

Supplementary table 2

Summary of peptides identified from Dp116

Dataset name	Peptide location	Mass	Peptide sequence	Phosphorylated residue
KB014	2733 – 2754	2568.1765	Q.DLQGEIETHHTDIYHNLDENGQK.I	
KB014	2733 – 2754	2568.1792	Q.DLQGEIETHHTDIYHNLDENGQK.I	
KB014	2733 – 2754	2568.181	Q.DLQGEIETHHTDIYHNLDENGQK.I	
KB014	2733 – 2754	2568.181	Q.DLQGEIETHHTDIYHNLDENGQK.I	
KB014	2733 – 2754	2568.1813	Q.DLQGEIETHHTDIYHNLDENGQK.I	
KB015	2733 – 2754	2568.1762	Q.DLQGEIETHHTDIYHNLDENGQK.I	
KB015	2733 – 2754	2568.1783	Q.DLQGEIETHHTDIYHNLDENGQK.I	
KB019	2735 – 2745	1305.5854	L.QGEIETHHTDIY.H	
KB020	2735 – 2745	1304.5854	L.QGEIETHHTDIY.H	
KB023	2735 – 2745	1304.589	L.QGEIETHHTDIY.H	
KB023	2735 – 2745	1304.589	L.QGEIETHHTDIY.H	
KB019	2746 – 2756	1279.6494	Y.HNLDENGQKIL.R	
KB019	2746 – 2756	1279.6522	Y.HNLDENGQKIL.R	
KB020	2746 – 2756	1279.6456	Y.HNLDENGQKIL.R	
KB020	2746 – 2756	1279.6483	Y.HNLDENGQKIL.R	
KB019	2757 – 2767	1172.564	L.RSLEGSDEAPL.L	
KB020	2757 – 2767	1172.5627	L.RSLEGSDEAPL.L	
KB020	2757 – 2767	1172.5636	L.RSLEGSDEAPL.L	
KB020	2757 – 2767	1173.5727	L.RSLEGSDEAPL.L	
KB014	2758 – 2770	1413.7126	R.SLEGSDEAPLLQR.R	
KB014	2758 – 2770	1413.7136	R.SLEGSDEAPLLQR.R	
KB015	2758 – 2770	1413.709	R.SLEGSDEAPLLQR.R	
KB015	2758 – 2770	1413.7116	R.SLEGSDEAPLLQR.R	
KB015	2758 – 2770	1413.7126	R.SLEGSDEAPLLQR.R	
KB015	2758 – 2770	1413.7126	R.SLEGSDEAPLLQR.R	
KB014	2771 – 2778	1036.5136	R.RLDNMNFK.W	
KB023	2780 – 2787	931.5333	W.SELQKKSL.N	
KB023	2780 – 2787	931.534	W.SELQKKSL.N	
KB023	2783 – 2787	602.3757	L.QKKSL.N	
KB023	2788 – 2800	1541.7234	L.NIRSHLEASSDQW.K	
KB023	2788 – 2800	1541.7238	L.NIRSHLEASSDQW.K	
KB023	2788 – 2800	1541.7238	L.NIRSHLEASSDQW.K	
KB014	2791 – 2802	1442.6908	R.SHLEASSDQWKR.L	
KB014	2824 – 2836	1326.6946	R.QAPIGGDFPAVQK.Q	
KB014	2824 – 2836	1326.6956	R.QAPIGGDFPAVQK.Q	
KB015	2824 – 2836	1326.6948	R.QAPIGGDFPAVQK.Q	
KB015	2824 – 2836	1326.6948	R.QAPIGGDFPAVQK.Q	
KB015	2824 – 2836	1326.6948	R.QAPIGGDFPAVQK.Q	

KB023	2845	–	2859	1772.0216	F.KRELKTKEPVIMSTL.E		
KB020	2849	–	2859	1245.6982	L.KTKEPVIMSTL.E		
KB020	2849	–	2859	1245.7054	L.KTKEPVIMSTL.E		
KB023	2849	–	2859	1245.7004	L.KTKEPVIMSTL.E		
KB023	2849	–	2859	1245.7022	L.KTKEPVIMSTL.E		
KB023	2849	–	2865	1991.1078	L.KTKEPVIMSTLETVRIF.L		
KB023	2849	–	2865	1991.1133	L.KTKEPVIMSTLETVRIF.L		
KB024	2849	–	2859	1245.6998	L.KTKEPVIMSTL.E		
KB015	2850	–	2863	1602.8614	K.TKEPVIMSTLETVR.I		
KB015	2850	–	2863	1602.8654	K.TKEPVIMSTLETVR.I		
KB014	2852	–	2863	1373.7254	K.EPVIMSTLETVR.I		
KB015	2852	–	2863	1373.7238	K.EPVIMSTLETVR.I		
KB019	2860	–	2865	763.4227	L.ETVRIF.L		
KB019	2860	–	2865	763.4254	L.ETVRIF.L		
KB020	2860	–	2865	763.4227	L.ETVRIF.L		
KB020	2860	–	2865	763.4254	L.ETVRIF.L		
KB023	2860	–	2865	763.4236	L.ETVRIF.L		
KB023	2860	–	2865	763.4238	L.ETVRIF.L		
KB023	2860	–	2865	763.424	L.ETVRIF.L		
KB023	2860	–	2866	876.5049	L.ETVRIFL.T		
KB014	2864	–	2876	1515.8216	R.IFLTEQPLEGLEK.L		
KB014	2864	–	2876	1515.8224	R.IFLTEQPLEGLEK.L		
KB014	2864	–	2876	1515.8228	R.IFLTEQPLEGLEK.L		
KB015	2864	–	2876	1515.8197	R.IFLTEQPLEGLEK.L		
KB015	2864	–	2876	1515.8214	R.IFLTEQPLEGLEK.L		
KB015	2864	–	2876	1515.824	R.IFLTEQPLEGLEK.L		
KB023	2878	–	2896	2324.1864	L.YQEPRELPPPEERAQNVTRL.L		
KB023	2878	–	2896	2324.1882	L.YQEPRELPPPEERAQNVTRL.L		
KB023	2879	–	2896	2161.1224	Y.QEPRELPPPEERAQNVTRL.L		
KB023	2879	–	2896	2161.1256	Y.QEPRELPPPEERAQNVTRL.L		
KB023	2879	–	2897	2274.2084	Y.QEPRELPPPEERAQNVTRLL.R		
KB023	2879	–	2897	2274.2086	Y.QEPRELPPPEERAQNVTRLL.R		
KB023	2879	–	2897	2274.2089	Y.QEPRELPPPEERAQNVTRLL.R		
KB023	2897	–	2908	1471.7444	L.LRKQAEVNAEW.D		
KB020	2898	–	2911	1714.8682	L.RKQAEVNAEWDKL.N		
KB023	2898	–	2911	1714.8646	L.RKQAEVNAEWDKL.N		
KB023	2898	–	2911	1714.8661	L.RKQAEVNAEWDKL.N		
KB023	2898	–	2911	1714.8669	L.RKQAEVNAEWDKL.N		
KB023	2898	–	2911	1714.868	L.RKQAEVNAEWDKL.N		
KB023	2898	–	2911	1714.8682	L.RKQAEVNAEWDKL.N		
KB014	2899	–	2914	1941.9954	R.KQAEVNAEWDKLNLR.S		
KB015	2899	–	2914	1941.9917	R.KQAEVNAEWDKLNLR.S		

KB015	2899	–	2914	1941.9944	R.KQAEVNAEWDKLNLR.S		
KB015	2899	–	2914	1941.9989	R.KQAEVNAEWDKLNLR.S		
KB015	2899	–	2914	1942.0075	R.KQAEVNAEWDKLNLR.S		
KB015	2899	–	2914	1942.0075	R.KQAEVNAEWDKLNLR.S		
KB014	2900	–	2914	1813.8992	K.QAEVNAEWDKLNLR.S		
KB014	2900	–	2914	1813.9003	K.QAEVNAEWDKLNLR.S		
KB014	2900	–	2914	1813.9008	K.QAEVNAEWDKLNLR.S		
KB014	2900	–	2914	1813.9018	K.QAEVNAEWDKLNLR.S		
KB015	2900	–	2914	1813.8996	K.QAEVNAEWDKLNLR.S		
KB015	2900	–	2914	1813.8998	K.QAEVNAEWDKLNLR.S		
KB019	2912	–	2918	860.4126	L.NLRSADW.Q		
KB020	2912	–	2918	860.4132	L.NLRSADW.Q		
KB023	2919	–	2929	1369.7672	W.QRKIDEALERL.Q		
KB014	2929	–	2942	1613.8174	R.LQELQEADEL.DLK.L		
KB014	2929	–	2942	1613.8202	R.LQELQEADEL.DLK.L		
KB015	2929	–	2942	1613.8165	R.LQELQEADEL.DLK.L		
KB015	2929	–	2942	1613.8172	R.LQELQEADEL.DLK.L		
KB015	2929	–	2942	1613.8186	R.LQELQEADEL.DLK.L		
KB015	2929	–	2942	1613.8195	R.LQELQEADEL.DLK.L		
KB023	2930	–	2939	1144.5232	L.QELQEADEL.D		
KB023	2930	–	2939	1144.5255	L.QELQEADEL.D		
KB023	2942	–	2953	1413.8076	L.KLRQAEVIKGSW.Q		
KB023	2944	–	2959	1781.9454	L.RQAEVIKGSWQPVGDL.L		
KB014	2951	–	2970	2250.1453	K.GSWQPVGDLLIDSLQDHLK.V		
KB023	2954	–	2960	740.4075	W.QPVGDLL.I		
KB023	2961	–	2968	939.4674	L.IDSLQDHL.E		
KB014	2973	–	2982	1066.6512	K.ALRGEIAPLK.E		
KB014	2973	–	2982	1066.6522	K.ALRGEIAPLK.E		
KB014	2973	–	2987	1678.9508	K.ALRGEIAPLKENVNR.V		
KB014	2973	–	2987	1678.9512	K.ALRGEIAPLKENVNR.V		
KB014	2973	–	2987	1678.9513	K.ALRGEIAPLKENVNR.V		
KB014	2973	–	2987	1678.9513	K.ALRGEIAPLKENVNR.V		
KB015	2973	–	2982	1066.6512	K.ALRGEIAPLK.E		
KB015	2973	–	2982	1066.6522	K.ALRGEIAPLK.E		
KB015	2973	–	2987	1678.9504	K.ALRGEIAPLKENVNR.V		
KB015	2973	–	2987	1678.9506	K.ALRGEIAPLKENVNR.V		
KB015	2973	–	2987	1678.9507	K.ALRGEIAPLKENVNR.V		
KB015	2973	–	2987	1678.9524	K.ALRGEIAPLKENVNR.V		
KB014	2976	–	2987	1338.7267	R.GEIAPLKENVNR.V		
KB014	2976	–	2987	1338.727	R.GEIAPLKENVNR.V		
KB014	2976	–	2987	1338.7272	R.GEIAPLKENVNR.V		
KB015	2976	–	2987	1338.7284	R.GEIAPLKENVNR.V		

KB015	2976	–	2987	1338.7288	R.GEIAPLKENVNR.V		
KB020	2982	–	2995	1648.8586	L.KENVNRVNDLAHQL.T		
KB023	2982	–	2995	1648.8646	L.KENVNRVNDLAHQL.T		
KB023	2982	–	2995	1648.8656	L.KENVNRVNDLAHQL.T		
KB023	2982	–	2995	1648.8669	L.KENVNRVNDLAHQL.T		
KB014	2988	–	2998	1223.6454	R.VNDLAHQLTTL.G		
KB020	2996	–	3002	744.4327	L.TTLGIQL.S		
KB023	2996	–	3002	744.438	L.TTLGIQL.S		
KB024	2996	–	3002	744.4386	L.TTLGIQL.S		
KB020	2999	–	3005	776.4027	L.GIQLSPY.N		
KB023	2999	–	3005	776.408	L.GIQLSPY.N		
KB023	2999	–	3005	776.4127	L.GIQLSPY.N		
KB024	2999	–	3005	776.4075	L.GIQLSPY.N		
KB014	3006	–	3016	1274.6442	Y.NLSTLEDLNTR.W		
KB015	3006	–	3016	1274.649	Y.NLSTLEDLNTR.W		
KB020	3011	–	3017	932.4312	L.EDLNTRW.R		
KB023	3011	–	3017	932.4332	L.EDLNTRW.R		
KB023	3011	–	3017	932.4337	L.EDLNTRW.R		
KB023	3011	–	3017	932.4356	L.EDLNTRW.R		
KB014	3019	–	3027	1041.5836	R.LLQVAVEDR.V		
KB014	3019	–	3027	1041.5842	R.LLQVAVEDR.V		
KB014	3019	–	3027	1041.5849	R.LLQVAVEDR.V		
KB015	3019	–	3027	1041.5828	R.LLQVAVEDR.V		
KB015	3019	–	3027	1041.5829	R.LLQVAVEDR.V		
KB015	3019	–	3027	1041.5838	R.LLQVAVEDR.V		
KB019	3021	–	3031	1311.7282	L.QVAVEDRVRQL.H		
KB020	3021	–	3031	1311.7219	L.QVAVEDRVRQL.H		
KB023	3021	–	3031	1311.7262	L.QVAVEDRVRQL.H		
KB023	3021	–	3031	1311.7266	L.QVAVEDRVRQL.H		
KB023	3021	–	3031	1311.727	L.QVAVEDRVRQL.H		
KB023	3021	–	3038	2204.1209	L.QVAVEDRVRQLHEAHRDF.G		
KB023	3021	–	3038	2204.1228	L.QVAVEDRVRQLHEAHRDF.G		
KB019	3032	–	3045	1634.7333	L.HEAHRDFGPASQHF.L		
KB020	3032	–	3045	1634.7309	L.HEAHRDFGPASQHF.L		
KB020	3032	–	3045	1634.7382	L.HEAHRDFGPASQHF.L		
KB020	3032	–	3045	1635.7282	L.HEAHRDFGPASQHF.L		
KB020	3032	–	3045	1635.7337	L.HEAHRDFGPASQHF.L		
KB023	3032	–	3038	910.4054	L.HEAHRDF.G		
KB015	3037	–	3056	2245.0618	R.DFGPASQHFLSTSVQGPWER.A		
KB015	3037	–	3056	2245.0618	R.DFGPASQHFLSTSVQGPWER.A		
KB019	3039	–	3046	855.4228	F.GPASQHFL.S		
KB020	3039	–	3046	855.4226	F.GPASQHFL.S		

KB019	3046	-	3054	973.4927	F.LSTSVQGPW.E		
KB020	3046	-	3054	973.4827	F.LSTSVQGPW.E		
KB023	3046	-	3054	973.487	F.LSTSVQGPW.E		
KB023	3046	-	3054	973.4873	F.LSTSVQGPW.E		
KB023	3046	-	3054	973.4879	F.LSTSVQGPW.E		
KB023	3046	-	3054	973.4881	F.LSTSVQGPW.E		
KB023	3046	-	3054	973.4881	F.LSTSVQGPW.E		
KB023	3046	-	3054	973.4881	F.LSTSVQGPW.E		
KB024	3046	-	3054	973.4866	F.LSTSVQGPW.E		
KB024	3046	-	3054	973.4874	F.LSTSVQGPW.E		
KB020	3047	-	3054	860.4027	L.STSVQGPW.E		
KB020	3047	-	3054	860.4027	L.STSVQGPW.E		
KB023	3047	-	3054	860.4036	L.STSVQGPW.E		
KB023	3047	-	3054	860.405	L.STSVQGPW.E		
KB019	3055	-	3065	1272.6808	W.ERAISPKNKVPY.Y		
KB019	3055	-	3065	1272.6826	W.ERAISPKNKVPY.Y		
KB020	3055	-	3065	1272.6776	W.ERAISPKNKVPY.Y		
KB020	3055	-	3065	1272.6802	W.ERAISPKNKVPY.Y		
KB023	3055	-	3065	1352.65	W.ERAISPKNKVPY.Y	ERAIS(p)NK	S327 (S3059)
KB014	3057	-	3065	987.5412	R.AISPKNKVPY.Y		
KB015	3057	-	3065	987.5416	R.AISPKNKVPY.Y		
KB023	3066	-	3085	2605.0642	Y.INHETQTTCDWDHPKMTELY.Q	TQTT(p)CW	T342 (T3074)
KB019	3077	-	3085	1132.5198	W.DHPKMTELY.Q		
KB020	3077	-	3085	1132.518	W.DHPKMTELY.Q		
KB023	3077	-	3085	1132.5226	W.DHPKMTELY.Q		
KB014	3081	-	3095	1765.867	K.MTELYQSLADLNNVR.F		
KB014	3081	-	3095	1765.869	K.MTELYQSLADLNNVR.F		
KB015	3081	-	3095	1765.8694	K.MTELYQSLADLNNVR.F		
KB015	3081	-	3095	1765.8704	K.MTELYQSLADLNNVR.F		
KB015	3081	-	3095	1765.8734	K.MTELYQSLADLNNVR.F		
KB019	3089	-	3096	947.48	L.ADLNNVRF.S		
KB019	3089	-	3096	949.4854	L.ADLNNVRF.S		
KB020	3089	-	3096	947.4804	L.ADLNNVRF.S		
KB023	3089	-	3096	947.4822	L.ADLNNVRF.S		
KB023	3089	-	3096	947.4827	L.ADLNNVRF.S		
KB023	3089	-	3096	947.4832	L.ADLNNVRF.S		
KB023	3089	-	3096	947.4832	L.ADLNNVRF.S		
KB023	3092	-	3096	648.3327	L.NNVRF.S		
KB023	3092	-	3096	648.3351	L.NNVRF.S		
KB023	3127	-	3131	625.2824	L.DQHNL.K		
KB023	3127	-	3141	1807.8538	L.DQHNLKQNDQPM DIL.Q		
KB023	3132	-	3141	1200.5794	L.KQNDQPM DIL.Q		

KB023	3132	–	3141	1200.5822	L.KQNDQPM DIL.Q		
KB024	3132	–	3141	1200.5816	L.KQNDQPM DIL.Q		
KB023	3148	–	3154	880.4658	L.TTIYDRL.E		
KB023	3155	–	3161	882.3827	L.EQEHNNL.V		
KB023	3155	–	3166	1404.7018	L.EQEHNNLVNPL.C		
KB020	3180	–	3190	1242.7136	Y.DTGRTRGRIRVL.S		
KB019	3191	–	3199	964.5654	L.SFKTGIISL.C		
KB020	3191	–	3199	964.5654	L.SFKTGIISL.C		
KB023	3191	–	3199	964.5597	L.SFKTGIISL.C		
KB023	3191	–	3199	964.5597	L.SFKTGIISL.C		
KB023	3191	–	3199	964.5598	L.SFKTGIISL.C		
KB023	3191	–	3199	964.5602	L.SFKTGIISL.C		
KB024	3191	–	3199	964.5594	L.SFKTGIISL.C		
KB023	3193	–	3199	730.4595	F.KTGIISL.C		
KB023	3193	–	3199	730.4596	F.KTGIISL.C		
KB019	3212	–	3221	1070.5376	L.FKQVASSTGF.C		
KB023	3213	–	3221	923.4718	F.KQVASSTGF.C		
KB015	3224	–	3234	1308.7504	D.QRRGLLLHDS.I		
KB015	3225	–	3259	3861.0382	Q.RRLGLLLHDSIQIPRQLGEVASFGGSNIEPSVRSC.F		
KB014	3227	–	3239	1473.8722	R.LGLLLHDSIQIPR.Q		
KB015	3227	–	3239	1473.8674	R.LGLLLHDSIQIPR.Q		
KB015	3227	–	3239	1473.868	R.LGLLLHDSIQIPR.Q		
KB015	3227	–	3239	1473.8695	R.LGLLLHDSIQIPR.Q		
KB019	3231	–	3241	1318.7254	L.LHDSIQIPRQL.G		
KB023	3231	–	3241	1318.7349	L.LHDSIQIPRQL.G		
KB023	3231	–	3241	1318.7368	L.LHDSIQIPRQL.G		
KB023	3231	–	3241	1318.7482	L.LHDSIQIPRQL.G		
KB019	3232	–	3241	1205.6454	L.HDSIQIPRQL.G		
KB023	3232	–	3241	1205.651	L.HDSIQIPRQL.G		
KB023	3232	–	3241	1205.6538	L.HDSIQIPRQL.G		
KB023	3232	–	3241	1205.655	L.HDSIQIPRQL.G		
KB023	3232	–	3247	1795.9214	L.HDSIQIPRQLGEVASF.G		
KB023	3232	–	3247	1795.9252	L.HDSIQIPRQLGEVASF.G		
KB014	3240	–	3247	849.4242	R.QLGEVASF.G		
KB014	3240	–	3257	1845.9229	R.QLGEVASFGGSNIEPSVR.S		
KB014	3240	–	3257	1845.9238	R.QLGEVASFGGSNIEPSVR.S		
KB014	3240	–	3257	1845.924	R.QLGEVASFGGSNIEPSVR.S		
KB014	3240	–	3257	1845.9302	R.QLGEVASFGGSNIEPSVR.S		
KB015	3240	–	3247	849.4247	R.QLGEVASF.G		
KB015	3240	–	3255	1590.7576	R.QLGEVASFGGSNIEPS.V		
KB015	3240	–	3257	1845.9253	R.QLGEVASFGGSNIEPSVR.S		
KB015	3240	–	3257	1845.9264	R.QLGEVASFGGSNIEPSVR.S		

KB015	3240	-	3257	1845.9264	R.QLGEVASFGGSNIEPSVR.S		
KB015	3240	-	3257	1845.9277	R.QLGEVASFGGSNIEPSVR.S		
KB019	3261	-	3273	1443.7302	F.QFANNKPEIEAAL.F		
KB020	3261	-	3273	1444.7454	F.QFANNKPEIEAAL.F		
KB023	3261	-	3273	1443.7364	F.QFANNKPEIEAAL.F		
KB023	3261	-	3273	1443.7364	F.QFANNKPEIEAAL.F		
KB019	3263	-	3273	1168.6052	F.ANNKPEIEAAL.F		
KB019	3263	-	3274	1315.6748	F.ANNKPEIEAALF.L		
KB020	3263	-	3273	1168.6054	F.ANNKPEIEAAL.F		
KB020	3263	-	3274	1315.674	F.ANNKPEIEAALF.L		
KB023	3263	-	3273	1168.61	F.ANNKPEIEAAL.F		
KB023	3263	-	3273	1168.6103	F.ANNKPEIEAAL.F		
KB023	3263	-	3273	1168.6104	F.ANNKPEIEAAL.F		
KB023	3263	-	3274	1315.676	F.ANNKPEIEAALF.L		
KB023	3263	-	3274	1315.6768	F.ANNKPEIEAALF.L		
KB023	3263	-	3274	1315.6769	F.ANNKPEIEAALF.L		
KB023	3263	-	3274	1315.677	F.ANNKPEIEAALF.L		
KB023	3263	-	3274	1315.677	F.ANNKPEIEAALF.L		
KB023	3263	-	3274	1315.6776	F.ANNKPEIEAALF.L		
KB024	3263	-	3274	1315.6776	F.ANNKPEIEAALF.L		
KB023	3278	-	3287	1275.6054	W.MRLEPQSMVW.L		
KB014	3280	-	3293	1703.9224	R.LEPQSMVWLPVLR.V		
KB015	3280	-	3293	1703.9221	R.LEPQSMVWLPVLR.V		
KB023	3344	-	3365	2701.0887	KMHYPMVEYCTPTTSGEDVRDF	VEY(P)CTPTT	Y620 (Y)
KB023	3344	-	3365	2701.0887	KMHYPMVEYCTPTTSGEDVRDF	VEYCT(P)PTT	YT622 (T)
KB023	3379	-	3387	1105.5508	Y.FAKHPRMGY.L		
KB023	3380	-	3387	958.4806	F.AKHPRMGY.L		
KB023	3388	-	3394	768.4748	Y.LPVQTVL.E		
KB023	3388	-	3394	768.4752	Y.LPVQTVL.E		
KB023	3388	-	3394	768.4756	Y.LPVQTVL.E		
KB023	3388	-	3394	768.4766	Y.LPVQTVL.E		
KB023	3388	-	3405	1954.9912	Y.LPVQTVLEGDNMETSPTL.I		
KB023	3388	-	3405	1955.9854	Y.LPVQTVLEGDNMETSPTL.I		
KB024	3388	-	3394	768.4745	Y.LPVQTVL.E		
KB024	3388	-	3394	768.4745	Y.LPVQTVL.E		
KB024	3388	-	3394	768.475	Y.LPVQTVL.E		
KB020	3395	-	3405	1204.5227	L.EGDNMETSPTL.I		
KB023	3395	-	3405	1204.5279	L.EGDNMETSPTL.I		
KB023	3395	-	3405	1204.5287	L.EGDNMETSPTL.I		
KB023	3395	-	3405	1204.5291	L.EGDNMETSPTL.I		
KB023	3395	-	3405	1204.5298	L.EGDNMETSPTL.I		
KB023	3406	-	3421	1727.8472	L.INFWPVDSAPASSPQL.S		
KB023	3406	-	3421	1727.8492	L.INFWPVDSAPASSPQL.S		

KB023	3406 - 3433	3285.4553	L.INFWPVDSAPASSPQLSHDDTHSRIEHY.A	PAS(p)S	S685 (S3417)
KB023	3406 - 3433	3285.4553	L.INFWPVDSAPASSPQLSHDDTHSRIEHY.A	PASS(p)P	S686 (S3418)
KB023	3406 - 3433	3285.4553	L.INFWPVDSAPASSPQLSHDDTHSRIEHY.A	PQLS(p)H	S690 (S3422)
KB023	3409 - 3433	2832.2854	F.WPVDSAPASSPQLSHDDTHSRIEHY.A		
KB019	3434 - 3447	1527.6562	Y.ASRLAEMENSNNGSY.L		
KB023	3434 - 3447	1527.664	Y.ASRLAEMENSNNGSY.L		
KB023	3434 - 3447	1527.664	Y.ASRLAEMENSNNGSY.L		
KB023	3448 - 3463	1796.8064	Y.LNDSISPNESIDDEHL.L		
KB019	3449 - 3464	1796.7996	L.NDSISPNESIDDEHLL.I		
KB023	3449 - 3464	1796.8052	L.NDSISPNESIDDEHLL.I		
KB023	3449 - 3464	1796.8062	L.NDSISPNESIDDEHLL.I		
KB023	3449 - 3464	1796.8096	L.NDSISPNESIDDEHLL.I		
KB023	3473 - 3488	1829.8652	L.NQDSPLSQPRSPAQIL.I	NQDS(P)	S744 (S3476)
KB023	3473 - 3488	1829.8716	L.NQDSPLSQPRSPAQIL.I	NQDS(P)	S744 (S3476)
KB019	3479 - 3488	1095.6008	L.SQPRSPAQIL.I		
KB019	3479 - 3488	1095.6014	L.SQPRSPAQIL.I		
KB020	3479 - 3488	1095.6	L.SQPRSPAQIL.I		
KB020	3479 - 3488	1095.6002	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.5982	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.603	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.604	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6043	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6048	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6052	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6052	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6054	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6054	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6054	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6054	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6054	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6054	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1095.6056	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1096.6054	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1096.6054	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1096.6054	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1096.6054	L.SQPRSPAQIL.I		
KB023	3479 - 3488	1096.6054	L.SQPRSPAQIL.I		
KB014	3483 - 3496	1570.8222	R.SPAQILISLESEER.G		
KB014	3483 - 3496	1570.824	R.SPAQILISLESEER.G		
KB014	3483 - 3496	1570.8247	R.SPAQILISLESEER.G		
KB014	3483 - 3496	1570.8247	R.SPAQILISLESEER.G		
KB014	3483 - 3496	1570.8276	R.SPAQILISLESEER.G		
KB014	3483 - 3501	2155.1161	R.SPAQILISLESEERGER.I		

KB014	3483	–	3501	2155.1174	R.SPAQILISLESEERGELER.I		
KB014	3483	–	3501	2155.1197	R.SPAQILISLESEERGELER.I		
KB014	3483	–	3501	2155.124	R.SPAQILISLESEERGELER.I		
KB015	3483	–	3496	1570.82	R.SPAQILISLESEER.G		
KB015	3483	–	3496	1570.8242	R.SPAQILISLESEER.G		
KB015	3483	–	3501	2155.115	R.SPAQILISLESEERGELER.I		
KB015	3483	–	3501	2155.1164	R.SPAQILISLESEERGELER.I		
KB023	3489	–	3499	1260.6199	L.ISLESEERGEL.E		
KB023	3489	–	3499	1260.6212	L.ISLESEERGEL.E		
KB023	3489	–	3499	1260.6254	L.ISLESEERGEL.E		
KB023	3492	–	3503	1458.7254	L.ESEERGELERIL.A		
KB023	3492	–	3503	1458.7318	L.ESEERGELERIL.A		
KB014	3499	–	3505	830.4854	E.LERILAD.L		
KB014	3502	–	3511	1200.6	R.ILADLEENR.N		
KB014	3502	–	3511	1200.6012	R.ILADLEENR.N		
KB014	3502	–	3511	1200.6018	R.ILADLEENR.N		
KB014	3502	–	3519	2190.0576	R.ILADLEENRNLQAEYDR.L		
KB014	3502	–	3519	2190.0589	R.ILADLEENRNLQAEYDR.L		
KB014	3502	–	3519	2190.0594	R.ILADLEENRNLQAEYDR.L		
KB015	3502	–	3511	1200.5988	R.ILADLEENR.N		
KB015	3502	–	3511	1200.6	R.ILADLEENR.N		
KB015	3502	–	3511	1200.6006	R.ILADLEENR.N		
KB015	3502	–	3519	2190.0528	R.ILADLEENRNLQAEYDR.L		
KB015	3502	–	3519	2190.0598	R.ILADLEENRNLQAEYDR.L		
KB015	3502	–	3519	2190.0598	R.ILADLEENRNLQAEYDR.L		
KB019	3504	–	3513	1201.553	L.ADLEENRNL.Q		
KB020	3504	–	3513	1201.5552	L.ADLEENRNL.Q		
KB015	3512	–	3521	1248.6478	R.NLQAEYDR.LK.Q		
KB023	3518	–	3529	1487.791	Y.DRLKQQHEHKGL.S		
KB023	3518	–	3529	1488.7942	Y.DRLKQQHEHKGL.S		
KB023	3527	-	3558	3511.7282	H.KGLSPLPSPPEMMPTSPQSPRDAELIAEAKLL.R	MPT(p)SP	T809 (T3541)
KB023	3527	-	3558	3511.7282	H.KGLSPLPSPPEMMPTSPQSPRDAELIAEAKLL.R	MPTS(p)P	S810 (S3542)
KB023	3527	-	3558	3511.7282	H.KGLSPLPSPPEMMPTSPQSPRDAELIAEAKLL.R	SPQS(p)P	S813 (S3545)
KB023	3527	-	3558	3431.7582	H.KGLSPLPSPPEMMPTSPQSPRDAELIAEAKLL.R		
KB014	3528	–	3547	2105.0322	K.GLSPLPSPPEMMPTSPQSPR.D		
KB015	3528	–	3547	2105.0236	K.GLSPLPSPPEMMPTSPQSPR.D		
KB015	3528	–	3547	2105.0236	K.GLSPLPSPPEMMPTSPQSPR.D		
KB015	3528	–	3547	2105.0338	K.GLSPLPSPPEMMPTSPQSPR.D		
KB015	3528	–	3547	2105.0344	K.GLSPLPSPPEMMPTSPQSPR.D		
KB023	3552	–	3558	756.4758	L.IAEAKLL.R		
KB023	3552	–	3558	756.476	L.IAEAKLL.R		
KB020	3573	–	3583	1339.6282	L.EDHNKQLESQ.L.H		

KB020	3573	-	3583	1339.6342	L.EDHNKQLESQ.L.H		
KB014	3586	-	3598	1522.8496	R.LRQLLEQPQAEAK.V		
KB014	3586	-	3598	1523.8582	R.LRQLLEQPQAEAK.V		
KB015	3586	-	3598	1522.8493	R.LRQLLEQPQAEAK.V		
KB015	3586	-	3598	1522.8502	R.LRQLLEQPQAEAK.V		
KB015	3586	-	3598	1522.8511	R.LRQLLEQPQAEAK.V		
KB015	3588	-	3598	1253.6646	R.LLLEQPQAEAK.V		
KB023	3590	-	3611	2243.1282	L.LEQPQAEAKVNGTTVSSPSTSL.Q		
KB023	3590	-	3611	2243.129	L.LEQPQAEAKVNGTTVSSPSTSL.Q		
KB023	3590	-	3611	2243.1292	L.LEQPQAEAKVNGTTVSSPSTSL.Q		
KB023	3591	-	3611	2130.044	L.EQPQAEAKVNGTTVSSPSTSL.Q		
KB023	3591	-	3611	2130.0444	L.EQPQAEAKVNGTTVSSPSTSL.Q		
KB023	3591	-	3611	2130.045	L.EQPQAEAKVNGTTVSSPSTSL.Q		
KB023	3591	-	3611	2131.0286	L.EQPQAEAKVNGTTVSSPSTSL.Q		
KB023	3591	-	3611	2131.0294	L.EQPQAEAKVNGTTVSSPSTSL.Q		
KB023	3591	-	3611	2131.0298	L.EQPQAEAKVNGTTVSSPSTSL.Q		
KB023	3591	-	3611	2131.0304	L.EQPQAEAKVNGTTVSSPSTSL.Q		
KB023	3591	-	3611	2210.9934	L.EQPQAEAKVNGTTVSSPSTSL.Q	SSPS(p)	
KB023	3591	-	3611	2210.9934	L.EQPQAEAKVNGTTVSSPSTSL.Q	SSPS(p)	
KB023	3591	-	3611	3226.4486	L.EQPQAEAKVNGTTVSSPSTSLQRS DSSQPM.L	SSPS(p)	S876 (S3608)
KB023	3591	-	3622	3468.6067	L.EQPQAEAKVNGTTVSSPSTSLQRS DSSQPM.L.R	RS(p)DSS	S882 (S3614)
KB023	3591	-	3622	3388.6367	L.EQPQAEAKVNGTTVSSPSTSLQRS DSSQPM.L.R		
KB015	3599	-	3613	1532.7794	K.VNGTTVSSPSTSLQR.S		
KB023	3601	-	3622	2374.0711	N.GTTVSSPSTSLQRS DSSQPM.L.R	RSDS(p)S	S884 (S3616)
KB023	3601	-	3622	2374.0711	N.GTTVSSPSTSLQRS DSSQPM.L.R	RSDSS(p)	S885 (S3617)
KB023	3601	-	3622	2374.0711	N.GTTVSSPSTSLQRS DSSQPM.L.R		
KB023	3612	-	3622	1340.587	L.QRSDSSQPM.L.R	RSDSS(p)	S885 (S3617)
KB014	3614	-	3623	1132.5562	R.SDSSQPM.L.R.V		
KB014	3614	-	3623	1212.5212	R.SDSSQPM.L.R.V	RSDS(p)S	S884 (S3616)
KB015	3614	-	3623	1132.557	R.SDSSQPM.L.R.V		
KB015	3614	-	3623	1212.5238	R.SDSSQPM.L.R.V	RSDS(p)S	S884 (S3616)