27	2.09	0.92
2592-2593	K.CEVFR.E	843.6	1	1.90	0.1925	252.4	1	8/8	1.7	1.76	1.04
2892-2893	K.DDQNPHESSNICSDCK.F	2270.3	3	5.93	0.5178	249.1	1	32/64	5.63	5.73	1.02
2904-2905	K.DDQNPHESSNICSDCK.F	2270.3	2	6.02	0.5423	2007.8	1	25/32	6.52	5.16	0.79
2979-2980	K.VGINYWLAAH.K	1489.0	3	4.08	0.4	1768.2	1	25/36	4.01	3.78	0.94
2987-2988	K.VGINYWLAAH.K	1489.0	2	4.40	0.3983	2030	1	18/18	4.61	4.57	0.99
3307-3308	K.LDQWLCEK.L	1368.9	2	3.44	0.3136	1454.6	1	14/14	3.21	3.13	0.98
3324-3325	K.LDQVGINYWLAAH.K	2102.4	3	6.67	0.6109	4050.2	1	36/52	6.69	6.6	0.99
3702-3703	K.FLDDDLTDDIMCVK.K	1977.1	2	6.02	0.5825	3638.4	1	26/26	6.4	5.91	0.92
3707-3708	K.FLDDDLTDDIMCVK.K	1977.1	3	5.18	0.5447	2143.8	1	32/52	4.3	5.07	1.18
3772-3773	K.LDQWLCEK.L	1482.0	2	3.49	0.4409	1456.4	1	15/16	3.87	2.88	0.74
3787-3788	K.LDQWLCEK.L	1482.0	1	3.75	0.4858	867.2	1	14/16	3.46	3.73	1.08
3902-3903	K.LDQWLCEK.L	1482.0	2	3.93	0.4813	1522.5	1	15/16	3.62	3.53	0.98
3927-3928	K.FLDDDLTDDIMCVK.K	1977.1	2	2.10	0.1208	250.8	1	15/26	2.09	1.08	0.52
3969-3970	K.ALCSEKLDQWLCEK.L	2303.5	3	4.98	0.4553	1292.7	1	27/56	4.15	3.55	0.86
4032-4033	K.LDQWLCEK.L	1482.0	2	3.53	0.4066	1641.3	1	15/16	3.65	3.49	0.96
4149-4150	K.LDQWLCEK.L	1482.0	2	3.47	0.419	1721.2	1	15/16	3.63	3.24	0.89
4339-4340	K.CEVFR.E	843.6	2	2.12	0.2628	612.9	1	8/8	1.73	2.01	1.16
4404-4405	K.LDQWLCEK.L	1482.0	2	4.02	0.4683	1869.6	1	15/16	3.72	3.4	0.91
4449-4450	K.CEVFR.E	843.6	2	2.03	0.275	547.3	1	8/8	1.65	1.88	1.14
4512-4513	K.LDQWLCEK.L	1482.0	2	3.55	0.3695	1641.3	1	15/16	3.6	3.54	0.98
4622-4623	K.LDQWLCEK.L	1482.0	2	3.74	0.4231	1824.2	1	15/16	3.93	3.42	0.87
4739-4740	K.LDQWLCEK.L	1482.0	2	3.59	0.4039	1204.1	1	15/16	3.61	3.41	0.94
4812-4813	K.ALCSEK.L	984.7	2	2.06	0.1124	579.7	1	10/10	2.01	1.97	0.98
4849-4850	K.LDQWLCEK.L	1482.0	2	3.61	0.4007	945.8	1	15/16	3.72	3.15	0.85
4952-4953	K.LDQWLCEK.L	1482.0	2	3.87	0.478	1294.1	1	15/16	3.94	3.29	0.84
5057-5058	K.VGINYWLAAH.K	1489.0	3	2.64	0.2992	1450.9	1	22/36	2.87	2.87	1.00
5064-5065	K.LDQWLCEK.L	1482.0	2	3.46	0.3975	1381.1	1	15/16	3.53	3.31	0.94
5169-5170	K.LDQWLCEK.L	1482.0	2	3.47	0.4172	1275.1	1	15/16	3.58	3.26	0.91
5239-5240	K.ALCSEK.L	984.7	2	2.01	0.3034	416.2	3	9/10	2	1.9	0.95
5269-5270	K.LDQWLCEK.L	1482.0	2	3.81	0.4668	1301.7	1	15/16	3.85	3.25	0.84
5369-5370	K.LDQWLCEK.L	1482.0	2	3.46	0.3815	1336.8	1	15/16	3.59	3.3	0.92
5464-5465	K.LDQWLCEK.L	1482.0	2	3.59	0.4813	1522.5	1	15/16	3.73	3.27	0.88
5539-5540	K.ALCSEK.L	984.7	2	2.05	0.1099	578.4	1	10/10	2.2	1.65	0.75
5562-5563	K.LDQWLCEK.L	1482.0	2	3.37	0.3679	1375.9	1	15/16	3.52	3.35	0.95
5602-5603	K.LDQWLCEK.L	1368.9	2	2.92	0.2134	805.5	1	14/14	2.83	2.35	0.83
5664-5665	K.LDQWLCEK.L	1482.0	2	3.27	0.4415	949.7	1	15/16	3.32	3.21	0.97
5757-5758	K.LDQWLCEK.L	1482.0	2	3.86	0.4686	1423.4	1	15/16	3.47	3.45	

Reference	Sequence	MH+	Charge	Xcorr (merged CID/PQD)	Score	Accession	Peptides (Hits)	Count	Xcorr (CID)	Xcorr (PQD)	Ratio (PQD/CID)
File, Scan(s)					Delta Cn	Sp	RSp Ions	192 (192 0 0 0 0)			
6604-6605	K.VGINYWLAK.H.A	1489.0	3	3.47	0.4048	1560.5	1 24/36		3.18	3.32	1.04
gj126608sp P00698 LYSC_CHICK Lysozyme C precursor (1,4-beta-N-acetylmuramida											
1549-1550	R.HGLDNYR.G	1018.6	2	2.04	0.2875	682.7	1 11/12		1.94	1.97	1.02
2217-2218	K.FESNFNTQATNR.N	1572.8	2	5.01	0.5575	1584.2	1 22/22		4.97	4.25	0.86
2247-2248	K.FESNFNTQATNR.N	1572.8	3	3.87	0.4498	857.2	1 20/44		3.28	3.75	1.14
2257-2258	K.FESNFNTQATNR.N	1572.8	1	3.96	0.6045	499.5	1 16/22		3.7	2.18	0.59
2269-2270	K.FESNFNTQATNR.N	1572.8	1	3.86	0.4534	493.6	1 16/22		3.9	2.2	0.56
2374-2375	K.FESNFNTQATNR.N	1572.8	2	4.67	0.5018	2107.7	1 22/22		4.73	4.18	0.88
2757-2758	K.FESNFNTQATNR.N	1572.8	2	4.71	0.5188	2408.9	1 21/22		4.43	4.52	1.02
2777-2778	K.GTDVQAWIR.G	1189.7	2	3.36	0.3449	1095.6	1 16/16		3.66	3.84	1.05
2787-2788	R.CELAAAMK.R	1170.8	2	3.44	0.4184	2084	1 14/14		3.53	3.27	0.93
2792-2793	K.GTDVQAWIR.G	1189.7	1	2.56	0.2589	499.9	1 15/16		2.43	1.93	0.79
2804-2805	R.CELAAAMK.R	1170.8	1	2.69	0.378	1074.5	1 14/14		2.61	2.22	0.85
2812-2813	R.NTDGSTDYGILQINSR.W	1898.0	2	5.02	0.6479	2852.1	1 27/30		4.82	5.18	1.07
2829-2830	R.NTDGSTDYGILQINSR.W	1898.0	1	3.99	0.6366	635.4	1 19/30		3.9	4.36	1.12
2844-2845	R.NTDGSTDYGILQINSR.W	1898.0	1	4.35	0.6257	667	1 21/30		4.36	5.22	1.20
2912-2913	K.GTDVQAWIR.G	1189.7	2	3.20	0.3954	1045.9	1 16/16		3.91	3.18	0.81
2922-2923	R.CELAAAMK.R	1170.8	2	3.70	0.4	2130.9	1 14/14		3.73	3.26	0.87
2952-2953	R.NTDGSTDYGILQINSR.W	1898.0	2	5.89	0.6362	3793.1	1 29/30		5.64	5.4	0.96
2977-2978	R.WWCNDGR.T	1126.6	2	2.40	0.286	796.6	1 12/12		2.57	2.29	0.89
2992-2993	R.WWCNDGR.T	1126.6	1	2.43	0.3201	279.5	1 12/12		2.18	1.62	0.74
3069-3070	R.CELAAAMK.R	1170.8	2	3.05	0.4154	2072.4	1 14/14		3.14	2.91	0.93
3084-3085	K.KIVSDGNGMNAWVAWR.N	2092.2	3	6.22	0.4255	3691.1	1 38/60		6.04	5.6	0.93
3114-3115	R.WWCNDGR.T	1126.6	2	2.56	0.2926	894.6	1 12/12		2.72	2.33	0.86
3149-3150	K.KIVSDGNGMNAWVAWR.N	2092.2	2	4.25	0.3821	2054.4	1 26/30		4.63	2.74	0.59
3249-3250	R.WWCNDGR.T	1126.6	2	2.14	0.2044	910.5	1 12/12		2.51	1.98	0.79
3367-3368	K.IVSDGNGMNAWVAWR.N	1820.0	3	4.15	0.3451	2873.6	1 31/56		3.87	2.9	0.75
3394-3395	R.GYSLGNVWCAAK.F	1603.0	1	4.28	0.6888	1809.2	1 19/22		3.36	4.41	1.31
3422-3423	R.GYSLGNVWCAAK.F	1603.0	2	5.40	0.6838	2493.1	1 22/22		5.29	5.51	1.04
3432-3433	R.GYSLGNVWCAAK.F	1603.0	3	3.51	0.4542	1470.5	1 26/44		3.06	3.5	1.14
3444-3445	K.GTDVQAWIR.G	1189.7	2	3.36	0.3374	987.4	1 16/16		3.5	2.9	0.83
3457-3458	K.IVSDGNGMNAWVAWR.N	1820.0	1	2.40	0.5603	634.1	1 20/28		2.03	3.4	1.67
3482-3483	K.IVSDGNGMNAWVAWR.N	1820.0	2	3.87	0.4052	3000	1 28/28		3.8	3.77	0.99
3577-3578	R.GYSLGNVWCAAK.F	1603.0	2	5.03	0.6894	3079.8	1 22/22		5.21	4.61	0.88
3634-3635	K.IVSDGNGMNAWVAWR.N	1820.0	2	4.77	0.5023	2660.1	1 26/28		4.41	4.1	0.93
3642-3643	R.WWCNDGR.T	1126.6	2	2.15	0.1388	747.2	1 12/12		2.36	1.94	0.82
3734-3735	R.GYSLGNVWCAAK.F	1603.0	2	4.68	0.7087	2645.8	1 21/22		4.36	4.66	1.07
3884-3885	R.GYSLGNVWCAAK.F	1603.0	2	4.36	0.6361	2598.5	1 22/22		4.55	4.34	0.95
3989-3990	R.WWCNDGR.T	1126.6	2	2.17	0.1476	652.9	1 11/12		2.29	2.29	1.00
4027-4028	R.GYSLGNVWCAAK.F	1603.0	2	4.47	0.6749	2379.4	1 21/22		4.41	4.01	0.90
4122-4123	R.WWCNDGR.T	1126.6	2	2.33	0.2509	781.5	1 12/12		2.37	2.36	1.00
4159-4160	K.FESNFNTQATNR.N	1572.8	2	3.34	0.3378	889.7	1 19/22		3.6	2.37	0.66
4169-4170	R.NLNCIPCSALLSSDITAVNCAK.K	2763.7	3	2.76	0.2692	124.6	5 21/88		1.78	3.7	2.08
4189-4190	K.IVSDGNGMNAWVAWR.N	1820.0	2	3.65	0.5284	1506.3	1 22/28		3.58	3.68	1.03
4222-4223	R.NLNCIPCSALLSSDITAVNCAK.K	2763.7	2	6.84	0.7383	1610.1	1 27/44		5.94	6.74	1.13
4254-4255	R.WWCNDGR.T	1126.6	2	2.45	0.3317	821.8	1 12/12		2.4	2.16	0.90
4304-4305	K.GTDVQAWIR.G	1189.7	2	3.52	0.3646	1074.4	1 16/16		3.34	3.00	0.90
4319-4320	R.CELAAAMK.R	1170.8	2	3.06	0.428	2039.6	1 14/14		3.11	2.8	0.90
4324-4325	R.GYSLGNVWCAAK.F	1603.0	3	2.67	0.3112	988.3	1 22/44		2.53	2.47	0.98
4327-4328	R.NLNCIPCSALLSSDITAVNCAK.K	2763.7	2	6.66	0.7449	1492.9	1 25/44		5.89	6.93	1.18
4364-4365	R.WWCNDGR.T	1126.6	2	2.19	0.2625	779.4	1 12/12		2.15	2.35	1.09
4387-4388	R.GYSLGNVWCAAK.F	1603.0	2	4.86	0.6769	2472.3	1 21/22		4.94	4.61	0.93
4417-4418	K.FESNFNTQATNR.N	1572.8	2	4.08	0.5364	1068	1 19/22		4.01	3.35	0.84
4419-4420	K.GTDVQAWIR.G	1189.7	2	4.16	0.3612	1052.2	1 16/16		4.13	3.68	0.89
4427-4428	R.CELAAAMK.R	1170.8	2	3.49	0.4108	2101	1 14/14		3.39	3.36	0.99
4429-4430	R.GYSLGNVWCAAK.F	1603.0	3	3.00	0.323	1372.6	1 25/44		2.92	2.9	0.99
4467-4468	R.WWCNDGR.T	1126.6	2	2.25	0.2453	785.8	1 12/12		2.47	2.1	0.85
4492-4493	R.NTDGSTDYGILQINSR.W	1898.0	3	3.91	0.3893	1702.7	1 30/60		3.74	3.15	0.84
4509-4510	R.GYSLGNVWCAAK.F	1603.0	2	5.23	0.7024	2616.9	1 22/22		5.24	5.44	1.04
4527-4528	K.GTDVQAWIR.G	1189.7	2	3.32	0.3331	1030	1 16/16		3.59	3.97	1.11
4532-4533	K.FESNFNTQATNR.N	1572.8	2	4.21	0.5403	1635.4	1 21/22		4.44	3.99	0.90
4537-4538	R.CELAAAMK.R	1170.8	2	3.51	0.4199	2016.2	1 14/14		3.68	3.46	0.94
4582-4583	R.WWCNDGR.T	1126.6	2	2.38	0.3094	787.3	1 12/12		2.39	2.19	0.92
4642-4643	K.GTDVQAWIR.G	1189.7	2	3.66	0.3729	1004.2	1 16/16		3.68	3.44	0.93
4647-4648	R.CELAAAMK.R	1170.8	2	2.54	0.368	1062.2	1 14/14		2.52	2.58	0.98
4649-4650	R.GYSLGNVWCAAK.F	1603.0	3	2.66	0.3229	1235.1	1 23/44		2.59	2.36	0.91
4652-4653	R.GYSLGNVWCAAK.F	1603.0	2	5.47	0.6919	2553.4	1 21/22		5.38	5.07	0.94
4654-4655	K.FESNFNTQATNR.N	1572.8	2	4.68	0.5439	1737.2	1 22/22		4.45	3.99	0.90
4702-4703	R.NTDGSTDYGILQINSR.W	1898.0	2	6.30	0.5992	3015.3	1 28/30		5.67	6.1	1.08
4734-4735	K.IVSDGNGMNAWVAWR.N	1820.0	2	4.33	0.5937	2526.2	1 26/28		4.51	4.29	0.95
4754-4755	K.GTDVQAWIR.G	1189.7	2	3.36	0.3274	940	1 16/16		3.93	3.4	0.87
4762-4763	R.CELAAAMK.R	1170.8	2	3.51	0.4498	2194.7	1 14/14		3.65	3.2	0.88
4764-4765	R.GYSLGNVWCAAK.F	1603.0	3	3.37	0.4058	1520.9	1 26/44		3.14	3.25	1.04
4774-4775	K.FESNFNTQATNR.N	1572.8	2	4.78	0.5077	2036.2	1 21/22		4.8	4.72	0.98
4777-4778	R.GYSLGNVWCAAK.F	1603.0	2	5.34	0.6839	1659.3	1 21/22		5.32	5.32	1.00
4802-4803	R.WWCNDGR.T	1126.6	2	2.13	0.2635	720.5	1 12/12		2.15	1.9	0.88
4842-4843	K.KIVSDGNGMNAWVAWR.N	2092.2	3	4.15	0.3549	2797.8	1 33/60		4.14	2.88	0.70
4857-4858	K.GTDVQAWIR.G	1189.7	2	3.34	0.3603	1067.3	1 16/16		3.4	3.35	0.99
4867-4868	R.GYSLGNVWCAAK.F	1603.0	3	2.66	0.2188	1113.2	1 22/44		2.04	2.85	1.40
4869-4870	R.CELAAAMK.R	1170.8	2	3.24	0.4271	2033.9	1 14/14		3.31	3.21	0.97
4879-4880	K.FESNFNTQATNR.N	1572.8	2	5.02	0.5286	1856.5	1 21/22		4.91	4.24	0.86
4902-4903	R.GYSLGNVWCAAK.F	1603.0	2	5.36	0.6795	2392	1 22/22		5.36	5.27	0.98
4907-4908	R.WWCNDGR.T	1126.6	2	2.38	0.2954	787	1 12/12		2.54	2.38	0.94
4912-4913	R.NTDGSTDYGILQINSR.W	1898.0	3	3.85	0.319	1602.8	1 28/60		3.78	3.05	0.81
4927-4928	R.NLNCIPCSALLSSDITAVNCAK.K	2763.7	3	5.68	0.5485	2109.1	1 39/88		5.57	5.81	1.04
4962-4963	K.GTDVQAWIR.G	1189.7	2	3.23	0.3636	1069	1 16/16		3.33	3.66	1.10
4972-4973	R.CELAAAMK.R	1170.8	2	3.32	0.385	1995.1	1 14/14		3.44	3.19	0.93
4977-4978	R.GYSLGNVWCAAK.F	1603.0	3	3.29	0.2177	1187.7	1 24/44		3	3.05	1.02
5004-5005	K.FESNFNTQATNR.N	1572.8	2	4.97	0.5133	1778	1 21/22		4.74	4.46	0.94
5007-5008	R.GYSLGNVWCAAK.F	1603.0									

5287-5288	R.CELAAAMK.R	1170.8	2	3.39	0.4221	2130.4	1 14/14	3.34	3.03	0.91
5304-5305	K.KIVSDGNGMNAWVAWR.N	2092.2	3	4.00	0.4148	1926.7	1 31/60	3.91		0.00
5334-5335	R.GYSLGNWVCAAK.F	1603.0	2	5.12	0.6794	1973.4	1 22/22	5.15	5.3	1.03
5354-5355	K.FESNFNTQATNR.N	1572.8	2	5.02	0.5267	1785.6	1 21/22	4.84	4.56	0.94
5374-5375	K.GTDVQAWIR.G	1189.7	2	3.15	0.3705	1064.3	1 16/16	3.41	3.22	0.94
5384-5385	K.IVSDGNGMNAWVAWR.N	1820.0	2	5.02	0.5063	2820.4	1 27/28	4.89	4.16	0.85
5387-5388	R.GYSLGNWVCAAK.F	1603.0	3	2.76	0.2318	976	1 22/44	2.06	2.53	1.23
5389-5390	R.CELAAAMK.R	1170.8	2	3.30	0.4073	2018.1	1 14/14	3.36	2.88	0.86
5399-5400	R.NTDGSTDYGILQINSR.W	1898.0	3	3.82	0.303	1123.6	1 30/60	3.65	3.1	0.85
5432-5433	R.WWCNDGR.T	1126.6	2	2.09	0.2057	634	1 12/12	2.1	1.75	0.83
5437-5438	R.NLNCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.61	0.5516	1916.7	1 37/88	5.42	5.55	1.02
5454-5455	K.FESNFNTQATNR.N	1572.8	2	4.80	0.4807	1944.5	1 22/22	4.87	4.68	0.96
5467-5468	K.GTDVQAWIR.G	1189.7	2	3.37	0.3573	912.8	2 15/16	3.35	3.28	0.98
5482-5483	R.CELAAAMK.R	1170.8	2	3.33	0.418	1973.2	1 14/14	3.4	2.9	0.85
5494-5495	K.IVSDGNGMNAWVAWR.N	1820.0	2	5.13	0.5168	2717.8	1 27/28	5.1	4.49	0.88
5502-5503	R.NTDGSTDYGILQINSR.W	1898.0	3	3.52	0.3607	675.9	1 27/60	3.26	3.17	0.97
5507-5508	R.GYSLGNWVCAAK.F	1603.0	2	4.96	0.6974	1742.1	1 21/22	4.98	5.22	1.05
5567-5568	K.GTDVQAWIR.G	1189.7	2	3.47	0.3675	1121.1	1 16/16	3.58	3.35	0.94
5579-5580	K.FESNFNTQATNR.N	1572.8	2	5.07	0.522	1520.8	1 22/22	4.87	4.44	0.91
5582-5583	R.CELAAAMK.R	1170.8	2	3.38	0.4246	2116.6	1 14/14	3.48	3.29	0.95
5584-5585	R.GYSLGNWVCAAK.F	1603.0	3	3.14	0.3349	1151.9	1 23/44	3.06	3.44	1.12
5609-5610	R.GYSLGNWVCAAK.F	1603.0	2	5.08	0.6977	1991.3	1 21/22	5.23	5.1	0.98
5614-5615	K.IVSDGNGMNAWVAWR.N	1820.0	2	5.09	0.5063	2791.7	1 27/28	5.21	4.62	0.89
5647-5648	R.NTDGSTDYGILQINSR.W	1898.0	3	3.34	0.2493	340.5	2 22/60	3.33	1.98	0.59
5662-5663	K.GTDVQAWIR.G	1189.7	2	3.37	0.3593	1093.9	1 16/16	3.62	3.3	0.91
5674-5675	K.FESNFNTQATNR.N	1572.8	2	4.77	0.5527	1058.8	1 21/22	4.67	4.02	0.86
5677-5678	R.CELAAAMK.R	1170.8	2	3.57	0.4167	2116.8	1 14/14	3.55	3.28	0.92
5679-5680	R.GYSLGNWVCAAK.F	1603.0	3	2.91	0.4053	1115	1 24/44	2.73	2.8	1.03
5717-5718	R.WWCNDGR.T	1126.6	2	2.05	0.177	627.7	1 11/12	2	2.39	1.20
5722-5723	R.NLNCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.82	0.5791	1511.1	1 35/88	5.51	6.45	1.17
5747-5748	R.NTDGSTDYGILQINSR.W	1898.0	3	3.12	0.2413	408.5	2 24/60	3.2	2.16	0.68
5752-5753	K.GTDVQAWIR.G	1189.7	2	3.46	0.2647	1042.2	1 16/16	3.95	3.24	0.82
5777-5778	R.CELAAAMK.R	1170.8	2	3.53	0.425	2124.8	1 14/14	3.47	3.27	0.94
5787-5788	K.FESNFNTQATNR.N	1572.8	2	4.14	0.5248	840.3	1 21/22	4.62	2.81	0.61
5799-5800	K.KIVSDGNGMNAWVAWR.N	2092.2	3	4.13	0.368	989.9	1 34/60	4.05	2.72	0.67
5814-5815	R.NLNCNIPCSALLSSDITASVNCAK.K	2763.7	3	4.55	0.5329	917.5	1 32/88	4.24	4.59	1.08
5819-5820	R.WWCNDGR.T	1126.6	2	2.08	0.1599	782.4	1 12/12	2.14	2.21	1.03
5854-5855	K.GTDVQAWIR.G	1189.7	2	3.87	0.3351	1093.3	1 16/16	3.88	3.34	0.86
5864-5865	R.GYSLGNWVCAAK.F	1603.0	3	3.07	0.3665	1410.6	1 24/44	2.65	3.04	1.15
5879-5880	R.CELAAAMK.R	1170.8	2	3.45	0.4231	2037.6	1 14/14	3.56	3.18	0.89
5887-5888	K.FESNFNTQATNR.N	1572.8	2	3.80	0.485	575	1 21/22	4.96	1.3	0.28
5912-5913	R.NLNCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.11	0.545	1131.6	1 33/88	5.03	5.03	0.98
5922-5923	R.WWCNDGR.T	1126.6	2	2.02	0.1085	713.9	1 12/12	2.12	1.79	0.84
5942-5943	R.NTDGSTDYGILQINSR.W	1898.0	3	3.02	0.1325	309.9	1 24/60	2.96	2.41	0.81
5952-5953	K.GTDVQAWIR.G	1189.7	2	3.60	0.3476	905.1	1 16/16	3.52	3.25	0.92
5974-5975	R.GYSLGNWVCAAK.F	1603.0	3	3.14	0.3534	886.3	1 21/44	2.96	2.56	0.86
5987-5988	K.FESNFNTQATNR.N	1572.8	2	3.12	0.4405	495.2	1 21/22	4.77	1.22	0.26
5999-6000	R.GYSLGNWVCAAK.F	1603.0	2	4.79	0.6848	1079.8	1 22/22	4.46	5.11	1.15
6002-6003	R.CELAAAMK.R	1170.8	2	3.48	0.4162	2078.3	1 14/14	3.44	3.28	0.95
6012-6013	R.NLNCNIPCSALLSSDITASVNCAK.K	2763.7	3	6.14	0.5727	1820.4	1 35/88	5.84	5.85	1.00
6024-6025	R.WWCNDGR.T	1126.6	2	2.05	0.2227	708.5	1 12/12	2.12	1.86	0.88
6042-6043	R.NTDGSTDYGILQINSR.W	1898.0	3	3.15	0.2921	365.5	1 22/60	2.92	2.46	0.84
6052-6053	K.GTDVQAWIR.G	1189.7	2	3.13	0.3035	1033	1 16/16	3.53	2.87	0.81
6089-6090	K.FESNFNTQATNR.N	1572.8	2	2.75	0.4521	348.2	1 20/22	4.71	1.21	0.26
6112-6113	R.NLNCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.07	0.5709	1403.4	1 37/88	4.96	4.69	0.95
6124-6125	R.CELAAAMK.R	1170.8	2	3.34	0.4511	2088.5	1 14/14	3.32	3.14	0.95
6142-6143	R.NTDGSTDYGILQINSR.W	1898.0	3	2.68	0.2035	189.4	4 20/60	2.65	1.54	0.58
6164-6165	K.GTDVQAWIR.G	1189.7	2	3.38	0.3584	1087.6	1 16/16	3.66	3.27	0.89
6169-6170	R.GYSLGNWVCAAK.F	1603.0	2	4.25	0.6299	1514.4	1 21/22	4.8	4.8	1.13
6189-6190	K.FESNFNTQATNR.N	1572.8	2	2.54	0.4319	304.6	1 20/22	4.71	0.88	0.19
6209-6210	K.KIVSDGNGMNAWVAWR.N	2092.2	3	2.91	0.3978	295.6	1 27/60	3.65	0.92	0.25
6217-6218	R.NLNCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.12	0.542	1124	1 35/88	4.7	4.72	1.00
6262-6263	K.GTDVQAWIR.G	1189.7	2	3.44	0.3349	1126.5	1 16/16	3.56	3.28	0.92
6274-6275	R.CELAAAMK.R	1170.8	2	3.39	0.4283	2047.3	1 14/14	3.31	3.2	0.97
6289-6290	K.FESNFNTQATNR.N	1572.8	2	2.44	0.5102	291.7	1 20/22	4.81	0.53	0.11
6319-6320	R.NLNCNIPCSALLSSDITASVNCAK.K	2763.7	3	4.67	0.544	767.1	1 32/88	4.63	4.87	1.05
6347-6348	R.WWCNDGR.T	1126.6	2	2.05	0.1132	501.7	1 11/12	2.05	2.09	1.02
6424-6425	R.NLNCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.34	0.5672	1326.3	1 35/88	5.17	5.29	1.02
6452-6453	R.CELAAAMK.R	1170.8	2	3.40	0.4089	1960.7	1 14/14	3.37	3.13	0.93
6467-6468	K.GTDVQAWIR.G	1189.7	2	3.55	0.3292	1082.3	1 16/16	3.59	3.47	0.97
6537-6538	R.CELAAAMK.R	1170.8	2	3.51	0.4299	2060.8	1 14/14	3.47	3.14	0.90
6549-6550	K.GTDVQAWIR.G	1189.7	2	3.66	0.3382	1023.1	1 16/16	3.74	3.59	0.96
6552-6553	R.NTDGSTDYGILQINSR.W	1898.0	3	3.65	0.2466	1504.5	1 29/60	3.87	2.48	0.64
6562-6563	K.FESNFNTQATNR.N	1572.8	2	4.97	0.5086	1786	1 22/22	4.89	4.24	0.87
6587-6588	R.NLNCNIPCSALLSSDITASVNCAK.K	2763.7	3	5.22	0.5692	1625.2	1 35/88	5.03	4.96	0.97
6617-6618	R.WWCNDGR.T	1126.6	2	2.16	0.251	745.5	1 12/12	2.1	2.27	1.08
6619-6620	R.CELAAAMK.R	1170.8	2	3.32	0.4075	1876.3	1 14/14	3.47	3.14	0.90
6622-6623	K.GTDVQAWIR.G	1189.7	2	3.18	0.3994	1124.2	1 16/16	3.94	3.11	0.79
6637-6638	K.FESNFNTQATNR.N	1572.8	2	5.19	0.5252	2104.3	1 22/22	4.92	4.66	0.95
6702-6703	K.FESNFNTQATNR.N	1572.8	2	4.97	0.5189	2166.7	1 22/22	4.85	4.83	1.00
6769-6770	K.FESNFNTQATNR.N	1572.8	2	5.00	0.4988	2498.3	1 22/22	4.88	4.57	0.94
6774-6775	K.FESNFNTQATNR.N	1572.8	3	3.40	0.3554	746.5	1 22/44	3.13	3.33	1.06
6874-6875	K.GTDVQAWIR.G	1189.7	2	3.50	0.3535	1094.7	1 16/16	3.82	3.32	0.87
6887-6888	R.WWCNDGR.T	1126.6	2	2.55	0.2832	812.3	1 12/12	2.54	2.32	0.91