

**Supplementary table 1**

Summary of peptides identified from Dp427

Dataset name	Peptide location	Mass	Peptide sequence	Phosphorylated residue	
KB003	24-31	992.51	<a href="#">WINAQFSK</a>		
KB006	24-31	992.51	<a href="#">WINAQFSK</a>		
KB013	24-31	992.51	<a href="#">WINAQFSK</a>		
KB012	25-32	953.5	<a href="#">INAQFSKF</a>		
KB021	33-41	1070.55	<a href="#">GKQHIDNLF</a>		
KB004	35-48	1628.78	<a href="#">QHIDNLFSDLQDGK</a>		
KB004	35-49	1784.88	<a href="#">QHIDNLFSDLQDGKR</a>		
KB017	42-51	1143.62	<a href="#">SDLQDGKRLL</a>		
KB018	42-51	1143.62	<a href="#">SDLQDGKRLL</a>		
KB021	42-51	1143.62	<a href="#">SDLQDGKRLL</a>		
KB003	50-61	1298.74	<a href="#">LLDLLEGLTGQK</a>		
KB004	50-61	1298.74	<a href="#">LLDLLEGLTGQK</a>		
KB017	73-81	955.55	<a href="#">ALNNVNKAL</a>		
KB003	87-105	2023	<a href="#">NNVDLVNIGSTDIVDGNHK</a>		
KB004	87-105	2023	<a href="#">NNVDLVNIGSTDIVDGNHK</a>		
KB017	92-104	1339.64	<a href="#">VNIGSTDIVDGNH</a>		
KB017	92-106	1580.82	<a href="#">VNIGSTDIVDGNHKL</a>		
KB004	90-105	1695.84	<a href="#">DLVNIGSTDIVDGNHK</a>		
KB003	126-138	1419.7	<a href="#">TIMAGLQQTNSEK</a>		
KB006	126-138	1419.7	<a href="#">TIMAGLQQTNSEK</a>		
KB003	139-145	885.54	<a href="#">ILLSWVR</a>		
KB013	139-145	885.54	<a href="#">ILLSWVR</a>		
KB017	147-159	1550.78	<a href="#">STRNYPQVNVINF</a>		
KB018	147-159	1550.78	<a href="#">STRNYPQVNVINF</a>		
KB021	149-159	1362.7	<a href="#">RNYPQVNVINF</a>		
KB021	160-170	1149.53	<a href="#">TSSWSDGLALN</a>		
KB021	182-190	1070.48	<a href="#">DWNSVVSQH</a>		
KB021	182-194	1457.65	<a href="#">DWNSVVSQHSATQ</a>		
KB003	196-204	1041.56	<a href="#">LEHAFNIAK</a>		
KB004	196-204	1041.56	<a href="#">LEHAFNIAK</a>		

KB006	196-204	1041.56	<a href="#">LEHAFNIAK</a>		
KB008	196-204	1041.56	<a href="#">LEHAFNIAK</a>		
KB013	196-204	1041.56	<a href="#">LEHAFNIAK</a>		
KB003	212-225	1575.77	<a href="#">LLDPEDVATTYPDK</a>		
KB004	212-225	1575.77	<a href="#">LLDPEDVATTYPDK</a>		
KB004	212-226	1703.86	<a href="#">LLDPEDVATTYPDKK</a>		
KB006	212-226	1703.86	<a href="#">LLDPEDVATTYPDKK</a>		
KB004	213-226	1590.78	<a href="#">LDPEDVATTYPDKK</a>		
KB004	214-226	1477.69	<a href="#">DPEDVATTYPDKK</a>		
KB004	215-226	1362.67	<a href="#">PEDVATTYPDKK</a>		
KB004	247-256	1184.62	<a href="#">AIQEVEMLPR</a>		
KB012	309-324	1716.8	<a href="#">VATSDSTQSPYPSQHL</a>		
KB017	309-324	1716.8	<a href="#">VATSDSTQSPYPSQHL</a>		
KB018	309-324	1716.8	<a href="#">VATSDSTQSPYPSQHL</a>		
KB021	309-324	1716.8	<a href="#">VATSDSTQSPYPSQHL</a>		
KB021	325-346	2498.15	<a href="#">EAPRKSLDSSLMETEVNLSY</a>		
KB021	347-356	1174.59	<a href="#">QTALEEVLSW</a>		
KB003	366-378	1416.67	<a href="#">AQGEISNDVEEVK</a>		
KB006	366-378	1416.67	<a href="#">AQGEISNDVEEVK</a>		
KB013	366-378	1416.67	<a href="#">AQGEISNDVEEVK</a>		
KB017	388-397	1131.51	<a href="#">MMDLTSHQGL</a>		
KB018	388-397	1131.51	<a href="#">MMDLTSHQGL</a>		
KB021	388-402	1613.79	<a href="#">MMDLTSHQGLVGNVL</a>		
KB003	412-432	2418.13	<a href="#">GKLSEDEEAEVQEQMNULLNSR</a>		
KB004	412-432	2418.13	<a href="#">GKLSEDEEAEVQEQMNULLNSR</a>		
KB006	412-432	2418.13	<a href="#">GKLSEDEEAEVQEQMNULLNSR</a>		
KB003	414-432	2233.02	<a href="#">LSEDEEAEVQEQMNULLNSR</a>		
KB004	414-432	2233.02	<a href="#">LSEDEEAEVQEQMNULLNSR</a>		
KB006	414-432	2233.02	<a href="#">LSEDEEAEVQEQMNULLNSR</a>		
KB003	450-458	1087.57	<a href="#">VLMDLQNQK</a>		
KB006	450-458	1087.57	<a href="#">VLMDLQNQK</a>		
KB021	458-465	1045.54	<a href="#">KLKELDDW</a>		
KB003	459-468	1259.68	<a href="#">LKELDDWLTK</a>		

KB004	459-468	1259.68	<a href="#">LKELDDWLTK</a>		
KB004	459-472	1774.91	<a href="#">LKELDDWLTKTEER</a>		
KB004	460-468	1146.59	<a href="#">KELDDWLTK</a>		
KB006	461-468	1018.5	<a href="#">ELDDWLTK</a>		
KB004	461-472	1533.73	<a href="#">ELDDWLTKTEER</a>		
KB005	462-471	1248.59	<a href="#">LDDWLKTEE</a>		
KB007	462-471	1248.59	<a href="#">LDDWLKTEE</a>		
KB006	473-489	2004.97	<a href="#">TKKMEEEPFGPDLEDLK</a>		
KB003	475-489	1775.83	<a href="#">KMEEEPFGPDLEDLK</a>		
KB004	475-489	1775.83	<a href="#">KMEEEPFGPDLEDLK</a>		
KB006	475-489	1775.83	<a href="#">KMEEEPFGPDLEDLK</a>		
KB003	476-489	1647.73	<a href="#">MEEEPFGPDLEDLK</a>		
KB004	476-489	1647.73	<a href="#">MEEEPFGPDLEDLK</a>		
KB006	476-489	1647.73	<a href="#">MEEEPFGPDLEDLK</a>		
KB004	482-489	885.44	<a href="#">GPDLEDLK</a>		
KB004	496-508	1612.84	<a href="#">KVLQEDLEQEQVR</a>		
KB003	497-508	1484.75	<a href="#">VLQEDLEQEQVR</a>		
KB013	497-508	1484.75	<a href="#">VLQEDLEQEQVR</a>		
KB012	499-510	1485.71	<a href="#">QEDLEQEQVRVN</a>		
KB017	499-510	1485.71	<a href="#">QEDLEQEQVRVN</a>		
KB017	577-592	1796.86	<a href="#">LSEKEDAMKNIQTSGF</a>		
KB021	577-592	1796.86	<a href="#">LSEKEDAMKNIQTSGF</a>		
KB021	578-592	1683.78	<a href="#">SEKEDAMKNIQTSGF</a>		
KB003	586-604	2194.01	<a href="#">NIQTSGFKDQNMSSSLHK</a>		
KB004	586-604	2194.01	<a href="#">NIQTSGFKDQNMSSSLHK</a>		
KB006	586-604	2194.01	<a href="#">NIQTSGFKDQNMSSSLHK</a>		
KB004	605-614	1158.69	<a href="#">ISTLKIDLEK</a>		
KB017	609-622	1699.99	<a href="#">KIDLEKKKPTMEKL</a>		
KB004	622-634	1400.79	<a href="#">LSSLNQDLLSALK</a>		
KB021	641-649	1226.55	<a href="#">KMEIWMENF</a>		
KB003	642-652	1453.65	<a href="#">MEIWMENFAQR</a>		
KB004	642-652	1453.65	<a href="#">MEIWMENFAQR</a>		
KB006	642-652	1453.65	<a href="#">MEIWMENFAQR</a>		

KB003	700-712	1466.75	<a href="#">HAQEELPPPPQK</a>		
KB006	700-712	1466.75	<a href="#">HAQEELPPPPQK</a>		
KB006	714-723	1215.66	<a href="#">RQITVDSELR</a>		
KB003	715-723	1059.56	<a href="#">QITVDSELR</a>		
KB006	715-723	1059.56	<a href="#">QITVDSELR</a>		
KB013	715-723	1059.56	<a href="#">QITVDSELR</a>		
KB017	727-736	1213.56	<a href="#">DVDITELHSW</a>		
KB018	727-736	1213.56	<a href="#">DVDITELHSW</a>		
KB021	727-736	1213.56	<a href="#">DVDITELHSW</a>		
KB017	737-749	1465.74	<a href="#">ITRSEAVLQSSEF</a>		
KB018	737-749	1465.74	<a href="#">ITRSEAVLQSSEF</a>		
KB021	737-749	1465.74	<a href="#">ITRSEAVLQSSEF</a>		
KB003	740-753	1584.78	<a href="#">SEAVLQSSEFAVYR</a>		
KB006	740-753	1584.78	<a href="#">SEAVLQSSEFAVYR</a>		
KB004	742-754	1496.8	<a href="#">AVLQSSEFAVYRK</a>		
KB021	753-765	1514.81	<a href="#">RKEGNISDLQEKV</a>		
KB017	753-766	1628.85	<a href="#">RKEGNISDLQEKVN</a>		
KB018	753-766	1628.85	<a href="#">RKEGNISDLQEKVN</a>		
KB003	785-804	2116.02	<a href="#">SAQALVEQMANEGVNAESIR</a>		
KB006	785-804	2116.02	<a href="#">SAQALVEQMANEGVNAESIR</a>		
KB017	800-810	1230.62	<a href="#">AESIRQASEQL</a>		
KB021	811-817	938.42	<a href="#">NSRWTEF</a>		
KB017	822-830	1194.57	<a href="#">SERVNWLEY</a>		
KB021	822-830	1194.57	<a href="#">SERVNWLEY</a>		
KB017	838-849	1495.7	<a href="#">YNQLQQLEQMTT</a>		
KB021	838-854	2023.95	<a href="#">YNQLQQLEQMTTTAENL</a>		
KB021	839-847	1130.54	<a href="#">NQLQQLEQM</a>		
KB017	839-849	1332.63	<a href="#">NQLQQLEQMTT</a>		
KB018	839-849	1332.63	<a href="#">NQLQQLEQMTT</a>		
KB021	839-849	1332.63	<a href="#">NQLQQLEQMTT</a>		
KB021	839-854	1860.89	<a href="#">NQLQQLEQMTTTAENL</a>		
KB017	850-862	1418.76	<a href="#">TAENLLKTQSTTL</a>		
KB017	854-862	1003.59	<a href="#">LLKTQSTTL</a>		

KB003	857-869	1375.72	<a href="#">TQSTTLSEPTAIK</a>		
KB006	857-869	1375.72	<a href="#">TQSTTLSEPTAIK</a>		
KB008	857-869	1375.72	<a href="#">TQSTTLSEPTAIK</a>		
KB013	857-869	1375.72	<a href="#">TQSTTLSEPTAIK</a>		
KB012	863-872	1072.58	<a href="#">SEPTAIKSQL</a>		
KB017	863-872	1072.58	<a href="#">SEPTAIKSQL</a>		
KB005	879-890	1366.76	<a href="#">VNRLSALQPQIE</a>		
KB007	879-890	1366.76	<a href="#">VNRLSALQPQIE</a>		
KB003	882-893	1366.78	<a href="#">LSALQPQIEQLK</a>		
KB004	882-893	1366.78	<a href="#">LSALQPQIEQLK</a>		
KB006	882-893	1366.78	<a href="#">LSALQPQIEQLK</a>		
KB013	882-893	1366.78	<a href="#">LSALQPQIEQLK</a>		
KB017	883-892	1125.6	<a href="#">SALQPQIEQL</a>		
KB021	917-924	1028.48	<a href="#">TNHFNHIF</a>		
KB021	925-938	1632.88	<a href="#">DGVRAKEKELQTIF</a>		
KB021	929-938	1205.67	<a href="#">AKEKELQTIF</a>		
KB004	931-945	1816.94	<a href="#">EKELQTIFDTLPPMR</a>		
KB004	933-945	1559.8	<a href="#">ELQTIFDTLPPMR</a>		
KB003	946-954	1113.51	<a href="#">YQETMSSIR</a>		
KB006	946-954	1113.51	<a href="#">YQETMSSIR</a>		
KB017	947-956	1237.58	<a href="#">QETMSSIRTW</a>		
KB018	947-956	1237.58	<a href="#">QETMSSIRTW</a>		
KB021	947-956	1237.58	<a href="#">QETMSSIRTW</a>		
KB003	955-963	1105.54	<a href="#">TWIQQSESK</a>		
KB018	957-968	1377.71	<a href="#">IQQSESKLSVPY</a>		
KB021	957-968	1377.71	<a href="#">IQQSESKLSVPY</a>		
KB005	962-973	1321.71	<a href="#">SKLSVPYLSVTE</a>		
KB004	964-980	2057	<a href="#">LSVPYLSVTEYEIMEER</a>		
KB012	969-974	710.35	<a href="#">LSVTEY</a>		
KB018	975-984	1216.65	<a href="#">EIMEERLGKL</a>		
KB021	975-984	1216.65	<a href="#">EIMEERLGKL</a>		
KB017	975-985	1344.71	<a href="#">EIMEERLGKLQ</a>		
KB018	975-985	1344.71	<a href="#">EIMEERLGKLQ</a>		

KB021	975-985	1344.71	<a href="#">EIMEERLGKLO</a>		
KB021	975-987	1528.83	<a href="#">EIMEERLGKLOAL</a>		
KB004	984-1006	2610.33	<a href="#">LQALQSSLKEQQNGFNYSDTVK</a>		
KB003	984-992	986.58	<a href="#">LQALQSSLK</a>		
KB006	984-992	986.58	<a href="#">LQALQSSLK</a>		
KB021	985-998	1576.78	<a href="#">QALQSSLKEQQNGF</a>		
KB018	986-998	1448.73	<a href="#">ALQSSLKEQQNGF</a>		
KB021	986-998	1448.73	<a href="#">ALQSSLKEQQNGF</a>		
KB003	993-1006	1641.76	<a href="#">EQQNGFNYSDTVK</a>		
KB004	993-1006	1641.76	<a href="#">EQQNGFNYSDTVK</a>		
KB006	993-1006	1641.76	<a href="#">EQQNGFNYSDTVK</a>		
KB013	993-1006	1641.76	<a href="#">EQQNGFNYSDTVK</a>		
KB004	993-1010	2100.98	<a href="#">EQQNGFNYSDTVKEMAK</a>		
KB012	999-1007	1067.51	<a href="#">NYSDTVKE</a>		
KB012	999-1008	1198.55	<a href="#">NYSDTVKEM</a>		
KB017	999-1008	1198.55	<a href="#">NYSDTVKEM</a>		
KB018	999-1008	1198.55	<a href="#">NYSDTVKEM</a>		
KB021	999-1008	1198.55	<a href="#">NYSDTVKEM</a>		
KB021	1021-1031	1374.61	<a href="#">LSEFEEIEGHW</a>		
KB021	1022-1031	1261.53	<a href="#">SEFEEIEGHW</a>		
KB018	1073-1086	1582.82	<a href="#">LKEEWPALGDAEIL</a>		
KB021	1073-1086	1582.82	<a href="#">LKEEWPALGDAEIL</a>		
KB003	1075-1087	1469.74	<a href="#">EEWPALGDAEILK</a>		
KB004	1075-1087	1469.74	<a href="#">EEWPALGDAEILK</a>		
KB004	1078-1088	1153.67	<a href="#">PALGDAEILKK</a>		
KB004	1095-1116	2309.22	<a href="#">LLVGDIQTIQPSLNSVNEGGQK</a>		
KB021	1109-1125	1863.92	<a href="#">SVNEGGQKIKSEAELEF</a>		
KB003	1117-1128	1378.71	<a href="#">IKSEAELEFASR</a>		
KB004	1117-1128	1378.71	<a href="#">IKSEAELEFASR</a>		
KB006	1117-1128	1378.71	<a href="#">IKSEAELEFASR</a>		
KB003	1119-1128	1137.53	<a href="#">SEAELEFASR</a>		
KB006	1119-1128	1137.53	<a href="#">SEAELEFASR</a>		
KB013	1119-1128	1137.53	<a href="#">SEAELEFASR</a>		

KB021	1130-1140	1417.68	<a href="#">ETELRELNTQW</a>		
KB004	1135-1145	1413.65	<a href="#">ELNTQWDHICR</a>	ELNpT	T1138
KB017	1155-1165	1158.66	<a href="#">KAGLDKTVSLQ</a>		
KB003	1167-1185	2425.02	<a href="#">DLSEMHEWMTQAEERYLER</a>		
KB004	1167-1185	2425.02	<a href="#">DLSEMHEWMTQAEERYLER</a>		
KB006	1167-1185	2425.02	<a href="#">DLSEMHEWMTQAEERYLER</a>		
KB021	1175-1187	1659.71	<a href="#">MTQAEERYLERDF</a>		
KB021	1175-1189	1951.81	<a href="#">MTQAEERYLERDFEY</a>		
KB021	1176-1189	1820.77	<a href="#">TQAEERYLERDFEY</a>		
KB007	1182-1188	970.44	<a href="#">YLERDFE</a>		
KB005	1182-1201	2474.15	<a href="#">YLERDFEYKTPDELQTAVEE</a>		
KB012	1183-1189	970.44	<a href="#">LERDFEY</a>		
KB021	1183-1189	970.44	<a href="#">LERDFEY</a>		
KB004	1186-1203	2171.99	<a href="#">DFEYKTPDELQTAVEEMK</a>		
KB004	1186-1204	2328.09	<a href="#">DFEYKTPDELQTAVEEMKR</a>		
KB021	1188-1202	1781.8	<a href="#">EYKTPDELQTAVEEM</a>		
KB005	1189-1201	1521.72	<a href="#">YKTPDELQTAVEE</a>		
KB007	1189-1201	1521.72	<a href="#">YKTPDELQTAVEE</a>		
KB012	1190-1200	1229.61	<a href="#">KTPDELQTAVE</a>		
KB017	1190-1202	1489.7	<a href="#">KTPDELQTAVEEM</a>		
KB018	1190-1202	1489.7	<a href="#">KTPDELQTAVEEM</a>		
KB021	1190-1202	1489.7	<a href="#">KTPDELQTAVEEM</a>		
KB006	1191-1203	1489.7	<a href="#">TPDELQTAVEEMK</a>		
KB013	1191-1203	1489.7	<a href="#">TPDELQTAVEEMK</a>		
KB003	1191-1204	1645.8	<a href="#">TPDELQTAVEEMKR</a>		
KB006	1191-1204	1645.8	<a href="#">TPDELQTAVEEMKR</a>		
KB013	1191-1204	1645.8	<a href="#">TPDELQTAVEEMKR</a>		
KB005	1222-1236	1519.76	<a href="#">TVNSVIAHAPPSAQE</a>		
KB007	1222-1236	1519.76	<a href="#">TVNSVIAHAPPSAQE</a>		
KB017	1225-1238	1389.73	<a href="#">SVIAHAPPSAQEAL</a>		
KB017	1239-1249	1338.7	<a href="#">KKELETLTTNY</a>		
KB018	1239-1249	1338.7	<a href="#">KKELETLTTNY</a>		
KB021	1275-1283	1137.58	<a href="#">SYLEKANKW</a>		

KB004	1280-1290	1342.72	<a href="#">ANKWLNEVELK</a>		
KB003	1283-1290	1029.55	<a href="#">WLNEVELK</a>		
KB006	1283-1290	1029.55	<a href="#">WLNEVELK</a>		
KB008	1283-1290	1029.55	<a href="#">WLNEVELK</a>		
KB013	1283-1290	1029.55	<a href="#">WLNEVELK</a>		
KB017	1295-1308	1495.74	<a href="#">ENVPAGPEEITEVL</a>		
KB004	1327-1352	2907.42	<a href="#">LLAQLTDGGVMDELINEELETFNSR</a>		
KB021	1329-1349	2324.07	<a href="#">AQLTDGGVMDELINEELETF</a>		
KB004	1329-1352	2681.25	<a href="#">AQLTDGGVMDELINEELETFNSR</a>		
KB021	1333-1349	1910.85	<a href="#">TDGGVMDELINEELETF</a>		
KB006	1353-1362	1323.67	<a href="#">WRELHEEAVR</a>		
KB006	1353-1363	1451.76	<a href="#">WRELHEEAVRK</a>		
KB004	1364-1379	1871	<a href="#">QKLEQSIQSAQEIEK</a>		
KB003	1366-1379	1614.85	<a href="#">LLEQSIQSAQEIEK</a>		
KB004	1366-1379	1614.85	<a href="#">LLEQSIQSAQEIEK</a>		
KB006	1366-1379	1614.85	<a href="#">LLEQSIQSAQEIEK</a>		
KB017	1373-1381	1003.52	<a href="#">SAQEIEKSL</a>		
KB003	1380-1393	1670.89	<a href="#">SLHLIQESLEFIDK</a>		
KB018	1389-1398	1196.61	<a href="#">EFIDKQLAAY</a>		
KB021	1389-1398	1196.61	<a href="#">EFIDKQLAAY</a>		
KB012	1391-1398	920.5	<a href="#">IDKQLAAY</a>		
KB004	1394-1414	2318.16	<a href="#">QLAAYITDKVDAAQMPQEAQK</a>		
KB012	1399-1410	1315.64	<a href="#">ITDKVDAAQMPQ</a>		
KB017	1399-1410	1315.64	<a href="#">ITDKVDAAQMPQ</a>		
KB018	1399-1410	1315.64	<a href="#">ITDKVDAAQMPQ</a>		
KB021	1399-1410	1315.64	<a href="#">ITDKVDAAQMPQ</a>		
KB017	1399-1413	1643.78	<a href="#">ITDKVDAAQMPQEAQ</a>		
KB018	1399-1413	1643.78	<a href="#">ITDKVDAAQMPQEAQ</a>		
KB021	1399-1416	2013.02	<a href="#">ITDKVDAAQMPQEAQKIQ</a>		
KB018	1399-1419	2328.16	<a href="#">ITDKVDAAQMPQEAQKIQSDL</a>		
KB021	1399-1419	2328.16	<a href="#">ITDKVDAAQMPQEAQKIQSDL</a>		
KB003	1415-1430	1858.9	<a href="#">IQSDLTSHEISLEEMK</a>		
KB004	1415-1430	1858.9	<a href="#">IQSDLTSHEISLEEMK</a>		



KB006	1415-1430	1858.9	<a href="#">IQSDLTSHEISLEEMK</a>		
KB003	1415-1431	1986.99	<a href="#">IQSDLTSHEISLEEMKK</a>		
KB004	1415-1431	1986.99	<a href="#">IQSDLTSHEISLEEMKK</a>		
KB006	1415-1431	1986.99	<a href="#">IQSDLTSHEISLEEMKK</a>		
KB004	1416-1431	1873.91	<a href="#">QSDLTSHEISLEEMKK</a>		
KB003	1442-1451	1099.62	<a href="#">VLSQIDVAQK</a>		
KB006	1442-1451	1099.62	<a href="#">VLSQIDVAQK</a>		
KB008	1442-1451	1099.62	<a href="#">VLSQIDVAQK</a>		
KB013	1442-1451	1099.62	<a href="#">VLSQIDVAQK</a>		
KB017	1444-1453	1128.65	<a href="#">SQIDVAQKKL</a>		
KB017	1452-1460	1094.58	<a href="#">KLQDVSMKF</a>		
KB018	1452-1460	1094.58	<a href="#">KLQDVSMKF</a>		
KB021	1452-1460	1094.58	<a href="#">KLQDVSMKF</a>		
KB004	1462-1472	1376.72	<a href="#">LFQKPANFEQR</a>		
KB006	1462-1472	1376.72	<a href="#">LFQKPANFEQR</a>		
KB013	1462-1472	1376.72	<a href="#">LFQKPANFEQR</a>		
KB004	1463-1472	1263.64	<a href="#">FQKPANFEQR</a>		
KB004	1473-1484	1432.75	<a href="#">LEESKMILDEVK</a>		
KB006	1473-1484	1432.75	<a href="#">LEESKMILDEVK</a>		
KB003	1478-1484	846.45	<a href="#">MILDEVK</a>		
KB006	1478-1484	846.45	<a href="#">MILDEVK</a>		
KB013	1478-1484	846.45	<a href="#">MILDEVK</a>		
KB017	1512-1523	1364.69	<a href="#">KSLSEVKSEVEM</a>		
KB018	1512-1523	1364.69	<a href="#">KSLSEVKSEVEM</a>		
KB003	1519-1526	933.48	<a href="#">SEVEMVIK</a>		
KB006	1519-1526	933.48	<a href="#">SEVEMVIK</a>		
KB013	1519-1526	933.48	<a href="#">SEVEMVIK</a>		
KB017	1534-1550	1998.07	<a href="#">KKQTENPKELDERVTAL</a>		
KB017	1551-1557	915.48	<a href="#">KLHYNEL</a>		
KB021	1579-1588	1304.65	<a href="#">RKEMNVLTEW</a>		
KB004	1580-1598	2192.1	<a href="#">KEMNVLTEWLAATDELTK</a>		
KB004	1581-1598	2064.01	<a href="#">EMNVLTEWLAATDELTK</a>		
KB004	1581-1599	2220.11	<a href="#">EMNVLTEWLAATDELTKR</a>		

KB021	1589-1607	1975.99	<a href="#">LAATDELTKRSAVEGMPS</a>		
KB021	1597-1615	2075.99	<a href="#">TKRSAVEGMPSNLDSEVAW</a>		
KB021	1599-1615	1846.85	<a href="#">RSAVEGMPSNLDSEVAW</a>		
KB021	1600-1615	1690.75	<a href="#">SAVEGMPSNLDSEVAW</a>		
KB003	1600-1617	1875.87	<a href="#">SAVEGMPSNLDSEVAWGK</a>		
KB006	1600-1617	1875.87	<a href="#">SAVEGMPSNLDSEVAWGK</a>		
KB021	1616-1630	1707.96	<a href="#">GKATQKEIEKQKAHL</a>		
KB017	1630-1640	1174.64	<a href="#">LKSVELGESL</a>		
KB017	1631-1640	1061.56	<a href="#">KSVTELGESL</a>		
KB003	1632-1641	1061.56	<a href="#">SVTELGESLK</a>		
KB006	1632-1641	1061.56	<a href="#">SVTELGESLK</a>		
KB008	1632-1641	1061.56	<a href="#">SVTELGESLK</a>		
KB013	1632-1641	1061.56	<a href="#">SVTELGESLK</a>		
KB017	1643-1655	1470.87	<a href="#">VLGKKETLVEDKL</a>		
KB017	1645-1655	1258.71	<a href="#">GKKETLVEDKL</a>		
KB021	1663-1672	1188.61	<a href="#">IAVTSRVEEW</a>		
KB004	1682-1695	1732.81	<a href="#">HMETFDQNIQITK</a>		
KB017	1687-1696	1273.63	<a href="#">DQNIQITKW</a>		
KB018	1687-1696	1273.63	<a href="#">DQNIQITKW</a>		
KB021	1687-1696	1273.63	<a href="#">DQNIQITKW</a>		
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KB004	1697-1709	1510.75	<a href="#">IIHADELLDESEK</a>		
KB004	1753-1764	1410.78	<a href="#">KVVEPQISELNR</a>		
KB006	1753-1764	1410.78	<a href="#">KVVEPQISELNR</a>		
KB004	1753-1765	1566.88	<a href="#">KVVEPQISELNRR</a>		
KB003	1754-1764	1282.69	<a href="#">VVEPQISELNR</a>		
KB006	1754-1764	1282.69	<a href="#">VVEPQISELNR</a>		
KB013	1754-1764	1282.69	<a href="#">VVEPQISELNR</a>		
KB004	1778-1794	1959.03	<a href="#">ASIPLKELEQFNSDIQK</a>		
KB004	1781-1794	1687.88	<a href="#">PLKELEQFNSDIQK</a>		
KB003	1784-1794	1349.65	<a href="#">ELEQFNSDIQK</a>		
KB004	1784-1794	1349.65	<a href="#">ELEQFNSDIQK</a>		
KB006	1784-1794	1349.65	<a href="#">ELEQFNSDIQK</a>		

KB013	1784-1794	1349.65	<a href="#">ELEQFNSDIQK</a>		
KB004	1795-1804	1153.62	<a href="#">LLEPLEAEIQ</a>		
KB004	1795-1808	1551.81	<a href="#">LLEPLEAEIQQGVN</a>		
KB004	1795-1810	1792.99	<a href="#">LLEPLEAEIQQGVNLK</a>		
KB007	1803-1828	2981.32	<a href="#">IQQGVNLKEEDFNKDMSEDNEGTVNE</a>		
KB004	1811-1832	2611.13	<a href="#">EEDFNKDMSEDNEGTVNELLQR</a>		
KB006	1811-1832	2611.13	<a href="#">EEDFNKDMSEDNEGTVNELLQR</a>		
KB004	1817-1832	1848.82	<a href="#">DMSSEDNEGTVNELLQR</a>		
KB006	1817-1832	1848.82	<a href="#">DMSSEDNEGTVNELLQR</a>		
KB021	1874-1882	1145.55	<a href="#">ALEISHQWY</a>		
KB004	1874-1885	1564.77	<a href="#">ALEISHQWYQYK</a>		
KB004	1876-1885	1380.65	<a href="#">EISHQWYQYK</a>		
KB006	1901-1909	1009.59	<a href="#">KLASLPEPR</a>		
KB004	1913-1923	1398.82	<a href="#">KLKEIDRELQK</a>		
KB006	1913-1923	1398.82	<a href="#">KLKEIDRELQK</a>		
KB013	1914-1923	1270.72	<a href="#">LKEIDRELQK</a>		
KB003	1934-1956	2371.17	<a href="#">QAEGLSENGAAMAVEPTQIQLSK</a>		
KB004	1934-1956	2371.17	<a href="#">QAEGLSENGAAMAVEPTQIQLSK</a>		
KB006	1934-1956	2371.17	<a href="#">QAEGLSENGAAMAVEPTQIQLSK</a>		
KB004	1934-1957	2527.27	<a href="#">QAEGLSENGAAMAVEPTQIQLSKR</a>		
KB004	1946-1956	1212.67	<a href="#">AVEPTQIQLSK</a>		
KB017	1959-1968	1238.6	<a href="#">RQIESNFAQF</a>		
KB018	1959-1968	1238.6	<a href="#">RQIESNFAQF</a>		
KB021	1959-1968	1238.6	<a href="#">RQIESNFAQF</a>		
KB003	1960-1969	1238.6	<a href="#">QIESNFAQFR</a>		
KB004	1960-1969	1238.6	<a href="#">QIESNFAQFR</a>		
KB006	1960-1969	1238.6	<a href="#">QIESNFAQFR</a>		
KB013	1960-1969	1238.6	<a href="#">QIESNFAQFR</a>		
KB021	1980-1997	2094.91	<a href="#">HEETMVVTTEDMPLDVSY</a>		
KB005	1990-2005	1828.84	<a href="#">DMPLDVSYVPSTYLTE</a>		
KB021	2003-2010	924.53	<a href="#">LTEISHIL</a>		
KB005	2006-2015	1109.61	<a href="#">ISHILQALSE</a>		
KB017	2011-2020	1123.59	<a href="#">QALSEVDHLL</a>		

KB003	2029-2035	912.42	<a href="#">DFEDLFK</a>		
KB013	2029-2035	912.42	<a href="#">DFEDLFK</a>		
KB003	2029-2041	1626.78	<a href="#">DFEDLFKQEESLK</a>		
KB004	2029-2041	1626.78	<a href="#">DFEDLFKQEESLK</a>		
KB006	2029-2041	1626.78	<a href="#">DFEDLFKQEESLK</a>		
KB004	2032-2041	1235.64	<a href="#">DLFKQEESLK</a>		
KB004	2042-2053	1384.74	<a href="#">NIKDNLQQISGR</a>		
KB006	2042-2053	1384.74	<a href="#">NIKDNLQQISGR</a>		
KB003	2062-2073	1236.6	<a href="#">TAALQSATSMEK</a>		
KB006	2074-2089	1805.9	<a href="#">VKVQEAVAQMDFQGEK</a>		
KB013	2074-2089	1805.9	<a href="#">VKVQEAVAQMDFQGEK</a>		
KB003	2076-2089	1578.73	<a href="#">VQEAVAQMDFQGEK</a>		
KB006	2076-2089	1578.73	<a href="#">VQEAVAQMDFQGEK</a>		
KB008	2076-2089	1578.73	<a href="#">VQEAVAQMDFQGEK</a>		
KB013	2076-2089	1578.73	<a href="#">VQEAVAQMDFQGEK</a>		
KB013	2110-2116	976.42	<a href="#">HFHYDMK</a>		
KB021	2112-2118	938.43	<a href="#">HYDMKVF</a>		
KB021	2119-2128	1305.6	<a href="#">NQWLNEVEQF</a>		
KB017	2122-2129	1024.49	<a href="#">LNEVEQFF</a>		
KB018	2122-2129	1024.49	<a href="#">LNEVEQFF</a>		
KB021	2122-2129	1024.49	<a href="#">LNEVEQFF</a>		
KB017	2130-2143	1771.86	<a href="#">KKTQNPENWEHAKY</a>		
KB018	2130-2143	1771.86	<a href="#">KKTQNPENWEHAKY</a>		
KB021	2130-2143	1771.86	<a href="#">KKTQNPENWEHAKY</a>		
KB003	2132-2142	1352.61	<a href="#">TQNPENWEHAK</a>		
KB018	2146-2156	1262.65	<a href="#">YLKELQDGIGQ</a>		
KB021	2146-2156	1262.65	<a href="#">YLKELQDGIGQ</a>		
KB017	2146-2158	1546.81	<a href="#">YLKELQDGIGQRQ</a>		
KB021	2146-2158	1546.81	<a href="#">YLKELQDGIGQRQ</a>		
KB018	2147-2156	1099.59	<a href="#">LKELQDGIGQ</a>		
KB021	2147-2156	1099.59	<a href="#">LKELQDGIGQ</a>		
KB017	2147-2158	1383.75	<a href="#">LKELQDGIGQRQ</a>		
KB018	2147-2158	1383.75	<a href="#">LKELQDGIGQRQ</a>		

KB021	2147-2161	1652.92	<a href="#">LKEIQDGIGQRQAVV</a>		
KB021	2147-2162	1809.02	<a href="#">LKEIQDGIGQRQAVVR</a>		
KB003	2163-2177	1617.82	<a href="#">TLNATGEEIIQQSSK</a>		
KB006	2163-2177	1617.82	<a href="#">TLNATGEEIIQQSSK</a>		
KB008	2163-2177	1617.82	<a href="#">TLNATGEEIIQQSSK</a>		
KB013	2163-2177	1617.82	<a href="#">TLNATGEEIIQQSSK</a>		
KB017	2165-2181	1832.88	<a href="#">NATGEEIIQQSSKTDVN</a>		
KB003	2178-2186	1058.56	<a href="#">TDVNILQEK</a>		
KB006	2178-2186	1058.56	<a href="#">TDVNILQEK</a>		
KB008	2178-2186	1058.56	<a href="#">TDVNILQEK</a>		
KB013	2178-2186	1058.56	<a href="#">TDVNILQEK</a>		
KB004	2208-2220	1618.83	<a href="#">IEEQKNVLSEFQR</a>		
KB006	2208-2220	1618.83	<a href="#">IEEQKNVLSEFQR</a>		
KB003	2213-2220	991.51	<a href="#">NVLSEFQR</a>		
KB004	2213-2220	991.51	<a href="#">NVLSEFQR</a>		
KB006	2213-2220	991.51	<a href="#">NVLSEFQR</a>		
KB013	2213-2220	991.51	<a href="#">NVLSEFQR</a>		
KB017	2216-2225	1283.58	<a href="#">SEFQRDLNEF</a>		
KB005	2232-2251	2224.12	<a href="#">ADNIAITPLGDEEQLKEQLE</a>		
KB007	2232-2251	2224.12	<a href="#">ADNIAITPLGDEEQLKEQLE</a>		
KB017	2247-2255	1113.64	<a href="#">KEQLEQVKL</a>		
KB003	2255-2263	1052.62	<a href="#">LLAEELPLR</a>		
KB004	2255-2263	1052.62	<a href="#">LLAEELPLR</a>		
KB006	2255-2263	1052.62	<a href="#">LLAEELPLR</a>		
KB008	2255-2263	1052.62	<a href="#">LLAEELPLR</a>		
KB013	2255-2263	1052.62	<a href="#">LLAEELPLR</a>		
KB004	2256-2263	939.54	<a href="#">LAEELPLR</a>		
KB017	2256-2267	1350.79	<a href="#">LAEELPLRQGIL</a>		
KB012	2268-2278	1128.61	<a href="#">KQLNETGGAVL</a>		
KB017	2268-2278	1128.61	<a href="#">KQLNETGGAVL</a>		
KB004	2269-2290	2350.21	<a href="#">QLNETGGAVLVSAPIRPEEQDK</a>		
KB004	2269-2293	2720.43	<a href="#">QLNETGGAVLVSAPIRPEEQDKLEK</a>		
KB004	2269-2294	2848.53	<a href="#">QLNETGGAVLVSAPIRPEEQDKLEKK</a>		

KB005	2273-2292	2108.11	<a href="#">TGGAVLVSAPIRPEEQDKLE</a>		
KB021	2296-2302	916.48	<a href="#">KQTNLQW</a>		
KB003	2297-2304	1029.56	<a href="#">QTNLQWIK</a>		
KB021	2303-2316	1566.91	<a href="#">IKVSRALPEKQGEL</a>		
KB017	2307-2319	1504.8	<a href="#">RALPEKQGELEVH</a>		
KB004	2308-2321	1589.88	<a href="#">ALPEKQGELEVHLK</a>		
KB004	2310-2321	1405.76	<a href="#">PEKQGELEVHLK</a>		
KB021	2324-2333	1279.65	<a href="#">RQLEEQLDHL</a>		
KB021	2337-2347	1344.74	<a href="#">LSPIRNQLIY</a>		
KB003	2342-2359	2061.02	<a href="#">NQLEIYNQPSQAGPFDIK</a>		
KB004	2342-2359	2061.02	<a href="#">NQLEIYNQPSQAGPFDIK</a>		
KB005	2346-2360	1705.83	<a href="#">YNQPSQAGPFDIKE</a>		
KB017	2348-2356	944.44	<a href="#">NQPSQAGPF</a>		
KB021	2357-2366	1181.63	<a href="#">DIKEIEVTVH</a>		
KB017	2367-2376	1127.63	<a href="#">GKQADVERLL</a>		
KB018	2395-2403	1174.6	<a href="#">KLEDLRSEW</a>		
KB003	2401-2411	1352.68	<a href="#">SEWEAVNHLLR</a>		
KB021	2404-2413	1192.66	<a href="#">EAVNHLLREL</a>		
KB004	2421-2445	2403.29	<a href="#">APGLSTTGASASQTVTLVTQSVTK</a>		
KB017	2438-2452	1630.95	<a href="#">VTQSVVKETVISKL</a>		
KB004	2452-2470	2114.11	<a href="#">LEMPSSLLLEVPALADFN</a>		
KB021	2459-2468	1086.6	<a href="#">LLEVPALADF</a>		
KB021	2460-2472	1500.77	<a href="#">LEVPALADFNRAW</a>		
KB017	2480-2487	942.59	<a href="#">SLLDRVIK</a>		
KB017	2488-2502	1734.79	<a href="#">SQRVMVGDLEDINEM</a>		
KB003	2491-2505	1717.86	<a href="#">VMVGDLEDINEMIIK</a>		
KB006	2491-2505	1717.86	<a href="#">VMVGDLEDINEMIIK</a>		
KB006	2506-2516	1328.7	<a href="#">QKATLQDLEQR</a>		
KB013	2506-2516	1328.7	<a href="#">QKATLQDLEQR</a>		
KB003	2508-2516	1072.55	<a href="#">ATLQDLEQR</a>		
KB004	2508-2516	1072.55	<a href="#">ATLQDLEQR</a>		
KB006	2508-2516	1072.55	<a href="#">ATLQDLEQR</a>		
KB008	2508-2516	1072.55	<a href="#">ATLQDLEQR</a>		

KB013	2508-2516	1072.55	<a href="#">ATLQDLEQR</a>		
KB004	2517-2519	399.22	<a href="#">RPQ</a>		
KB004	2550-2564	1925.96	<a href="#">IQIQWDEVQEQLQNR</a>		
KB006	2565-2573	1158.62	<a href="#">RQQLNEMLK</a>		
KB006	2566-2573	1002.52	<a href="#">QQLNEMLK</a>		
KB013	2566-2573	1002.52	<a href="#">QQLNEMLK</a>		
KB017	2569-2578	1250.56	<a href="#">NEMLKDSTQW</a>		
KB018	2569-2578	1250.56	<a href="#">NEMLKDSTQW</a>		
KB021	2569-2578	1250.56	<a href="#">NEMLKDSTQW</a>		
KB017	2570-2578	1136.52	<a href="#">EMLKDSTQW</a>		
KB018	2570-2578	1136.52	<a href="#">EMLKDSTQW</a>		
KB021	2570-2578	1136.52	<a href="#">EMLKDSTQW</a>		
KB003	2574-2582	1076.51	<a href="#">DSTQWLEAK</a>		
KB004	2574-2582	1076.51	<a href="#">DSTQWLEAK</a>		
KB006	2574-2582	1076.51	<a href="#">DSTQWLEAK</a>		
KB013	2574-2582	1076.51	<a href="#">DSTQWLEAK</a>		
KB004	2574-2593	2315.14	<a href="#">DSTQWLEAKEEAEQVIGQR</a>		
KB017	2579-2591	1442.73	<a href="#">LEAKEEAEQVIGQ</a>		
KB021	2579-2591	1442.73	<a href="#">LEAKEEAEQVIGQ</a>		
KB003	2583-2593	1256.64	<a href="#">EEAEQVIGQVR</a>		
KB004	2583-2593	1256.64	<a href="#">EEAEQVIGQVR</a>		
KB006	2583-2593	1256.64	<a href="#">EEAEQVIGQVR</a>		
KB013	2583-2593	1256.64	<a href="#">EEAEQVIGQVR</a>		
KB003	2627-2639	1384.76	<a href="#">QISVDVANDLALK</a>		
KB004	2627-2639	1384.76	<a href="#">QISVDVANDLALK</a>		
KB006	2627-2639	1384.76	<a href="#">QISVDVANDLALK</a>		
KB005	2640-2661	2604.3	<a href="#">LLRDYSADDTRKVMITENINT</a>	DDpT	T2649
KB013	2669-2682	1653.81	<a href="#">RVSEQEAALEETHR</a>		
KB003	2670-2682	1497.71	<a href="#">VSEQEAALEETHR</a>		
KB006	2670-2682	1497.71	<a href="#">VSEQEAALEETHR</a>		
KB008	2670-2682	1497.71	<a href="#">VSEQEAALEETHR</a>		
KB003	2683-2693	1342.75	<a href="#">LLQQFPLDLEK</a>		
KB004	2683-2693	1342.75	<a href="#">LLQQFPLDLEK</a>		

KB017	2685-2694	1263.65	<a href="#">QQFPLDLEKF</a>		
KB018	2685-2694	1263.65	<a href="#">QQFPLDLEKF</a>		
KB021	2685-2694	1263.65	<a href="#">QQFPLDLEKF</a>		
KB021	2695-2706	1334.64	<a href="#">LSWITEAETTAN</a>		
KB021	2695-2708	1546.79	<a href="#">LSWITEAETTANVL</a>		
KB012	2698-2708	1160.59	<a href="#">ITEAETTANVL</a>		
KB021	2698-2708	1160.59	<a href="#">ITEAETTANVL</a>		
KB005	2701-2715	1631.81	<a href="#">AETTANVLQDASRKE</a>		
KB005	2727-2737	1343.65	<a href="#">LMKPWQDLQGE</a>		
KB005	2727-2739	1585.78	<a href="#">LMKPWQDLQGEIE</a>		
KB007	2727-2739	1585.78	<a href="#">LMKPWQDLQGEIE</a>		
KB012	2746-2756	1279.65	<a href="#">HNLDENGQKIL</a>		
KB017	2746-2756	1279.65	<a href="#">HNLDENGQKIL</a>		
KB018	2746-2756	1279.65	<a href="#">HNLDENGQKIL</a>		
KB021	2746-2756	1279.65	<a href="#">HNLDENGQKIL</a>		
KB003	2758-2770	1413.71	<a href="#">SLEGSDEAPLLQR</a>		
KB006	2758-2770	1413.71	<a href="#">SLEGSDEAPLLQR</a>		
KB008	2758-2770	1413.71	<a href="#">SLEGSDEAPLLQR</a>		
KB013	2758-2770	1413.71	<a href="#">SLEGSDEAPLLQR</a>		
KB004	2760-2770	1213.59	<a href="#">EGSDEAPLLQR</a>		
KB021	276-287	1293.66	<a href="#">SQQITVSLAQQY</a>		
KB006	2771-2778	1036.51	<a href="#">RLDNMNFK</a>		
KB021	2788-2800	1541.72	<a href="#">NIRSHLEASSDQW</a>		
KB021	2814-2835	2396.23	<a href="#">LQLKDDELSRQAPIGGDFPAVQ</a>		
KB017	2822-2835	1441.73	<a href="#">SRQAPIGGDFPAVQ</a>		
KB003	2824-2836	1326.69	<a href="#">QAPIGGDFPAVQK</a>		
KB004	2824-2836	1326.69	<a href="#">QAPIGGDFPAVQK</a>		
KB006	2824-2836	1326.69	<a href="#">QAPIGGDFPAVQK</a>		
KB008	2824-2836	1326.69	<a href="#">QAPIGGDFPAVQK</a>		
KB013	2824-2836	1326.69	<a href="#">QAPIGGDFPAVQK</a>		
KB004	2826-2836	1127.6	<a href="#">PIGGDFPAVQK</a>		
KB005	2848-2860	1487.83	<a href="#">LKTKEPVIMSTLE</a>		
KB007	2848-2860	1487.83	<a href="#">LKTKEPVIMSTLE</a>		



KB003	2850-2863	1602.87	<a href="#">TKEPVIMSTLETVR</a>		
KB006	2850-2863	1602.87	<a href="#">TKEPVIMSTLETVR</a>		
KB004	2852-2863	1373.72	<a href="#">EPVIMSTLETVR</a>		
KB006	2852-2863	1373.72	<a href="#">EPVIMSTLETVR</a>		
KB017	2857-2865	1064.59	<a href="#">STLETVRIF</a>		
KB003	2864-2876	1515.82	<a href="#">IFLTEQPLEGLEK</a>		
KB004	2864-2876	1515.82	<a href="#">IFLTEQPLEGLEK</a>		
KB006	2864-2876	1515.82	<a href="#">IFLTEQPLEGLEK</a>		
KB017	2866-2877	1368.75	<a href="#">LTEQPLEGLEKL</a>		
KB021	2866-2877	1368.75	<a href="#">LTEQPLEGLEKL</a>		
KB017	2866-2878	1531.81	<a href="#">LTEQPLEGLEKLY</a>		
KB018	2866-2878	1531.81	<a href="#">LTEQPLEGLEKLY</a>		
KB021	2866-2878	1531.81	<a href="#">LTEQPLEGLEKLY</a>		
KB017	2879-2894	1891.94	<a href="#">QEPRELPPEERAQNV</a>		
KB018	2879-2894	1891.94	<a href="#">QEPRELPPEERAQNV</a>		
KB021	2879-2896	2161.12	<a href="#">QEPRELPPEERAQNVTRL</a>		
KB021	2897-2908	1471.74	<a href="#">LRKQAEVNAEW</a>		
KB004	2899-2914	1941.99	<a href="#">KQAEVNAEWDKLNLR</a>		
KB003	2900-2914	1813.9	<a href="#">QAEVNAEWDKLNLR</a>		
KB004	2900-2914	1813.9	<a href="#">QAEVNAEWDKLNLR</a>		
KB006	2900-2914	1813.9	<a href="#">QAEVNAEWDKLNLR</a>		
KB004	2901-2914	1685.84	<a href="#">AEVNAEWDKLNLR</a>		
KB004	2902-2914	1614.8	<a href="#">EEVNAEWDKLNLR</a>		
KB017	2912-2918	860.41	<a href="#">NLRADW</a>		
KB003	2929-2942	1613.81	<a href="#">LQELQEADELK</a>		
KB004	2929-2942	1613.81	<a href="#">LQELQEADELK</a>		
KB006	2929-2942	1613.81	<a href="#">LQELQEADELK</a>		
KB004	2929-2944	1883	<a href="#">LQELQEADELKLR</a>		
KB004	2973-2987	1678.95	<a href="#">ALRGEIAPLKENVNR</a>		
KB003	2976-2987	1338.73	<a href="#">GEIAPLKENVNR</a>		
KB006	2976-2987	1338.73	<a href="#">GEIAPLKENVNR</a>		
KB004	3006-3016	1274.65	<a href="#">NLSTLEDLNTR</a>		
KB021	3006-3017	1460.73	<a href="#">NLSTLEDLNTRW</a>		

KB003	3019-3027	1041.58	<a href="#">LLQVAVEDR</a>		
KB004	3019-3027	1041.58	<a href="#">LLQVAVEDR</a>		
KB006	3019-3027	1041.58	<a href="#">LLQVAVEDR</a>		
KB008	3019-3027	1041.58	<a href="#">LLQVAVEDR</a>		
KB013	3019-3027	1041.58	<a href="#">LLQVAVEDR</a>		
KB004	3020-3027	928.5	<a href="#">LQVAVEDR</a>		
KB017	3033-3045	1497.67	<a href="#">EAHRDFGPASQHF</a>		
KB018	3033-3045	1497.67	<a href="#">EAHRDFGPASQHF</a>		
KB021	3033-3045	1497.67	<a href="#">EAHRDFGPASQHF</a>		
KB017	3039-3046	855.42	<a href="#">GPASQHFL</a>		
KB012	3055-3065	1272.68	<a href="#">ERAISPNKVYPY</a>		
KB017	3055-3065	1272.68	<a href="#">ERAISPNKVYPY</a>		
KB018	3055-3065	1272.68	<a href="#">ERAISPNKVYPY</a>		
KB021	3055-3065	1272.68	<a href="#">ERAISPNKVYPY</a>		
KB021	3077-3085	1132.52	<a href="#">DHPKMTELY</a>		
KB004	3081-3095	1765.87	<a href="#">MTELYQSLADLNNVR</a>		
KB021	3085-3096	1438.72	<a href="#">YQSLADLNNVRF</a>		
KB017	3086-3096	1275.66	<a href="#">QSLADLNNVRF</a>		
KB018	3086-3096	1275.66	<a href="#">QSLADLNNVRF</a>		
KB021	3086-3096	1275.66	<a href="#">QSLADLNNVRF</a>		
KB017	3089-3096	947.48	<a href="#">ADLNNVRF</a>		
KB018	3089-3096	947.48	<a href="#">ADLNNVRF</a>		
KB021	3089-3096	947.48	<a href="#">ADLNNVRF</a>		
KB017	3132-3141	1200.58	<a href="#">KQNDQPM DIL</a>		
KB021	3152-3166	1788.91	<a href="#">DRLEQEHNNLVNVPL</a>		
KB003	3240-3257	1845.92	<a href="#">QLGEVASFGGSNIEPSVR</a>		
KB004	3240-3257	1845.92	<a href="#">QLGEVASFGGSNIEPSVR</a>		
KB006	3240-3257	1845.92	<a href="#">QLGEVASFGGSNIEPSVR</a>		
KB021	3261-3273	1443.74	<a href="#">QFANNKPEIEAAL</a>		
KB021	3261-3274	1590.8	<a href="#">QFANNKPEIEAALF</a>		
KB021	3263-3273	1168.61	<a href="#">ANNKPEIEAAL</a>		
KB021	3263-3274	1315.68	<a href="#">ANNKPEIEAALF</a>		
KB021	3275-3287	1689.8	<a href="#">LDWMRLEPQSMVW</a>		

KB017	3278-3287	1275.61	<a href="#">MRLEPQSMVW</a>		
KB018	3278-3287	1275.61	<a href="#">MRLEPQSMVW</a>		
KB021	3278-3287	1275.61	<a href="#">MRLEPQSMVW</a>		
KB017	3279-3287	1144.57	<a href="#">RLEPQSMVW</a>		
KB018	3279-3287	1144.57	<a href="#">RLEPQSMVW</a>		
KB021	3279-3287	1144.57	<a href="#">RLEPQSMVW</a>		
KB017	3357-3365	1024.45	<a href="#">TSGEDVRDF</a>		
KB018	3357-3365	1024.45	<a href="#">TSGEDVRDF</a>		
KB021	3388-3405	1954.99	<a href="#">LPVQTVLEGDNMETPVTL</a>		
KB012	3395-3405	1204.53	<a href="#">EGDNMETPVTL</a>		
KB017	3406-3416	1215.59	<a href="#">INFWPVDSAPA</a>		
KB017	3406-3420	1614.77	<a href="#">INFWPVDSAPASSPQ</a>		
KB021	3421-3433	1608.73	<a href="#">LSHDDTHSRIEHY</a>		
KB017	3448-3464	1909.89	<a href="#">LNDISPNEIDDEHLL</a>		
KB021	3448-3464	1909.89	<a href="#">LNDISPNEIDDEHLL</a>		
KB012	3479-3488	1095.6	<a href="#">SQPRSPAQIL</a>		
KB003	3483-3496	1570.82	<a href="#">SPAQILISLESEER</a>	pSPAQ	S3483
KB006	3483-3496	1570.82	<a href="#">SPAQILISLESEER</a>		
KB003	3483-3501	2155.11	<a href="#">SPAQILISLESEERGER</a>		
KB006	3483-3501	2155.11	<a href="#">SPAQILISLESEERGER</a>		
KB007	3499-3509	1328.68	<a href="#">LERILADLEEE</a>		
KB007	3501-3509	1086.56	<a href="#">RILADLEEE</a>		
KB003	3502-3511	1200.6	<a href="#">ILADLEENR</a>		
KB004	3502-3511	1200.6	<a href="#">ILADLEENR</a>		
KB006	3502-3511	1200.6	<a href="#">ILADLEENR</a>		
KB013	3502-3511	1200.6	<a href="#">ILADLEENR</a>		
KB004	3502-3519	2190.06	<a href="#">ILADLEENRNLQAEYDR</a>		
KB004	3502-3521	2431.23	<a href="#">ILADLEENRNLQAEYDRK</a>		
KB017	3504-3513	1201.56	<a href="#">ADLEENRNL</a>		
KB017	3504-3517	1692.76	<a href="#">ADLEENRNLQAEY</a>		
KB021	3504-3517	1692.76	<a href="#">ADLEENRNLQAEY</a>		
KB004	3512-3521	1248.65	<a href="#">NLQAEYDRK</a>		
KB006	3512-3521	1248.65	<a href="#">NLQAEYDRK</a>		

KB005	3526-3550	2685.29	<a href="#">HKGLSPLSPPEMMPTSPQSPRDAE</a>	SPQpS	S3545
KB004	3528-3547	2105.03	<a href="#">GLSPLSPPEMMPTSPQSPR</a>		
KB005	3528-3550	2420.14	<a href="#">GLSPLSPPEMMPTSPQSPRDAE</a>		
KB004	3533-3547	1637.75	<a href="#">PSPPEMMPTSPQSPR</a>		
KB003	3548-3556	958.5	<a href="#">DAELIAEAK</a>		
KB007	3555-3566	1447.87	<a href="#">AKLLRQHKGRLE</a>		
KB004	3569-3585	2118.06	<a href="#">MQILEDHMKQLESQHR</a>		
KB017	3571-3584	1702.86	<a href="#">ILEDHMKQLESQHR</a>		
KB004	3586-3598	1522.85	<a href="#">LRQLLEQPQAEAK</a>		
KB003	3588-3598	1253.66	<a href="#">QLLEQPQAEAK</a>		
KB006	3588-3598	1253.66	<a href="#">QLLEQPQAEAK</a>		
KB004	3588-3613	2768.43	<a href="#">QLLEQPQAEAKVNGTTVSSPSTSLQR</a>		
KB003	3599-3613	1532.78	<a href="#">VNGTTVSSPSTSLQR</a>		
KB006	3599-3613	1532.78	<a href="#">VNGTTVSSPSTSLQR</a>		
KB013	3599-3613	1532.78	<a href="#">VNGTTVSSPSTSLQR</a>		
KB012	3612-3622	1260.61	<a href="#">QRSOSSQPMLL</a>		
KB017	3612-3622	1260.61	<a href="#">QRSOSSQPMLL</a>		
KB003	3614-3623	1132.55	<a href="#">SDSSQPMLLR</a>		
KB006	3614-3623	1132.55	<a href="#">SDSSQPMLLR</a>	SDpSS	S3616