

Supplementary Table 6. Selection of reliable transitions for MRM analysis

- a) Uniprot human database (Uniprot Human.2013.12 fasta)
 b) Ion charge state and character
 c) Precursor ion m/z
 d) Product ion m/z
 e) declustering potential parameter value
 f) collision energy parameter value
 g) MASCOT search Identification from LC-MRM/MS (IDA mode)

N	Gene name	Accession ^{a)} Number	Peptide Sequence	Ion ^{b)}	Q1 ^{c)}	Q3 ^{d)}	DP ^{e)}
1	AZGP1	P25311	YSLTYIYTGLSK	+2y9	704.87	1045.56	82.5
2	AZGP1	P25311	YSLTYIYTGLSK	+2y8	704.87	944.51	82.5
3	AZGP1	P25311	YSLTYIYTGLSK	+2y7	704.87	781.45	82.5
4	AZGP1	P25311	YSLTYIYTGLSK	+2y6	704.87	668.36	82.5
5	AZGP1	P25311	YSLTYIYTGLSK	+2y5	704.87	505.30	82.5
6	AZGP1	P25311	DYIEFNK	+2y5	464.72	650.35	65
7	AZGP1	P25311	DYIEFNK	+2y4	464.72	537.27	65
8	AZGP1	P25311	DYIEFNK	+2y3	464.72	408.22	65
9	AZGP1	P25311	EIPAWVFPDPAQAQITK	+2y11	891.97	1186.65	96.1
10	AZGP1	P25311	EIPAWVFPDPAQAQITK	+2y10	891.97	1087.58	96.1
11	AZGP1	P25311	EIPAWVFPDPAQAQITK	+2y7	891.97	728.43	96.1
12	AZGP1	P25311	EIPAWVFPDPAQAQITK	+2y5	891.97	560.34	96.1
13	AZGP1	P25311	EIPAWVFPDPAQAQITK	+2y4	891.97	489.30	96.1
14	AZGP1	P25311	WEAEPVYVQR	+2y9	638.82	1090.55	77.7
15	AZGP1	P25311	WEAEPVYVQR	+2y8	638.82	961.51	77.7
16	AZGP1	P25311	WEAEPVYVQR	+2y7	638.82	890.47	77.7
17	AZGP1	P25311	WEAEPVYVQR	+2y6	638.82	761.43	77.7
18	AZGP1	P25311	WEAEPVYVQR	+2y4	638.82	565.31	77.7
19	AZGP1	P25311	AGEVQPELRL	+2y8	564.29	999.51	72.3
20	AZGP1	P25311	AGEVQPELRL	+2y7	564.29	870.47	72.3
21	AZGP1	P25311	AGEVQPELRL	+2y6	564.29	771.40	72.3
22	AZGP1	P25311	AGEVQPELRL	+2y5	564.29	643.34	72.3
23	AZGP1	P25311	AGEVQPELRL	+2y4	564.29	514.30	72.3
24	APOA1	P02647	LLDNWDSVTSTFSK	+2y10	806.90	1157.55	89.9
25	APOA1	P02647	LLDNWDSVTSTFSK	+2y9	806.90	971.47	89.9
26	APOA1	P02647	LLDNWDSVTSTFSK	+2y8	806.90	856.44	89.9
27	APOA1	P02647	LLDNWDSVTSTFSK	+2y6	806.90	670.34	89.9
28	APOA1	P02647	LLDNWDSVTSTFSK	+2y5	806.90	569.29	89.9
29	APOA1	P02647	EQLGPVTQEFWDNLEK	+2y10	966.97	1309.61	101.6
30	APOA1	P02647	EQLGPVTQEFWDNLEK	+2y7	966.97	951.46	101.6
31	APOA1	P02647	EQLGPVTQEFWDNLEK	+2y6	966.97	804.39	101.6
32	APOA1	P02647	EQLGPVTQEFWDNLEK	+2y5	966.97	618.31	101.6
33	APOA1	P02647	EQLGPVTQEFWDNLEK	+2y4	966.97	503.28	101.6
34	APOA1	P02647	VQPYLDDFQK	+2y8	626.81	1025.49	76.8
35	APOA1	P02647	VQPYLDDFQK	+2y7	626.81	928.44	76.8
36	APOA1	P02647	VQPYLDDFQK	+2y6	626.81	765.38	76.8
37	APOA1	P02647	VQPYLDDFQK	+2y5	626.81	652.29	76.8

38	APOA1	P02647	VQPYLDDFQK	+2y4	626.81	537.27	76.8
39	APOA1	P02647	AELQEGAR	+2y7	437.22	802.41	63
40	APOA1	P02647	AELQEGAR	+2y6	437.22	673.36	63
41	APOA1	P02647	AELQEGAR	+2y5	437.22	560.28	63
42	APOA1	P02647	AELQEGAR	+2y4	437.22	432.22	63
43	APOA1	P02647	AELQEGAR	+2y3	437.22	303.18	63
44	APOA1	P02647	VSFLSALEEYTK	+2y9	693.86	1053.55	81.7
45	APOA1	P02647	VSFLSALEEYTK	+2y8	693.86	940.46	81.7
46	APOA1	P02647	VSFLSALEEYTK	+2y7	693.86	853.43	81.7
47	APOA1	P02647	VSFLSALEEYTK	+2y6	693.86	782.39	81.7
48	APOA1	P02647	VSFLSALEEYTK	+2y4	693.86	540.27	81.7
49	CTSD	P07339	YSQAVPAVTEGPIPEVLK	+2y13	949.52	1349.77	100.3
50	CTSD	P07339	YSQAVPAVTEGPIPEVLK	+2y10	949.52	1082.61	100.3
51	CTSD	P07339	YSQAVPAVTEGPIPEVLK	+2y8	949.52	852.52	100.3
52	CTSD	P07339	YSQAVPAVTEGPIPEVLK	+2y7	949.52	795.50	100.3
53	CTSD	P07339	YSQAVPAVTEGPIPEVLK	+2y5	949.52	585.36	100.3
54	CTSD	P07339	QVFGAATK	+2y7	440.23	751.40	63.2
55	CTSD	P07339	QVFGAATK	+2y6	440.23	652.33	63.2
56	CTSD	P07339	QVFGAATK	+2y5	440.23	505.26	63.2
57	CTSD	P07339	QVFGAATK	+2y4	440.23	448.24	63.2
58	CTSD	P07339	QVFGAATK	+2y3	440.23	319.20	63.2
59	CTSD	P07339	QPGITFIAAK	+2y8	523.31	820.49	69.3
60	CTSD	P07339	QPGITFIAAK	+2y7	523.31	763.47	69.3
61	CTSD	P07339	QPGITFIAAK	+2y6	523.31	650.39	69.3
62	CTSD	P07339	QPGITFIAAK	+2y5	523.31	549.34	69.3
63	CTSD	P07339	QPGITFIAAK	+2y4	523.31	402.27	69.3
64	CTSD	P07339	GSLSYLVNTR	+2y7	555.30	852.46	71.6
65	CTSD	P07339	GSLSYLVNTR	+2y6	555.30	765.43	71.6
66	CTSD	P07339	GSLSYLVNTR	+2y5	555.30	602.36	71.6
67	CTSD	P07339	GSLSYLVNTR	+2y4	555.30	489.28	71.6
68	CTSD	P07339	GSLSYLVNTR	+2y3	555.30	375.24	71.6
69	CTSD	P07339	VGFAEAAR	+2y7	410.72	721.36	61.1
70	CTSD	P07339	VGFAEAAR	+2y6	410.72	664.34	61.1
71	CTSD	P07339	VGFAEAAR	+2y5	410.72	517.27	61.1
72	CTSD	P07339	VGFAEAAR	+2y4	410.72	446.24	61.1
73	CTSD	P07339	VGFAEAAR	+2y3	410.72	317.19	61.1
74	A1BG	P04217	SGLSTGWTQLSK	+2y9	632.83	1007.52	77.3
75	A1BG	P04217	SGLSTGWTQLSK	+2y8	632.83	920.48	77.3
76	A1BG	P04217	SGLSTGWTQLSK	+2y7	632.83	819.44	77.3
77	A1BG	P04217	SGLSTGWTQLSK	+2y6	632.83	762.41	77.3
78	A1BG	P04217	SGLSTGWTQLSK	+2y5	632.83	576.34	77.3
79	A1BG	P04217	LLELTGPK	+2y7	435.77	757.45	62.9
80	A1BG	P04217	LLELTGPK	+2y6	435.77	644.36	62.9
81	A1BG	P04217	LLELTGPK	+2y5	435.77	515.32	62.9
82	A1BG	P04217	LLELTGPK	+2y4	435.77	402.23	62.9
83	A1BG	P04217	LLELTGPK	+2y3	435.77	301.19	62.9
84	A1BG	P04217	GVTFLLR	+2y5	403.25	649.40	60.5
85	A1BG	P04217	GVTFLLR	+2y4	403.25	548.36	60.5
86	A1BG	P04217	GVTFLLR	+2y3	403.25	401.29	60.5
87	A1BG	P04217	ATWSGAVLAGR	+2y9	544.80	916.50	70.8

88	A1BG	P04217	ATWSGAVLAGR	+2y8	544.80	730.42	70.8
89	A1BG	P04217	ATWSGAVLAGR	+2y7	544.80	643.39	70.8
90	A1BG	P04217	ATWSGAVLAGR	+2y6	544.80	586.37	70.8
91	A1BG	P04217	ATWSGAVLAGR	+2y4	544.80	416.26	70.8
92	APOH	P02749	ATVVYQGER	+2y7	511.77	850.44	68.4
93	APOH	P02749	ATVVYQGER	+2y6	511.77	751.37	68.4
94	APOH	P02749	ATVVYQGER	+2y5	511.77	652.30	68.4
95	APOH	P02749	ATVVYQGER	+2y4	511.77	489.24	68.4
96	APOH	P02749	ATVVYQGER	+2y3	511.77	361.18	68.4
97	SERPINF1	P36955	LAAAVSNFGYDLYR	+2y10	780.40	1233.59	88
98	SERPINF1	P36955	LAAAVSNFGYDLYR	+2y9	780.40	1134.52	88
99	SERPINF1	P36955	LAAAVSNFGYDLYR	+2y8	780.40	1047.49	88
100	SERPINF1	P36955	LAAAVSNFGYDLYR	+2y6	780.40	786.38	88
101	SERPINF1	P36955	LAAAVSNFGYDLYR	+2y3	780.40	451.27	88
102	SERPINF1	P36955	ELLDTVTAPQK	+2y9	607.83	972.54	75.4
103	SERPINF1	P36955	ELLDTVTAPQK	+2y8	607.83	859.45	75.4
104	SERPINF1	P36955	ELLDTVTAPQK	+2y7	607.83	744.43	75.4
105	SERPINF1	P36955	ELLDTVTAPQK	+2y5	607.83	544.31	75.4
106	SERPINF1	P36955	ELLDTVTAPQK	+2y3	607.83	372.22	75.4
107	SERPINF1	P36955	SSFVAPLEK	+2y7	489.27	803.47	66.8
108	SERPINF1	P36955	SSFVAPLEK	+2y6	489.27	656.40	66.8
109	SERPINF1	P36955	SSFVAPLEK	+2y5	489.27	557.33	66.8
110	SERPINF1	P36955	SSFVAPLEK	+2y4	489.27	486.29	66.8
111	SERPINF1	P36955	SSFVAPLEK	+2y3	489.27	389.24	66.8
112	SERPINF1	P36955	LSYEGEVTK	+2y8	513.26	912.43	68.5
113	SERPINF1	P36955	LSYEGEVTK	+2y7	513.26	825.40	68.5
114	SERPINF1	P36955	LSYEGEVTK	+2y6	513.26	662.34	68.5
115	SERPINF1	P36955	LSYEGEVTK	+2y5	513.26	533.29	68.5
116	SERPINF1	P36955	LSYEGEVTK	+2y3	513.26	347.23	68.5
117	SERPINF1	P36955	DTDTGALLFIGK	+2y10	625.83	1034.59	76.7
118	SERPINF1	P36955	DTDTGALLFIGK	+2y8	625.83	818.51	76.7
119	SERPINF1	P36955	DTDTGALLFIGK	+2y6	625.83	690.45	76.7
120	SERPINF1	P36955	DTDTGALLFIGK	+2y4	625.83	464.29	76.7
121	SERPINF1	P36955	DTDTGALLFIGK	+2y3	625.83	317.22	76.7
122	A2M	P01023	NEDSLVVFQTDK	+2y7	697.84	836.45	82
123	A2M	P01023	NEDSLVVFQTDK	+2y6	697.84	737.38	82
124	A2M	P01023	NEDSLVVFQTDK	+2y5	697.84	590.31	82
125	A2M	P01023	NEDSLVVFQTDK	+2y4	697.84	491.25	82
126	A2M	P01023	NEDSLVVFQTDK	+2y3	697.84	363.19	82
127	A2M	P01023	IAQWQSFQLEGGK	+2y9	802.93	978.53	89.7
128	A2M	P01023	IAQWQSFQLEGGK	+2y7	802.93	744.43	89.7
129	A2M	P01023	IAQWQSFQLEGGK	+2y6	802.93	616.37	89.7
130	A2M	P01023	IAQWQSFQLEGGK	+2y5	802.93	503.28	89.7
131	A2M	P01023	IAQWQSFQLEGGK	+2y4	802.93	374.24	89.7
132	A2M	P01023	QFSFPLSSEPFQGSYK	+2y12	924.94	1339.65	98.5
133	A2M	P01023	QFSFPLSSEPFQGSYK	+2y10	924.94	1129.52	98.5
134	A2M	P01023	QFSFPLSSEPFQGSYK	+2y9	924.94	1042.48	98.5
135	A2M	P01023	QFSFPLSSEPFQGSYK	+2y7	924.94	826.41	98.5
136	A2M	P01023	QFSFPLSSEPFQGSYK	+2y4	924.94	454.23	98.5
137	A2M	P01023	ALLAYAFALAGNQDK	+2y10	783.42	1034.53	88.2

138	A2M	P01023	ALLAYAFALAGNQDK	+2y9	783.42	963.49	88.2
139	A2M	P01023	ALLAYAFALAGNQDK	+2y8	783.42	816.42	88.2
140	A2M	P01023	ALLAYAFALAGNQDK	+2y6	783.42	632.30	88.2
141	A2M	P01023	ALLAYAFALAGNQDK	+2y5	783.42	561.26	88.2
142	A2M	P01023	VSNQTLSLFFTVLQDVPVR	+2y11	1082.09	1320.73	110
143	A2M	P01023	VSNQTLSLFFTVLQDVPVR	+2y10	1082.09	1173.66	110
144	A2M	P01023	VSNQTLSLFFTVLQDVPVR	+2y7	1082.09	826.48	110
145	A2M	P01023	VSNQTLSLFFTVLQDVPVR	+2y6	1082.09	713.39	110
146	A2M	P01023	VSNQTLSLFFTVLQDVPVR	+2y3	1082.09	371.24	110
147	SERPINA3	P01011	EQLSLLDR	+2y6	487.27	716.43	66.6
148	SERPINA3	P01011	EQLSLLDR	+2y5	487.27	603.35	66.6
149	SERPINA3	P01011	EQLSLLDR	+2y4	487.27	516.31	66.6
150	SERPINA3	P01011	EQLSLLDR	+2y3	487.27	403.23	66.6
151	SERPINA3	P01011	EIGELYLPK	+2y7	531.30	819.46	69.8
152	SERPINA3	P01011	EIGELYLPK	+2y6	531.30	762.44	69.8
153	SERPINA3	P01011	EIGELYLPK	+2y5	531.30	633.40	69.8
154	SERPINA3	P01011	EIGELYLPK	+2y4	531.30	520.31	69.8
155	SERPINA3	P01011	EIGELYLPK	+2y3	531.30	357.25	69.8
156	SERPINA3	P01011	DYNLNDILLQLGIEEAFTSK	+2y10	1148.59	1094.57	114.8
157	SERPINA3	P01011	DYNLNDILLQLGIEEAFTSK	+2y9	1148.59	981.49	114.8
158	SERPINA3	P01011	DYNLNDILLQLGIEEAFTSK	+2y5	1148.59	553.30	114.8
159	SERPINA3	P01011	DYNLNDILLQLGIEEAFTSK	+2y4	1148.59	482.26	114.8
160	SERPINA3	P01011	DYNLNDILLQLGIEEAFTSK	+2y3	1148.59	335.19	114.8
161	SERPINA3	P01011	AVLDVFEEGTEASAATAVK	+2y12	954.48	1134.56	100.7
162	SERPINA3	P01011	AVLDVFEEGTEASAATAVK	+2y11	954.48	1005.52	100.7
163	SERPINA3	P01011	AVLDVFEEGTEASAATAVK	+2y6	954.48	560.34	100.7
164	SERPINA3	P01011	AVLDVFEEGTEASAATAVK	+2y5	954.48	489.30	100.7
165	SERPINA3	P01011	AVLDVFEEGTEASAATAVK	+2y4	954.48	418.27	100.7
166	SERPINA3	P01011	ITLLSALVETR	+2y8	608.37	888.51	75.5
167	SERPINA3	P01011	ITLLSALVETR	+2y7	608.37	775.43	75.5
168	SERPINA3	P01011	ITLLSALVETR	+2y6	608.37	688.40	75.5
169	SERPINA3	P01011	ITLLSALVETR	+2y5	608.37	617.36	75.5
170	SERPINA3	P01011	ITLLSALVETR	+2y4	608.37	504.28	75.5
171	APOA4	P06727	SELTQQLNALFQDK	+2y8	817.92	948.51	90.7
172	APOA4	P06727	SELTQQLNALFQDK	+2y7	817.92	835.43	90.7
173	APOA4	P06727	SELTQQLNALFQDK	+2y5	817.92	650.35	90.7
174	APOA4	P06727	SELTQQLNALFQDK	+2y4	817.92	537.27	90.7
175	APOA4	P06727	SELTQQLNALFQDK	+2y3	817.92	390.20	90.7
176	APOA4	P06727	LGEVNTYAGDLQK	+2y9	704.36	1009.49	82.5
177	APOA4	P06727	LGEVNTYAGDLQK	+2y8	704.36	895.45	82.5
178	APOA4	P06727	LGEVNTYAGDLQK	+2y7	704.36	794.40	82.5
179	APOA4	P06727	LGEVNTYAGDLQK	+2y6	704.36	631.34	82.5
180	APOA4	P06727	LGEVNTYAGDLQK	+2y5	704.36	560.30	82.5
181	APOA4	P06727	TQVNTQAEQLR	+2y9	644.34	1058.56	78.1
182	APOA4	P06727	TQVNTQAEQLR	+2y8	644.34	959.49	78.1
183	APOA4	P06727	TQVNTQAEQLR	+2y7	644.34	845.45	78.1
184	APOA4	P06727	TQVNTQAEQLR	+2y6	644.34	744.40	78.1
185	APOA4	P06727	TQVNTQAEQLR	+2y5	644.34	616.34	78.1
186	APOA4	P06727	IDQNVEELK	+2y8	544.29	974.48	70.8
187	APOA4	P06727	IDQNVEELK	+2y7	544.29	859.45	70.8

188	APOA4	P06727	IDQNVEELK	+2y6	544.29	731.39	70.8
189	APOA4	P06727	IDQNVEELK	+2y4	544.29	518.28	70.8
190	APOA4	P06727	IDQNVEELK	+2y3	544.29	389.24	70.8
191	APOA4	P06727	LAPLAEDVR	+2y7	492.28	799.43	67
192	APOA4	P06727	LAPLAEDVR	+2y6	492.28	702.38	67
193	APOA4	P06727	LAPLAEDVR	+2y5	492.28	589.29	67
194	APOA4	P06727	LAPLAEDVR	+2y4	492.28	518.26	67
195	APOA4	P06727	LAPLAEDVR	+2y3	492.28	389.21	67
196	C3	P01024	VVLVSLQSGYLFIQTDK	+2y10	955.54	1171.60	100.8
197	C3	P01024	VVLVSLQSGYLFIQTDK	+2y9	955.54	1084.57	100.8
198	C3	P01024	VVLVSLQSGYLFIQTDK	+2y7	955.54	864.48	100.8
199	C3	P01024	VVLVSLQSGYLFIQTDK	+2y6	955.54	751.40	100.8
200	C3	P01024	VVLVSLQSGYLFIQTDK	+2y5	955.54	604.33	100.8
201	C3	P01024	AYYENSPQQVFSTEFVVK	+2y8	1083.50	986.48	110.1
202	C3	P01024	AYYENSPQQVFSTEFVVK	+2y7	1083.50	839.41	110.1
203	C3	P01024	AYYENSPQQVFSTEFVVK	+2y6	1083.50	752.38	110.1
204	C3	P01024	AYYENSPQQVFSTEFVVK	+2y4	1083.50	522.29	110.1
205	C3	P01024	AYYENSPQQVFSTEFVVK	+2y3	1083.50	375.22	110.1
206	C3	P01024	TGLQEVEVK	+2y8	501.78	901.50	67.7
207	C3	P01024	TGLQEVEVK	+2y6	501.78	731.39	67.7
208	C3	P01024	TGLQEVEVK	+2y5	501.78	603.33	67.7
209	C3	P01024	TGLQEVEVK	+2y4	501.78	474.29	67.7
210	C3	P01024	TGLQEVEVK	+2y3	501.78	375.22	67.7
211	C3	P01024	APSTWLTAYVVK	+2y10	668.37	1167.64	79.8
212	C3	P01024	APSTWLTAYVVK	+2y9	668.37	1080.61	79.8
213	C3	P01024	APSTWLTAYVVK	+2y8	668.37	979.56	79.8
214	C3	P01024	APSTWLTAYVVK	+2y7	668.37	793.48	79.8
215	C3	P01024	APSTWLTAYVVK	+2y6	668.37	680.40	79.8
216	C3	P01024	QLYNVEATS YALLALLQLK	+2y12	1076.11	1333.81	109.6
217	C3	P01024	QLYNVEATS YALLALLQLK	+2y11	1076.11	1232.76	109.6
218	C3	P01024	QLYNVEATS YALLALLQLK	+2y10	1076.11	1145.73	109.6
219	C3	P01024	QLYNVEATS YALLALLQLK	+2y9	1076.11	982.67	109.6
220	C3	P01024	QLYNVEATS YALLALLQLK	+2y6	1076.11	685.46	109.6
221	FGG	P02679	YLQEIYNSNNQK	+2y9	757.37	1109.52	86.3
222	FGG	P02679	YLQEIYNSNNQK	+2y7	757.37	867.40	86.3
223	FGG	P02679	YLQEIYNSNNQK	+2y6	757.37	704.33	86.3
224	FGG	P02679	YLQEIYNSNNQK	+2y5	757.37	590.29	86.3
225	FGG	P02679	YLQEIYNSNNQK	+2y4	757.37	503.26	86.3
226	FGG	P02679	QSGLYFIKPLK	+2y7	647.38	908.56	78.3
227	FGG	P02679	QSGLYFIKPLK	+2y6	647.38	745.50	78.3
228	FGG	P02679	QSGLYFIKPLK	+2y5	647.38	598.43	78.3
229	FGG	P02679	QSGLYFIKPLK	+2y4	647.38	485.34	78.3
230	FGG	P02679	QSGLYFIKPLK	+2y3	647.38	357.25	78.3
231	FGG	P02679	LDGSVDFK	+2y7	440.72	767.36	63.2
232	FGG	P02679	LDGSVDFK	+2y6	440.72	652.33	63.2
233	FGG	P02679	LDGSVDFK	+2y5	440.72	595.31	63.2
234	FGG	P02679	LDGSVDFK	+2y4	440.72	508.28	63.2
235	FGG	P02679	LDGSVDFK	+2y3	440.72	409.21	63.2
236	FGG	P02679	VELEDWNGR	+2y7	559.27	889.42	71.9
237	FGG	P02679	VELEDWNGR	+2y6	559.27	776.33	71.9

238	FGG	P02679	VELEDWNGR	+2y5	559.27	647.29	71.9
239	FGG	P02679	VELEDWNGR	+2y4	559.27	532.26	71.9
240	FGG	P02679	VELEDWNGR	+2y3	559.27	346.18	71.9
241	FGG	P02679	ASTPNGYDNGIIWATWK	+2y6	947.46	804.44	100.2
242	FGG	P02679	ASTPNGYDNGIIWATWK	+2y5	947.46	691.36	100.2
243	FGG	P02679	ASTPNGYDNGIIWATWK	+2y4	947.46	505.28	100.2
244	FGG	P02679	ASTPNGYDNGIIWATWK	+2y3	947.46	434.24	100.2
245	FGG	P02679	ASTPNGYDNGIIWATWK	+2y2	947.46	333.19	100.2
246	HPX	P02790	NFPSPVDAEFR	+2y9	610.81	959.49	75.6
247	HPX	P02790	NFPSPVDAEFR	+2y8	610.81	862.44	75.6
248	HPX	P02790	NFPSPVDAEFR	+2y7	610.81	775.41	75.6
249	HPX	P02790	NFPSPVDAEFR	+2y5	610.81	579.29	75.6
250	HPX	P02790	NFPSPVDAEFR	+2y4	610.81	464.26	75.6
251	HPX	P02790	VWVYPPEK	+2y7	509.27	918.47	68.2
252	HPX	P02790	VWVYPPEK	+2y6	509.27	732.39	68.2
253	HPX	P02790	VWVYPPEK	+2y5	509.27	633.32	68.2
254	HPX	P02790	VWVYPPEK	+2y4	509.27	470.26	68.2
255	HPX	P02790	VWVYPPEK	+2y3	509.27	373.21	68.2
256	HPX	P02790	LYLVQGTQVYVFLTK	+2y12	886.50	1382.77	95.7
257	HPX	P02790	LYLVQGTQVYVFLTK	+2y11	886.50	1283.70	95.7
258	HPX	P02790	LYLVQGTQVYVFLTK	+2y10	886.50	1155.64	95.7
259	HPX	P02790	LYLVQGTQVYVFLTK	+2y6	886.50	770.44	95.7
260	HPX	P02790	LYLVQGTQVYVFLTK	+2y4	886.50	508.31	95.7
261	HPX	P02790	GGYTLVSGYPK	+2y8	571.30	864.48	72.8
262	HPX	P02790	GGYTLVSGYPK	+2y7	571.30	763.43	72.8
263	HPX	P02790	GGYTLVSGYPK	+2y6	571.30	650.35	72.8
264	HPX	P02790	GGYTLVSGYPK	+2y5	571.30	551.28	72.8
265	HPX	P02790	GGYTLVSGYPK	+2y4	571.30	464.25	72.8
266	HPX	P02790	LWWLDLK	+2y6	487.28	860.47	66.6
267	HPX	P02790	LWWLDLK	+2y5	487.28	674.39	66.6
268	HPX	P02790	LWWLDLK	+2y4	487.28	488.31	66.6
269	HPX	P02790	LWWLDLK	+2y3	487.28	375.22	66.6
270	F2	P00734	TATSEYQTFNPR	+2y8	781.37	1072.52	88.1
271	F2	P00734	TATSEYQTFNPR	+2y6	781.37	781.40	88.1
272	F2	P00734	TATSEYQTFNPR	+2y5	781.37	680.35	88.1
273	F2	P00734	TATSEYQTFNPR	+2y4	781.37	533.28	88.1
274	F2	P00734	TATSEYQTFNPR	+2y3	781.37	386.21	88.1
275	F2	P00734	ELLESYIDGR	+2y7	597.80	839.39	74.7
276	F2	P00734	ELLESYIDGR	+2y6	597.80	710.35	74.7
277	F2	P00734	ELLESYIDGR	+2y5	597.80	623.31	74.7
278	F2	P00734	ELLESYIDGR	+2y4	597.80	460.25	74.7
279	F2	P00734	ELLESYIDGR	+2y3	597.80	347.17	74.7
280	F2	P00734	ETAASLLQAGYK	+2y8	626.33	879.49	76.8
281	F2	P00734	ETAASLLQAGYK	+2y6	626.33	679.38	76.8
282	F2	P00734	ETAASLLQAGYK	+2y5	626.33	566.29	76.8
283	F2	P00734	ETAASLLQAGYK	+2y4	626.33	438.23	76.8
284	F2	P00734	ETAASLLQAGYK	+2y3	626.33	367.20	76.8
285	F2	P00734	VTGWGNLK	+2y7	437.74	775.41	63
286	F2	P00734	VTGWGNLK	+2y6	437.74	674.36	63
287	F2	P00734	VTGWGNLK	+2y5	437.74	617.34	63

288	F2	P00734	VTGWGNLK	+2y4	437.74	431.26	63
289	F2	P00734	ETWTANVGK	+2y7	503.25	775.41	67.8
290	F2	P00734	ETWTANVGK	+2y6	503.25	589.33	67.8
291	F2	P00734	ETWTANVGK	+2y5	503.25	488.28	67.8
292	F2	P00734	ETWTANVGK	+2y4	503.25	417.25	67.8
293	F2	P00734	ETWTANVGK	+2y3	503.25	303.20	67.8
294	RBP3	P10745	DVVVLTSSQTR	+2y9	602.83	990.56	75.1
295	RBP3	P10745	DVVVLTSSQTR	+2y7	602.83	792.42	75.1
296	RBP3	P10745	DVVVLTSSQTR	+2y6	602.83	679.34	75.1
297	RBP3	P10745	DVVVLTSSQTR	+2y5	602.83	578.29	75.1
298	RBP3	P10745	DVVVLTSSQTR	+2y4	602.83	491.26	75.1
299	RBP3	P10745	LNAGLQAASEDPR	+2y11	671.34	1114.55	80.1
300	RBP3	P10745	LNAGLQAASEDPR	+2y10	671.34	1043.51	80.1
301	RBP3	P10745	LNAGLQAASEDPR	+2y8	671.34	873.41	80.1
302	RBP3	P10745	LNAGLQAASEDPR	+2y7	671.34	745.35	80.1
303	RBP3	P10745	LNAGLQAASEDPR	+2y5	671.34	603.27	80.1
304	PTGDS	P41222	WFSAGLASNSSWLR	+2y12	791.39	1248.63	88.8
305	PTGDS	P41222	WFSAGLASNSSWLR	+2y10	791.39	1090.56	88.8
306	PTGDS	P41222	WFSAGLASNSSWLR	+2y8	791.39	920.46	88.8
307	PTGDS	P41222	WFSAGLASNSSWLR	+2y7	791.39	849.42	88.8
308	PTGDS	P41222	WFSAGLASNSSWLR	+2y6	791.39	762.39	88.8
309	PTGDS	P41222	SVVAPATDGGLNLTSTFLR	+2y12	960.02	1293.68	101.1
310	PTGDS	P41222	SVVAPATDGGLNLTSTFLR	+2y11	960.02	1178.65	101.1
311	PTGDS	P41222	SVVAPATDGGLNLTSTFLR	+2y7	960.02	837.48	101.1
312	PTGDS	P41222	SVVAPATDGGLNLTSTFLR	+2y6	960.02	724.40	101.1
313	PTGDS	P41222	SVVAPATDGGLNLTSTFLR	+2y5	960.02	623.35	101.1
314	PTGDS	P41222	GPGEDFR	+2y5	389.18	623.28	59.5
315	PTGDS	P41222	GPGEDFR	+2y4	389.18	566.26	59.5
316	PTGDS	P41222	GPGEDFR	+2y3	389.18	437.21	59.5
317	PTGDS	P41222	GPGEDFR	+2y2	389.18	322.19	59.5
318	PTGDS	P41222	AQGFTEDTIVFLPQTDK	+2y8	955.48	947.52	100.8
319	PTGDS	P41222	AQGFTEDTIVFLPQTDK	+2y7	955.48	848.45	100.8
320	PTGDS	P41222	AQGFTEDTIVFLPQTDK	+2y6	955.48	701.38	100.8
321	PTGDS	P41222	AQGFTEDTIVFLPQTDK	+2y5	955.48	588.30	100.8
322	GPX3	P22352	QEPGENSEILPTLK	+2y12	777.90	1297.70	87.8
323	GPX3	P22352	QEPGENSEILPTLK	+2y9	777.90	1014.58	87.8
324	GPX3	P22352	QEPGENSEILPTLK	+2y8	777.90	900.54	87.8
325	GPX3	P22352	QEPGENSEILPTLK	+2y5	777.90	571.38	87.8
326	GPX3	P22352	QEPGENSEILPTLK	+2y4	777.90	458.30	87.8
327	GPX3	P22352	YVRPGGGFVPNFQLFEK	+2y8	978.01	1022.53	102.4
328	GPX3	P22352	YVRPGGGFVPNFQLFEK	+2y7	978.01	925.48	102.4
329	GPX3	P22352	YVRPGGGFVPNFQLFEK	+2y6	978.01	811.43	102.4
330	GPX3	P22352	YVRPGGGFVPNFQLFEK	+2y4	978.01	536.31	102.4
331	GPX3	P22352	YVRPGGGFVPNFQLFEK	+2y3	978.01	423.22	102.4
332	ACTB	P60709	AVFPSIVGRPR	+2y8	599.86	881.53	74.8
333	ACTB	P60709	AVFPSIVGRPR	+2y7	599.86	784.48	74.8
334	ACTB	P60709	AVFPSIVGRPR	+2y6	599.86	697.45	74.8
335	ACTB	P60709	AVFPSIVGRPR	+2y5	599.86	584.36	74.8
336	ACTB	P60709	AVFPSIVGRPR	+2y4	599.86	485.29	74.8
337	ACTB	P60709	DSYVGDEAQS	+2y8	599.76	833.40	74.8

338	ACTB	P60709	DSYVGDEAQS	+2y7	599.76	734.33	74.8
339	ACTB	P60709	DSYVGDEAQS	+2y6	599.76	677.31	74.8
340	ACTB	P60709	DSYVGDEAQS	+2y5	599.76	562.28	74.8
341	ACTB	P60709	DSYVGDEAQS	+2y4	599.76	433.24	74.8
342	ACTB	P60709	GYSFTTTAER	+2y8	566.77	912.44	72.4
343	ACTB	P60709	GYSFTTTAER	+2y7	566.77	825.41	72.4
344	ACTB	P60709	GYSFTTTAER	+2y6	566.77	678.34	72.4
345	ACTB	P60709	GYSFTTTAER	+2y5	566.77	577.29	72.4
346	ACTB	P60709	GYSFTTTAER	+2y4	566.77	476.25	72.4
347	ACTB	P60709	SYELPDGQVITIGNER	+2y12	895.95	1298.67	96.4
348	ACTB	P60709	SYELPDGQVITIGNER	+2y10	895.95	1086.59	96.4
349	ACTB	P60709	SYELPDGQVITIGNER	+2y7	895.95	802.44	96.4
350	ACTB	P60709	SYELPDGQVITIGNER	+2y6	895.95	689.36	96.4
351	ACTB	P60709	SYELPDGQVITIGNER	+2y4	895.95	475.23	96.4
352	ACTB	P60709	IIAPPER	+2y6	398.24	682.39	60.1
353	ACTB	P60709	IIAPPER	+2y5	398.24	569.30	60.1
354	ACTB	P60709	IIAPPER	+2y4	398.24	498.27	60.1
355	ACTB	P60709	IIAPPER	+2y3	398.24	401.21	60.1
356	ACTB	P60709	IIAPPER	+2y2	398.24	304.16	60.1
357	AFM	P43652	SDVGFLPPFPTLDPEEK	+2y11	944.47	1269.64	100
358	AFM	P43652	SDVGFLPPFPTLDPEEK	+2y8	944.47	928.46	100
359	AFM	P43652	SDVGFLPPFPTLDPEEK	+2y6	944.47	730.36	100
360	AFM	P43652	SDVGFLPPFPTLDPEEK	+2y5	944.47	617.28	100
361	AFM	P43652	SDVGFLPPFPTLDPEEK	+2y4	944.47	502.25	100
362	AFM	P43652	DADPDFFAK	+2y8	563.76	940.44	72.2
363	AFM	P43652	DADPDFFAK	+2y7	563.76	825.41	72.2
364	AFM	P43652	DADPDFFAK	+2y6	563.76	728.36	72.2
365	AFM	P43652	DADPDFFAK	+2y5	563.76	613.33	72.2
366	AFM	P43652	DADPDFFAK	+2y3	563.76	365.22	72.2
367	AFM	P43652	FTFEYSR	+2y6	475.22	802.37	65.8
368	AFM	P43652	FTFEYSR	+2y5	475.22	701.33	65.8
369	AFM	P43652	FTFEYSR	+2y4	475.22	554.26	65.8
370	AFM	P43652	FTFEYSR	+2y3	475.22	425.21	65.8
371	AFM	P43652	IAPQLSTEELVSLGEK	+2y12	857.47	1304.69	93.6
372	AFM	P43652	IAPQLSTEELVSLGEK	+2y11	857.47	1191.61	93.6
373	AFM	P43652	IAPQLSTEELVSLGEK	+2y8	857.47	874.49	93.6
374	AFM	P43652	IAPQLSTEELVSLGEK	+2y5	857.47	533.29	93.6
375	AFM	P43652	IAPQLSTEELVSLGEK	+2y4	857.47	446.26	93.6
376	AFM	P43652	FLVNLVK	+2y6	416.77	685.46	61.5
377	AFM	P43652	FLVNLVK	+2y5	416.77	572.38	61.5
378	AFM	P43652	FLVNLVK	+2y4	416.77	473.31	61.5
379	AFM	P43652	FLVNLVK	+2y3	416.77	359.27	61.5
380	SERPINC1	P01008	ATEDEGSEQK	+2y8	547.24	921.38	71
381	SERPINC1	P01008	ATEDEGSEQK	+2y7	547.24	792.34	71
382	SERPINC1	P01008	ATEDEGSEQK	+2y6	547.24	677.31	71
383	SERPINC1	P01008	ATEDEGSEQK	+2y5	547.24	548.27	71
384	SERPINC1	P01008	ATEDEGSEQK	+2y4	547.24	491.25	71
385	SERPINC1	P01008	SLTFNETYQDISELVYGAK	+2y12	1089.53	1385.69	110.5
386	SERPINC1	P01008	SLTFNETYQDISELVYGAK	+2y11	1089.53	1222.63	110.5
387	SERPINC1	P01008	SLTFNETYQDISELVYGAK	+2y8	1089.53	866.46	110.5

388	SERPINC1	P01008	SLTFNETYQDISELVYGAK	+2y6	1089.53	650.39	110.5
389	SERPINC1	P01008	SLTFNETYQDISELVYGAK	+2y4	1089.53	438.23	110.5
390	SERPINC1	P01008	VAEGTQVLELPFK	+2y10	715.90	1131.64	83.3
391	SERPINC1	P01008	VAEGTQVLELPFK	+2y7	715.90	845.51	83.3
392	SERPINC1	P01008	VAEGTQVLELPFK	+2y6	715.90	746.44	83.3
393	SERPINC1	P01008	VAEGTQVLELPFK	+2y4	715.90	504.32	83.3
394	SERPINC1	P01008	VAEGTQVLELPFK	+2y3	715.90	391.23	83.3
395	SERPINC1	P01008	IEDGFSLK	+2y7	454.74	795.39	64.3
396	SERPINC1	P01008	IEDGFSLK	+2y6	454.74	666.35	64.3
397	SERPINC1	P01008	IEDGFSLK	+2y5	454.74	551.32	64.3
398	SERPINC1	P01008	IEDGFSLK	+2y4	454.74	494.30	64.3
399	SERPINC1	P01008	IEDGFSLK	+2y3	454.74	347.23	64.3
400	SERPINC1	P01008	LPGIVAEGR	+2y8	456.27	798.45	64.4
401	SERPINC1	P01008	LPGIVAEGR	+2y7	456.27	701.39	64.4
402	SERPINC1	P01008	LPGIVAEGR	+2y6	456.27	644.37	64.4
403	SERPINC1	P01008	LPGIVAEGR	+2y5	456.27	531.29	64.4
404	SERPINC1	P01008	LPGIVAEGR	+2y4	456.27	432.22	64.4
405	APOA2	P02652	SPELQAEAK	+2y7	486.75	788.41	66.6
406	APOA2	P02652	SPELQAEAK	+2y6	486.75	659.37	66.6
407	APOA2	P02652	SPELQAEAK	+2y5	486.75	546.29	66.6
408	APOA2	P02652	SPELQAEAK	+2y4	486.75	418.23	66.6
409	APOA2	P02652	SPELQAEAK	+2y3	486.75	347.19	66.6
410	APOA2	P02652	EQLTPLIK	+2y6	471.29	684.47	65.5
411	APOA2	P02652	EQLTPLIK	+2y5	471.29	571.38	65.5
412	APOA2	P02652	EQLTPLIK	+2y4	471.29	470.33	65.5
413	APOA2	P02652	EQLTPLIK	+2y3	471.29	373.28	65.5
414	APOB	P04114	LEVLNDFQANAQLSNPK	+2y12	1024.53	1332.65	105.8
415	APOB	P04114	LEVLNDFQANAQLSNPK	+2y11	1024.53	1217.63	105.8
416	APOB	P04114	LEVLNDFQANAQLSNPK	+2y10	1024.53	1070.56	105.8
417	APOB	P04114	LEVLNDFQANAQLSNPK	+2y9	1024.53	942.50	105.8
418	APOB	P04114	LEVLNDFQANAQLSNPK	+2y8	1024.53	871.46	105.8
419	APOB	P04114	NNALDFVTK	+2y7	511.27	793.45	68.4
420	APOB	P04114	NNALDFVTK	+2y6	511.27	722.41	68.4
421	APOB	P04114	NNALDFVTK	+2y5	511.27	609.32	68.4
422	APOB	P04114	NNALDFVTK	+2y4	511.27	494.30	68.4
423	APOB	P04114	NNALDFVTK	+2y3	511.27	347.23	68.4
424	APOB	P04114	SVSDGIAALDLNAVANK	+2y11	829.44	1099.61	91.6
425	APOB	P04114	SVSDGIAALDLNAVANK	+2y10	829.44	1028.57	91.6
426	APOB	P04114	SVSDGIAALDLNAVANK	+2y9	829.44	957.54	91.6
427	APOB	P04114	SVSDGIAALDLNAVANK	+2y8	829.44	844.45	91.6
428	APOB	P04114	SVSDGIAALDLNAVANK	+2y3	829.44	332.19	91.6
429	APOB	P04114	WNFYSPQSSPDK	+2y9	809.86	1008.46	90.2
430	APOB	P04114	WNFYSPQSSPDK	+2y8	809.86	845.40	90.2
431	APOB	P04114	WNFYSPQSSPDK	+2y7	809.86	758.37	90.2
432	APOB	P04114	WNFYSPQSSPDK	+2y5	809.86	533.26	90.2
433	APOB	P04114	WNFYSPQSSPDK	+2y3	809.86	359.19	90.2
434	APOB	P04114	NLQDLLQFIFQLIEDNIK	+2y11	1102.60	1379.76	111.5
435	APOB	P04114	NLQDLLQFIFQLIEDNIK	+2y10	1102.60	1232.69	111.5
436	APOB	P04114	NLQDLLQFIFQLIEDNIK	+2y9	1102.60	1119.60	111.5
437	APOB	P04114	NLQDLLQFIFQLIEDNIK	+2y8	1102.60	972.54	111.5

438	APOB	P04114	NLQDLLQFIFQLIEDNIK	+2y5	1102.60	618.31	111.5
439	APOD	P05090	IPTTFENGR	+2y8	517.77	921.44	68.9
440	APOD	P05090	IPTTFENGR	+2y7	517.77	824.39	68.9
441	APOD	P05090	IPTTFENGR	+2y6	517.77	723.34	68.9
442	APOD	P05090	IPTTFENGR	+2y5	517.77	622.29	68.9
443	APOD	P05090	IPTTFENGR	+2y4	517.77	475.23	68.9
444	APOD	P05090	VLNQELR	+2y6	436.25	772.43	62.9
445	APOD	P05090	VLNQELR	+2y5	436.25	659.35	62.9
446	APOD	P05090	VLNQELR	+2y4	436.25	545.30	62.9
447	APOD	P05090	VLNQELR	+2y3	436.25	417.25	62.9
448	APOD	P05090	NPNLPPETVDSLK	+2y10	712.38	1098.60	83
449	APOD	P05090	NPNLPPETVDSLK	+2y9	712.38	985.52	83
450	APOD	P05090	NPNLPPETVDSLK	+2y8	712.38	888.47	83
451	APOD	P05090	NPNLPPETVDSLK	+2y5	712.38	561.32	83
452	APOD	P05090	NILTSNNIDVK	+2y9	615.84	1003.54	76
453	APOD	P05090	NILTSNNIDVK	+2y8	615.84	890.46	76
454	APOD	P05090	NILTSNNIDVK	+2y7	615.84	789.41	76
455	APOD	P05090	NILTSNNIDVK	+2y6	615.84	702.38	76
456	APOD	P05090	NILTSNNIDVK	+2y3	615.84	361.21	76
457	C9	P02748	SIEVFGQFNGK	+2y9	613.31	1025.51	75.8
458	C9	P02748	SIEVFGQFNGK	+2y8	613.31	896.46	75.8
459	C9	P02748	SIEVFGQFNGK	+2y7	613.31	797.39	75.8
460	C9	P02748	SIEVFGQFNGK	+2y6	613.31	650.33	75.8
461	C9	P02748	SIEVFGQFNGK	+2y4	613.31	465.25	75.8
462	C9	P02748	RPWNVASLIYETK	+2y8	788.93	924.50	88.6
463	C9	P02748	RPWNVASLIYETK	+2y7	788.93	853.47	88.6
464	C9	P02748	RPWNVASLIYETK	+2y6	788.93	766.43	88.6
465	C9	P02748	RPWNVASLIYETK	+2y5	788.93	653.35	88.6
466	C9	P02748	RPWNVASLIYETK	+2y4	788.93	540.27	88.6
467	C9	P02748	TSNFNAAISLK	+2y9	583.31	977.54	73.6
468	C9	P02748	TSNFNAAISLK	+2y8	583.31	863.50	73.6
469	C9	P02748	TSNFNAAISLK	+2y7	583.31	716.43	73.6
470	C9	P02748	TSNFNAAISLK	+2y6	583.31	602.39	73.6
471	C9	P02748	TSNFNAAISLK	+2y3	583.31	347.23	73.6
472	C9	P02748	AVNITSENLIDDVVSLIR	+2y12	986.04	1385.76	103
473	C9	P02748	AVNITSENLIDDVVSLIR	+2y9	986.04	1029.59	103
474	C9	P02748	AVNITSENLIDDVVSLIR	+2y8	986.04	916.51	103
475	C9	P02748	AVNITSENLIDDVVSLIR	+2y5	986.04	587.39	103
476	C9	P02748	AVNITSENLIDDVVSLIR	+2y4	986.04	488.32	103
477	C9	P02748	AIEDYINEFSVR	+2y10	728.36	1271.59	84.2
478	C9	P02748	AIEDYINEFSVR	+2y9	728.36	1142.55	84.2
479	C9	P02748	AIEDYINEFSVR	+2y7	728.36	864.46	84.2
480	C9	P02748	AIEDYINEFSVR	+2y6	728.36	751.37	84.2
481	C9	P02748	AIEDYINEFSVR	+2y4	728.36	508.29	84.2
482	CFH	P08603	SPDVINGSPISQK	+2y9	671.35	943.52	80.1
483	CFH	P08603	SPDVINGSPISQK	+2y8	671.35	830.44	80.1
484	CFH	P08603	SPDVINGSPISQK	+2y7	671.35	716.39	80.1
485	CFH	P08603	SPDVINGSPISQK	+2y5	671.35	572.34	80.1
486	CFH	P08603	SPDVINGSPISQK	+2y3	671.35	362.20	80.1
487	CFH	P08603	RPYFPVAVGK	+2y6	567.33	570.36	72.5

488	CFH	P08603	RPYFPVAVGK	+2y3	567.33	303.20	72.5
489	CFH	P08603	SSIDIENGFISESQTYALK	+2y11	1133.05	1302.66	113.7
490	CFH	P08603	SSIDIENGFISESQTYALK	+2y10	1133.05	1189.57	113.7
491	CFH	P08603	SSIDIENGFISESQTYALK	+2y9	1133.05	1102.54	113.7
492	CFH	P08603	SSIDIENGFISESQTYALK	+2y8	1133.05	973.50	113.7
493	CFH	P08603	SSIDIENGFISESQTYALK	+2y6	1133.05	758.41	113.7
494	CFH	P08603	NDFTWFK	+2y6	479.23	843.40	66.1
495	CFH	P08603	NDFTWFK	+2y5	479.23	728.38	66.1
496	CFH	P08603	NDFTWFK	+2y4	479.23	581.31	66.1
497	CFH	P08603	NDFTWFK	+2y3	479.23	480.26	66.1
498	CFH	P08603	NGQWSEPPK	+2y7	521.75	871.43	69.2
499	CFH	P08603	NGQWSEPPK	+2y6	521.75	743.37	69.2
500	CFH	P08603	NGQWSEPPK	+2y5	521.75	557.29	69.2
501	CFH	P08603	NGQWSEPPK	+2y4	521.75	470.26	69.2
502	CFH	P08603	NGQWSEPPK	+2y3	521.75	341.22	69.2
503	FGA	P02671	GLIDEVNQDFTNR	+2y10	760.87	1237.54	86.6
504	FGA	P02671	GLIDEVNQDFTNR	+2y8	760.87	993.47	86.6
505	FGA	P02671	GLIDEVNQDFTNR	+2y7	760.87	894.41	86.6
506	FGA	P02671	GLIDEVNQDFTNR	+2y5	760.87	652.30	86.6
507	FGA	P02671	GLIDEVNQDFTNR	+2y4	760.87	537.28	86.6
508	FGA	P02671	NSLFEYQK	+2y6	514.76	827.43	68.6
509	FGA	P02671	NSLFEYQK	+2y5	514.76	714.35	68.6
510	FGA	P02671	NSLFEYQK	+2y4	514.76	567.28	68.6
511	FGA	P02671	NSLFEYQK	+2y3	514.76	438.23	68.6
512	FGA	P02671	GGSTSYGTGSETESPR	+2y11	786.84	1183.52	88.5
513	FGA	P02671	GGSTSYGTGSETESPR	+2y10	786.84	1020.46	88.5
514	FGA	P02671	GGSTSYGTGSETESPR	+2y8	786.84	862.39	88.5
515	FGA	P02671	GGSTSYGTGSETESPR	+2y5	786.84	589.29	88.5
516	FGA	P02671	GGSTSYGTGSETESPR	+2y3	786.84	359.20	88.5
517	FGA	P02671	QFTSSTSYNR	+2y8	595.78	915.42	74.5
518	FGA	P02671	QFTSSTSYNR	+2y7	595.78	814.37	74.5
519	FGA	P02671	QFTSSTSYNR	+2y6	595.78	727.34	74.5
520	FGA	P02671	QFTSSTSYNR	+2y5	595.78	640.30	74.5
521	FGA	P02671	QFTSSTSYNR	+2y4	595.78	539.26	74.5
522	FGA	P02671	NNSPYEIEINGVVVVSFR	+2y10	1005.49	1192.61	104.4
523	FGA	P02671	NNSPYEIEINGVVVVSFR	+2y6	1005.49	793.44	104.4
524	FGA	P02671	NNSPYEIEINGVVVVSFR	+2y5	1005.49	694.37	104.4
525	FGA	P02671	NNSPYEIEINGVVVVSFR	+2y4	1005.49	508.29	104.4
526	FGA	P02671	NNSPYEIEINGVVVVSFR	+2y3	1005.49	409.22	104.4
527	GSN	P06396	EVQGFESATFLGYFK	+2y12	861.92	1366.67	94
528	GSN	P06396	EVQGFESATFLGYFK	+2y10	861.92	1162.58	94
529	GSN	P06396	EVQGFESATFLGYFK	+2y9	861.92	1033.54	94
530	GSN	P06396	EVQGFESATFLGYFK	+2y7	861.92	875.47	94
531	GSN	P06396	EVQGFESATFLGYFK	+2y4	861.92	514.27	94
532	GSN	P06396	GGVASGFK	+2y6	361.70	608.34	57.5
533	GSN	P06396	GGVASGFK	+2y5	361.70	509.27	57.5
534	GSN	P06396	GGVASGFK	+2y4	361.70	438.23	57.5
535	GSN	P06396	GGVASGFK	+2y3	361.70	351.20	57.5
536	GSN	P06396	AGALNSNDAFVLK	+2y9	660.35	1007.52	79.3
537	GSN	P06396	AGALNSNDAFVLK	+2y8	660.35	893.47	79.3

538	GSN	P06396	AGALNSNDAFVLK	+2y7	660.35	806.44	79.3
539	GSN	P06396	AGALNSNDAFVLK	+2y5	660.35	577.37	79.3
540	GSN	P06396	AGALNSNDAFVLK	+2y3	660.35	359.27	79.3
541	GSN	P06396	TPSAAYLWVGTGASEAEK	+2y11	919.45	1134.54	98.1
542	GSN	P06396	TPSAAYLWVGTGASEAEK	+2y10	919.45	948.46	98.1
543	GSN	P06396	TPSAAYLWVGTGASEAEK	+2y9	919.45	849.39	98.1
544	GSN	P06396	TPSAAYLWVGTGASEAEK	+2y7	919.45	691.33	98.1
545	GSN	P06396	TPSAAYLWVGTGASEAEK	+2y5	919.45	563.27	98.1
546	GSN	P06396	TPITVVK	+2y6	379.24	656.43	58.8
547	GSN	P06396	TPITVVK	+2y5	379.24	559.38	58.8
548	GSN	P06396	TPITVVK	+2y4	379.24	446.30	58.8
549	GSN	P06396	TPITVVK	+2y3	379.24	345.25	58.8
550	CFB	P00751	STGSWSTLK	+2y7	483.75	778.41	66.4
551	CFB	P00751	STGSWSTLK	+2y6	483.75	721.39	66.4
552	CFB	P00751	STGSWSTLK	+2y5	483.75	634.36	66.4
553	CFB	P00751	STGSWSTLK	+2y4	483.75	448.28	66.4
554	CFB	P00751	STGSWSTLK	+2y3	483.75	361.24	66.4
555	CFB	P00751	YGLVTYATYPK	+2y8	638.33	942.49	77.7
556	CFB	P00751	YGLVTYATYPK	+2y7	638.33	843.42	77.7
557	CFB	P00751	YGLVTYATYPK	+2y6	638.33	742.38	77.7
558	CFB	P00751	YGLVTYATYPK	+2y5	638.33	579.31	77.7
559	CFB	P00751	YGLVTYATYPK	+2y3	638.33	407.23	77.7
560	CFB	P00751	VSEADSSNADWVTK	+2y10	754.85	1122.51	86.1
561	CFB	P00751	VSEADSSNADWVTK	+2y9	754.85	1007.48	86.1
562	CFB	P00751	VSEADSSNADWVTK	+2y8	754.85	920.45	86.1
563	CFB	P00751	VSEADSSNADWVTK	+2y7	754.85	833.42	86.1
564	CFB	P00751	VSEADSSNADWVTK	+2y4	754.85	533.31	86.1
565	CFB	P00751	ISVIRPSK	+2y7	450.29	786.48	63.9
566	CFB	P00751	ISVIRPSK	+2y6	450.29	699.45	63.9
567	CFB	P00751	ISVIRPSK	+2y5	450.29	600.38	63.9
568	CFB	P00751	ISVIRPSK	+2y4	450.29	487.30	63.9
569	CFB	P00751	ISVIRPSK	+2y3	450.29	331.20	63.9
570	CFB	P00751	DAQYAPGYDK	+2y7	564.25	813.38	72.3
571	CFB	P00751	DAQYAPGYDK	+2y6	564.25	650.31	72.3
572	CFB	P00751	DAQYAPGYDK	+2y5	564.25	579.28	72.3
573	CFB	P00751	DAQYAPGYDK	+2y4	564.25	482.22	72.3
574	CFB	P00751	DAQYAPGYDK	+2y3	564.25	425.20	72.3
575	AHSG	P02765	FSVVYAK	+2y6	407.23	666.38	60.8
576	AHSG	P02765	FSVVYAK	+2y5	407.23	579.35	60.8
577	AHSG	P02765	FSVVYAK	+2y4	407.23	480.28	60.8
578	AHSG	P02765	FSVVYAK	+2y3	407.23	381.21	60.8
579	GC	D6RF35	EDFTSLSLVLYSR	+2y7	765.40	837.48	86.9
580	GC	D6RF35	EDFTSLSLVLYSR	+2y6	765.40	750.45	86.9
581	GC	D6RF35	EDFTSLSLVLYSR	+2y5	765.40	637.37	86.9
582	GC	D6RF35	EDFTSLSLVLYSR	+2y4	765.40	538.30	86.9
583	GC	D6RF35	EDFTSLSLVLYSR	+2y3	765.40	425.21	86.9
584	GC	D6RF35	FPSGTFEQVSQLVK	+2y9	783.91	1077.59	88.3
585	GC	D6RF35	FPSGTFEQVSQLVK	+2y8	783.91	930.53	88.3
586	GC	D6RF35	FPSGTFEQVSQLVK	+2y7	783.91	801.48	88.3
587	GC	D6RF35	FPSGTFEQVSQLVK	+2y6	783.91	673.42	88.3

588	GC	D6RF35	FPSGTFEQVSQLVK	+2y5	783.91	574.36	88.3
589	GC	D6RF35	VLEPTLK	+2y6	400.25	700.42	60.3
590	GC	D6RF35	VLEPTLK	+2y5	400.25	587.34	60.3
591	GC	D6RF35	VLEPTLK	+2y4	400.25	458.30	60.3
592	GC	D6RF35	VLEPTLK	+2y3	400.25	361.24	60.3
593	GC	D6RF35	ELSSFIDK	+2y6	469.75	696.36	65.4
594	GC	D6RF35	ELSSFIDK	+2y5	469.75	609.32	65.4
595	GC	D6RF35	ELSSFIDK	+2y4	469.75	522.29	65.4
596	GC	D6RF35	ELSSFIDK	+2y3	469.75	375.22	65.4
597	GC	D6RF35	LPDATPTELAK	+2y10	578.32	1042.54	73.3
598	GC	D6RF35	LPDATPTELAK	+2y9	578.32	945.49	73.3
599	GC	D6RF35	LPDATPTELAK	+2y8	578.32	830.46	73.3
600	GC	D6RF35	LPDATPTELAK	+2y7	578.32	759.42	73.3
601	GC	D6RF35	LPDATPTELAK	+2y6	578.32	658.38	73.3
602	ITIH2	P19823	VQSTITSR	+2y7	446.25	792.42	63.6
603	ITIH2	P19823	VQSTITSR	+2y6	446.25	664.36	63.6
604	ITIH2	P19823	VQSTITSR	+2y5	446.25	577.33	63.6
605	ITIH2	P19823	VQSTITSR	+2y4	446.25	476.28	63.6
606	ITIH2	P19823	VQSTITSR	+2y3	446.25	363.20	63.6
607	ITIH2	P19823	ETAVDGELVVLYDVK	+2y11	825.44	1249.67	91.3
608	ITIH2	P19823	ETAVDGELVVLYDVK	+2y7	825.44	835.49	91.3
609	ITIH2	P19823	ETAVDGELVVLYDVK	+2y6	825.44	736.42	91.3
610	ITIH2	P19823	ETAVDGELVVLYDVK	+2y5	825.44	637.36	91.3
611	ITIH2	P19823	ETAVDGELVVLYDVK	+2y4	825.44	524.27	91.3
612	ITIH2	P19823	IQPSGGTNINEALLR	+2y13	791.93	1341.71	88.8
613	ITIH2	P19823	IQPSGGTNINEALLR	+2y11	791.93	1157.63	88.8
614	ITIH2	P19823	IQPSGGTNINEALLR	+2y8	791.93	942.54	88.8
615	ITIH2	P19823	IQPSGGTNINEALLR	+2y6	791.93	715.41	88.8
616	ITIH2	P19823	IQPSGGTNINEALLR	+2y4	791.93	472.32	88.8
617	ITIH2	P19823	IYGNQDTSSQLK	+2y10	677.34	1077.52	80.5
618	ITIH2	P19823	IYGNQDTSSQLK	+2y8	677.34	906.45	80.5
619	ITIH2	P19823	IYGNQDTSSQLK	+2y7	677.34	778.39	80.5
620	ITIH2	P19823	IYGNQDTSSQLK	+2y6	677.34	663.37	80.5
621	ITIH2	P19823	IYGNQDTSSQLK	+2y5	677.34	562.32	80.5
622	ITIH2	P19823	LWAYLTINQLLAER	+2y9	852.48	1057.60	93.3
623	ITIH2	P19823	LWAYLTINQLLAER	+2y8	852.48	956.55	93.3
624	ITIH2	P19823	LWAYLTINQLLAER	+2y7	852.48	843.47	93.3
625	ITIH2	P19823	LWAYLTINQLLAER	+2y5	852.48	601.37	93.3
626	ITIH2	P19823	LWAYLTINQLLAER	+2y3	852.48	375.20	93.3
627	ITIH1	P19827	QAVDTAVDGVFIR	+2y10	695.87	1092.57	81.8
628	ITIH1	P19827	QAVDTAVDGVFIR	+2y8	695.87	876.49	81.8
629	ITIH1	P19827	QAVDTAVDGVFIR	+2y7	695.87	805.46	81.8
630	ITIH1	P19827	QAVDTAVDGVFIR	+2y6	695.87	706.39	81.8
631	ITIH1	P19827	QAVDTAVDGVFIR	+2y5	695.87	591.36	81.8
632	ITIH1	P19827	LDAQASFLPK	+2y9	545.30	976.51	70.9
633	ITIH1	P19827	LDAQASFLPK	+2y8	545.30	861.48	70.9
634	ITIH1	P19827	LDAQASFLPK	+2y7	545.30	790.45	70.9
635	ITIH1	P19827	LDAQASFLPK	+2y6	545.30	662.39	70.9
636	ITIH1	P19827	LDAQASFLPK	+2y5	545.30	591.35	70.9
637	ITIH1	P19827	GSLVQASEANLQAAQDFVR	+2y10	1002.51	1161.60	104.2

638	ITIH1	P19827	GSLVQASEANLQAAQDFVR	+2y8	1002.51	934.47	104.2
639	ITIH1	P19827	GSLVQASEANLQAAQDFVR	+2y7	1002.51	806.42	104.2
640	ITIH1	P19827	GSLVQASEANLQAAQDFVR	+2y6	1002.51	735.38	104.2
641	ITIH1	P19827	GSLVQASEANLQAAQDFVR	+2y3	1002.51	421.26	104.2
642	ITIH1	P19827	QYYEGSEIVVAGR	+2y10	735.86	1016.54	84.8
643	ITIH1	P19827	QYYEGSEIVVAGR	+2y9	735.86	887.49	84.8
644	ITIH1	P19827	QYYEGSEIVVAGR	+2y5	735.86	501.31	84.8
645	ITIH1	P19827	QYYEGSEIVVAGR	+2y4	735.86	402.25	84.8
646	ITIH1	P19827	QYYEGSEIVVAGR	+2y3	735.86	303.18	84.8
647	ITIH1	P19827	LWAYLTIQELLAK	+2y11	781.45	1262.74	88.1
648	ITIH1	P19827	LWAYLTIQELLAK	+2y9	781.45	1028.64	88.1
649	ITIH1	P19827	LWAYLTIQELLAK	+2y8	781.45	915.55	88.1
650	ITIH1	P19827	LWAYLTIQELLAK	+2y7	781.45	814.50	88.1
651	ITIH1	P19827	LWAYLTIQELLAK	+2y3	781.45	331.23	88.1
652	PLG	P00747	DVVLFEK	+2y5	425.24	635.38	62.1
653	PLG	P00747	DVVLFEK	+2y4	425.24	536.31	62.1
654	PLG	P00747	DVVLFEK	+2y3	425.24	423.22	62.1
655	PLG	P00747	LFLEPTR	+2y6	438.25	762.41	63.1
656	PLG	P00747	LFLEPTR	+2y5	438.25	615.35	63.1
657	PLG	P00747	LFLEPTR	+2y4	438.25	502.26	63.1
658	PLG	P00747	LFLEPTR	+2y3	438.25	373.22	63.1
659	PLG	P00747	LSSPAVITDK	+2y9	515.79	917.49	68.7
660	PLG	P00747	LSSPAVITDK	+2y8	515.79	830.46	68.7
661	PLG	P00747	LSSPAVITDK	+2y7	515.79	743.43	68.7
662	PLG	P00747	LSSPAVITDK	+2y5	515.79	575.34	68.7
663	PLG	P00747	LSSPAVITDK	+2y4	515.79	476.27	68.7
664	PLG	P00747	EAQLPVIENK	+2y7	570.82	812.49	72.7
665	PLG	P00747	EAQLPVIENK	+2y6	570.82	699.40	72.7
666	PLG	P00747	EAQLPVIENK	+2y5	570.82	602.35	72.7
667	PLG	P00747	EAQLPVIENK	+2y4	570.82	503.28	72.7
668	PLG	P00747	EAQLPVIENK	+2y3	570.82	390.20	72.7
669	PLG	P00747	YEFLNGR	+2y6	449.72	735.38	63.9
670	PLG	P00747	YEFLNGR	+2y5	449.72	606.34	63.9
671	PLG	P00747	YEFLNGR	+2y4	449.72	459.27	63.9
672	PLG	P00747	YEFLNGR	+2y3	449.72	346.18	63.9
673	RBP4	Q5VY30	YWGVASFQK	+2y8	599.82	849.48	74.8
674	RBP4	Q5VY30	YWGVASFQK	+2y7	599.82	792.46	74.8
675	RBP4	Q5VY30	YWGVASFQK	+2y6	599.82	693.39	74.8
676	RBP4	Q5VY30	YWGVASFQK	+2y5	599.82	622.36	74.8
677	RBP4	Q5VY30	YWGVASFQK	+2y3	599.82	388.26	74.8
678	RBP4	Q5VY30	DPNGLPPEAQK	+2y9	583.30	953.51	73.6
679	RBP4	Q5VY30	DPNGLPPEAQK	+2y8	583.30	839.46	73.6
680	RBP4	Q5VY30	DPNGLPPEAQK	+2y7	583.30	782.44	73.6
681	RBP4	Q5VY30	DPNGLPPEAQK	+2y6	583.30	669.36	73.6
682	RBP4	Q5VY30	DPNGLPPEAQK	+2y5	583.30	572.30	73.6
683	KNG1	P01042	YNSQSQSNNQFVLYR	+2y7	937.94	939.50	99.5
684	KNG1	P01042	YNSQSQSNNQFVLYR	+2y5	937.94	697.40	99.5
685	KNG1	P01042	YNSQSQSNNQFVLYR	+2y4	937.94	550.33	99.5
686	KNG1	P01042	YNSQSQSNNQFVLYR	+2y3	937.94	451.27	99.5
687	KNG1	P01042	YNSQSQSNNQFVLYR	+2y2	937.94	338.18	99.5

688	KNG1	P01042	QVVAGLNFR	+2y7	502.29	776.44	67.7
689	KNG1	P01042	QVVAGLNFR	+2y6	502.29	677.37	67.7
690	KNG1	P01042	QVVAGLNFR	+2y5	502.29	606.34	67.7
691	KNG1	P01042	QVVAGLNFR	+2y4	502.29	549.31	67.7
692	KNG1	P01042	QVVAGLNFR	+2y3	502.29	436.23	67.7
693	KNG1	P01042	DFVQPPTK	+2y6	466.25	669.39	65.1
694	KNG1	P01042	DFVQPPTK	+2y5	466.25	570.32	65.1
695	KNG1	P01042	DFVQPPTK	+2y4	466.25	442.27	65.1
696	KNG1	P01042	DFVQPPTK	+2y3	466.25	345.21	65.1
697	KNG1	P01042	RPPGFSPFR	+2y8	530.79	904.47	69.8
698	KNG1	P01042	RPPGFSPFR	+2y7	530.79	807.41	69.8
699	KNG1	P01042	RPPGFSPFR	+2y6	530.79	710.36	69.8
700	KNG1	P01042	RPPGFSPFR	+2y5	530.79	653.34	69.8
701	KNG1	P01042	RPPGFSPFR	+2y3	530.79	419.24	69.8
702	KNG1	P01042	ESYFDLTDGLS	+2y9	705.31	1030.47	82.5
703	KNG1	P01042	ESYFDLTDGLS	+2y8	705.31	867.41	82.5
704	KNG1	P01042	ESYFDLTDGLS	+2y7	705.31	720.34	82.5
705	KNG1	P01042	ESYFDLTDGLS	+2y6	705.31	605.31	82.5
706	KNG1	P01042	ESYFDLTDGLS	+2y5	705.31	492.23	82.5
707	APP	E9PG40	TTSIATTTTTTESVEEVVR	+2y11	1064.04	1249.63	108.7
708	APP	E9PG40	TTSIATTTTTTESVEEVVR	+2y9	1064.04	1047.53	108.7
709	APP	E9PG40	TTSIATTTTTTESVEEVVR	+2y8	1064.04	946.48	108.7
710	APP	E9PG40	TTSIATTTTTTESVEEVVR	+2y7	1064.04	817.44	108.7
711	APP	E9PG40	TTSIATTTTTTESVEEVVR	+2y5	1064.04	631.34	108.7
712	APP	E9PG40	WYFDVTEGK	+2y7	572.77	795.39	72.9
713	APP	E9PG40	WYFDVTEGK	+2y6	572.77	648.32	72.9
714	APP	E9PG40	WYFDVTEGK	+2y5	572.77	533.29	72.9
715	APP	E9PG40	WYFDVTEGK	+2y4	572.77	434.22	72.9
716	APP	E9PG40	WYFDVTEGK	+2y3	572.77	333.18	72.9
717	APP	E9PG40	LPTTAASTPDAVDK	+2y12	693.86	1176.57	81.7
718	APP	E9PG40	LPTTAASTPDAVDK	+2y10	693.86	974.48	81.7
719	APP	E9PG40	LPTTAASTPDAVDK	+2y8	693.86	832.40	81.7
720	APP	E9PG40	LPTTAASTPDAVDK	+2y7	693.86	745.37	81.7
721	APP	E9PG40	LPTTAASTPDAVDK	+2y6	693.86	644.32	81.7
722	APP	E9PG40	VESLEQEAANER	+2y8	687.83	946.42	81.3
723	APP	E9PG40	VESLEQEAANER	+2y7	687.83	817.38	81.3
724	APP	E9PG40	VESLEQEAANER	+2y5	687.83	560.28	81.3
725	APP	E9PG40	VESLEQEAANER	+2y4	687.83	489.24	81.3
726	APP	E9PG40	VESLEQEAANER	+2y3	687.83	418.20	81.3
727	APP	E9PG40	LVFFAEDVGSNK	+2y10	663.34	1113.52	79.5
728	APP	E9PG40	LVFFAEDVGSNK	+2y9	663.34	966.45	79.5
729	APP	E9PG40	LVFFAEDVGSNK	+2y8	663.34	819.38	79.5
730	APP	E9PG40	LVFFAEDVGSNK	+2y7	663.34	748.35	79.5
731	APP	E9PG40	LVFFAEDVGSNK	+2y4	663.34	405.21	79.5
732	APLP2	Q06481	WEPDPTGTK	+2y8	515.75	844.40	68.7
733	APLP2	Q06481	WEPDPTGTK	+2y7	515.75	715.36	68.7
734	APLP2	Q06481	WEPDPTGTK	+2y6	515.75	618.31	68.7
735	APLP2	Q06481	WEPDPTGTK	+2y5	515.75	503.28	68.7
736	APLP2	Q06481	WEPDPTGTK	+2y4	515.75	406.23	68.7
737	APLP2	Q06481	EWEEAELQAK	+2y7	616.79	788.41	76.1

738	APLP2	Q06481	EWEEAELQAK	+2y6	616.79	659.37	76.1
739	APLP2	Q06481	EWEEAELQAK	+2y5	616.79	588.34	76.1
740	APLP2	Q06481	EWEEAELQAK	+2y4	616.79	459.29	76.1
741	APLP2	Q06481	EWEEAELQAK	+2y3	616.79	346.21	76.1
742	APLP2	Q06481	VPYVAQEIQEEIDELLQEQR	+2y10	1215.11	1272.64	119.7
743	APLP2	Q06481	VPYVAQEIQEEIDELLQEQR	+2y8	1215.11	1030.52	119.7
744	APLP2	Q06481	VPYVAQEIQEEIDELLQEQR	+2y7	1215.11	915.49	119.7
745	APLP2	Q06481	VPYVAQEIQEEIDELLQEQR	+2y6	1215.11	786.45	119.7
746	APLP2	Q06481	VPYVAQEIQEEIDELLQEQR	+2y5	1215.11	673.36	119.7
747	APLP2	Q06481	GSGVGEGDQDGLIGAEK	+2y13	801.88	1302.62	89.6
748	APLP2	Q06481	GSGVGEGDQDGLIGAEK	+2y10	801.88	988.49	89.6
749	APLP2	Q06481	GSGVGEGDQDGLIGAEK	+2y9	801.88	873.47	89.6
750	APLP2	Q06481	GSGVGEGDQDGLIGAEK	+2y6	801.88	646.34	89.6
751	APLP2	Q06481	GSGVGEGDQDGLIGAEK	+2y5	801.88	533.26	89.6
752	APLP2	Q06481	VGGLEEEER	+2y7	444.72	789.37	63.5
753	APLP2	Q06481	VGGLEEEER	+2y6	444.72	732.35	63.5
754	APLP2	Q06481	VGGLEEEER	+2y4	444.72	562.25	63.5
755	APLP2	Q06481	VGGLEEEER	+2y3	444.72	433.20	63.5
756	APLP2	Q06481	VGGLEEEER	+2y2	444.72	304.16	63.5
757	CDH2	P19022	VQYSESSEPADFK	+2y10	700.32	1172.51	82.2
758	CDH2	P19022	VQYSESSEPADFK	+2y9	700.32	1009.45	82.2
759	CDH2	P19022	VQYSESSEPADFK	+2y8	700.32	880.40	82.2
760	CDH2	P19022	VQYSESSEPADFK	+2y7	700.32	793.37	82.2
761	CDH2	P19022	VQYSESSEPADFK	+2y5	700.32	577.30	82.2
762	CDH2	P19022	ESAEVEEIVFPR	+2y8	702.85	988.55	82.4
763	CDH2	P19022	ESAEVEEIVFPR	+2y7	702.85	889.48	82.4
764	CDH2	P19022	ESAEVEEIVFPR	+2y5	702.85	631.39	82.4
765	CDH2	P19022	ESAEVEEIVFPR	+2y4	702.85	518.31	82.4
766	CDH2	P19022	ESAEVEEIVFPR	+2y3	702.85	419.24	82.4
767	CDH2	P19022	LSDPANWLK	+2y8	522.28	930.47	69.2
768	CDH2	P19022	LSDPANWLK	+2y7	522.28	843.44	69.2
769	CDH2	P19022	LSDPANWLK	+2y6	522.28	728.41	69.2
770	CDH2	P19022	LSDPANWLK	+2y5	522.28	631.36	69.2
771	CDH2	P19022	LSDPANWLK	+2y3	522.28	446.28	69.2
772	CDH2	P19022	LNGDFAQLNLK	+2y9	616.84	1005.54	76.1
773	CDH2	P19022	LNGDFAQLNLK	+2y7	616.84	833.49	76.1
774	CDH2	P19022	LNGDFAQLNLK	+2y6	616.84	686.42	76.1
775	CDH2	P19022	LNGDFAQLNLK	+2y4	616.84	487.32	76.1
776	CDH2	P19022	LNGDFAQLNLK	+2y3	616.84	374.24	76.1
777	CDH2	P19022	QLLIDPEDDVR	+2y9	656.84	1071.53	79
778	CDH2	P19022	QLLIDPEDDVR	+2y8	656.84	958.45	79
779	CDH2	P19022	QLLIDPEDDVR	+2y7	656.84	845.36	79
780	CDH2	P19022	QLLIDPEDDVR	+2y6	656.84	730.34	79
781	CDH2	P19022	QLLIDPEDDVR	+2y3	656.84	389.21	79
782	CPE	P16870	SNAQGIDLNR	+2y8	544.28	886.47	70.8
783	CPE	P16870	SNAQGIDLNR	+2y7	544.28	815.44	70.8
784	CPE	P16870	SNAQGIDLNR	+2y6	544.28	687.38	70.8
785	CPE	P16870	SNAQGIDLNR	+2y5	544.28	630.36	70.8
786	CPE	P16870	SNAQGIDLNR	+2y4	544.28	517.27	70.8
787	CPE	P16870	TYWEDNK	+2y5	478.21	691.30	66

788	CPE	P16870	TYWEDNK	+2y4	478.21	505.23	66
789	CPE	P16870	TYWEDNK	+2y3	478.21	376.18	66
790	CPE	P16870	LLIPGNYK	+2y7	459.28	804.46	64.6
791	CPE	P16870	LLIPGNYK	+2y6	459.28	691.38	64.6
792	CPE	P16870	LLIPGNYK	+2y5	459.28	578.29	64.6
793	CPE	P16870	LLIPGNYK	+2y4	459.28	481.24	64.6
794	CPE	P16870	LLIPGNYK	+2y3	459.28	424.22	64.6
795	CPE	P16870	LTASAPGYLAITK	+2y11	653.37	1091.61	78.7
796	CPE	P16870	LTASAPGYLAITK	+2y10	653.37	1020.57	78.7
797	CPE	P16870	LTASAPGYLAITK	+2y9	653.37	933.54	78.7
798	CPE	P16870	LTASAPGYLAITK	+2y8	653.37	862.50	78.7
799	CPE	P16870	LTASAPGYLAITK	+2y4	653.37	432.28	78.7
800	CP	P00450	ALYLQYTDETFR	+2y9	760.38	1172.56	86.5
801	CP	P00450	ALYLQYTDETFR	+2y8	760.38	1059.47	86.5
802	CP	P00450	ALYLQYTDETFR	+2y7	760.38	931.42	86.5
803	CP	P00450	ALYLQYTDETFR	+2y6	760.38	768.35	86.5
804	CP	P00450	ALYLQYTDETFR	+2y4	760.38	552.28	86.5
805	CP	P00450	EYTDASFTNR	+2y8	602.27	911.42	75
806	CP	P00450	EYTDASFTNR	+2y7	602.27	810.37	75
807	CP	P00450	EYTDASFTNR	+2y6	602.27	695.35	75
808	CP	P00450	EYTDASFTNR	+2y5	602.27	624.31	75
809	CP	P00450	EYTDASFTNR	+2y4	602.27	537.28	75
810	CP	P00450	NNEGTYSPNYPQSR	+2y10	952.41	1225.56	100.5
811	CP	P00450	NNEGTYSPNYPQSR	+2y9	952.41	1062.50	100.5
812	CP	P00450	NNEGTYSPNYPQSR	+2y8	952.41	975.46	100.5
813	CP	P00450	NNEGTYSPNYPQSR	+2y5	952.41	601.31	100.5
814	CP	P00450	NNEGTYSPNYPQSR	+2y4	952.41	487.26	100.5
815	CP	P00450	EDEDFQESNK	+2y7	620.75	867.38	76.4
816	CP	P00450	EDEDFQESNK	+2y6	620.75	752.36	76.4
817	CP	P00450	EDEDFQESNK	+2y5	620.75	605.29	76.4
818	CP	P00450	EDEDFQESNK	+2y4	620.75	477.23	76.4
819	CP	P00450	EDEDFQESNK	+2y3	620.75	348.19	76.4
820	CP	P00450	DDEEFIESNK	+2y7	613.26	866.43	75.8
821	CP	P00450	DDEEFIESNK	+2y6	613.26	737.38	75.8
822	CP	P00450	DDEEFIESNK	+2y5	613.26	590.31	75.8
823	CP	P00450	DDEEFIESNK	+2y4	613.26	477.23	75.8
824	CP	P00450	DDEEFIESNK	+2y3	613.26	348.19	75.8
825	C4B	POCOL5	VDFTLSSER	+2y8	527.26	954.45	69.6
826	C4B	POCOL5	VDFTLSSER	+2y7	527.26	839.43	69.6
827	C4B	POCOL5	VDFTLSSER	+2y6	527.26	692.36	69.6
828	C4B	POCOL5	VDFTLSSER	+2y5	527.26	591.31	69.6
829	C4B	POCOL5	VDFTLSSER	+2y4	527.26	478.23	69.6
830	C4B	POCOL5	TTNIQGINLLFSSR	+2y10	782.43	1134.63	88.2
831	C4B	POCOL5	TTNIQGINLLFSSR	+2y9	782.43	1006.57	88.2
832	C4B	POCOL5	TTNIQGINLLFSSR	+2y7	782.43	836.46	88.2
833	C4B	POCOL5	TTNIQGINLLFSSR	+2y4	782.43	496.25	88.2
834	C4B	POCOL5	TTNIQGINLLFSSR	+2y3	782.43	349.18	88.2
835	C4B	POCOL5	FEQLELRPVLYNYLDK	+2y11	1020.54	1393.78	105.5
836	C4B	POCOL5	FEQLELRPVLYNYLDK	+2y9	1020.54	1124.60	105.5
837	C4B	POCOL5	FEQLELRPVLYNYLDK	+2y7	1020.54	928.48	105.5

838	C4B	P0C0L5	FEQLELRPVLYNYLKD	+2y6	1020.54	815.39	105.5
839	C4B	P0C0L5	FEQLELRPVLYNYLKD	+2y5	1020.54	652.33	105.5
840	C4B	P0C0L5	VLSLAQEQVGGGSPEK	+2y11	771.41	1129.55	87.4
841	C4B	P0C0L5	VLSLAQEQVGGGSPEK	+2y10	771.41	1058.51	87.4
842	C4B	P0C0L5	VLSLAQEQVGGGSPEK	+2y9	771.41	930.45	87.4
843	C4B	P0C0L5	VLSLAQEQVGGGSPEK	+2y6	771.41	574.28	87.4
844	C4B	P0C0L5	VLSLAQEQVGGGSPEK	+2y3	771.41	373.21	87.4
845	C4B	P0C0L5	GLEEELQFSLGSK	+2y8	718.87	879.49	83.5
846	C4B	P0C0L5	GLEEELQFSLGSK	+2y7	718.87	766.41	83.5
847	C4B	P0C0L5	GLEEELQFSLGSK	+2y6	718.87	638.35	83.5
848	C4B	P0C0L5	GLEEELQFSLGSK	+2y5	718.87	491.28	83.5
849	C4B	P0C0L5	GLEEELQFSLGSK	+2y4	718.87	404.25	83.5
850	SERPINA6	P08185	GLASANVDFAFSLYK	+2y10	801.91	1203.60	89.6
851	SERPINA6	P08185	GLASANVDFAFSLYK	+2y9	801.91	1089.56	89.6
852	SERPINA6	P08185	GLASANVDFAFSLYK	+2y8	801.91	990.49	89.6
853	SERPINA6	P08185	GLASANVDFAFSLYK	+2y7	801.91	875.47	89.6
854	SERPINA6	P08185	GLASANVDFAFSLYK	+2y4	801.91	510.29	89.6
855	SERPINA6	P08185	GTWTQPFDLSTR	+2y10	740.36	1135.57	85.1
856	SERPINA6	P08185	GTWTQPFDLSTR	+2y9	740.36	1034.53	85.1
857	SERPINA6	P08185	GTWTQPFDLSTR	+2y8	740.36	906.47	85.1
858	SERPINA6	P08185	GTWTQPFDLSTR	+2y5	740.36	547.32	85.1
859	SERPINA6	P08185	GTWTQPFDLSTR	+2y4	740.36	434.24	85.1
860	SERPINA6	P08185	EENFYVDETTVVK	+2y9	786.88	1053.55	88.5
861	SERPINA6	P08185	EENFYVDETTVVK	+2y8	786.88	890.48	88.5
862	SERPINA6	P08185	EENFYVDETTVVK	+2y7	786.88	791.41	88.5
863	SERPINA6	P08185	EENFYVDETTVVK	+2y6	786.88	676.39	88.5
864	SERPINA6	P08185	EENFYVDETTVVK	+2y3	786.88	345.25	88.5
865	SERPINA6	P08185	WSAGLTSSQVDLYIPK	+2y11	882.96	1250.66	95.5
866	SERPINA6	P08185	WSAGLTSSQVDLYIPK	+2y10	882.96	1149.62	95.5
867	SERPINA6	P08185	WSAGLTSSQVDLYIPK	+2y7	882.96	847.49	95.5
868	SERPINA6	P08185	WSAGLTSSQVDLYIPK	+2y6	882.96	748.42	95.5
869	SERPINA6	P08185	WSAGLTSSQVDLYIPK	+2y3	882.96	357.25	95.5
870	SERPINA6	P08185	ITQDAQLK	+2y7	458.76	803.43	64.6
871	SERPINA6	P08185	ITQDAQLK	+2y6	458.76	702.38	64.6
872	SERPINA6	P08185	ITQDAQLK	+2y5	458.76	574.32	64.6
873	SERPINA6	P08185	ITQDAQLK	+2y3	458.76	388.26	64.6
874	FGB	P02675	DNENVVNEYSSELEK	+2y10	884.90	1197.56	95.6
875	FGB	P02675	DNENVVNEYSSELEK	+2y9	884.90	1098.49	95.6
876	FGB	P02675	DNENVVNEYSSELEK	+2y7	884.90	855.41	95.6
877	FGB	P02675	DNENVVNEYSSELEK	+2y6	884.90	692.35	95.6
878	FGB	P02675	DNENVVNEYSSELEK	+2y5	884.90	605.31	95.6
879	FGB	P02675	QDGSVDFGR	+2y8	490.73	852.38	66.9
880	FGB	P02675	QDGSVDFGR	+2y7	490.73	737.36	66.9
881	FGB	P02675	QDGSVDFGR	+2y5	490.73	593.30	66.9
882	FGB	P02675	QDGSVDFGR	+2y4	490.73	494.24	66.9
883	FGB	P02675	QDGSVDFGR	+2y3	490.73	379.21	66.9
884	FGB	P02675	QFGFNVATNTDGK	+2y7	654.81	706.34	78.9
885	FGB	P02675	QFGFNVATNTDGK	+2y6	654.81	635.30	78.9
886	FGB	P02675	QFGFNVATNTDGK	+2y5	654.81	534.25	78.9
887	FGB	P02675	QFGFNVATNTDGK	+2y4	654.81	420.21	78.9

888	FGB	P02675	QGFNGVATNTDGGK	+2y3	654.81	319.16	78.9
889	FGB	P02675	EDGGGWYYNR	+2y8	620.26	995.45	76.3
890	FGB	P02675	EDGGGWYYNR	+2y6	620.26	881.41	76.3
891	FGB	P02675	EDGGGWYYNR	+2y5	620.26	824.38	76.3
892	FGB	P02675	EDGGGWYYNR	+2y4	620.26	638.30	76.3
893	FGB	P02675	EDGGGWYYNR	+2y3	620.26	452.23	76.3
894	FGB	P02675	IRFFFPQQ	+2y4	516.78	519.26	68.8
895	FGB	P02675	IRFFFPQQ	+2y3	516.78	372.19	68.8
896	FN1	P02751	NTFAEVTGLSPGVTTYFK	+2y12	997.50	1332.68	103.8
897	FN1	P02751	NTFAEVTGLSPGVTTYFK	+2y11	997.50	1231.64	103.8
898	FN1	P02751	NTFAEVTGLSPGVTTYFK	+2y9	997.50	1061.53	103.8
899	FN1	P02751	NTFAEVTGLSPGVTTYFK	+2y8	997.50	974.50	103.8
900	FN1	P02751	NTFAEVTGLSPGVTTYFK	+2y5	997.50	721.36	103.8
901	FN1	P02751	LDAPTNLQFVNETDSTVLVR	+2y12	1116.58	1379.72	112.5
902	FN1	P02751	LDAPTNLQFVNETDSTVLVR	+2y11	1116.58	1232.65	112.5
903	FN1	P02751	LDAPTNLQFVNETDSTVLVR	+2y9	1116.58	1019.54	112.5
904	FN1	P02751	LDAPTNLQFVNETDSTVLVR	+2y8	1116.58	890.49	112.5
905	FN1	P02751	LDAPTNLQFVNETDSTVLVR	+2y6	1116.58	674.42	112.5
906	FN1	P02751	VTDATETTITISWR	+2y10	797.41	1207.63	89.2
907	FN1	P02751	VTDATETTITISWR	+2y8	797.41	977.54	89.2
908	FN1	P02751	VTDATETTITISWR	+2y7	797.41	876.49	89.2
909	FN1	P02751	VTDATETTITISWR	+2y4	797.41	561.31	89.2
910	FN1	P02751	VTDATETTITISWR	+2y3	797.41	448.23	89.2
911	FN1	P02751	SSPVVIDASTAIDAPSNLR	+2y9	957.00	956.52	100.9
912	FN1	P02751	SSPVVIDASTAIDAPSNLR	+2y8	957.00	885.48	100.9
913	FN1	P02751	SSPVVIDASTAIDAPSNLR	+2y7	957.00	772.39	100.9
914	FN1	P02751	SSPVVIDASTAIDAPSNLR	+2y6	957.00	657.37	100.9
915	FN1	P02751	SSPVVIDASTAIDAPSNLR	+2y5	957.00	586.33	100.9
916	FN1	P02751	FLATTPNSLLVSWQPPR	+2y12	964.03	1393.76	101.4
917	FN1	P02751	FLATTPNSLLVSWQPPR	+2y8	964.03	982.55	101.4
918	FN1	P02751	FLATTPNSLLVSWQPPR	+2y6	964.03	770.39	101.4
919	FN1	P02751	FLATTPNSLLVSWQPPR	+2y4	964.03	497.28	101.4
920	FN1	P02751	FLATTPNSLLVSWQPPR	+2y3	964.03	369.22	101.4
921	ORM1	P02763	WFYIASAFR	+2y8	580.80	974.51	73.5
922	ORM1	P02763	WFYIASAFR	+2y7	580.80	827.44	73.5
923	ORM1	P02763	WFYIASAFR	+2y6	580.80	664.38	73.5
924	ORM1	P02763	WFYIASAFR	+2y5	580.80	551.29	73.5
925	ORM1	P02763	WFYIASAFR	+2y4	580.80	480.26	73.5
926	ORM1	P02763	SVQEIQATFFYFTPNK	+2y11	960.48	1363.67	101.1
927	ORM1	P02763	SVQEIQATFFYFTPNK	+2y10	960.48	1235.61	101.1
928	ORM1	P02763	SVQEIQATFFYFTPNK	+2y8	960.48	1063.52	101.1
929	ORM1	P02763	SVQEIQATFFYFTPNK	+2y7	960.48	916.46	101.1
930	ORM1	P02763	SVQEIQATFFYFTPNK	+2y4	960.48	459.26	101.1
931	ORM1	P02763	TEDTIFLR	+2y7	497.76	893.47	67.4
932	ORM1	P02763	TEDTIFLR	+2y6	497.76	764.43	67.4
933	ORM1	P02763	TEDTIFLR	+2y5	497.76	649.40	67.4
934	ORM1	P02763	TEDTIFLR	+2y4	497.76	548.36	67.4
935	ORM1	P02763	TEDTIFLR	+2y3	497.76	435.27	67.4
936	ORM1	P02763	NWGLSVYADKPETTK	+2y11	854.93	1238.63	93.4
937	ORM1	P02763	NWGLSVYADKPETTK	+2y9	854.93	1052.53	93.4

938	ORM1	P02763	NWGLSVYADKPETTK	+2y8	854.93	889.46	93.4
939	ORM1	P02763	NWGLSVYADKPETTK	+2y6	854.93	703.40	93.4
940	ORM1	P02763	NWGLSVYADKPETTK	+2y5	854.93	575.30	93.4
941	ORM1	P02763	SDVVYTDWK	+2y6	556.77	811.40	71.7
942	ORM1	P02763	SDVVYTDWK	+2y5	556.77	712.33	71.7
943	ORM1	P02763	SDVVYTDWK	+2y4	556.77	549.27	71.7
944	ORM1	P02763	SDVVYTDWK	+2y3	556.77	448.22	71.7
945	ORM1	P02763	SDVVYTDWK	+2y2	556.77	333.19	71.7
946	SERPINA4	P29622	FYYLIASETPGK	+2y8	694.86	802.43	81.8
947	SERPINA4	P29622	FYYLIASETPGK	+2y7	694.86	689.35	81.8
948	SERPINA4	P29622	FYYLIASETPGK	+2y6	694.86	618.31	81.8
949	SERPINA4	P29622	FYYLIASETPGK	+2y4	694.86	402.23	81.8
950	SERPINA4	P29622	FYYLIASETPGK	+2y3	694.86	301.19	81.8
951	SERPINA4	P29622	DFYVDENTTVR	+2y9	679.81	1096.53	80.7
952	SERPINA4	P29622	DFYVDENTTVR	+2y8	679.81	933.46	80.7
953	SERPINA4	P29622	DFYVDENTTVR	+2y7	679.81	834.40	80.7
954	SERPINA4	P29622	DFYVDENTTVR	+2y6	679.81	719.37	80.7
955	SERPINA4	P29622	DFYVDENTTVR	+2y5	679.81	590.33	80.7
956	SERPINA4	P29622	GDATVFFILPNQGK	+2y9	753.90	1063.59	86.1
957	SERPINA4	P29622	GDATVFFILPNQGK	+2y8	753.90	916.53	86.1
958	SERPINA4	P29622	GDATVFFILPNQGK	+2y7	753.90	769.46	86.1
959	SERPINA4	P29622	GDATVFFILPNQGK	+2y6	753.90	656.37	86.1
960	SERPINA4	P29622	GDATVFFILPNQGK	+2y5	753.90	543.29	86.1
961	SERPINA4	P29622	FSISGSYVLDQILPR	+2y12	847.96	1347.73	92.9
962	SERPINA4	P29622	FSISGSYVLDQILPR	+2y8	847.96	953.58	92.9
963	SERPINA4	P29622	FSISGSYVLDQILPR	+2y7	847.96	854.51	92.9
964	SERPINA4	P29622	FSISGSYVLDQILPR	+2y6	847.96	741.43	92.9
965	SERPINA4	P29622	FSISGSYVLDQILPR	+2y3	847.96	385.26	92.9
966	SERPINA4	P29622	LGFTDLFSK	+2y8	514.28	914.46	68.6
967	SERPINA4	P29622	LGFTDLFSK	+2y7	514.28	857.44	68.6
968	SERPINA4	P29622	LGFTDLFSK	+2y6	514.28	710.37	68.6
969	SERPINA4	P29622	LGFTDLFSK	+2y5	514.28	609.32	68.6
970	SERPINA4	P29622	LGFTDLFSK	+2y3	514.28	381.21	68.6
971	AMBP	P02760	ETLLQDFR	+2y6	511.27	791.44	68.4
972	AMBP	P02760	ETLLQDFR	+2y5	511.27	678.36	68.4
973	AMBP	P02760	ETLLQDFR	+2y4	511.27	565.27	68.4
974	AMBP	P02760	ETLLQDFR	+2y3	511.27	437.21	68.4
975	AMBP	P02760	ETLLQDFR	+2y2	511.27	322.19	68.4
976	AMBP	P02760	AFIQLWAFDAVK	+2y8	704.88	949.51	82.5
977	AMBP	P02760	AFIQLWAFDAVK	+2y7	704.88	836.43	82.5
978	AMBP	P02760	AFIQLWAFDAVK	+2y6	704.88	650.35	82.5
979	AMBP	P02760	AFIQLWAFDAVK	+2y5	704.88	579.31	82.5
980	AMBP	P02760	AFIQLWAFDAVK	+2y4	704.88	432.25	82.5
981	CLU	P10909	EIQNAVNGVK	+2y8	536.29	829.45	70.2
982	CLU	P10909	EIQNAVNGVK	+2y7	536.29	701.39	70.2
983	CLU	P10909	EIQNAVNGVK	+2y6	536.29	587.35	70.2
984	CLU	P10909	EIQNAVNGVK	+2y5	536.29	516.31	70.2
985	CLU	P10909	EIQNAVNGVK	+2y4	536.29	417.25	70.2
986	CLU	P10909	ASSIIDELFQDR	+2y8	697.35	1035.51	82
987	CLU	P10909	ASSIIDELFQDR	+2y7	697.35	922.43	82

988	CLU	P10909	ASSIIDELFQDR	+2y6	697.35	807.40	82
989	CLU	P10909	ASSIIDELFQDR	+2y5	697.35	678.36	82
990	CLU	P10909	ASSIIDELFQDR	+2y4	697.35	565.27	82
991	CLU	P10909	ELDESLQVAER	+2y9	644.82	1046.51	78.1
992	CLU	P10909	ELDESLQVAER	+2y7	644.82	802.44	78.1
993	CLU	P10909	ELDESLQVAER	+2y5	644.82	602.33	78.1
994	CLU	P10909	ELDESLQVAER	+2y4	644.82	474.27	78.1
995	CLU	P10909	ELDESLQVAER	+2y3	644.82	375.20	78.1
996	CLU	P10909	LANLTQGEDQYYLR	+2y10	842.42	1272.59	92.5
997	CLU	P10909	LANLTQGEDQYYLR	+2y9	842.42	1171.54	92.5
998	CLU	P10909	LANLTQGEDQYYLR	+2y8	842.42	1043.48	92.5
999	CLU	P10909	LANLTQGEDQYYLR	+2y6	842.42	857.42	92.5
1000	CLU	P10909	LANLTQGEDQYYLR	+2y5	842.42	742.39	92.5
1001	CLU	P10909	LFSDSPITVTPVEVSR	+2y12	937.50	1296.75	99.5
1002	CLU	P10909	LFSDSPITVTPVEVSR	+2y10	937.50	1086.62	99.5
1003	CLU	P10909	LFSDSPITVTPVEVSR	+2y9	937.50	985.57	99.5
1004	CLU	P10909	LFSDSPITVTPVEVSR	+2y8	937.50	886.50	99.5
1005	CLU	P10909	LFSDSPITVTPVEVSR	+2y6	937.50	686.38	99.5
1006	CLEC3B	E9PHK0	NWETEITAQPDGGK	+2y11	773.36	1116.55	87.5
1007	CLEC3B	E9PHK0	NWETEITAQPDGGK	+2y8	773.36	773.38	87.5
1008	CLEC3B	E9PHK0	NWETEITAQPDGGK	+2y7	773.36	672.33	87.5
1009	CLEC3B	E9PHK0	NWETEITAQPDGGK	+2y6	773.36	601.29	87.5
1010	CLEC3B	E9PHK0	NWETEITAQPDGGK	+2y5	773.36	473.24	87.5
1011	ITIH4	Q14624	NGIDIYSLTVDSR	+2y10	726.87	1168.58	84.1
1012	ITIH4	Q14624	NGIDIYSLTVDSR	+2y8	726.87	940.47	84.1
1013	ITIH4	Q14624	NGIDIYSLTVDSR	+2y7	726.87	777.41	84.1
1014	ITIH4	Q14624	NGIDIYSLTVDSR	+2y6	726.87	690.38	84.1
1015	ITIH4	Q14624	NGIDIYSLTVDSR	+2y5	726.87	577.29	84.1
1016	ITIH4	Q14624	AEAQAQYSAAVAK	+2y9	654.33	908.48	78.8
1017	ITIH4	Q14624	AEAQAQYSAAVAK	+2y8	654.33	837.45	78.8
1018	ITIH4	Q14624	AEAQAQYSAAVAK	+2y7	654.33	709.39	78.8
1019	ITIH4	Q14624	AEAQAQYSAAVAK	+2y6	654.33	546.32	78.8
1020	ITIH4	Q14624	AEAQAQYSAAVAK	+2y4	654.33	388.26	78.8
1021	ITIH4	Q14624	ITFELVYEELLK	+2y10	748.92	1282.69	85.7
1022	ITIH4	Q14624	ITFELVYEELLK	+2y8	748.92	1006.58	85.7
1023	ITIH4	Q14624	ITFELVYEELLK	+2y7	748.92	893.50	85.7
1024	ITIH4	Q14624	ITFELVYEELLK	+2y6	748.92	794.43	85.7
1025	ITIH4	Q14624	ITFELVYEELLK	+2y5	748.92	631.37	85.7
1026	ITIH4	Q14624	GPDVLTATVSGK	+2y9	572.81	875.52	72.9
1027	ITIH4	Q14624	GPDVLTATVSGK	+2y8	572.81	776.45	72.9
1028	ITIH4	Q14624	GPDVLTATVSGK	+2y7	572.81	663.37	72.9
1029	ITIH4	Q14624	GPDVLTATVSGK	+2y6	572.81	562.32	72.9
1030	ITIH4	Q14624	GPDVLTATVSGK	+2y5	572.81	491.28	72.9
1031	ITIH4	Q14624	AGFSWIEVTFK	+2y8	642.83	1009.54	78
1032	ITIH4	Q14624	AGFSWIEVTFK	+2y7	642.83	922.50	78
1033	ITIH4	Q14624	AGFSWIEVTFK	+2y6	642.83	736.42	78
1034	ITIH4	Q14624	AGFSWIEVTFK	+2y5	642.83	623.34	78
1035	ITIH4	Q14624	AGFSWIEVTFK	+2y3	642.83	395.23	78
1036	LGALS3BP	Q08380	ALGFENATQALGR	+2y11	674.35	1163.58	80.3
1037	LGALS3BP	Q08380	ALGFENATQALGR	+2y7	674.35	716.40	80.3

1038	LGALS3BP	Q08380	ALGFENATQALGR	+2y6	674.35	645.37	80.3
1039	LGALS3BP	Q08380	ALGFENATQALGR	+2y5	674.35	544.32	80.3
1040	LGALS3BP	Q08380	ALGFENATQALGR	+2y4	674.35	416.26	80.3
1041	LGALS3BP	Q08380	ELSEALGQIFDSQR	+2y9	796.90	1063.55	89.2
1042	LGALS3BP	Q08380	ELSEALGQIFDSQR	+2y8	796.90	950.47	89.2
1043	LGALS3BP	Q08380	ELSEALGQIFDSQR	+2y6	796.90	765.39	89.2
1044	LGALS3BP	Q08380	ELSEALGQIFDSQR	+2y5	796.90	652.30	89.2
1045	LGALS3BP	Q08380	ELSEALGQIFDSQR	+2y3	796.90	390.21	89.2
1046	LGALS3BP	Q08380	SDLAVPSELALLK	+2y9	678.39	969.60	80.6
1047	LGALS3BP	Q08380	SDLAVPSELALLK	+2y8	678.39	870.53	80.6
1048	LGALS3BP	Q08380	SDLAVPSELALLK	+2y5	678.39	557.40	80.6
1049	LGALS3BP	Q08380	SDLAVPSELALLK	+2y4	678.39	444.32	80.6
1050	LGALS3BP	Q08380	SDLAVPSELALLK	+2y3	678.39	373.28	80.6
1051	LGALS3BP	Q08380	GLNLTEDTYKPR	+2y8	703.87	1009.49	82.4
1052	LGALS3BP	Q08380	GLNLTEDTYKPR	+2y7	703.87	908.45	82.4
1053	LGALS3BP	Q08380	GLNLTEDTYKPR	+2y6	703.87	779.40	82.4
1054	LGALS3BP	Q08380	GLNLTEDTYKPR	+2y5	703.87	664.38	82.4
1055	LGALS3BP	Q08380	GLNLTEDTYKPR	+2y4	703.87	563.33	82.4
1056	LGALS3BP	Q08380	IYTSPTWSAFVTDSSWSAR	+2y12	1081.51	1313.61	110
1057	LGALS3BP	Q08380	IYTSPTWSAFVTDSSWSAR	+2y10	1081.51	1155.54	110
1058	LGALS3BP	Q08380	IYTSPTWSAFVTDSSWSAR	+2y9	1081.51	1008.47	110
1059	LGALS3BP	Q08380	IYTSPTWSAFVTDSSWSAR	+2y8	1081.51	909.41	110
1060	LGALS3BP	Q08380	IYTSPTWSAFVTDSSWSAR	+2y6	1081.51	693.33	110
1061	ENPP2	Q13822	WWGGQPLWITATK	+2y11	772.41	1171.65	87.4
1062	ENPP2	Q13822	WWGGQPLWITATK	+2y8	772.41	929.55	87.4
1063	ENPP2	Q13822	WWGGQPLWITATK	+2y6	772.41	719.41	87.4
1064	ENPP2	Q13822	WWGGQPLWITATK	+2y5	772.41	533.33	87.4
1065	ENPP2	Q13822	WWGGQPLWITATK	+2y4	772.41	420.25	87.4
1066	ENPP2	Q13822	VWNYFQR	+2y6	506.75	913.43	68.1
1067	ENPP2	Q13822	VWNYFQR	+2y5	506.75	727.35	68.1
1068	ENPP2	Q13822	VWNYFQR	+2y4	506.75	613.31	68.1
1069	ENPP2	Q13822	VWNYFQR	+2y3	506.75	450.25	68.1
1070	SERPINA5	P05154	TLYLADTFPTNFR	+2y9	779.90	1068.51	88
1071	SERPINA5	P05154	TLYLADTFPTNFR	+2y8	779.90	997.47	88
1072	SERPINA5	P05154	TLYLADTFPTNFR	+2y7	779.90	882.45	88
1073	SERPINA5	P05154	TLYLADTFPTNFR	+2y6	779.90	781.40	88
1074	SERPINA5	P05154	TLYLADTFPTNFR	+2y5	779.90	634.33	88
1075	SERPINA5	P05154	GTQEQDFYVTSETVVR	+2y10	929.94	1200.63	98.9
1076	SERPINA5	P05154	GTQEQDFYVTSETVVR	+2y9	929.94	1053.56	98.9
1077	SERPINA5	P05154	GTQEQDFYVTSETVVR	+2y8	929.94	890.49	98.9
1078	SERPINA5	P05154	GTQEQDFYVTSETVVR	+2y7	929.94	791.43	98.9
1079	SERPINA5	P05154	GTQEQDFYVTSETVVR	+2y6	929.94	690.38	98.9
1080	SERPINA5	P05154	QLELYLPK	+2y6	502.29	762.44	67.7
1081	SERPINA5	P05154	QLELYLPK	+2y5	502.29	633.40	67.7
1082	SERPINA5	P05154	QLELYLPK	+2y4	502.29	520.31	67.7
1083	SERPINA5	P05154	QLELYLPK	+2y3	502.29	357.25	67.7
1084	SERPINA5	P05154	FSIEGSYQLEK	+2y9	650.82	1066.54	78.6
1085	SERPINA5	P05154	FSIEGSYQLEK	+2y8	650.82	953.46	78.6
1086	SERPINA5	P05154	FSIEGSYQLEK	+2y7	650.82	824.41	78.6
1087	SERPINA5	P05154	FSIEGSYQLEK	+2y6	650.82	767.39	78.6

1088	SERPINA5	P05154	FSIEGSYQLEK	+2y5	650.82	680.36	78.6
1089	SERPINA5	P05154	AAAATGTIFTFR	+2y8	613.83	942.50	75.9
1090	SERPINA5	P05154	AAAATGTIFTFR	+2y7	613.83	841.46	75.9
1091	SERPINA5	P05154	AAAATGTIFTFR	+2y4	613.83	570.30	75.9
1092	CST3	P01034	ALDFAVGEYNK	+2y9	613.81	1042.48	75.9
1093	CST3	P01034	ALDFAVGEYNK	+2y7	613.81	780.39	75.9
1094	CST3	P01034	ALDFAVGEYNK	+2y6	613.81	709.35	75.9
1095	CST3	P01034	ALDFAVGEYNK	+2y5	613.81	610.28	75.9
1096	CST3	P01034	ALDFAVGEYNK	+2y3	613.81	424.22	75.9
1097	CST3	P01034	QIVAGVNYFLDVELGR	+2y12	896.98	1381.71	96.5
1098	CST3	P01034	QIVAGVNYFLDVELGR	+2y10	896.98	1225.62	96.5
1099	CST3	P01034	QIVAGVNYFLDVELGR	+2y9	896.98	1111.58	96.5
1100	CST3	P01034	QIVAGVNYFLDVELGR	+2y8	896.98	948.51	96.5
1101	CST3	P01034	QIVAGVNYFLDVELGR	+2y6	896.98	688.36	96.5
1102	OPTC	Q9UBM4	EGDSFEVLPLR	+2y7	631.32	873.52	77.1
1103	OPTC	Q9UBM4	EGDSFEVLPLR	+2y6	631.32	726.45	77.1
1104	OPTC	Q9UBM4	EGDSFEVLPLR	+2y5	631.32	597.41	77.1
1105	OPTC	Q9UBM4	EGDSFEVLPLR	+2y4	631.32	498.34	77.1
1106	OPTC	Q9UBM4	EGDSFEVLPLR	+2y3	631.32	385.26	77.1
1107	DKK3	Q9UBP4	LLDLITWELEPDGALDR	+2y11	985.02	1300.62	102.9
1108	DKK3	Q9UBP4	LLDLITWELEPDGALDR	+2y10	985.02	1114.54	102.9
1109	DKK3	Q9UBP4	LLDLITWELEPDGALDR	+2y8	985.02	872.41	102.9
1110	DKK3	Q9UBP4	LLDLITWELEPDGALDR	+2y7	985.02	743.37	102.9
1111	DKK3	Q9UBP4	LLDLITWELEPDGALDR	+2y5	985.02	531.29	102.9
1112	DKK3	Q9UBP4	DQDGEILLPR	+2y8	578.30	912.51	73.3
1113	DKK3	Q9UBP4	DQDGEILLPR	+2y7	578.30	797.49	73.3
1114	DKK3	Q9UBP4	DQDGEILLPR	+2y5	578.30	611.42	73.3
1115	DKK3	Q9UBP4	DQDGEILLPR	+2y4	578.30	498.34	73.3
1116	DKK3	Q9UBP4	DQDGEILLPR	+2y3	578.30	385.26	73.3
1117	DKK3	Q9UBP4	QELEDLER	+2y6	516.25	774.40	68.8
1118	DKK3	Q9UBP4	QELEDLER	+2y5	516.25	661.32	68.8
1119	DKK3	Q9UBP4	QELEDLER	+2y4	516.25	532.27	68.8
1120	DKK3	Q9UBP4	QELEDLER	+2y3	516.25	417.25	68.8
1121	DKK3	Q9UBP4	QELEDLER	+2y2	516.25	304.16	68.8
1122	DKK3	Q9UBP4	EPAAAAAALLGGEEI	+2y11	691.86	1014.55	81.6
1123	DKK3	Q9UBP4	EPAAAAAALLGGEEI	+2y8	691.86	801.44	81.6
1124	DKK3	Q9UBP4	EPAAAAAALLGGEEI	+2y7	691.86	730.40	81.6
1125	DKK3	Q9UBP4	EPAAAAAALLGGEEI	+2y6	691.86	617.31	81.6
1126	DKK3	Q9UBP4	EPAAAAAALLGGEEI	+2y5	691.86	504.23	81.6
1127	TPP1	O14773	ADPEEELSLTFALR	+2y9	795.90	1049.60	89.1
1128	TPP1	O14773	ADPEEELSLTFALR	+2y8	795.90	920.56	89.1
1129	TPP1	O14773	ADPEEELSLTFALR	+2y6	795.90	720.44	89.1
1130	TPP1	O14773	ADPEEELSLTFALR	+2y5	795.90	607.36	89.1
1131	TPP1	O14773	ADPEEELSLTFALR	+2y4	795.90	506.31	89.1
1132	TPP1	O14773	LSELVQAVSDPSSPQYGK	+2y11	952.98	1164.55	100.6
1133	TPP1	O14773	LSELVQAVSDPSSPQYGK	+2y10	952.98	1065.48	100.6
1134	TPP1	O14773	LSELVQAVSDPSSPQYGK	+2y9	952.98	978.45	100.6
1135	TPP1	O14773	LSELVQAVSDPSSPQYGK	+2y8	952.98	863.43	100.6
1136	TPP1	O14773	LSELVQAVSDPSSPQYGK	+2y5	952.98	592.31	100.6
1137	TPP1	O14773	AYPDVAALSDGYWVVSNR	+2y10	991.98	1182.55	103.4

1138	TPP1	O14773	AYPDVAALSDGYWVVSNR	+2y9	991.98	1095.52	103.4
1139	TPP1	O14773	AYPDVAALSDGYWVVSNR	+2y8	991.98	980.49	103.4
1140	TPP1	O14773	AYPDVAALSDGYWVVSNR	+2y6	991.98	760.41	103.4
1141	TPP1	O14773	AYPDVAALSDGYWVVSNR	+2y4	991.98	475.26	103.4
1142	TPP1	O14773	ILSGRPPLGFLNPR	+2y9	768.95	1010.58	87.2
1143	TPP1	O14773	ILSGRPPLGFLNPR	+2y8	768.95	913.53	87.2
1144	TPP1	O14773	ILSGRPPLGFLNPR	+2y6	768.95	703.39	87.2
1145	TPP1	O14773	ILSGRPPLGFLNPR	+2y5	768.95	646.37	87.2
1146	TPP1	O14773	ILSGRPPLGFLNPR	+2y4	768.95	499.30	87.2
1147	ABI3BP	Q7Z7G0	FTEAIVDAEPK	+2y9	610.31	971.50	75.6
1148	ABI3BP	Q7Z7G0	FTEAIVDAEPK	+2y8	610.31	842.46	75.6
1149	ABI3BP	Q7Z7G0	FTEAIVDAEPK	+2y7	610.31	771.42	75.6
1150	ABI3BP	Q7Z7G0	FTEAIVDAEPK	+2y6	610.31	658.34	75.6
1151	ABI3BP	Q7Z7G0	FTEAIVDAEPK	+2y5	610.31	559.27	75.6
1152	ABI3BP	Q7Z7G0	YLIVVRPAPPPSQK	+2y11	782.96	1175.69	88.2
1153	ABI3BP	Q7Z7G0	YLIVVRPAPPPSQK	+2y10	782.96	1076.62	88.2
1154	ABI3BP	Q7Z7G0	YLIVVRPAPPPSQK	+2y9	782.96	977.55	88.2
1155	ABI3BP	Q7Z7G0	YLIVVRPAPPPSQK	+2y8	782.96	821.45	88.2
1156	ABI3BP	Q7Z7G0	YLIVVRPAPPPSQK	+2y6	782.96	653.36	88.2
1157	ABI3BP	Q7Z7G0	DNVEGGIWSK	+2y8	552.77	875.46	71.4
1158	ABI3BP	Q7Z7G0	DNVEGGIWSK	+2y7	552.77	776.39	71.4
1159	ABI3BP	Q7Z7G0	DNVEGGIWSK	+2y6	552.77	647.35	71.4
1160	ABI3BP	Q7Z7G0	DNVEGGIWSK	+2y5	552.77	590.33	71.4
1161	ABI3BP	Q7Z7G0	DNVEGGIWSK	+2y3	552.77	420.22	71.4
1162	ABI3BP	Q7Z7G0	FYNIGDQR	+2y6	506.75	702.35	68.1
1163	ABI3BP	Q7Z7G0	FYNIGDQR	+2y5	506.75	588.31	68.1
1164	ABI3BP	Q7Z7G0	FYNIGDQR	+2y4	506.75	475.23	68.1
1165	ABI3BP	Q7Z7G0	FYNIGDQR	+2y3	506.75	418.20	68.1
1166	ABI3BP	Q7Z7G0	FYNIGDQR	+2y2	506.75	303.18	68.1
1167	ABI3BP	Q7Z7G0	TGQQLTSDQLPIK	+2y10	714.89	1142.64	83.2
1168	ABI3BP	Q7Z7G0	TGQQLTSDQLPIK	+2y9	714.89	1014.58	83.2
1169	ABI3BP	Q7Z7G0	TGQQLTSDQLPIK	+2y8	714.89	901.50	83.2
1170	ABI3BP	Q7Z7G0	TGQQLTSDQLPIK	+2y7	714.89	800.45	83.2
1171	ABI3BP	Q7Z7G0	TGQQLTSDQLPIK	+2y3	714.89	357.25	83.2
1172	LRG1	P02750	GPLQLER	+2y5	406.73	658.39	60.8
1173	LRG1	P02750	GPLQLER	+2y4	406.73	545.30	60.8
1174	LRG1	P02750	GPLQLER	+2y3	406.73	417.25	60.8
1175	LRG1	P02750	GPLQLER	+2y2	406.73	304.16	60.8
1176	LRG1	P02750	DLLLPQDLR	+2y8	590.34	951.56	74.2
1177	LRG1	P02750	DLLLPQDLR	+2y7	590.34	838.48	74.2
1178	LRG1	P02750	DLLLPQDLR	+2y6	590.34	725.39	74.2
1179	LRG1	P02750	DLLLPQDLR	+2y5	590.34	628.34	74.2
1180	LRG1	P02750	DLLLPQDLR	+2y4	590.34	500.28	74.2
1181	LRG1	P02750	YLFLNGNK	+2y7	484.76	805.46	66.5
1182	LRG1	P02750	YLFLNGNK	+2y6	484.76	692.37	66.5
1183	LRG1	P02750	YLFLNGNK	+2y5	484.76	545.30	66.5
1184	LRG1	P02750	YLFLNGNK	+2y4	484.76	432.22	66.5
1185	LRG1	P02750	YLFLNGNK	+2y3	484.76	318.18	66.5
1186	LRG1	P02750	VAAGAFQGLR	+2y9	495.28	890.48	67.2
1187	LRG1	P02750	VAAGAFQGLR	+2y8	495.28	819.45	67.2

1188	LRG1	P02750	VAAGAFQGLR	+2y7	495.28	748.41	67.2
1189	LRG1	P02750	VAAGAFQGLR	+2y5	495.28	620.35	67.2
1190	LRG1	P02750	VAAGAFQGLR	+2y3	495.28	345.22	67.2
1191	LRG1	P02750	GQTL LAVAK	+2y7	450.78	715.47	64
1192	LRG1	P02750	GQTL LAVAK	+2y6	450.78	614.42	64
1193	LRG1	P02750	GQTL LAVAK	+2y5	450.78	501.34	64
1194	LRG1	P02750	GQTL LAVAK	+2y4	450.78	388.26	64
1195	LRG1	P02750	GQTL LAVAK	+2y3	450.78	317.22	64
1196	SPON1	Q9HCB6	EGYTEFSLR	+2y7	551.26	915.46	71.3
1197	SPON1	Q9HCB6	EGYTEFSLR	+2y6	551.26	752.39	71.3
1198	SPON1	Q9HCB6	EGYTEFSLR	+2y5	551.26	651.35	71.3
1199	SPON1	Q9HCB6	EGYTEFSLR	+2y4	551.26	522.30	71.3
1200	SPON1	Q9HCB6	EGYTEFSLR	+2y3	551.26	375.24	71.3
1201	SPON1	Q9HCB6	GFTLIALR	+2y6	445.78	686.46	63.6
1202	SPON1	Q9HCB6	GFTLIALR	+2y5	445.78	585.41	63.6
1203	SPON1	Q9HCB6	GFTLIALR	+2y4	445.78	472.32	63.6
1204	SPON1	Q9HCB6	GFTLIALR	+2y3	445.78	359.24	63.6
1205	SPON1	Q9HCB6	IIFYQDEGSLTK	+2y10	707.37	1187.56	82.7
1206	SPON1	Q9HCB6	IIFYQDEGSLTK	+2y9	707.37	1024.49	82.7
1207	SPON1	Q9HCB6	IIFYQDEGSLTK	+2y8	707.37	877.43	82.7
1208	SPON1	Q9HCB6	IIFYQDEGSLTK	+2y7	707.37	749.37	82.7
1209	SPON1	Q9HCB6	IIFYQDEGSLTK	+2y6	707.37	634.34	82.7
1210	SPON1	Q9HCB6	NYVLWEYGGYASEGVK	+2y12	917.94	1345.61	98
1211	SPON1	Q9HCB6	NYVLWEYGGYASEGVK	+2y11	917.94	1159.53	98
1212	SPON1	Q9HCB6	NYVLWEYGGYASEGVK	+2y10	917.94	1030.48	98
1213	SPON1	Q9HCB6	NYVLWEYGGYASEGVK	+2y9	917.94	867.42	98
1214	SPON1	Q9HCB6	NYVLWEYGGYASEGVK	+2y8	917.94	810.40	98
1215	SPON1	Q9HCB6	AQWPAWQPLNVR	+2y10	733.39	1266.67	84.6
1216	SPON1	Q9HCB6	AQWPAWQPLNVR	+2y9	733.39	1080.59	84.6
1217	SPON1	Q9HCB6	AQWPAWQPLNVR	+2y7	733.39	912.51	84.6
1218	SPON1	Q9HCB6	AQWPAWQPLNVR	+2y6	733.39	726.43	84.6
1219	SPON1	Q9HCB6	AQWPAWQPLNVR	+2y5	733.39	598.37	84.6
1220	IGHA1	P01876	DASGVFTWTWTPSSGK	+2y10	770.87	1111.54	87.3
1221	IGHA1	P01876	DASGVFTWTWTPSSGK	+2y8	770.87	863.43	87.3
1222	IGHA1	P01876	DASGVFTWTWTPSSGK	+2y7	770.87	762.38	87.3
1223	IGHA1	P01876	DASGVFTWTWTPSSGK	+2y6	770.87	576.30	87.3
1224	IGHA1	P01876	DASGVFTWTWTPSSGK	+2y5	770.87	475.25	87.3
1225	IGHA1	P01876	TPLTATLSK	+2y7	466.28	733.45	65.1
1226	IGHA1	P01876	TPLTATLSK	+2y6	466.28	620.36	65.1
1227	IGHA1	P01876	TPLTATLSK	+2y5	466.28	519.31	65.1
1228	IGHA1	P01876	TPLTATLSK	+2y4	466.28	448.28	65.1
1229	IGHA1	P01876	TPLTATLSK	+2y3	466.28	347.23	65.1
1230	IGHA1	P01876	WLQGSQELPR	+2y9	607.32	1027.55	75.4
1231	IGHA1	P01876	WLQGSQELPR	+2y8	607.32	914.47	75.4
1232	IGHA1	P01876	WLQGSQELPR	+2y7	607.32	786.41	75.4
1233	IGHA1	P01876	WLQGSQELPR	+2y4	607.32	514.30	75.4
1234	IGHA1	P01876	WLQGSQELPR	+2y3	607.32	385.26	75.4
1235	IGHA1	P01876	YLTWASR	+2y6	448.73	733.40	63.8
1236	IGHA1	P01876	YLTWASR	+2y5	448.73	620.32	63.8
1237	IGHA1	P01876	YLTWASR	+2y4	448.73	519.27	63.8

1238	IGHA1	P01876	YLTWASR	+2y3	448.73	333.19	63.8
1239	IGHA1	P01876	QEPSQGTTFVAVTSILR	+2y12	918.48	1266.71	98.1
1240	IGHA1	P01876	QEPSQGTTFVAVTSILR	+2y10	918.48	1108.64	98.1
1241	IGHA1	P01876	QEPSQGTTFVAVTSILR	+2y8	918.48	906.54	98.1
1242	IGHA1	P01876	QEPSQGTTFVAVTSILR	+2y7	918.48	759.47	98.1
1243	IGHA1	P01876	QEPSQGTTFVAVTSILR	+2y5	918.48	589.37	98.1
1244	RS1	O15537	FQDSSQWLQIDLK	+2y10	804.41	1217.65	89.8
1245	RS1	O15537	FQDSSQWLQIDLK	+2y9	804.41	1130.62	89.8
1246	RS1	O15537	FQDSSQWLQIDLK	+2y8	804.41	1043.59	89.8
1247	RS1	O15537	FQDSSQWLQIDLK	+2y7	804.41	915.53	89.8
1248	RS1	O15537	FQDSSQWLQIDLK	+2y6	804.41	729.45	89.8
1249	APOC3	P02656	DALSSVQESQVAQQAR	+2y10	858.93	1144.57	93.7
1250	APOC3	P02656	DALSSVQESQVAQQAR	+2y8	858.93	887.47	93.7
1251	APOC3	P02656	DALSSVQESQVAQQAR	+2y5	858.93	573.31	93.7
1252	APOC3	P02656	DALSSVQESQVAQQAR	+2y4	858.93	502.27	93.7
1253	APOC3	P02656	DALSSVQESQVAQQAR	+2y3	858.93	374.21	93.7
1254	APOC3	P02656	GWVTDGFSSLK	+2y9	598.80	953.49	74.8
1255	APOC3	P02656	GWVTDGFSSLK	+2y8	598.80	854.43	74.8
1256	APOC3	P02656	GWVTDGFSSLK	+2y7	598.80	753.38	74.8
1257	APOC3	P02656	GWVTDGFSSLK	+2y6	598.80	638.35	74.8
1258	APOC3	P02656	GWVTDGFSSLK	+2y4	598.80	434.26	74.8
1259	APOC3	P02656	DYWSTVK	+2y6	449.72	783.40	63.9
1260	APOC3	P02656	DYWSTVK	+2y5	449.72	620.34	63.9
1261	APOC3	P02656	DYWSTVK	+2y4	449.72	434.26	63.9
1262	APOC3	P02656	DYWSTVK	+2y3	449.72	347.23	63.9
1263	APOC3	P02656	FSEFWDLDPVRPTSAVAA	+2y13	1069.02	1325.71	109
1264	APOC3	P02656	FSEFWDLDPVRPTSAVAA	+2y12	1069.02	1212.62	109
1265	APOC3	P02656	FSEFWDLDPVRPTSAVAA	+2y11	1069.02	1097.59	109
1266	APOC3	P02656	FSEFWDLDPVRPTSAVAA	+2y9	1069.02	871.50	109
1267	APOC3	P02656	FSEFWDLDPVRPTSAVAA	+2y8	1069.02	772.43	109
1268	APOE	P02649	WELALGR	+2y6	422.74	658.39	61.9
1269	APOE	P02649	WELALGR	+2y5	422.74	529.35	61.9
1270	APOE	P02649	WELALGR	+2y4	422.74	416.26	61.9
1271	APOE	P02649	WELALGR	+2y3	422.74	345.22	61.9
1272	APOE	P02649	SELEEQLTPVAEETR	+2y10	865.93	1143.60	94.2
1273	APOE	P02649	SELEEQLTPVAEETR	+2y9	865.93	1015.54	94.2
1274	APOE	P02649	SELEEQLTPVAEETR	+2y8	865.93	902.46	94.2
1275	APOE	P02649	SELEEQLTPVAEETR	+2y7	865.93	801.41	94.2
1276	APOE	P02649	SELEEQLTPVAEETR	+2y5	865.93	605.29	94.2
1277	APOE	P02649	ELQAAQAR	+2y6	443.74	644.35	63.5
1278	APOE	P02649	ELQAAQAR	+2y5	443.74	516.29	63.5
1279	APOE	P02649	ELQAAQAR	+2y4	443.74	445.25	63.5
1280	APOE	P02649	ELQAAQAR	+2y3	443.74	374.21	63.5
1281	APOE	P02649	AATVGSLAGQPLQER	+2y11	749.40	1155.61	85.7
1282	APOE	P02649	AATVGSLAGQPLQER	+2y10	749.40	1098.59	85.7
1283	APOE	P02649	AATVGSLAGQPLQER	+2y8	749.40	898.47	85.7
1284	APOE	P02649	AATVGSLAGQPLQER	+2y7	749.40	827.44	85.7
1285	APOE	P02649	AATVGSLAGQPLQER	+2y5	749.40	642.36	85.7
1286	APOE	P02649	LEEQAQQIR	+2y7	557.80	872.46	71.8
1287	APOE	P02649	LEEQAQQIR	+2y6	557.80	743.42	71.8

1288	APOE	P02649	LEEQAQQIR	+2y5	557.80	615.36	71.8
1289	APOE	P02649	LEEQAQQIR	+2y4	557.80	544.32	71.8
1290	APOE	P02649	LEEQAQQIR	+2y3	557.80	416.26	71.8
1291	CAT	P04040	LNVTVGPR	+2y7	484.80	741.46	66.5
1292	CAT	P04040	LNVTVGPR	+2y6	484.80	642.39	66.5
1293	CAT	P04040	LNVTVGPR	+2y5	484.80	529.31	66.5
1294	CAT	P04040	LNVTVGPR	+2y4	484.80	428.26	66.5
1295	CAT	P04040	LNVTVGPR	+2y3	484.80	329.19	66.5
1296	CAT	P04040	FSTVAGESGSADTVR	+2y11	742.35	1049.49	85.2
1297	CAT	P04040	FSTVAGESGSADTVR	+2y10	742.35	978.45	85.2
1298	CAT	P04040	FSTVAGESGSADTVR	+2y8	742.35	792.38	85.2
1299	CAT	P04040	FSTVAGESGSADTVR	+2y7	742.35	705.35	85.2
1300	CAT	P04040	FSTVAGESGSADTVR	+2y3	742.35	375.24	85.2
1301	CAT	P04040	FNTANDDNVTQVR	+2y9	747.35	1060.50	85.6
1302	CAT	P04040	FNTANDDNVTQVR	+2y7	747.35	831.43	85.6
1303	CAT	P04040	FNTANDDNVTQVR	+2y6	747.35	716.40	85.6
1304	CAT	P04040	FNTANDDNVTQVR	+2y4	747.35	503.29	85.6
1305	CAT	P04040	FNTANDDNVTQVR	+2y3	747.35	402.25	85.6
1306	CAT	P04040	AFYVNVLNNEEQR	+2y8	741.37	1001.50	85.2
1307	CAT	P04040	AFYVNVLNNEEQR	+2y7	741.37	887.46	85.2
1308	CAT	P04040	AFYVNVLNNEEQR	+2y6	741.37	788.39	85.2
1309	CAT	P04040	AFYVNVLNNEEQR	+2y5	741.37	675.31	85.2
1310	CAT	P04040	AFYVNVLNNEEQR	+2y2	741.37	303.18	85.2
1311	CAT	P04040	DAQIFIQK	+2y6	481.77	776.47	66.2
1312	CAT	P04040	DAQIFIQK	+2y5	481.77	648.41	66.2
1313	CAT	P04040	DAQIFIQK	+2y4	481.77	535.32	66.2
1314	CAT	P04040	DAQIFIQK	+2y3	481.77	388.26	66.2
1315	VCAN	P13611	LATVGELQAAWR	+2y8	657.86	930.48	79.1
1316	VCAN	P13611	LATVGELQAAWR	+2y5	657.86	631.33	79.1
1317	VCAN	P13611	LATVGELQAAWR	+2y4	657.86	503.27	79.1
1318	VCAN	P13611	LATVGELQAAWR	+2y3	657.86	432.24	79.1
1319	VCAN	P13611	LATVGELQAAWR	+2y2	657.86	361.20	79.1
1320	VCAN	P13611	ITEGTTQEFPWK	+2y10	783.38	1222.57	88.2
1321	VCAN	P13611	ITEGTTQEFPWK	+2y8	783.38	1064.50	88.2
1322	VCAN	P13611	ITEGTTQEFPWK	+2y6	783.38	835.40	88.2
1323	VCAN	P13611	ITEGTTQEFPWK	+2y4	783.38	577.31	88.2
1324	VCAN	P13611	ITEGTTQEFPWK	+2y3	783.38	430.24	88.2
1325	VCAN	P13611	DPEAAEAR	+2y6	429.70	646.32	62.4
1326	VCAN	P13611	DPEAAEAR	+2y5	429.70	517.27	62.4
1327	VCAN	P13611	DPEAAEAR	+2y4	429.70	446.24	62.4
1328	VCAN	P13611	DPEAAEAR	+2y3	429.70	375.20	62.4
1329	VCAN	P13611	QEIESETTSEEIQEEK	+2y11	1018.96	1321.61	105.4
1330	VCAN	P13611	QEIESETTSEEIQEEK	+2y10	1018.96	1220.56	105.4
1331	VCAN	P13611	QEIESETTSEEIQEEK	+2y9	1018.96	1119.52	105.4
1332	VCAN	P13611	QEIESETTSEEIQEEK	+2y7	1018.96	903.44	105.4
1333	VCAN	P13611	QEIESETTSEEIQEEK	+2y4	1018.96	533.26	105.4
1334	VCAN	P13611	GQDSTIAASEQQVAAR	+2y10	816.40	1030.53	90.6
1335	VCAN	P13611	GQDSTIAASEQQVAAR	+2y9	816.40	959.49	90.6
1336	VCAN	P13611	GQDSTIAASEQQVAAR	+2y8	816.40	888.45	90.6
1337	VCAN	P13611	GQDSTIAASEQQVAAR	+2y7	816.40	801.42	90.6

1338	VCAN	P13611	GQDSTIAASEQQVAAR	+2y6	816.40	672.38	90.6
1339	C5	P01031	FQNSAILTIQPK	+2y10	680.39	1084.64	80.7
1340	C5	P01031	FQNSAILTIQPK	+2y7	680.39	812.52	80.7
1341	C5	P01031	FQNSAILTIQPK	+2y6	680.39	699.44	80.7
1342	C5	P01031	FQNSAILTIQPK	+2y5	680.39	586.36	80.7
1343	C5	P01031	FQNSAILTIQPK	+2y3	680.39	372.22	80.7
1344	C5	P01031	VVTEADVYITFGIR	+2y7	791.93	869.49	88.8
1345	C5	P01031	VVTEADVYITFGIR	+2y6	791.93	706.42	88.8
1346	C5	P01031	VVTEADVYITFGIR	+2y5	791.93	593.34	88.8
1347	C5	P01031	VVTEADVYITFGIR	+2y4	791.93	492.29	88.8
1348	C5	P01031	VVTEADVYITFGIR	+2y3	791.93	345.22	88.8
1349	C5	P01031	TDAPDLPEENQAR	+2y10	728.34	1168.56	84.2
1350	C5	P01031	TDAPDLPEENQAR	+2y9	728.34	1071.51	84.2
1351	C5	P01031	TDAPDLPEENQAR	+2y8	728.34	956.48	84.2
1352	C5	P01031	TDAPDLPEENQAR	+2y7	728.34	843.40	84.2
1353	C5	P01031	TDAPDLPEENQAR	+2y5	728.34	617.30	84.2
1354	C5	P01031	ENSLYLTAFTVIGIR	+2y11	848.97	1253.73	93
1355	C5	P01031	ENSLYLTAFTVIGIR	+2y10	848.97	1090.66	93
1356	C5	P01031	ENSLYLTAFTVIGIR	+2y9	848.97	977.58	93
1357	C5	P01031	ENSLYLTAFTVIGIR	+2y8	848.97	876.53	93
1358	C5	P01031	ENSLYLTAFTVIGIR	+2y7	848.97	805.49	93
1359	C5	P01031	ALVEGVDQLFTDYQIK	+2y10	919.98	1270.63	98.2
1360	C5	P01031	ALVEGVDQLFTDYQIK	+2y8	919.98	1027.55	98.2
1361	C5	P01031	ALVEGVDQLFTDYQIK	+2y6	919.98	767.39	98.2
1362	C5	P01031	ALVEGVDQLFTDYQIK	+2y5	919.98	666.35	98.2
1363	C5	P01031	ALVEGVDQLFTDYQIK	+2y4	919.98	551.32	98.2
1364	GAPDH	P04406	LVINGNPITIFQER	+2y10	807.45	1174.62	90
1365	GAPDH	P04406	LVINGNPITIFQER	+2y8	807.45	1003.56	90
1366	GAPDH	P04406	LVINGNPITIFQER	+2y6	807.45	793.42	90
1367	GAPDH	P04406	LVINGNPITIFQER	+2y5	807.45	692.37	90
1368	GAPDH	P04406	LVINGNPITIFQER	+2y4	807.45	579.29	90
1369	GAPDH	P04406	GALQNIIPASTGAAK	+2y11	706.40	1042.59	82.6
1370	GAPDH	P04406	GALQNIIPASTGAAK	+2y10	706.40	928.55	82.6
1371	GAPDH	P04406	GALQNIIPASTGAAK	+2y9	706.40	815.46	82.6
1372	GAPDH	P04406	GALQNIIPASTGAAK	+2y8	706.40	702.38	82.6
1373	GAPDH	P04406	GALQNIIPASTGAAK	+2y6	706.40	534.29	82.6
1374	GAPDH	P04406	VIPELNGK	+2y6	435.26	657.36	62.8
1375	GAPDH	P04406	VIPELNGK	+2y5	435.26	560.30	62.8
1376	GAPDH	P04406	VIPELNGK	+2y3	435.26	318.18	62.8
1377	GAPDH	P04406	LISWYDNEFGYSNR	+2y10	882.40	1264.52	95.4
1378	GAPDH	P04406	LISWYDNEFGYSNR	+2y9	882.40	1101.46	95.4
1379	GAPDH	P04406	LISWYDNEFGYSNR	+2y8	882.40	986.43	95.4
1380	GAPDH	P04406	LISWYDNEFGYSNR	+2y6	882.40	743.35	95.4
1381	GAPDH	P04406	LISWYDNEFGYSNR	+2y5	882.40	596.28	95.4
1382	KRT1	P04264	FLEQQNQVLQTK	+2y8	738.40	958.53	84.9
1383	KRT1	P04264	FLEQQNQVLQTK	+2y7	738.40	830.47	84.9
1384	KRT1	P04264	FLEQQNQVLQTK	+2y5	738.40	588.37	84.9
1385	KRT1	P04264	FLEQQNQVLQTK	+2y4	738.40	489.30	84.9
1386	KRT1	P04264	FLEQQNQVLQTK	+2y3	738.40	376.22	84.9
1387	KRT1	P04264	AQYEDIAQK	+2y7	533.26	866.43	70

1388	KRT1	P04264	AQYEDIAQK	+2y6	533.26	703.36	70
1389	KRT1	P04264	AQYEDIAQK	+2y5	533.26	574.32	70
1390	KRT1	P04264	AQYEDIAQK	+2y4	533.26	459.29	70
1391	KRT1	P04264	AQYEDIAQK	+2y3	533.26	346.21	70
1392	KRT1	P04264	QISNLQQSISDAEQR	+2y9	858.93	1033.49	93.7
1393	KRT1	P04264	QISNLQQSISDAEQR	+2y8	858.93	905.43	93.7
1394	KRT1	P04264	QISNLQQSISDAEQR	+2y6	858.93	705.32	93.7
1395	KRT1	P04264	QISNLQQSISDAEQR	+2y4	858.93	503.26	93.7
1396	KRT1	P04264	QISNLQQSISDAEQR	+2y2	858.93	303.18	93.7
1397	KRT1	P04264	LALDLEIATYR	+2y8	639.36	980.50	77.7
1398	KRT1	P04264	LALDLEIATYR	+2y6	639.36	752.39	77.7
1399	KRT1	P04264	LALDLEIATYR	+2y5	639.36	623.35	77.7
1400	KRT1	P04264	LALDLEIATYR	+2y4	639.36	510.27	77.7
1401	KRT1	P04264	LALDLEIATYR	+2y3	639.36	439.23	77.7
1402	KRT1	P04264	GSGGGSSGGSIGGR	+2y10	546.76	834.41	71
1403	KRT1	P04264	GSGGGSSGGSIGGR	+2y9	546.76	777.38	71
1404	KRT1	P04264	GSGGGSSGGSIGGR	+2y8	546.76	690.35	71
1405	KRT1	P04264	GSGGGSSGGSIGGR	+2y7	546.76	603.32	71
1406	KRT1	P04264	GSGGGSSGGSIGGR	+2y6	546.76	546.30	71
1407	HPR	P00739	TEGDGVYTLNDK	+2y10	656.31	1081.52	79
1408	HPR	P00739	TEGDGVYTLNDK	+2y6	656.31	753.38	79
1409	HPR	P00739	TEGDGVYTLNDK	+2y5	656.31	590.31	79
1410	HPR	P00739	TEGDGVYTLNDK	+2y4	656.31	489.27	79
1411	HPR	P00739	TEGDGVYTLNDK	+2y3	656.31	376.18	79
1412	HPR	P00739	NPANPVQR	+2y6	448.24	684.38	63.8
1413	HPR	P00739	NPANPVQR	+2y5	448.24	613.34	63.8
1414	HPR	P00739	NPANPVQR	+2y4	448.24	499.30	63.8
1415	HPR	P00739	NPANPVQR	+2y3	448.24	402.25	63.8
1416	HPR	P00739	NPANPVQR	+2y2	448.24	303.18	63.8
1417	HPR	P00739	GSPFWQAK	+2y6	460.73	776.41	64.7
1418	HPR	P00739	GSPFWQAK	+2y5	460.73	629.34	64.7
1419	HPR	P00739	GSPFWQAK	+2y4	460.73	532.29	64.7
1420	HPR	P00739	GSPFWQAK	+2y3	460.73	346.21	64.7
1421	HPR	P00739	DIAPTLTYVGK	+2y9	645.87	991.58	78.2
1422	HPR	P00739	DIAPTLTYVGK	+2y8	645.87	894.53	78.2
1423	HPR	P00739	DIAPTLTYVGK	+2y6	645.87	680.40	78.2
1424	HPR	P00739	DIAPTLTYVGK	+2y5	645.87	579.35	78.2
1425	HPR	P00739	DIAPTLTYVGK	+2y4	645.87	466.27	78.2
1426	HPR	P00739	QLVEIEK	+2y5	429.75	617.35	62.4
1427	HPR	P00739	QLVEIEK	+2y4	429.75	518.28	62.4
1428	HPR	P00739	QLVEIEK	+2y3	429.75	389.24	62.4
1429	HBB	P68871	LLVVPWTQR	+2y8	637.87	1048.56	77.6
1430	HBB	P68871	LLVVPWTQR	+2y7	637.87	949.49	77.6
1431	HBB	P68871	LLVVPWTQR	+2y6	637.87	850.42	77.6
1432	HBB	P68871	LLVVPWTQR	+2y5	637.87	687.36	77.6
1433	HBB	P68871	LLVVPWTQR	+2y3	637.87	404.23	77.6
1434	HBB	P68871	EFTPPVQAAYQK	+2y9	689.85	1001.54	81.4
1435	HBB	P68871	EFTPPVQAAYQK	+2y8	689.85	904.49	81.4
1436	HBB	P68871	EFTPPVQAAYQK	+2y6	689.85	708.37	81.4
1437	HBB	P68871	EFTPPVQAAYQK	+2y5	689.85	580.31	81.4

1438	HBB	P68871	EFTPPVQAAYQK	+2y3	689.85	438.23	81.4
1439	HRG	P04196	DGYLFQLLR	+2y7	562.81	952.56	72.1
1440	HRG	P04196	DGYLFQLLR	+2y6	562.81	789.50	72.1
1441	HRG	P04196	DGYLFQLLR	+2y5	562.81	676.41	72.1
1442	HRG	P04196	DGYLFQLLR	+2y4	562.81	529.35	72.1
1443	HRG	P04196	DGYLFQLLR	+2y3	562.81	401.29	72.1
1444	HRG	P04196	DSPVLIDFFEDTER	+2y9	841.90	1171.53	92.5
1445	HRG	P04196	DSPVLIDFFEDTER	+2y8	841.90	1058.44	92.5
1446	HRG	P04196	DSPVLIDFFEDTER	+2y7	841.90	943.42	92.5
1447	HRG	P04196	DSPVLIDFFEDTER	+2y6	841.90	796.35	92.5
1448	HRG	P04196	DSPVLIDFFEDTER	+2y3	841.90	405.21	92.5
1449	HRG	P04196	EENDDFASFR	+2y6	615.26	742.35	76
1450	HRG	P04196	EENDDFASFR	+2y5	615.26	627.32	76
1451	HRG	P04196	EENDDFASFR	+2y4	615.26	480.26	76
1452	HRG	P04196	EENDDFASFR	+2y3	615.26	409.22	76
1453	HRG	P04196	EENDDFASFR	+2y2	615.26	322.19	76
1454	HRG	P04196	GGEGTGYFVDFSVR	+2y9	745.85	1089.54	85.5
1455	HRG	P04196	GGEGTGYFVDFSVR	+2y7	745.85	869.45	85.5
1456	HRG	P04196	GGEGTGYFVDFSVR	+2y6	745.85	722.38	85.5
1457	HRG	P04196	GGEGTGYFVDFSVR	+2y5	745.85	623.31	85.5
1458	HRG	P04196	GGEGTGYFVDFSVR	+2y4	745.85	508.29	85.5
1459	HRG	P04196	ADLFYDVEALDLESPK	+2y12	912.95	1378.67	97.7
1460	HRG	P04196	ADLFYDVEALDLESPK	+2y11	912.95	1215.61	97.7
1461	HRG	P04196	ADLFYDVEALDLESPK	+2y9	912.95	1001.51	97.7
1462	HRG	P04196	ADLFYDVEALDLESPK	+2y8	912.95	872.47	97.7
1463	HRG	P04196	ADLFYDVEALDLESPK	+2y3	912.95	331.20	97.7
1464	CD14	P08571	VDADADPR	+2y7	429.70	759.33	62.4
1465	CD14	P08571	VDADADPR	+2y6	429.70	644.30	62.4
1466	CD14	P08571	VDADADPR	+2y5	429.70	573.26	62.4
1467	CD14	P08571	VDADADPR	+2y4	429.70	458.24	62.4
1468	CD14	P08571	VDADADPR	+2y3	429.70	387.20	62.4
1469	CD14	P08571	SWLAELQQWLKPLGK	+2y10	899.01	1210.73	96.7
1470	CD14	P08571	SWLAELQQWLKPLGK	+2y9	899.01	1097.65	96.7
1471	CD14	P08571	SWLAELQQWLKPLGK	+2y7	899.01	841.53	96.7
1472	CD14	P08571	SWLAELQQWLKPLGK	+2y5	899.01	542.37	96.7
1473	CD14	P08571	SWLAELQQWLKPLGK	+2y4	899.01	414.27	96.7
1474	CD14	P08571	AFPALTSLDLSDNPGLGER	+2y11	987.00	1172.55	103.1
1475	CD14	P08571	AFPALTSLDLSDNPGLGER	+2y9	987.00	944.44	103.1
1476	CD14	P08571	AFPALTSLDLSDNPGLGER	+2y8	987.00	857.41	103.1
1477	CD14	P08571	AFPALTSLDLSDNPGLGER	+2y7	987.00	742.38	103.1
1478	CD14	P08571	AFPALTSLDLSDNPGLGER	+2y6	987.00	628.34	103.1
1479	CD14	P08571	FPAIQNLALR	+2y8	571.84	898.55	72.8
1480	CD14	P08571	FPAIQNLALR	+2y7	571.84	827.51	72.8
1481	CD14	P08571	FPAIQNLALR	+2y6	571.84	714.43	72.8
1482	CD14	P08571	FPAIQNLALR	+2y5	571.84	586.37	72.8
1483	CD14	P08571	FPAIQNLALR	+2y3	571.84	359.24	72.8
1484	CD14	P08571	ATVNPSAPR	+2y7	456.75	740.40	64.4
1485	CD14	P08571	ATVNPSAPR	+2y6	456.75	641.34	64.4
1486	CD14	P08571	ATVNPSAPR	+2y5	456.75	527.29	64.4
1487	CD14	P08571	ATVNPSAPR	+2y4	456.75	430.24	64.4

1488	CD14	P08571	ATVNPSAPR	+2y3	456.75	343.21	64.4
1489	RNASE1	P07998	LTNGSR	+2y5	324.18	534.26	54.7
1490	RNASE1	P07998	LTNGSR	+2y4	324.18	433.22	54.7
1491	RNASE1	P07998	LTNGSR	+2y3	324.18	319.17	54.7
1492	SOD3	P08294	VTGVVLF	+2y7	445.78	791.48	63.6
1493	SOD3	P08294	VTGVVLF	+2y6	445.78	690.43	63.6
1494	SOD3	P08294	VTGVVLF	+2y4	445.78	534.34	63.6
1495	SOD3	P08294	VTGVVLF	+2y3	445.78	435.27	63.6
1496	SOD3	P08294	GGNQASVENGNAGR	+2y10	665.81	974.46	79.7
1497	SOD3	P08294	GGNQASVENGNAGR	+2y9	665.81	903.43	79.7
1498	SOD3	P08294	GGNQASVENGNAGR	+2y8	665.81	816.40	79.7
1499	SOD3	P08294	GGNQASVENGNAGR	+2y7	665.81	717.33	79.7
1500	SOD3	P08294	GGNQASVENGNAGR	+2y6	665.81	588.28	79.7
1501	VTN	P04004	AVRPGYPK	+2y7	444.26	816.47	63.5
1502	VTN	P04004	AVRPGYPK	+2y6	444.26	717.40	63.5
1503	VTN	P04004	AVRPGYPK	+2y5	444.26	561.30	63.5
1504	VTN	P04004	AVRPGYPK	+2y4	444.26	464.25	63.5
1505	VTN	P04004	AVRPGYPK	+2y3	444.26	407.23	63.5
1506	VTN	P04004	DVWGIEGPIDAAFTR	+2y12	823.91	1246.64	91.2
1507	VTN	P04004	DVWGIEGPIDAAFTR	+2y10	823.91	1076.54	91.2
1508	VTN	P04004	DVWGIEGPIDAAFTR	+2y9	823.91	947.49	91.2
1509	VTN	P04004	DVWGIEGPIDAAFTR	+2y8	823.91	890.47	91.2
1510	VTN	P04004	DVWGIEGPIDAAFTR	+2y5	823.91	565.31	91.2
1511	VTN	P04004	FEDGVLPDPYPR	+2y10	711.83	1146.54	83
1512	VTN	P04004	FEDGVLPDPYPR	+2y7	711.83	875.43	83
1513	VTN	P04004	FEDGVLPDPYPR	+2y6	711.83	762.34	83
1514	VTN	P04004	FEDGVLPDPYPR	+2y5	711.83	647.31	83
1515	VTN	P04004	FEDGVLPDPYPR	+2y3	711.83	435.24	83
1516	VTN	P04004	DSWEDIFELLFWGR	+2y8	906.93	1067.57	97.2
1517	VTN	P04004	DSWEDIFELLFWGR	+2y6	906.93	791.46	97.2
1518	VTN	P04004	DSWEDIFELLFWGR	+2y5	906.93	678.37	97.2
1519	VTN	P04004	DSWEDIFELLFWGR	+2y4	906.93	565.29	97.2
1520	VTN	P04004	DSWEDIFELLFWGR	+2y3	906.93	418.22	97.2
1521	VTN	P04004	VDTVDPYPYPR	+2y8	579.79	944.48	73.4
1522	VTN	P04004	VDTVDPYPYPR	+2y7	579.79	843.44	73.4
1523	VTN	P04004	VDTVDPYPYPR	+2y6	579.79	744.37	73.4
1524	VTN	P04004	VDTVDPYPYPR	+2y5	579.79	629.34	73.4
1525	VTN	P04004	VDTVDPYPYPR	+2y4	579.79	532.29	73.4
1526	CFI	G3XAM2	AQLGDLPWQVAIK	+2y11	719.91	1239.71	83.6
1527	CFI	G3XAM2	AQLGDLPWQVAIK	+2y10	719.91	1126.63	83.6
1528	CFI	G3XAM2	AQLGDLPWQVAIK	+2y8	719.91	954.58	83.6
1529	CFI	G3XAM2	AQLGDLPWQVAIK	+2y7	719.91	841.49	83.6
1530	CFI	G3XAM2	AQLGDLPWQVAIK	+2y3	719.91	331.23	83.6
1531	CFI	G3XAM2	IVIEYVDR	+2y7	503.78	893.47	67.8
1532	CFI	G3XAM2	IVIEYVDR	+2y6	503.78	794.40	67.8
1533	CFI	G3XAM2	IVIEYVDR	+2y5	503.78	681.32	67.8
1534	CFI	G3XAM2	IVIEYVDR	+2y4	503.78	552.28	67.8
1535	CFI	G3XAM2	IVIEYVDR	+2y3	503.78	389.21	67.8
1536	CFI	G3XAM2	VFSLQWGEVK	+2y8	596.82	946.50	74.6
1537	CFI	G3XAM2	VFSLQWGEVK	+2y7	596.82	859.47	74.6

1538	CFI	G3XAM2	VFSLQWGEVK	+2y6	596.82	746.38	74.6
1539	CFI	G3XAM2	VFSLQWGEVK	+2y5	596.82	618.32	74.6
1540	CFI	G3XAM2	VFSLQWGEVK	+2y4	596.82	432.25	74.6
1541	C6	P13671	VPANLENVGFVQTAEDDLK	+2y12	1094.54	1351.64	110.9
1542	C6	P13671	VPANLENVGFVQTAEDDLK	+2y11	1094.54	1294.62	110.9
1543	C6	P13671	VPANLENVGFVQTAEDDLK	+2y10	1094.54	1147.55	110.9
1544	C6	P13671	VPANLENVGFVQTAEDDLK	+2y9	1094.54	1018.51	110.9
1545	C6	P13671	VPANLENVGFVQTAEDDLK	+2y7	1094.54	791.38	110.9
1546	C6	P13671	SEYGAALAWEK	+2y9	612.80	1008.51	75.8
1547	C6	P13671	SEYGAALAWEK	+2y8	612.80	845.45	75.8
1548	C6	P13671	SEYGAALAWEK	+2y6	612.80	717.39	75.8
1549	C6	P13671	SEYGAALAWEK	+2y5	612.80	646.36	75.8
1550	C6	P13671	SEYGAALAWEK	+2y3	612.80	462.23	75.8
1551	C6	P13671	TFSEWLESVK	+2y8	613.31	977.49	75.8
1552	C6	P13671	TFSEWLESVK	+2y7	613.31	890.46	75.8
1553	C6	P13671	TFSEWLESVK	+2y6	613.31	761.42	75.8
1554	C6	P13671	TFSEWLESVK	+2y5	613.31	575.34	75.8
1555	C6	P13671	TFSEWLESVK	+2y4	613.31	462.26	75.8
1556	C6	P13671	ENPAVIDFELAPIVDLVR	+2y12	1005.55	1386.76	104.4
1557	C6	P13671	ENPAVIDFELAPIVDLVR	+2y10	1005.55	1124.67	104.4
1558	C6	P13671	ENPAVIDFELAPIVDLVR	+2y9	1005.55	995.62	104.4
1559	C6	P13671	ENPAVIDFELAPIVDLVR	+2y8	1005.55	882.54	104.4
1560	C6	P13671	ENPAVIDFELAPIVDLVR	+2y7	1005.55	811.50	104.4
1561	C6	P13671	QLEWGLER	+2y6	515.77	789.39	68.7
1562	C6	P13671	QLEWGLER	+2y5	515.77	660.35	68.7
1563	C6	P13671	QLEWGLER	+2y4	515.77	474.27	68.7
1564	C6	P13671	QLEWGLER	+2y3	515.77	417.25	68.7
1565	C6	P13671	QLEWGLER	+2y2	515.77	304.16	68.7
1566	C7	P10643	LSGNVLSYTFQVK	+2y8	728.40	985.54	84.2
1567	C7	P10643	LSGNVLSYTFQVK	+2y7	728.40	872.45	84.2
1568	C7	P10643	LSGNVLSYTFQVK	+2y6	728.40	785.42	84.2
1569	C7	P10643	LSGNVLSYTFQVK	+2y5	728.40	622.36	84.2
1570	C7	P10643	LSGNVLSYTFQVK	+2y3	728.40	374.24	84.2
1571	C7	P10643	INNDFNIEFYNSTWSYVK	+2y10	1152.52	1294.61	115.1
1572	C7	P10643	INNDFNIEFYNSTWSYVK	+2y7	1152.52	870.44	115.1
1573	C7	P10643	INNDFNIEFYNSTWSYVK	+2y6	1152.52	783.40	115.1
1574	C7	P10643	INNDFNIEFYNSTWSYVK	+2y5	1152.52	682.36	115.1
1575	C7	P10643	INNDFNIEFYNSTWSYVK	+2y4	1152.52	496.28	115.1
1576	C7	P10643	AASGTQNNVLR	+2y9	565.80	988.52	72.4
1577	C7	P10643	AASGTQNNVLR	+2y8	565.80	901.49	72.4
1578	C7	P10643	AASGTQNNVLR	+2y7	565.80	844.46	72.4
1579	C7	P10643	AASGTQNNVLR	+2y6	565.80	743.42	72.4
1580	C7	P10643	AASGTQNNVLR	+2y5	565.80	615.36	72.4
1581	C7	P10643	YSAWAESVTNLPQVIK	+2y12	903.48	1298.73	97
1582	C7	P10643	YSAWAESVTNLPQVIK	+2y10	903.48	1098.65	97
1583	C7	P10643	YSAWAESVTNLPQVIK	+2y8	903.48	912.55	97
1584	C7	P10643	YSAWAESVTNLPQVIK	+2y7	903.48	811.50	97
1585	C7	P10643	YSAWAESVTNLPQVIK	+2y5	903.48	584.38	97
1586	C7	P10643	LTPLYELVK	+2y7	538.32	861.51	70.4
1587	C7	P10643	LTPLYELVK	+2y6	538.32	764.46	70.4

1588	C7	P10643	LTPLYELVK	+2y5	538.32	651.37	70.4
1589	C7	P10643	LTPLYELVK	+2y4	538.32	488.31	70.4
1590	C7	P10643	LTPLYELVK	+2y3	538.32	359.27	70.4
1591	CA2	P00918	GGPLDGTyr	+2y7	468.23	821.42	65.3
1592	CA2	P00918	GGPLDGTyr	+2y6	468.23	724.36	65.3
1593	CA2	P00918	GGPLDGTyr	+2y5	468.23	611.28	65.3
1594	CA2	P00918	GGPLDGTyr	+2y4	468.23	496.25	65.3
1595	CA2	P00918	GGPLDGTyr	+2y2	468.23	338.18	65.3
1596	CA2	P00918	AVQQPDGLAVLGIFLK	+2y12	834.99	1242.75	92
1597	CA2	P00918	AVQQPDGLAVLGIFLK	+2y8	834.99	860.56	92
1598	CA2	P00918	AVQQPDGLAVLGIFLK	+2y6	834.99	690.45	92
1599	CA2	P00918	AVQQPDGLAVLGIFLK	+2y5	834.99	577.37	92
1600	CA2	P00918	AVQQPDGLAVLGIFLK	+2y3	834.99	407.27	92
1601	CA2	P00918	VGSAKPLQK	+2y9	492.80	885.52	67
1602	CA2	P00918	VGSAKPLQK	+2y8	492.80	828.49	67
1603	CA2	P00918	VGSAKPLQK	+2y7	492.80	741.46	67
1604	CA2	P00918	VGSAKPLQK	+2y6	492.80	670.42	67
1605	CA2	P00918	VGSAKPLQK	+2y5	492.80	542.33	67
1606	CA2	P00918	VVDVLSIK	+2y7	494.29	789.44	67.2
1607	CA2	P00918	VVDVLSIK	+2y6	494.29	674.41	67.2
1608	CA2	P00918	VVDVLSIK	+2y5	494.29	575.34	67.2
1609	CA2	P00918	VVDVLSIK	+2y4	494.29	462.26	67.2
1610	CA2	P00918	VVDVLSIK	+2y3	494.29	347.23	67.2
1611	CA2	P00918	SADFTNFDPR	+2y8	585.26	1011.45	73.8
1612	CA2	P00918	SADFTNFDPR	+2y7	585.26	896.43	73.8
1613	CA2	P00918	SADFTNFDPR	+2y6	585.26	749.36	73.8
1614	CA2	P00918	SADFTNFDPR	+2y5	585.26	648.31	73.8
1615	CA2	P00918	SADFTNFDPR	+2y3	585.26	387.20	73.8
1616	LRP2	E9PC35	VFWTDTVQNK	+2y8	619.31	991.48	76.3
1617	LRP2	E9PC35	VFWTDTVQNK	+2y7	619.31	805.41	76.3
1618	LRP2	E9PC35	VFWTDTVQNK	+2y6	619.31	704.36	76.3
1619	LRP2	E9PC35	VFWTDTVQNK	+2y5	619.31	589.33	76.3
1620	LRP2	E9PC35	VFWTDTVQNK	+2y3	619.31	389.21	76.3
1621	LRP2	E9PC35	TDNDGLGFR	+2y7	497.73	778.38	67.4
1622	LRP2	E9PC35	TDNDGLGFR	+2y6	497.73	664.34	67.4
1623	LRP2	E9PC35	TDNDGLGFR	+2y5	497.73	549.31	67.4
1624	LRP2	E9PC35	TDNDGLGFR	+2y3	497.73	379.21	67.4
1625	LRP2	E9PC35	TDNDGLGFR	+2y2	497.73	322.19	67.4
1626	LRP2	E9PC35	VENVESLAFDWISK	+2y10	818.91	1195.60	90.8
1627	LRP2	E9PC35	VENVESLAFDWISK	+2y9	818.91	1066.56	90.8
1628	LRP2	E9PC35	VENVESLAFDWISK	+2y7	818.91	866.44	90.8
1629	LRP2	E9PC35	VENVESLAFDWISK	+2y6	818.91	795.40	90.8
1630	LRP2	E9PC35	VENVESLAFDWISK	+2y5	818.91	648.34	90.8
1631	LRP2	E9PC35	TVVQYLNNPR	+2y8	602.33	1003.53	75
1632	LRP2	E9PC35	TVVQYLNNPR	+2y7	602.33	904.46	75
1633	LRP2	E9PC35	TVVQYLNNPR	+2y6	602.33	776.40	75
1634	LRP2	E9PC35	TVVQYLNNPR	+2y4	602.33	500.26	75
1635	LRP2	E9PC35	TVVQYLNNPR	+2y3	602.33	386.21	75
1636	LRP2	E9PC35	LYWVDAYFDK	+2y8	660.32	1043.48	79.3
1637	LRP2	E9PC35	LYWVDAYFDK	+2y7	660.32	857.40	79.3

1638	LRP2	E9PC35	LYWVDAYFDK	+2y6	660.32	758.34	79.3
1639	LRP2	E9PC35	LYWVDAYFDK	+2y5	660.32	643.31	79.3
1640	LRP2	E9PC35	LYWVDAYFDK	+2y4	660.32	572.27	79.3
1641	KRT2	P35908	FLEQQNQVLQTK	+2y8	738.40	958.53	84.9
1642	KRT2	P35908	FLEQQNQVLQTK	+2y7	738.40	830.47	84.9
1643	KRT2	P35908	FLEQQNQVLQTK	+2y5	738.40	588.37	84.9
1644	KRT2	P35908	FLEQQNQVLQTK	+2y4	738.40	489.30	84.9
1645	KRT2	P35908	FLEQQNQVLQTK	+2y3	738.40	376.22	84.9
1646	KRT2	P35908	LALDVEIATYR	+2y8	632.35	966.49	77.2
1647	KRT2	P35908	LALDVEIATYR	+2y7	632.35	851.46	77.2
1648	KRT2	P35908	LALDVEIATYR	+2y6	632.35	752.39	77.2
1649	KRT2	P35908	LALDVEIATYR	+2y5	632.35	623.35	77.2
1650	KRT2	P35908	LALDVEIATYR	+2y4	632.35	510.27	77.2
1651	KRT2	P35908	GSSSSGGYSSGSSSYGSGGR	+2y12	870.86	1088.46	94.6
1652	KRT2	P35908	GSSSSGGYSSGSSSYGSGGR	+2y11	870.86	1001.43	94.6
1653	KRT2	P35908	GSSSSGGYSSGSSSYGSGGR	+2y10	870.86	914.40	94.6
1654	KRT2	P35908	GSSSSGGYSSGSSSYGSGGR	+2y8	870.86	770.34	94.6
1655	KRT2	P35908	GSSSSGGYSSGSSSYGSGGR	+2y5	870.86	433.22	94.6
1656	KRT2	P35908	GGSSSGGGYSGGGGSSSVK	+2y15	794.85	1213.54	89.1
1657	KRT2	P35908	GGSSSGGGYSGGGGSSSVK	+2y14	794.85	1156.52	89.1
1658	KRT2	P35908	GGSSSGGGYSGGGGSSSVK	+2y12	794.85	1042.48	89.1
1659	KRT2	P35908	GGSSSGGGYSGGGGSSSVK	+2y11	794.85	879.42	89.1
1660	KRT2	P35908	GGSSSGGGYSGGGGSSSVK	+2y9	794.85	735.36	89.1
1661	KRT2	P35908	GSSGEAFGSSVTFSTR	+2y10	811.88	1134.56	90.3
1662	KRT2	P35908	GSSGEAFGSSVTFSTR	+2y9	811.88	987.49	90.3
1663	KRT2	P35908	GSSGEAFGSSVTFSTR	+2y8	811.88	930.47	90.3
1664	KRT2	P35908	GSSGEAFGSSVTFSTR	+2y5	811.88	657.34	90.3
1665	KRT2	P35908	GSSGEAFGSSVTFSTR	+2y3	811.88	409.22	90.3
1666	LUM	P51884	SLEYLDLSFNQIAR	+2y9	834.93	1063.55	92
1667	LUM	P51884	SLEYLDLSFNQIAR	+2y8	834.93	948.53	92
1668	LUM	P51884	SLEYLDLSFNQIAR	+2y7	834.93	835.44	92
1669	LUM	P51884	SLEYLDLSFNQIAR	+2y6	834.93	748.41	92
1670	LUM	P51884	SLEYLDLSFNQIAR	+2y5	834.93	601.34	92
1671	LUM	P51884	ISNIPDEYFK	+2y9	613.31	1112.53	75.8
1672	LUM	P51884	ISNIPDEYFK	+2y8	613.31	1025.49	75.8
1673	LUM	P51884	ISNIPDEYFK	+2y6	613.31	798.37	75.8
1674	LUM	P51884	ISNIPDEYFK	+2y4	613.31	586.29	75.8
1675	LUM	P51884	ISNIPDEYFK	+2y3	613.31	457.24	75.8
1676	LUM	P51884	FNALQYLR	+2y7	512.78	877.49	68.5
1677	LUM	P51884	FNALQYLR	+2y6	512.78	763.45	68.5
1678	LUM	P51884	FNALQYLR	+2y5	512.78	692.41	68.5
1679	LUM	P51884	FNALQYLR	+2y4	512.78	579.32	68.5
1680	LUM	P51884	FNALQYLR	+2y3	512.78	451.27	68.5
1681	LUM	P51884	ILGPLSYSK	+2y8	489.29	864.48	66.8
1682	LUM	P51884	ILGPLSYSK	+2y7	489.29	751.40	66.8
1683	LUM	P51884	ILGPLSYSK	+2y6	489.29	694.38	66.8
1684	LUM	P51884	ILGPLSYSK	+2y4	489.29	484.24	66.8
1685	LUM	P51884	ILGPLSYSK	+2y3	489.29	397.21	66.8
1686	LUM	P51884	VANEVTLN	+2y6	430.23	689.35	62.5
1687	LUM	P51884	VANEVTLN	+2y5	430.23	575.30	62.5

1688	LUM	P51884	VANEVTLN	+2y4	430.23	446.26	62.5
1689	LUM	P51884	VANEVTLN	+2y3	430.23	347.19	62.5
1690	NPC2	G3V2V8	TYSYLNK	+2y6	444.73	787.40	63.5
1691	NPC2	G3V2V8	TYSYLNK	+2y5	444.73	624.34	63.5
1692	NPC2	G3V2V8	TYSYLNK	+2y4	444.73	537.30	63.5
1693	NPC2	G3V2V8	TYSYLNK	+2y3	444.73	374.24	63.5
1694	IGFBP7	Q16270	TELLPGDR	+2y6	450.74	670.39	64
1695	IGFBP7	Q16270	TELLPGDR	+2y5	450.74	557.30	64
1696	IGFBP7	Q16270	TELLPGDR	+2y4	450.74	444.22	64
1697	IGFBP7	Q16270	TELLPGDR	+2y3	450.74	347.17	64
1698	IGFBP7	Q16270	DNLAIQTR	+2y6	465.75	701.43	65.1
1699	IGFBP7	Q16270	DNLAIQTR	+2y5	465.75	588.35	65.1
1700	IGFBP7	Q16270	DNLAIQTR	+2y4	465.75	517.31	65.1
1701	IGFBP7	Q16270	DNLAIQTR	+2y3	465.75	404.23	65.1
1702	SERPING1	P05155	TNLESILSYPK	+2y9	632.84	1049.59	77.3
1703	SERPING1	P05155	TNLESILSYPK	+2y8	632.84	936.50	77.3
1704	SERPING1	P05155	TNLESILSYPK	+2y7	632.84	807.46	77.3
1705	SERPING1	P05155	TNLESILSYPK	+2y5	632.84	607.34	77.3
1706	SERPING1	P05155	TNLESILSYPK	+2y4	632.84	494.26	77.3
1707	SERPING1	P05155	VLSNNSDANLELINTWVAK	+2y11	1051.05	1300.73	107.7
1708	SERPING1	P05155	VLSNNSDANLELINTWVAK	+2y9	1051.05	1073.60	107.7
1709	SERPING1	P05155	VLSNNSDANLELINTWVAK	+2y8	1051.05	944.56	107.7
1710	SERPING1	P05155	VLSNNSDANLELINTWVAK	+2y7	1051.05	831.47	107.7
1711	SERPING1	P05155	VLSNNSDANLELINTWVAK	+2y6	1051.05	718.39	107.7
1712	SERPING1	P05155	LLDSLPSDTR	+2y9	558.80	1003.51	71.9
1713	SERPING1	P05155	LLDSLPSDTR	+2y8	558.80	890.42	71.9
1714	SERPING1	P05155	LLDSLPSDTR	+2y7	558.80	775.39	71.9
1715	SERPING1	P05155	LLDSLPSDTR	+2y6	558.80	688.36	71.9
1716	SERPING1	P05155	LLDSLPSDTR	+2y5	558.80	575.28	71.9
1717	SERPING1	P05155	LVLLNAIYLSAK	+2y10	659.41	1105.66	79.2
1718	SERPING1	P05155	LVLLNAIYLSAK	+2y9	659.41	992.58	79.2
1719	SERPING1	P05155	LVLLNAIYLSAK	+2y8	659.41	879.49	79.2
1720	SERPING1	P05155	LVLLNAIYLSAK	+2y7	659.41	765.45	79.2
1721	SERPING1	P05155	LVLLNAIYLSAK	+2y5	659.41	581.33	79.2
1722	SERPING1	P05155	FQPTLLTLPR	+2y8	593.35	910.57	74.4
1723	SERPING1	P05155	FQPTLLTLPR	+2y7	593.35	813.52	74.4
1724	SERPING1	P05155	FQPTLLTLPR	+2y6	593.35	712.47	74.4
1725	SERPING1	P05155	FQPTLLTLPR	+2y5	593.35	599.39	74.4
1726	SERPING1	P05155	FQPTLLTLPR	+2y4	593.35	486.30	74.4
1727	SPARCL1	Q14515	SSSQELGLK	+2y7	474.75	774.44	65.7
1728	SPARCL1	Q14515	SSSQELGLK	+2y6	474.75	687.40	65.7
1729	SPARCL1	Q14515	SSSQELGLK	+2y5	474.75	559.34	65.7
1730	SPARCL1	Q14515	SSSQELGLK	+2y4	474.75	430.30	65.7
1731	SPARCL1	Q14515	SSSQELGLK	+2y3	474.75	317.22	65.7
1732	SPARCL1	Q14515	DQGNQE QDPNISNGEEEEK	+2y12	1144.97	1374.60	114.6
1733	SPARCL1	Q14515	DQGNQE QDPNISNGEEEEK	+2y9	1144.97	1050.42	114.6
1734	SPARCL1	Q14515	DQGNQE QDPNISNGEEEEK	+2y8	1144.97	963.39	114.6
1735	SPARCL1	Q14515	DQGNQE QDPNISNGEEEEK	+2y7	1144.97	849.35	114.6
1736	SPARCL1	Q14515	DQGNQE QDPNISNGEEEEK	+2y5	1144.97	663.28	114.6
1737	SPARCL1	Q14515	EEDIDENLLF	+2y7	618.79	863.45	76.2

1738	SPARCL1	Q14515	EEDIDENLLF	+2y6	618.79	750.37	76.2
1739	SPARCL1	Q14515	EEDIDENLLF	+2y5	618.79	635.34	76.2
1740	SPARCL1	Q14515	EEDIDENLLF	+2y4	618.79	506.30	76.2
1741	SPARCL1	Q14515	EEDIDENLLF	+2y3	618.79	392.25	76.2
1742	BTD	P43251	VDLITFDTPFAGR	+2y9	726.38	1011.49	84.1
1743	BTD	P43251	VDLITFDTPFAGR	+2y8	726.38	910.44	84.1
1744	BTD	P43251	VDLITFDTPFAGR	+2y7	726.38	763.37	84.1
1745	BTD	P43251	VDLITFDTPFAGR	+2y6	726.38	648.35	84.1
1746	BTD	P43251	VDLITFDTPFAGR	+2y5	726.38	547.30	84.1
1747	BTD	P43251	LSSGLVTAALYGR	+2y8	654.37	850.48	78.8
1748	BTD	P43251	LSSGLVTAALYGR	+2y7	654.37	751.41	78.8
1749	BTD	P43251	LSSGLVTAALYGR	+2y6	654.37	650.36	78.8
1750	BTD	P43251	LSSGLVTAALYGR	+2y5	654.37	579.32	78.8
1751	BTD	P43251	LSSGLVTAALYGR	+2y3	654.37	395.20	78.8
1752	B3GNT1	O43505	TALASGGVLDASGDYR	+2y12	776.88	1196.55	87.8
1753	B3GNT1	O43505	TALASGGVLDASGDYR	+2y8	776.88	896.41	87.8
1754	B3GNT1	O43505	TALASGGVLDASGDYR	+2y6	776.88	668.30	87.8
1755	B3GNT1	O43505	TALASGGVLDASGDYR	+2y5	776.88	597.26	87.8
1756	B3GNT1	O43505	TALASGGVLDASGDYR	+2y2	776.88	338.18	87.8
1757	B3GNT1	O43505	WEGPLSVSVFAATK	+2y12	746.40	1176.66	85.5
1758	B3GNT1	O43505	WEGPLSVSVFAATK	+2y11	746.40	1119.64	85.5
1759	B3GNT1	O43505	WEGPLSVSVFAATK	+2y9	746.40	909.50	85.5
1760	B3GNT1	O43505	WEGPLSVSVFAATK	+2y8	746.40	822.47	85.5
1761	B3GNT1	O43505	WEGPLSVSVFAATK	+2y7	746.40	723.40	85.5
1762	B3GNT1	O43505	YEA AVDPDR	+2y7	509.25	725.39	68.2
1763	B3GNT1	O43505	YEA AVDPDR	+2y6	509.25	654.36	68.2
1764	B3GNT1	O43505	YEA AVDPDR	+2y5	509.25	583.32	68.2
1765	B3GNT1	O43505	YEA AVDPDR	+2y4	509.25	484.25	68.2
1766	B3GNT1	O43505	YEA AVDPDR	+2y3	509.25	387.20	68.2
1767	B3GNT1	O43505	VPTFDER	+2y6	432.22	764.36	62.6
1768	B3GNT1	O43505	VPTFDER	+2y5	432.22	667.30	62.6
1769	B3GNT1	O43505	VPTFDER	+2y4	432.22	566.26	62.6
1770	B3GNT1	O43505	VPTFDER	+2y3	432.22	419.19	62.6
1771	B3GNT1	O43505	VPTFDER	+2y2	432.22	304.16	62.6
1772	B3GNT1	O43505	QYGFNR	+2y5	392.69	656.32	59.7
1773	B3GNT1	O43505	QYGFNR	+2y4	392.69	493.25	59.7
1774	B3GNT1	O43505	QYGFNR	+2y3	392.69	436.23	59.7
1775	PGLYRP2	Q96PD5	DGSPDVTTADIGANTPDATK	+2y14	973.45	1375.67	102.1
1776	PGLYRP2	Q96PD5	DGSPDVTTADIGANTPDATK	+2y13	973.45	1274.62	102.1
1777	PGLYRP2	Q96PD5	DGSPDVTTADIGANTPDATK	+2y11	973.45	1102.54	102.1
1778	PGLYRP2	Q96PD5	DGSPDVTTADIGANTPDATK	+2y9	973.45	874.43	102.1
1779	PGLYRP2	Q96PD5	DGSPDVTTADIGANTPDATK	+2y5	973.45	531.28	102.1
1780	PGLYRP2	Q96PD5	TFTLLDPK	+2y7	467.77	833.48	65.2
1781	PGLYRP2	Q96PD5	TFTLLDPK	+2y6	467.77	686.41	65.2
1782	PGLYRP2	Q96PD5	TFTLLDPK	+2y5	467.77	585.36	65.2
1783	PGLYRP2	Q96PD5	TFTLLDPK	+2y4	467.77	472.28	65.2
1784	PGLYRP2	Q96PD5	TFTLLDPK	+2y3	467.77	359.19	65.2
1785	PGLYRP2	Q96PD5	WGAAPYR	+2y6	410.71	634.33	61.1
1786	PGLYRP2	Q96PD5	WGAAPYR	+2y5	410.71	577.31	61.1
1787	PGLYRP2	Q96PD5	WGAAPYR	+2y4	410.71	506.27	61.1

1788	PGLYRP2	Q96PD5	WGAAPYR	+2y3	410.71	435.24	61.1
1789	IGHG1	P01857	ALPAPIEK	+2y7	419.76	767.47	61.7
1790	IGHG1	P01857	ALPAPIEK	+2y6	419.76	654.38	61.7
1791	IGHG1	P01857	ALPAPIEK	+2y5	419.76	557.33	61.7
1792	IGHG1	P01857	ALPAPIEK	+2y4	419.76	486.29	61.7
1793	IGHG1	P01857	ALPAPIEK	+2y3	419.76	389.24	61.7
1794	IGHG1	P01857	EPQVYTLPPSR	+2y8	643.84	932.52	78.1
1795	IGHG1	P01857	EPQVYTLPPSR	+2y7	643.84	833.45	78.1
1796	IGHG1	P01857	EPQVYTLPPSR	+2y6	643.84	670.39	78.1
1797	IGHG1	P01857	EPQVYTLPPSR	+2y5	643.84	569.34	78.1
1798	IGHG1	P01857	EPQVYTLPPSR	+2y4	643.84	456.26	78.1
1799	IGHG1	P01857	TTPPVLDSDGSFFLYSK	+2y12	937.46	1378.65	99.5
1800	IGHG1	P01857	TTPPVLDSDGSFFLYSK	+2y11	937.46	1265.57	99.5
1801	IGHG1	P01857	TTPPVLDSDGSFFLYSK	+2y10	937.46	1150.54	99.5
1802	IGHG1	P01857	TTPPVLDSDGSFFLYSK	+2y8	937.46	948.48	99.5
1803	IGHG1	P01857	TTPPVLDSDGSFFLYSK	+2y3	937.46	397.21	99.5
1804	CUTA	O60888	TQSSLPALTDVFR	+2y12	767.42	1304.72	87.1
1805	CUTA	O60888	TQSSLPALTDVFR	+2y9	767.42	1017.57	87.1
1806	CUTA	O60888	TQSSLPALTDVFR	+2y8	767.42	918.50	87.1
1807	CUTA	O60888	TQSSLPALTDVFR	+2y5	767.42	637.33	87.1
1808	CUTA	O60888	TQSSLPALTDVFR	+2y3	767.42	421.26	87.1
1809	CUTA	O60888	QVTESVSDSITVLP	+2y12	737.89	1247.64	84.9
1810	CUTA	O60888	QVTESVSDSITVLP	+2y8	737.89	831.45	84.9
1811	CUTA	O60888	QVTESVSDSITVLP	+2y6	737.89	629.39	84.9
1812	CUTA	O60888	QVTESVSDSITVLP	+2y4	737.89	429.27	84.9
1813	OAF	Q86UD1	ALILGELEK	+2y7	493.30	801.47	67.1
1814	OAF	Q86UD1	ALILGELEK	+2y6	493.30	688.39	67.1
1815	OAF	Q86UD1	ALILGELEK	+2y5	493.30	575.30	67.1
1816	OAF	Q86UD1	ALILGELEK	+2y4	493.30	518.28	67.1
1817	OAF	Q86UD1	ALILGELEK	+2y3	493.30	389.24	67.1
1818	OAF	Q86UD1	FWLEQGVDSSVFEALPK	+2y13	976.49	1376.71	102.3
1819	OAF	Q86UD1	FWLEQGVDSSVFEALPK	+2y12	976.49	1248.65	102.3
1820	OAF	Q86UD1	FWLEQGVDSSVFEALPK	+2y11	976.49	1191.63	102.3
1821	OAF	Q86UD1	FWLEQGVDSSVFEALPK	+2y10	976.49	1092.56	102.3
1822	OAF	Q86UD1	FWLEQGVDSSVFEALPK	+2y6	976.49	704.40	102.3
1823	OAF	Q86UD1	ASEQAELPR	+2y7	500.76	842.44	67.6
1824	OAF	Q86UD1	ASEQAELPR	+2y6	500.76	713.39	67.6
1825	OAF	Q86UD1	ASEQAELPR	+2y5	500.76	585.34	67.6
1826	OAF	Q86UD1	ASEQAELPR	+2y4	500.76	514.30	67.6
1827	OAF	Q86UD1	ASEQAELPR	+2y3	500.76	385.26	67.6
1828	OAF	Q86UD1	SYSFDFYVPQR	+2y7	704.83	924.46	82.5
1829	OAF	Q86UD1	SYSFDFYVPQR	+2y6	704.83	809.43	82.5
1830	OAF	Q86UD1	SYSFDFYVPQR	+2y5	704.83	662.36	82.5
1831	OAF	Q86UD1	SYSFDFYVPQR	+2y4	704.83	499.30	82.5
1832	OAF	Q86UD1	SYSFDFYVPQR	+2y3	704.83	400.23	82.5
1833	SERPINI1	Q99574	QEVPLATLEPLVK	+2y11	718.92	1179.73	83.5
1834	SERPINI1	Q99574	QEVPLATLEPLVK	+2y10	718.92	1080.67	83.5
1835	SERPINI1	Q99574	QEVPLATLEPLVK	+2y8	718.92	870.53	83.5
1836	SERPINI1	Q99574	QEVPLATLEPLVK	+2y7	718.92	799.49	83.5
1837	SERPINI1	Q99574	QEVPLATLEPLVK	+2y4	718.92	456.32	83.5

1838	SERPINI1	Q99574	AQLVEEWANSVK	+2y10	687.36	1174.61	81.2
1839	SERPINI1	Q99574	AQLVEEWANSVK	+2y9	687.36	1061.53	81.2
1840	SERPINI1	Q99574	AQLVEEWANSVK	+2y8	687.36	962.46	81.2
1841	SERPINI1	Q99574	AQLVEEWANSVK	+2y7	687.36	833.42	81.2
1842	SERPINI1	Q99574	AQLVEEWANSVK	+2y6	687.36	704.37	81.2
1843	SERPINI1	Q99574	ALGITEIFIK	+2y8	552.84	920.55	71.4
1844	SERPINI1	Q99574	ALGITEIFIK	+2y7	552.84	863.52	71.4
1845	SERPINI1	Q99574	ALGITEIFIK	+2y6	552.84	750.44	71.4
1846	SERPINI1	Q99574	ALGITEIFIK	+2y5	552.84	649.39	71.4
1847	SERPINI1	Q99574	ALGITEIFIK	+2y3	552.84	407.27	71.4
1848	RTBDN	K7EKV3	SQQHHGLAADLGK	+2y10	681.35	1018.54	80.8
1849	RTBDN	K7EKV3	SQQHHGLAADLGK	+2y9	681.35	881.48	80.8
1850	RTBDN	K7EKV3	SQQHHGLAADLGK	+2y8	681.35	744.43	80.8
1851	RTBDN	K7EKV3	SQQHHGLAADLGK	+2y7	681.35	687.40	80.8
1852	RTBDN	K7EKV3	SQQHHGLAADLGK	+2y6	681.35	574.32	80.8
1853	RTBDN	K7EKV3	SQQHHGLAADLGK	+2y5	681.35	503.28	80.8
1854	FRZB	Q92765	NNYNYVIR	+2y6	528.27	827.44	69.6
1855	FRZB	Q92765	NNYNYVIR	+2y5	528.27	664.38	69.6
1856	FRZB	Q92765	NNYNYVIR	+2y4	528.27	550.33	69.6
1857	FRZB	Q92765	NNYNYVIR	+2y3	528.27	387.27	69.6
1858	FRZB	Q92765	SSLVNIPR	+2y6	443.26	711.45	63.4
1859	FRZB	Q92765	SSLVNIPR	+2y5	443.26	598.37	63.4
1860	FRZB	Q92765	SSLVNIPR	+2y4	443.26	499.30	63.4
1861	FRZB	Q92765	SSLVNIPR	+2y3	443.26	385.26	63.4
1862	FRZB	Q92765	LLLVEGSIAEK	+2y9	586.35	945.53	73.9
1863	FRZB	Q92765	LLLVEGSIAEK	+2y8	586.35	832.44	73.9
1864	FRZB	Q92765	LLLVEGSIAEK	+2y7	586.35	733.37	73.9
1865	FRZB	Q92765	LLLVEGSIAEK	+2y6	586.35	604.33	73.9
1866	FRZB	Q92765	LLLVEGSIAEK	+2y5	586.35	547.31	73.9
1867	WIF1	Q9Y5W5	QHTPSLK	+2y6	405.73	682.39	60.7
1868	WIF1	Q9Y5W5	QHTPSLK	+2y5	405.73	545.33	60.7
1869	WIF1	Q9Y5W5	QHTPSLK	+2y4	405.73	444.28	60.7
1870	WIF1	Q9Y5W5	QHTPSLK	+2y3	405.73	347.23	60.7

CE^{f)}	MASCOT^{g)}
35.9	X
22.2	X
22.2	X
22.2	X
46.6	O
32.1	O
27.9	X
41.7	X
50.9	X
31.5	X

31.5	X
20.7	X
35.3	X
49.9	X
20.8	X
25.6	X
27.4	X
19.1	X
31.8	O
20.6	O
18.7	X
18.7	X
18.7	X
26.8	X

40.4	O
57.4	X
23.5	X
26	X
61.2	X
50.1	X
30.4	X
42.4	X
35.9	X
32.5	X
26.8	O
26.8	O

26.8	O
26.8	O
26.8	O
23.8	O
50.2	X
57.5	X
24.3	O
33.8	O
57.1	X
38.9	X
32.6	X
20.9	X
27.6	X
27.6	X

27.6	X
27.6	X
27.6	X
49.7	X
30.6	X
24.8	X
46.3	X
28.3	X
23.5	X
40.3	O
29.8	O
31.4	X
20.7	X
20.7	X
20.7	X

29.9	X
28	X
46.8	X
18.4	X
49.6	X
27.9	O
22.8	X
44.6	X
19.5	X
26.9	X
57.8	X
57.8	X
57.8	X

57.8	X
57.8	X
36.5	O
21.7	X
23.5	O
22.6	O
54.1	X
24.9	O
43	O
41.9	X
58.6	X

28.1	X
60.3	X
23.1	X
25.5	X
39.1	O
25.1	O
40.6	X
29.7	X
53	X
44.9	X
16.4	O
33.4	X
33.4	X

33.4	X
33.4	X
33.4	X
48.1	X
17.4	X
23.3	X
32.1	X
38.8	X
21.4	X
27.9	X
18.9	X
39.4	X
40.4	X

52.9	O
37.7	X
40.3	X
20	O
20	O
20	O
20.7	X
25.1	O
28.3	X
21.4	X
29.9	O
29	X
49.2	O

23	X
23	X
21.9	X
33	X
39.1	X
30.1	X
50	X
31.1	X
30.7	X
25.8	O
40.3	X
53.9	X
53.9	X
53.9	X

53.9	X
53.9	X
39.7	O
36.7	X
41.4	X
37.9	X
40.6	X
46.1	X
21.9	X
46.2	X
23.7	X
33.1	X

33.1	X
31.1	X
25.2	X
25.2	X
52.6	X
59.4	X
41.2	X
50.3	X
50.7	O
28.8	O
50.5	X
24.1	O
44.5	X
44.5	X

44.5	X
44.5	X
44.5	X
27.5	X
35.3	X
34.5	X
38.7	X
44.1	X
25	X
24.9	O
35.9	X
26.3	X
35.5	O
35.5	O

35.5	O
35.5	O
35.5	O
32.5	X
43.8	X
49.2	O
39.8	X
37.2	X
33	X
38.4	X
28.4	X
32.4	X
34.2	X
34.2	X

34.2	X
34.2	X
34.2	X
41.2	X
34.4	X
35.9	X
57.4	X
39.8	X
24.6	X
40.2	X
48.7	X
24.4	X
32.8	X

52.3	X
39.6	X
30.5	X
40.4	X
27.2	X
24.6	X
36.5	X
18.9	X
29.4	O
23.4	X
24	X
24	X

24	X
24	X
24	X
21.4	X
27.2	X
21.1	X
36.1	X
48.1	X
37.5	X
39.7	X
22.3	X
30.4	X
21.3	X
21.3	X
21.3	X

21.3	X
48.1	X
41.6	X
44.7	X
29.9	X
21.4	X
56.7	X
19.8	O
45.1	O
21	X
38.5	X
27.5	X
27.5	X

27.5	X
27.5	X
27.5	X
23.4	X
38	X
38.3	O
38	X
23.2	X
33.2	X
40.4	X
20.2	X
53.8	X
42.3	X

26.1	O
44.7	X
32.2	X
26.9	X
33.1	X
21.3	X
22	O
32.5	X
20.2	X
20.2	X
20.2	X
32.1	O
35.1	X

35.1	X
27.8	X
43.7	X
30.8	X
38.2	X
47.8	X
20.2	X
47	X
52	X
28.3	O
21.8	X

21.8	X
14.2	X
14.2	X
14.2	X
21.1	X
33.7	X
21.1	X
42.7	O
36.3	O
47.4	X
28.8	X
36.8	X
24.5	X
29.8	X
29.8	X

29.8	X
29.8	X
29.8	X
58.1	X
30.7	X
53.1	X
25.1	X
37.3	X
61.4	X
28	O
47.2	X
26.4	X
26.4	X

26.4	X
26.4	X
26.4	X
22.4	X
43.3	X
23.8	X
23.9	O
29.1	O
31	X
24.1	X
42.4	X
30.1	X
33.4	X
33.4	X

33.4	X
33.4	X
33.4	X
37.8	X
31.8	X
45.4	X
41	X
42	X
43.3	X
30.7	X
25	X
23.6	X
20.3	X
20.3	X

31	X
37.1	X
33	X
40	X
38.3	X
24.8	X
20.4	O
18.1	O
18.1	O
18.1	O
51.2	X
22.4	X
19.1	X
19.1	X
19.1	X

19.1	X
19.7	X
32.4	X
49.2	X
39.5	X
37.8	X
23.9	X
51.4	X
24.3	X
35.9	X
36.7	X

34.9	X
27.2	X
34.6	X
25.8	X
21	X
29.2	X
18.9	X
