

Supplementary table 3

Peptides observed in Dp116 isolated from transfected HEK-293 cells. Colour coding indicates biological replicates.

Start	–	End	Observed	Mr(expt)	Mr(calc)	ppm	M	Score	Expect	U	Peptide
2735	–	2745	653.3018	1304.589	1304.5885	0.39	0	18	1.8	U	L.QGEIETHTDIY.H
2735	–	2745	653.3017	1304.5888	1304.5885	0.3	0	15	3.1	U	L.QGEIETHTDIY.H
2735	–	2745	653.3015	1304.5885	1304.5885	0.016	0	12	6.2	U	L.QGEIETHTDIY.H
2735	–	2745	653.3016	1304.5887	1304.5885	0.2	0	12	5.8	U	L.QGEIETHTDIY.H
2746	–	2756	640.8329	1279.6512	1279.652	-0.64	1	48	0.0011	U	Y.HNLDENGQKIL.R
2746	–	2756	427.5577	1279.6513	1279.652	-0.58	1	41	0.0048	U	Y.HNLDENGQKIL.R
2746	–	2756	640.8329	1279.6513	1279.652	-0.54	1	29	0.093	U	Y.HNLDENGQKIL.R
2746	–	2756	640.834	1279.6534	1279.652	1.08	1	44	0.0029	U	Y.HNLDENGQKIL.R
2746	–	2756	640.8328	1279.6511	1279.652	-0.74	1	53	0.00038	U	Y.HNLDENGQKIL.R
2746	–	2756	427.5578	1279.6516	1279.652	-0.36	1	48	0.0011	U	Y.HNLDENGQKIL.R
2746	–	2756	640.8334	1279.6522	1279.652	0.12	1	41	0.0054	U	Y.HNLDENGQKIL.R
2746	–	2756	640.8334	1279.6523	1279.652	0.22	1	27	0.14	U	Y.HNLDENGQKIL.R
2746	–	2756	640.832	1279.6495	1279.652	-1.98	1	37	0.012	U	Y.HNLDENGQKIL.R
2746	–	2756	640.8326	1279.6506	1279.652	-1.12	1	48	0.0011	U	Y.HNLDENGQKIL.R
2746	–	2756	427.5576	1279.651	1279.652	-0.79	1	27	0.12	U	Y.HNLDENGQKIL.R
2746	–	2756	640.8331	1279.6516	1279.652	-0.35	1	44	0.0029	U	Y.HNLDENGQKIL.R
2746	–	2756	640.8328	1279.6511	1279.652	-0.74	1	41	0.0057	U	Y.HNLDENGQKIL.R
2746	–	2756	427.5579	1279.6518	1279.652	-0.15	1	44	0.0024	U	Y.HNLDENGQKIL.R
2746	–	2756	640.8333	1279.6521	1279.652	0.027	1	46	0.0016	U	Y.HNLDENGQKIL.R
2746	–	2756	640.8334	1279.6522	1279.652	0.12	1	27	0.13	U	Y.HNLDENGQKIL.R
2749	–	2756	458.7405	915.4665	915.4661	0.42	0	16	1.4	U	L.DENGQKIL.R
2749	–	2756	458.7404	915.4662	915.4661	0.021	0	6	14	U	L.DENGQKIL.R
2757	–	2767	587.2905	1172.5664	1172.5673	-0.79	1	55	0.00022	U	L.RSLEGSDEAPL.L
2757	–	2767	587.2911	1172.5677	1172.5673	0.36	1	37	0.012	U	L.RSLEGSDEAPL.L
2757	–	2767	587.2905	1172.5665	1172.5673	-0.69	1	42	0.0042	U	L.RSLEGSDEAPL.L
2757	–	2767	587.291	1172.5674	1172.5673	0.043	1	53	0.00035	U	L.RSLEGSDEAPL.L
2757	–	2767	587.2899	1172.5652	1172.5673	-1.83	1	25	0.21	U	L.RSLEGSDEAPL.L
2757	–	2767	587.2911	1172.5676	1172.5673	0.25	1	30	0.07	U	L.RSLEGSDEAPL.L
2757	–	2767	587.2915	1172.5685	1172.5673	0.98	1	17	1.3	U	L.RSLEGSDEAPL.L
2757	–	2767	587.2906	1172.5666	1172.5673	-0.58	1	22	0.47	U	L.RSLEGSDEAPL.L
2768	–	2772	343.2268	684.4391	684.4395	-0.51	1	9	3	U	L.LQRRL.D
2768	–	2772	343.2268	684.4391	684.4395	-0.59	1	10	2.9	U	L.LQRRL.D
2768	–	2772	343.2267	684.4389	684.4395	-0.86	1	8	4.1	U	L.LQRRL.D
2769	–	2777	597.2958	1192.5771	1192.5771	0.016	1	13	3.8	U	L.QRRLDNMNF.K

2769	-	2777	398.5334	1192.5782	1192.5771	0.95	1	8	14	U	L.QRRLDNMNF.K
2769	-	2777	398.5329	1192.5768	1192.5771	-0.28	1	2	48	U	L.QRRLDNMNF.K
2769	-	2777	597.2959	1192.5772	1192.5771	0.12	1	13	4.2	U	L.QRRLDNMNF.K
2769	-	2777	597.295	1192.5755	1192.5771	-1.31	1	18	1.2	U	L.QRRLDNMNF.K
2769	-	2777	398.5331	1192.5774	1192.5771	0.26	1	14	3	U	L.QRRLDNMNF.K
2769	-	2777	398.5332	1192.5777	1192.5771	0.49	1	7	18	U	L.QRRLDNMNF.K
2773	-	2779	477.7103	953.406	953.4065	-0.57	1	11	4.6	U	L.DNMNFKW.S
2773	-	2779	477.7108	953.407	953.4065	0.52	1	8	10	U	L.DNMNFKW.S
2773	-	2779	477.7109	953.4073	953.4065	0.77	1	6	16	U	L.DNMNFKW.S
2773	-	2779	477.7108	953.4071	953.4065	0.58	1	16	1.5	U	L.DNMNFKW.S
2778	-	2782	331.679	661.3435	661.3435	0.054	1	26	0.1	U	F.KWSEL.Q
2778	-	2782	331.6801	661.3457	661.3435	3.28	1	21	0.64	U	F.KWSEL.Q
2778	-	2782	331.679	661.3434	661.3435	-0.13	1	24	0.14	U	F.KWSEL.Q
2778	-	2782	331.6791	661.3437	661.3435	0.33	1	24	0.27	U	F.KWSEL.Q
2778	-	2782	331.679	661.3435	661.3435	-0.039	1	26	0.11	U	F.KWSEL.Q
2778	-	2782	331.6797	661.3449	661.3435	2.08	1	19	1	U	F.KWSEL.Q
2778	-	2782	331.6788	661.343	661.3435	-0.78	1	26	0.1	U	F.KWSEL.Q
2778	-	2782	331.6793	661.344	661.3435	0.79	1	29	0.084	U	F.KWSEL.Q
2780	-	2787	466.7742	931.5338	931.5338	-0.027	1	35	0.013	U	W.SELQKKSL.N
2780	-	2787	311.5186	931.534	931.5338	0.22	1	22	0.29	U	W.SELQKKSL.N
2780	-	2787	466.7743	931.534	931.5338	0.17	1	28	0.07	U	W.SELQKKSL.N
2780	-	2787	311.5187	931.5344	931.5338	0.62	1	17	0.85	U	W.SELQKKSL.N
2780	-	2787	466.7739	931.5332	931.5338	-0.62	1	28	0.075	U	W.SELQKKSL.N
2780	-	2787	311.5185	931.5336	931.5338	-0.27	1	15	1.5	U	W.SELQKKSL.N
2780	-	2787	466.7738	931.5331	931.5338	-0.75	1	34	0.016	U	W.SELQKKSL.N
2780	-	2787	311.5187	931.5342	931.5338	0.42	1	14	1.6	U	W.SELQKKSL.N
2783	-	2787	302.1949	602.3753	602.3751	0.34	0	9	2.9	U	L.QKKSL.N
2783	-	2787	302.1953	602.3759	602.3751	1.35	0	10	2.3	U	L.QKKSL.N
2783	-	2787	302.1949	602.3752	602.3751	0.13	0	17	0.51	U	L.QKKSL.N
2783	-	2787	302.1953	602.3761	602.3751	1.66	0	16	0.67	U	L.QKKSL.N
2783	-	2787	302.1958	602.3771	602.3751	3.28	0	11	1.9	U	L.QKKSL.N
2783	-	2787	302.1947	602.3748	602.3751	-0.57	0	18	0.45	U	L.QKKSL.N
2783	-	2787	302.1949	602.3752	602.3751	0.035	0	12	1.4	U	L.QKKSL.N
2783	-	2787	302.1949	602.3753	602.3751	0.34	0	16	0.69	U	L.QKKSL.N
2783	-	2787	302.1952	602.3759	602.3751	1.25	0	12	1.7	U	L.QKKSL.N
2788	-	2793	370.2143	738.414	738.4137	0.44	0	16	0.76	U	L.NIRSHL.E
2788	-	2793	370.2144	738.4142	738.4137	0.77	0	17	0.62	U	L.NIRSHL.E
2788	-	2800	771.8679	1541.7212	1541.7222	-0.7	1	44	0.0032	U	L.NIRSHLEASSDQW.K

2788	-	2800	514.9146	1541.722	1541.7222	-0.15	1	33	0.04	U	L.NIRSHLEASDQW.K
2788	-	2793	370.2141	738.4136	738.4137	-0.056	0	14	1.4	U	L.NIRSHL.E
2788	-	2793	370.2142	738.4139	738.4137	0.36	0	11	2.8	U	L.NIRSHL.E
2788	-	2800	514.9146	1541.722	1541.7222	-0.15	1	47	0.0016	U	L.NIRSHLEASDQW.K
2788	-	2800	771.8684	1541.7223	1541.7222	0.013	1	52	0.00054	U	L.NIRSHLEASDQW.K
2788	-	2793	370.214	738.4134	738.4137	-0.39	0	15	1.1	U	L.NIRSHL.E
2788	-	2793	370.2143	738.4141	738.4137	0.61	0	14	1.4	U	L.NIRSHL.E
2788	-	2800	771.8682	1541.7218	1541.7222	-0.3	1	62	5.50E-05	U	L.NIRSHLEASDQW.K
2788	-	2800	514.9148	1541.7226	1541.7222	0.2	1	21	0.62	U	L.NIRSHLEASDQW.K
2788	-	2793	370.2141	738.4137	738.4137	0.11	0	14	1.3	U	L.NIRSHL.E
2788	-	2793	370.2142	738.4138	738.4137	0.19	0	16	0.88	U	L.NIRSHL.E
2788	-	2800	771.8683	1541.7221	1541.7222	-0.066	1	47	0.0015	U	L.NIRSHLEASDQW.K
2788	-	2800	514.915	1541.7231	1541.7222	0.56	1	36	0.019	U	L.NIRSHLEASDQW.K
2845	-	2859	591.6818	1772.0236	1772.0229	0.39	1	7	2.4	U	F.KRELKTKEPVIMSTL.E
2845	-	2859	597.3483	1789.023	1788.0179	562	1	7	1.7	U	F.KRELKTKEPVIMSTL.E + Oxidation (M)
2849	-	2859	623.858	1245.7015	1245.7002	1.02	0	50	0.00023	U	L.KTKEPVIMSTL.E
2849	-	2859	416.2417	1245.7034	1245.7002	2.51	0	31	0.021	U	L.KTKEPVIMSTL.E
2849	-	2859	421.5729	1261.6968	1261.6952	1.3	0	7	5.6	U	L.KTKEPVIMSTL.E + Oxidation (M)
2849	-	2865	664.7115	1991.1126	1991.1125	0.058	1	50	0.00012	U	L.KTKEPVIMSTLETVRIF.L
2849	-	2865	670.0428	2007.1065	2007.1074	-0.45	1	73	8.70E-07	U	L.KTKEPVIMSTLETVRIF.L + Oxidation (M)
2849	-	2859	623.8569	1245.6993	1245.7002	-0.74	0	52	0.00019	U	L.KTKEPVIMSTL.E
2849	-	2859	416.2405	1245.6998	1245.7002	-0.36	0	8	6	U	L.KTKEPVIMSTL.E
2849	-	2859	421.5721	1261.6944	1261.6952	-0.59	0	6	9.2	U	L.KTKEPVIMSTL.E + Oxidation (M)
2849	-	2865	664.7133	1991.1181	1991.1125	2.82	1	42	0.00072	U	L.KTKEPVIMSTLETVRIF.L
2849	-	2859	623.8573	1245.7	1245.7002	-0.15	0	47	0.00063	U	L.KTKEPVIMSTL.E
2849	-	2859	416.2408	1245.7004	1245.7002	0.15	0	24	0.13	U	L.KTKEPVIMSTL.E
2849	-	2859	416.2408	1245.7006	1245.7002	0.3	0	13	1.6	U	L.KTKEPVIMSTL.E
2849	-	2859	623.8576	1245.7007	1245.7002	0.33	0	53	0.00014	U	L.KTKEPVIMSTL.E
2849	-	2865	664.7114	1991.1123	1991.1125	-0.13	1	66	3.00E-06	U	L.KTKEPVIMSTLETVRIF.L
2860	-	2865	382.7185	763.4225	763.4228	-0.41	0	14	1.9	U	L.ETVRIF.L
2860	-	2865	382.7188	763.4231	763.4228	0.31	0	17	1.1	U	L.ETVRIF.L
2860	-	2865	382.7187	763.4229	763.4228	0.065	0	15	1.4	U	L.ETVRIF.L
2860	-	2865	382.7186	763.4227	763.4228	-0.17	0	14	1.8	U	L.ETVRIF.L
2872	-	2877	344.6973	687.38	687.3803	-0.44	1	11	6.6	U	L.EGLEKLY
2872	-	2877	344.6976	687.3807	687.3803	0.63	1	13	4.1	U	L.EGLEKLY
2878	-	2896	582.0537	2324.1857	2324.1873	-0.65	1	6	7.2	U	L.YQEPRELPPEERAQNVTRL.L
2878	-	2896	582.3038	2325.186	2324.1873	430	1	7	6.3	U	L.YQEPRELPPEERAQNVTRL.L
2878	-	2896	582.054	2324.187	2324.1873	-0.13	1	13	1.6	U	L.YQEPRELPPEERAQNVTRL.L

2878	-	2896	775.7368	2324.1884	2324.1873	0.51	1	6	7.1	U	L.YQEPRELPPPEERAQNVTRL.L
2878	-	2896	582.0536	2324.1855	2324.1873	-0.76	1	9	3.8	U	L.YQEPRELPPPEERAQNVTRL.L
2878	-	2896	775.7369	2324.1888	2324.1873	0.67	1	4	12	U	L.YQEPRELPPPEERAQNVTRL.L
2878	-	2896	775.7353	2324.184	2324.1873	-1.38	1	11	2.5	U	L.YQEPRELPPPEERAQNVTRL.L
2878	-	2896	582.0534	2324.1845	2324.1873	-1.18	1	6	7.6	U	L.YQEPRELPPPEERAQNVTRL.L
2878	-	2896	776.0698	2325.1876	2324.1873	430	1	3	17	U	L.YQEPRELPPPEERAQNVTRL.L
2878	-	2896	582.3051	2325.1914	2324.1873	432	1	2	20	U	L.YQEPRELPPPEERAQNVTRL.L
2879	-	2896	721.382	2161.124	2161.1239	0.053	0	22	0.18	U	Y.QEPRELPPPEERAQNVTRL.L
2879	-	2896	541.2885	2161.1247	2161.1239	0.36	0	22	0.18	U	Y.QEPRELPPPEERAQNVTRL.L
2879	-	2897	759.0748	2274.2027	2274.208	-2.35	1	26	0.051	U	Y.QEPRELPPPEERAQNVTRLL.R
2879	-	2897	569.5588	2274.206	2274.208	-0.87	1	9	2.8	U	Y.QEPRELPPPEERAQNVTRLL.R
2879	-	2896	721.3818	2161.1235	2161.1239	-0.2	0	7	5.3	U	Y.QEPRELPPPEERAQNVTRL.L
2879	-	2896	541.2885	2161.1247	2161.1239	0.36	0	12	1.7	U	Y.QEPRELPPPEERAQNVTRL.L
2879	-	2897	759.0762	2274.2067	2274.208	-0.57	1	13	1	U	Y.QEPRELPPPEERAQNVTRLL.R
2879	-	2897	569.5594	2274.2084	2274.208	0.2	1	13	0.98	U	Y.QEPRELPPPEERAQNVTRLL.R
2879	-	2896	721.3823	2161.125	2161.1239	0.48	0	15	0.79	U	Y.QEPRELPPPEERAQNVTRL.L
2879	-	2896	541.2887	2161.1257	2161.1239	0.81	0	14	1.1	U	Y.QEPRELPPPEERAQNVTRL.L
2879	-	2896	541.5385	2162.1249	2161.1239	463	0	0	25	U	Y.QEPRELPPPEERAQNVTRL.L
2879	-	2897	759.0764	2274.2074	2274.208	-0.25	1	31	0.015	U	Y.QEPRELPPPEERAQNVTRLL.R
2879	-	2897	569.5596	2274.2094	2274.208	0.63	1	20	0.18	U	Y.QEPRELPPPEERAQNVTRLL.R
2879	-	2896	721.3821	2161.1244	2161.1239	0.22	0	9	3.2	U	Y.QEPRELPPPEERAQNVTRL.L
2879	-	2896	541.2889	2161.1264	2161.1239	1.15	0	22	0.16	U	Y.QEPRELPPPEERAQNVTRL.L
2879	-	2897	759.0762	2274.2067	2274.208	-0.57	1	23	0.11	U	Y.QEPRELPPPEERAQNVTRLL.R
2879	-	2897	569.5595	2274.2089	2274.208	0.41	1	12	1.2	U	Y.QEPRELPPPEERAQNVTRLL.R
2897	-	2908	736.8777	1471.7408	1471.7419	-0.73	1	39	0.0084	U	L.LRKQAEVNAEW.D
2897	-	2908	491.5879	1471.7418	1471.7419	-0.036	1	24	0.25	U	L.LRKQAEVNAEW.D
2897	-	2908	736.8787	1471.7428	1471.7419	0.59	1	38	0.0093	U	L.LRKQAEVNAEW.D
2897	-	2908	491.5883	1471.7431	1471.7419	0.83	1	25	0.2	U	L.LRKQAEVNAEW.D
2897	-	2908	491.5875	1471.7407	1471.7419	-0.78	1	9	7.6	U	L.LRKQAEVNAEW.D
2897	-	2908	736.8785	1471.7424	1471.7419	0.35	1	33	0.03	U	L.LRKQAEVNAEW.D
2897	-	2908	736.8782	1471.7418	1471.7419	-0.069	1	38	0.01	U	L.LRKQAEVNAEW.D
2897	-	2908	491.588	1471.7422	1471.7419	0.21	1	17	1.2	U	L.LRKQAEVNAEW.D
2897	-	2908	737.3796	1472.7447	1471.7419	681	1	36	0.015	U	L.LRKQAEVNAEW.D
2898	-	2908	453.8933	1358.6581	1358.6578	0.2	0	21	0.55	U	L.LRKQAEVNAEW.D
2898	-	2908	680.3366	1358.6587	1358.6578	0.61	0	25	0.21	U	L.LRKQAEVNAEW.D
2898	-	2911	572.6273	1714.8601	1714.8638	-2.14	1	38	0.0091	U	L.LRKQAEVNAEWDKL.N
2898	-	2911	429.7233	1714.8641	1714.8638	0.17	1	27	0.13	U	L.LRKQAEVNAEWDKL.N
2898	-	2911	858.4395	1714.8644	1714.8638	0.32	1	49	0.00075	U	L.LRKQAEVNAEWDKL.N

2898	-	2911	572.6291	1714.8654	1714.8638	0.96	1	41	0.0054	U	L.RKQAEVNAEWDKL.N
2898	-	2908	453.8931	1358.6576	1358.6578	-0.21	0	17	1.4	U	L.RKQAEVNAEW.D
2898	-	2908	680.3362	1358.6579	1358.6578	0.071	0	28	0.11	U	L.RKQAEVNAEW.D
2898	-	2911	572.6277	1714.8612	1714.8638	-1.5	1	42	0.004	U	L.RKQAEVNAEWDKL.N
2898	-	2911	572.6284	1714.8634	1714.8638	-0.22	1	24	0.22	U	L.RKQAEVNAEWDKL.N
2898	-	2911	429.7232	1714.8637	1714.8638	-0.047	1	32	0.039	U	L.RKQAEVNAEWDKL.N
2898	-	2911	858.4393	1714.8641	1714.8638	0.18	1	50	0.00066	U	L.RKQAEVNAEWDKL.N
2898	-	2908	453.8933	1358.6581	1358.6578	0.2	0	20	0.67	U	L.RKQAEVNAEW.D
2898	-	2908	680.3364	1358.6582	1358.6578	0.25	0	31	0.058	U	L.RKQAEVNAEW.D
2898	-	2911	572.6281	1714.8625	1714.8638	-0.75	1	29	0.079	U	L.RKQAEVNAEWDKL.N
2898	-	2911	858.4388	1714.8631	1714.8638	-0.39	1	28	0.085	U	L.RKQAEVNAEWDKL.N
2898	-	2911	572.6284	1714.8632	1714.8638	-0.32	1	34	0.024	U	L.RKQAEVNAEWDKL.N
2898	-	2911	429.7233	1714.8641	1714.8638	0.17	1	33	0.03	U	L.RKQAEVNAEWDKL.N
2898	-	2911	572.6287	1714.8643	1714.8638	0.32	1	1	47	U	L.RKQAEVNAEWDKL.N
2898	-	2911	572.9629	1715.8668	1714.8638	585	1	10	5.5	U	L.RKQAEVNAEWDKL.N
2898	-	2908	680.3362	1358.6579	1358.6578	0.071	0	31	0.062	U	L.RKQAEVNAEW.D
2898	-	2908	453.8933	1358.6581	1358.6578	0.2	0	18	1.1	U	L.RKQAEVNAEW.D
2898	-	2911	572.6281	1714.8625	1714.8638	-0.75	1	43	0.0034	U	L.RKQAEVNAEWDKL.N
2898	-	2911	429.7233	1714.8641	1714.8638	0.17	1	24	0.24	U	L.RKQAEVNAEWDKL.N
2898	-	2911	858.4397	1714.8648	1714.8638	0.61	1	48	0.00099	U	L.RKQAEVNAEWDKL.N
2898	-	2911	572.6292	1714.8658	1714.8638	1.17	1	16	1.5	U	L.RKQAEVNAEWDKL.N
2912	-	2918	431.2144	860.4142	860.414	0.2	1	30	0.078	U	L.NLRSADW.Q
2912	-	2918	431.2139	860.4133	860.414	-0.86	1	26	0.15	U	L.NLRSADW.Q
2912	-	2918	431.2142	860.4138	860.414	-0.3	1	30	0.076	U	L.NLRSADW.Q
2912	-	2918	431.2143	860.414	860.414	-0.083	1	32	0.05	U	L.NLRSADW.Q
2912	-	2918	431.214	860.4135	860.414	-0.58	1	23	0.34	U	L.NLRSADW.Q
2912	-	2918	431.2143	860.414	860.414	-0.013	1	35	0.022	U	L.NLRSADW.Q
2914	-	2918	317.651	633.2875	633.2871	0.7	0	14	1.7	U	L.RSADW.Q
2914	-	2918	317.6508	633.2871	633.2871	0.032	0	16	1.2	U	L.RSADW.Q
2914	-	2918	317.6508	633.287	633.2871	-0.16	0	12	3.2	U	L.RSADW.Q
2914	-	2918	317.6511	633.2877	633.2871	0.99	0	12	2.8	U	L.RSADW.Q
2919	-	2926	486.7771	971.5397	971.54	-0.26	0	30	0.044	U	W.QRKIDEAL.E
2919	-	2926	324.854	971.5401	971.54	0.13	0	19	0.49	U	W.QRKIDEAL.E
2919	-	2929	457.5965	1369.7678	1369.7677	0.028	1	28	0.033	U	W.QRKIDEALERL.Q
2919	-	2926	486.7773	971.54	971.54	0.052	0	30	0.034	U	W.QRKIDEAL.E
2919	-	2926	324.854	971.5403	971.54	0.32	0	21	0.33	U	W.QRKIDEAL.E
2919	-	2929	457.5965	1369.7678	1369.7677	0.028	1	37	0.0048	U	W.QRKIDEALERL.Q
2919	-	2926	324.8539	971.5398	971.54	-0.15	0	9	6	U	W.QRKIDEAL.E

2919	-	2926	486.7773	971.5401	971.54	0.18	0	27	0.08	U	W.QRKIDEAL.E
2919	-	2929	457.5965	1369.7676	1369.7677	-0.11	1	29	0.026	U	W.QRKIDEALERL.Q
2919	-	2929	457.9309	1370.771	1369.7677	732	1	40	0.0025	U	W.QRKIDEALERL.Q
2919	-	2926	486.777	971.5394	971.54	-0.58	0	22	0.25	U	W.QRKIDEAL.E
2919	-	2929	457.5967	1369.7682	1369.7677	0.36	1	43	0.0013	U	W.QRKIDEALERL.Q
2927	-	2932	394.2189	786.4232	786.4235	-0.44	1	30	0.056		L.ERLQEL.Q
2927	-	2932	394.2192	786.4239	786.4235	0.49	1	18	1	U	L.ERLQEL.Q
2930	-	2939	573.2695	1144.5245	1144.5248	-0.22	1	14	3.1	U	L.QELQEADEL.D
2930	-	2939	573.2698	1144.525	1144.5248	0.2	1	9	8.9	U	L.QELQEADEL.D
2944	-	2953	587.3229	1172.6312	1172.6302	0.86	0	31	0.031	U	L.RQAEVIKGSW.Q
2944	-	2953	391.8837	1172.6293	1172.6302	-0.79	0	27	0.074	U	L.RQAEVIKGSW.Q
2944	-	2953	587.3226	1172.6306	1172.6302	0.34	0	30	0.04	U	L.RQAEVIKGSW.Q
2944	-	2953	587.3228	1172.6311	1172.6302	0.76	0	27	0.09	U	L.RQAEVIKGSW.Q
2944	-	2953	391.8843	1172.6312	1172.6302	0.85	0	33	0.018	U	L.RQAEVIKGSW.Q
2944	-	2953	391.8839	1172.63	1172.6302	-0.16	0	28	0.066	U	L.RQAEVIKGSW.Q
2944	-	2953	587.3224	1172.6302	1172.6302	0.031	0	49	0.00057	U	L.RQAEVIKGSW.Q
2965	-	2974	394.2278	1179.6614	1179.6611	0.24	1	21	0.17	U	L.QDHLEKVKAL.R
2965	-	2974	394.2277	1179.6612	1179.6611	0.085	1	24	0.094	U	L.QDHLEKVKAL.R
2965	-	2974	394.2276	1179.6611	1179.6611	-0.07	1	17	0.52	U	L.QDHLEKVKAL.R
2965	-	2974	394.2276	1179.6611	1179.6611	-0.07	1	24	0.097	U	L.QDHLEKVKAL.R
2975	-	2981	378.2239	754.4333	754.4337	-0.52	0	18	0.36	U	L.RGEIAPL.K
2975	-	2981	378.2242	754.4339	754.4337	0.21	0	22	0.15	U	L.RGEIAPL.K
2975	-	2981	378.2241	754.4337	754.4337	-0.034	0	32	0.018	U	L.RGEIAPL.K
2975	-	2981	378.2242	754.4338	754.4337	0.048	0	31	0.021	U	L.RGEIAPL.K
2975	-	2981	378.224	754.4334	754.4337	-0.44	0	33	0.014	U	L.RGEIAPL.K
2982	-	2991	400.8825	1199.6256	1199.6258	-0.18	0	10	5.9	U	L.KENVNRVNDL.A
2982	-	2991	600.8206	1199.6267	1199.6258	0.72	0	40	0.0066	U	L.KENVNRVNDL.A
2982	-	2995	413.223	1648.863	1648.8645	-0.91	1	4	18	U	L.KENVNRVNDLAHQL.T
2982	-	2995	550.6287	1648.8643	1648.8645	-0.089	1	7	8.6	U	L.KENVNRVNDLAHQL.T
2982	-	2991	600.8203	1199.6259	1199.6258	0.11	0	29	0.085	U	L.KENVNRVNDL.A
2982	-	2995	413.2233	1648.8641	1648.8645	-0.24	1	11	3.6	U	L.KENVNRVNDLAHQL.T
2982	-	2995	550.6291	1648.8656	1648.8645	0.69	1	10	4.7	U	L.KENVNRVNDLAHQL.T
2982	-	2991	600.8206	1199.6266	1199.6258	0.62	0	39	0.0072	U	L.KENVNRVNDL.A
2982	-	2995	413.2225	1648.861	1648.8645	-2.1	1	6	13	U	L.KENVNRVNDLAHQL.T
2982	-	2995	550.6287	1648.8643	1648.8645	-0.089	1	17	0.91	U	L.KENVNRVNDLAHQL.T
2982	-	2991	600.8206	1199.6266	1199.6258	0.62	0	25	0.21	U	L.KENVNRVNDL.A
2982	-	2995	825.4385	1648.8624	1648.8645	-1.26	1	21	0.38	U	L.KENVNRVNDLAHQL.T
2982	-	2995	550.6288	1648.8647	1648.8645	0.13	1	9	6.2	U	L.KENVNRVNDLAHQL.T

2992	-	2998	392.2217	782.4289	782.4286	0.36	1	21	0.35	U	L.AHQLTTL.G
2992	-	2998	392.2216	782.4287	782.4286	0.12	1	25	0.14	U	L.AHQLTTL.G
2992	-	2998	392.2218	782.429	782.4286	0.43	1	24	0.18	U	L.AHQLTTL.G
2992	-	2998	392.2216	782.4286	782.4286	-0.033	1	26	0.08	U	L.AHQLTTL.G
3011	-	3017	467.2252	932.4358	932.4352	0.63	1	30	0.07	U	L.EDLNTRW.R
3011	-	3017	467.225	932.4355	932.4352	0.3	1	41	0.005	U	L.EDLNTRW.R
3011	-	3017	467.2249	932.4352	932.4352	-0.027	1	26	0.16	U	L.EDLNTRW.R
3011	-	3017	467.2247	932.4348	932.4352	-0.42	1	29	0.085	U	L.EDLNTRW.R
3021	-	3031	438.2491	1311.7255	1311.7259	-0.29	0	13	1.2	U	L.QVAVEDRVRQL.H
3021	-	3031	656.8703	1311.726	1311.7259	0.12	0	16	0.67	U	L.QVAVEDRVRQL.H
3021	-	3038	552.0372	2204.1196	2204.1199	-0.14	1	9	4	U	L.QVAVEDRVRQLHEAHRDF.G
3021	-	3038	441.8315	2204.1213	2204.1199	0.66	1	12	2.3	U	L.QVAVEDRVRQLHEAHRDF.G
3021	-	3031	656.8706	1311.7267	1311.7259	0.58	0	21	0.2	U	L.QVAVEDRVRQL.H
3021	-	3031	438.2496	1311.727	1311.7259	0.83	0	10	2.5	U	L.QVAVEDRVRQL.H
3021	-	3038	441.8313	2204.1203	2204.1199	0.17	1	20	0.38	U	L.QVAVEDRVRQLHEAHRDF.G
3021	-	3031	438.2492	1311.7258	1311.7259	-0.075	0	19	0.38	U	L.QVAVEDRVRQL.H
3021	-	3031	656.8704	1311.7262	1311.7259	0.21	0	21	0.22	U	L.QVAVEDRVRQL.H
3021	-	3031	438.5829	1312.7267	1311.7259	763	0	15	0.93	U	L.QVAVEDRVRQL.H
3021	-	3031	656.8697	1311.7248	1311.7259	-0.81	0	25	0.094	U	L.QVAVEDRVRQL.H
3021	-	3031	438.2492	1311.7259	1311.7259	-0.0061	0	10	2.6	U	L.QVAVEDRVRQL.H
3021	-	3038	552.037	2204.1191	2204.1199	-0.36	1	4	14	U	L.QVAVEDRVRQLHEAHRDF.G
3021	-	3038	552.2876	2205.1213	2204.1199	454	1	12	2.2	U	L.QVAVEDRVRQLHEAHRDF.G
3032	-	3038	456.2097	910.4048	910.4046	0.29	0	16	1.9	U	L.HEAHRDF.G
3032	-	3038	304.4757	910.4052	910.4046	0.71	0	11	6.8	U	L.HEAHRDF.G
3032	-	3045	409.6902	1634.7318	1634.7338	-1.27	1	11	7.6	U	L.HEAHRDFGPASQHF.L
3032	-	3045	545.9181	1634.7324	1634.7338	-0.85	1	10	8.3	U	L.HEAHRDFGPASQHF.L
3032	-	3045	545.9183	1634.733	1634.7338	-0.52	1	17	1.9	U	L.HEAHRDFGPASQHF.L
3032	-	3045	409.6907	1634.7336	1634.7338	-0.15	1	12	5.5	U	L.HEAHRDFGPASQHF.L
3032	-	3045	545.9186	1634.7339	1634.7338	0.042	1	20	0.77	U	L.HEAHRDFGPASQHF.L
3032	-	3045	546.2535	1635.7388	1634.7338	615	1	15	2.4	U	L.HEAHRDFGPASQHF.L
3032	-	3038	456.2095	910.4045	910.4046	-0.044	0	18	1.4	U	L.HEAHRDF.G
3032	-	3038	304.4757	910.4053	910.4046	0.81	0	11	7	U	L.HEAHRDF.G
3032	-	3045	409.6908	1634.7341	1634.7338	0.15	1	11	6.5	U	L.HEAHRDFGPASQHF.L
3032	-	3045	545.9188	1634.7346	1634.7338	0.49	1	20	0.85	U	L.HEAHRDFGPASQHF.L
3032	-	3045	545.9188	1634.7346	1634.7338	0.49	1	18	1.4	U	L.HEAHRDFGPASQHF.L
3032	-	3045	545.9188	1634.7346	1634.7338	0.49	1	23	0.45	U	L.HEAHRDFGPASQHF.L
3032	-	3045	409.6916	1634.7371	1634.7338	2.01	1	9	9.7	U	L.HEAHRDFGPASQHF.L
3032	-	3045	546.2537	1635.7393	1634.7338	615	1	13	4.1	U	L.HEAHRDFGPASQHF.L

3032	-	3045	409.9422	1635.7396	1634.7338	615	1	9	11	U	L.HEAHRDFGPASQHF.L
3032	-	3038	304.4755	910.4046	910.4046	0.0088	0	9	10	U	L.HEAHRDF.G
3032	-	3038	456.2096	910.4046	910.4046	0.09	0	19	0.97	U	L.HEAHRDF.G
3032	-	3045	545.9183	1634.7332	1634.7338	-0.41	1	8	15	U	L.HEAHRDFGPASQHF.L
3032	-	3045	409.691	1634.7349	1634.7338	0.67	1	13	4.4	U	L.HEAHRDFGPASQHF.L
3032	-	3045	545.9189	1634.735	1634.7338	0.71	1	9	11	U	L.HEAHRDFGPASQHF.L
3032	-	3045	546.2529	1635.737	1634.7338	614	1	5	27	U	L.HEAHRDFGPASQHF.L
3032	-	3038	456.2094	910.4041	910.4046	-0.45	0	20	0.84	U	L.HEAHRDF.G
3032	-	3038	304.4755	910.4047	910.4046	0.11	0	11	6.2	U	L.HEAHRDF.G
3032	-	3045	409.6902	1634.7319	1634.7338	-1.2	1	10	9.4	U	L.HEAHRDFGPASQHF.L
3032	-	3045	545.9185	1634.7335	1634.7338	-0.18	1	6	21	U	L.HEAHRDFGPASQHF.L
3032	-	3045	409.6907	1634.7337	1634.7338	-0.079	1	11	6.5	U	L.HEAHRDFGPASQHF.L
3032	-	3045	545.9189	1634.7348	1634.7338	0.6	1	18	1.3	U	L.HEAHRDFGPASQHF.L
3032	-	3045	546.2541	1635.7406	1634.7338	616	1	11	7.3	U	L.HEAHRDFGPASQHF.L
3039	-	3045	372.1773	742.34	742.3398	0.21	0	16	1.6	U	F.GPASQHF.L
3039	-	3046	428.7191	855.4237	855.4239	-0.19	1	14	2.6	U	F.GPASQHFL.S
3039	-	3045	372.1774	742.3402	742.3398	0.46	0	29	0.082	U	F.GPASQHF.L
3039	-	3046	428.7193	855.424	855.4239	0.096	1	16	1.7	U	F.GPASQHFL.S
3046	-	3054	487.7506	973.4867	973.4869	-0.18	1	10	9	U	F.LSTSVQGPW.E
3046	-	3054	487.7504	973.4862	973.4869	-0.75	1	6	19	U	F.LSTSVQGPW.E
3046	-	3054	487.7511	973.4876	973.4869	0.76	1	12	4.1	U	F.LSTSVQGPW.E
3055	-	3065	637.3475	1272.6804	1272.6826	-1.73	0	19	0.69		W.ERAISPKNKVPY.Y
3055	-	3065	425.2349	1272.6828	1272.6826	0.12	0	38	0.0073		W.ERAISPKNKVPY.Y
3055	-	3065	637.349	1272.6834	1272.6826	0.66	0	32	0.025		W.ERAISPKNKVPY.Y
3055	-	3065	677.3318	1352.6491	1352.6489	0.16	0	31	0.064		W.ERAISPKNKVPY.Y + Phospho (ST)
3055	-	3065	637.3479	1272.6812	1272.6826	-1.06	0	58	8.50E-05		W.ERAISPKNKVPY.Y
3055	-	3065	425.2345	1272.6818	1272.6826	-0.66	0	34	0.019		W.ERAISPKNKVPY.Y
3055	-	3065	637.3486	1272.6826	1272.6826	-0.0079	0	13	2.4		W.ERAISPKNKVPY.Y
3055	-	3065	637.8506	1273.6867	1272.6826	789	0	21	0.37		W.ERAISPKNKVPY.Y
3055	-	3065	677.3317	1352.6489	1352.6489	-0.019	0	29	0.096		W.ERAISPKNKVPY.Y + Phospho (ST)
3055	-	3065	425.2348	1272.6825	1272.6826	-0.09	0	35	0.013		W.ERAISPKNKVPY.Y
3055	-	3065	637.3486	1272.6827	1272.6826	0.088	0	35	0.015		W.ERAISPKNKVPY.Y
3055	-	3065	637.3492	1272.6838	1272.6826	0.95	0	14	1.6		W.ERAISPKNKVPY.Y
3055	-	3065	637.8508	1273.687	1272.6826	789	0	14	1.7		W.ERAISPKNKVPY.Y
3055	-	3065	677.3321	1352.6496	1352.6489	0.52	0	33	0.044		W.ERAISPKNKVPY.Y + Phospho (ST)
3055	-	3065	425.2343	1272.6809	1272.6826	-1.31	0	38	0.008		W.ERAISPKNKVPY.Y
3055	-	3065	637.3478	1272.6811	1272.6826	-1.16	0	37	0.0093		W.ERAISPKNKVPY.Y
3055	-	3065	637.3492	1272.6839	1272.6826	1.05	0	17	0.76		W.ERAISPKNKVPY.Y

3055	-	3065	637.8506	1273.6866	1272.6826	789	0	32	0.029	W.ERAISPKNKVPY.Y
3055	-	3065	677.3313	1352.648	1352.6489	-0.65	0	32	0.051	W.ERAISPKNKVPY.Y + Phospho (ST)
3077	-	3084	485.7368	969.459	969.459	0.0041	0	16	2.8	W.DHPKMTEL.Y
3077	-	3084	493.7346	985.4546	985.4539	0.7	0	14	3.9	W.DHPKMTEL.Y + Oxidation (M)
3077	-	3085	378.5146	1132.5221	1132.5223	-0.14	1	21	0.83	W.DHPKMTELY.Q
3077	-	3085	567.2684	1132.5223	1132.5223	0.032	1	23	0.47	W.DHPKMTELY.Q
3077	-	3085	567.2686	1132.5227	1132.5223	0.35	1	21	0.65	W.DHPKMTELY.Q
3077	-	3085	575.2654	1148.5162	1148.5172	-0.86	1	6	26	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3085	575.2657	1148.5168	1148.5172	-0.33	1	4	34	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3085	575.2661	1148.5177	1148.5172	0.42	1	14	3.6	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3085	575.2665	1148.5184	1148.5172	1.05	1	13	4.3	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3084	485.7367	969.4588	969.459	-0.12	0	28	0.18	W.DHPKMTEL.Y
3077	-	3084	493.7342	985.4538	985.4539	-0.042	0	25	0.37	W.DHPKMTEL.Y + Oxidation (M)
3077	-	3085	567.2682	1132.5219	1132.5223	-0.29	1	23	0.45	W.DHPKMTELY.Q
3077	-	3085	378.5146	1132.5221	1132.5223	-0.14	1	21	0.69	W.DHPKMTELY.Q
3077	-	3085	567.2687	1132.5228	1132.5223	0.46	1	20	0.91	W.DHPKMTELY.Q
3077	-	3085	575.2653	1148.5161	1148.5172	-0.97	1	1	77	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3085	575.266	1148.5174	1148.5172	0.2	1	19	1.1	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3085	575.7678	1149.5211	1148.5172	874	1	1	60	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3084	485.737	969.4594	969.459	0.51	0	21	0.94	W.DHPKMTEL.Y
3077	-	3085	378.5145	1132.5217	1132.5223	-0.55	1	0	84	W.DHPKMTELY.Q
3077	-	3085	567.2681	1132.5217	1132.5223	-0.51	1	16	2	W.DHPKMTELY.Q
3077	-	3085	567.2687	1132.5229	1132.5223	0.57	1	26	0.23	W.DHPKMTELY.Q
3077	-	3085	383.846	1148.5163	1148.5172	-0.79	1	0	85	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3085	575.2658	1148.5171	1148.5172	-0.12	1	15	2.8	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3084	485.7365	969.4585	969.459	-0.44	0	17	2.3	W.DHPKMTEL.Y
3077	-	3084	493.7344	985.4543	985.4539	0.39	0	4	42	W.DHPKMTEL.Y + Oxidation (M)
3077	-	3085	567.2683	1132.5221	1132.5223	-0.18	1	19	1	W.DHPKMTELY.Q
3077	-	3085	567.269	1132.5234	1132.5223	1	1	21	0.69	W.DHPKMTELY.Q
3077	-	3085	575.2661	1148.5176	1148.5172	0.31	1	2	52	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3085	575.2661	1148.5176	1148.5172	0.31	1	14	3.3	W.DHPKMTELY.Q + Oxidation (M)
3077	-	3085	575.2662	1148.5178	1148.5172	0.52	1	6	25	W.DHPKMTELY.Q + Oxidation (M)
3089	-	3096	474.7486	947.4826	947.4825	0.18	1	43	0.0037	L.ADLNNVRF.S
3089	-	3096	474.7486	947.4827	947.4825	0.25	1	48	0.0011	L.ADLNNVRF.S
3089	-	3096	474.7483	947.482	947.4825	-0.53	1	40	0.0075	L.ADLNNVRF.S
3089	-	3096	474.7484	947.4823	947.4825	-0.2	1	50	0.0008	L.ADLNNVRF.S
3092	-	3096	325.1745	648.3344	648.3344	0.054	0	27	0.18	L.NNVRF.S
3092	-	3096	325.1746	648.3346	648.3344	0.34	0	27	0.13	L.NNVRF.S

3092	-	3096	325.1744	648.3343	648.3344	-0.042	0	27	0.19	L.NNVRF.S
3092	-	3096	325.1746	648.3346	648.3344	0.34	0	28	0.12	L.NNVRF.S
3100	-	3105	368.2128	734.411	734.4109	0.24	0	18	1	Y.RTAMKL.R + Oxidation (M)
3100	-	3105	368.2126	734.4107	734.4109	-0.26	0	9	8	Y.RTAMKL.R + Oxidation (M)
3127	-	3141	603.6248	1807.8524	1807.8523	0.089	1	43	0.0035	U L.DQHNLKQNDQPM DIL.Q
3127	-	3141	603.625	1807.8532	1807.8523	0.49	1	33	0.041	U L.DQHNLKQNDQPM DIL.Q
3127	-	3141	603.6246	1807.8519	1807.8523	-0.22	1	15	2.3	U L.DQHNLKQNDQPM DIL.Q
3127	-	3141	603.625	1807.8532	1807.8523	0.49	1	41	0.0067	U L.DQHNLKQNDQPM DIL.Q
3132	-	3141	601.2983	1200.582	1200.5809	0.96	0	39	0.0088	U L.KQNDQPM DIL.Q
3132	-	3141	609.295	1216.5755	1216.5758	-0.2	0	32	0.045	U L.KQNDQPM DIL.Q + Oxidation (M)
3132	-	3141	601.2982	1200.5819	1200.5809	0.86	0	30	0.078	U L.KQNDQPM DIL.Q
3132	-	3141	609.2955	1216.5764	1216.5758	0.51	0	50	0.00073	U L.KQNDQPM DIL.Q + Oxidation (M)
3132	-	3141	601.2975	1200.5804	1200.5809	-0.36	0	42	0.0045	U L.KQNDQPM DIL.Q
3132	-	3141	609.2953	1216.5761	1216.5758	0.3	0	33	0.038	U L.KQNDQPM DIL.Q + Oxidation (M)
3132	-	3141	601.2977	1200.5808	1200.5809	-0.06	0	40	0.0081	U L.KQNDQPM DIL.Q
3132	-	3141	609.2955	1216.5765	1216.5758	0.61	0	40	0.0085	U L.KQNDQPM DIL.Q + Oxidation (M)
3148	-	3154	441.2395	880.4644	880.4654	-1.17	1	35	0.02	U L.TTIYDRL.E
3148	-	3154	441.2401	880.4656	880.4654	0.21	1	43	0.0033	U L.TTIYDRL.E
3148	-	3154	441.24	880.4654	880.4654	-0.064	1	34	0.023	U L.TTIYDRL.E
3148	-	3154	441.2399	880.4653	880.4654	-0.13	1	28	0.11	U L.TTIYDRL.E
3152	-	3161	634.3059	1266.5973	1266.5952	1.59	1	24	0.41	U Y.DRLEQEHN NL.V
3152	-	3161	423.2065	1266.5977	1266.5952	1.94	1	44	0.0042	U Y.DRLEQEHN NL.V
3152	-	3161	423.2058	1266.5957	1266.5952	0.36	1	34	0.042	U Y.DRLEQEHN NL.V
3152	-	3161	634.3054	1266.5962	1266.5952	0.73	1	19	1	U Y.DRLEQEHN NL.V
3152	-	3161	423.5403	1267.5991	1266.5952	793	1	7	19	U Y.DRLEQEHN NL.V
3152	-	3161	634.807	1267.5995	1266.5952	793	1	13	4.2	U Y.DRLEQEHN NL.V
3152	-	3161	423.2054	1266.5944	1266.5952	-0.66	1	19	1.2	U Y.DRLEQEHN NL.V
3152	-	3161	634.3055	1266.5964	1266.5952	0.92	1	28	0.17	U Y.DRLEQEHN NL.V
3152	-	3161	634.3056	1266.5967	1266.5952	1.11	1	23	0.46	U Y.DRLEQEHN NL.V
3152	-	3161	423.2065	1266.5976	1266.5952	1.87	1	32	0.069	U Y.DRLEQEHN NL.V
3155	-	3166	703.3573	1404.7	1404.6997	0.23	1	62	4.20E-05	U L.EQEHN NLVNVPL.C
3155	-	3166	703.3571	1404.6996	1404.6997	-0.12	1	62	4.30E-05	U L.EQEHN NLVNVPL.C
3155	-	3166	703.3588	1404.703	1404.6997	2.32	1	62	4.30E-05	U L.EQEHN NLVNVPL.C
3155	-	3166	703.3576	1404.7007	1404.6997	0.67	1	43	0.0032	U L.EQEHN NLVNVPL.C
3180	-	3190	622.3652	1242.7158	1242.7157	0.1	0	9	3	U Y.DTGRTGRIRVL.S
3180	-	3190	415.2459	1242.7158	1242.7157	0.12	0	4	8.3	U Y.DTGRTGRIRVL.S
3180	-	3190	415.2458	1242.7155	1242.7157	-0.1	0	3	12	U Y.DTGRTGRIRVL.S
3180	-	3190	622.3648	1242.7151	1242.7157	-0.49	0	1	18	U Y.DTGRTGRIRVL.S

3191	-	3199	483.2867	964.5589	964.5593	-0.47	1	49	0.00027	U	L.SFKTGIISL.C
3191	-	3199	483.287	964.5594	964.5593	0.1	1	35	0.0061	U	L.SFKTGIISL.C
3191	-	3199	483.2872	964.5599	964.5593	0.54	1	38	0.0035	U	L.SFKTGIISL.C
3191	-	3199	483.2867	964.5588	964.5593	-0.53	1	39	0.0028	U	L.SFKTGIISL.C
3193	-	3199	366.2369	730.4592	730.4589	0.44	0	40	0.0038	U	F.KTGIISL.C
3193	-	3199	366.2364	730.4582	730.4589	-0.97	0	43	0.0017	U	F.KTGIISL.C
3193	-	3199	366.2367	730.4588	730.4589	-0.14	0	39	0.0047	U	F.KTGIISL.C
3193	-	3199	366.2367	730.4588	730.4589	-0.057	0	34	0.013	U	F.KTGIISL.C
3193	-	3204	455.2435	1362.7086	1362.7094	-0.62	1	1	46	U	F.KTGIISLCKAHL.E + Phospho (ST)
3212	-	3221	536.2773	1070.54	1070.5397	0.32	1	30	0.07	U	L.FKQVASSTGF.C
3212	-	3221	536.2766	1070.5387	1070.5397	-0.94	1	17	1.2	U	L.FKQVASSTGF.C
3212	-	3221	536.2775	1070.5405	1070.5397	0.77	1	34	0.026	U	L.FKQVASSTGF.C
3212	-	3221	536.2769	1070.5393	1070.5397	-0.37	1	32	0.043	U	L.FKQVASSTGF.C
3213	-	3221	462.7427	923.4709	923.4713	-0.36	0	46	0.0021	U	F.KQVASSTGF.C
3213	-	3221	462.7431	923.4717	923.4713	0.44	0	63	4.10E-05	U	F.KQVASSTGF.C
3213	-	3227	566.2936	1695.8591	1694.8522	594	1	2	37	U	F.KQVASSTGFCDQRRL.G
3213	-	3221	462.7428	923.471	923.4713	-0.29	0	55	0.00025	U	F.KQVASSTGF.C
3213	-	3221	462.7431	923.4717	923.4713	0.5	0	37	0.013	U	F.KQVASSTGF.C
3213	-	3221	462.7432	923.4718	923.4713	0.63	0	62	4.50E-05	U	F.KQVASSTGF.C
3213	-	3221	462.7431	923.4716	923.4713	0.37	0	50	0.00068	U	F.KQVASSTGF.C
3213	-	3221	462.7432	923.4718	923.4713	0.63	0	65	2.30E-05	U	F.KQVASSTGF.C
3213	-	3221	462.743	923.4715	923.4713	0.24	0	55	0.00026	U	F.KQVASSTGF.C
3213	-	3221	462.7437	923.4729	923.4713	1.76	0	56	0.00018	U	F.KQVASSTGF.C
3222	-	3229	480.756	959.4975	959.4971	0.42	1	5	23	U	F.CDQRRLGL.L
3231	-	3241	440.5855	1318.7346	1318.7357	-0.84	1	31	0.025	U	L.LHDSIQIPRQL.G
3231	-	3241	660.3765	1318.7384	1318.7357	2.02	1	54	0.00012	U	L.LHDSIQIPRQL.G
3231	-	3241	660.3751	1318.7356	1318.7357	-0.11	1	54	0.00011	U	L.LHDSIQIPRQL.G
3231	-	3241	440.5858	1318.7357	1318.7357	-0.0061	1	30	0.032	U	L.LHDSIQIPRQL.G
3231	-	3241	660.3742	1318.7339	1318.7357	-1.41	1	54	0.00012	U	L.LHDSIQIPRQL.G
3231	-	3241	440.5856	1318.7349	1318.7357	-0.63	1	27	0.069	U	L.LHDSIQIPRQL.G
3231	-	3241	440.5859	1318.7358	1318.7357	0.062	1	23	0.17	U	L.LHDSIQIPRQL.G
3231	-	3241	660.3757	1318.7368	1318.7357	0.81	1	39	0.0037	U	L.LHDSIQIPRQL.G
3232	-	3241	402.8908	1205.6506	1205.6517	-0.88	0	28	0.07	U	L.HDSIQIPRQL.G
3232	-	3241	603.8334	1205.6522	1205.6517	0.45	0	52	0.0003	U	L.HDSIQIPRQL.G
3232	-	3247	599.6478	1795.9217	1795.9217	-0.022	1	25	0.14	U	L.HDSIQIPRQLGEVASF.G
3232	-	3247	898.9683	1795.922	1795.9217	0.16	1	47	0.00098	U	L.HDSIQIPRQLGEVASF.G
3232	-	3241	402.8912	1205.6517	1205.6517	0.031	0	23	0.24	U	L.HDSIQIPRQL.G
3232	-	3241	603.8334	1205.6523	1205.6517	0.55	0	51	0.00031	U	L.HDSIQIPRQL.G

3232	-	3247	898.9672	1795.9199	1795.9217	-1	1	52	0.00033	U	L.HDSIQIPRQLGEVASF.G
3232	-	3247	599.6483	1795.9231	1795.9217	0.79	1	23	0.26	U	L.HDSIQIPRQLGEVASF.G
3232	-	3247	599.9802	1796.9188	1795.9217	555	1	26	0.12	U	L.HDSIQIPRQLGEVASF.G
3232	-	3241	402.891	1205.6512	1205.6517	-0.35	0	28	0.074	U	L.HDSIQIPRQL.G
3232	-	3241	603.8329	1205.6513	1205.6517	-0.26	0	56	0.00013	U	L.HDSIQIPRQL.G
3232	-	3247	599.6473	1795.92	1795.9217	-0.94	1	24	0.22	U	L.HDSIQIPRQLGEVASF.G
3232	-	3247	898.9697	1795.9249	1795.9217	1.79	1	40	0.0043	U	L.HDSIQIPRQLGEVASF.G
3232	-	3241	603.8324	1205.6502	1205.6517	-1.17	0	56	0.00011	U	L.HDSIQIPRQL.G
3232	-	3241	402.8912	1205.6517	1205.6517	0.031	0	26	0.13	U	L.HDSIQIPRQL.G
3232	-	3247	898.9679	1795.9212	1795.9217	-0.25	1	54	0.00019	U	L.HDSIQIPRQLGEVASF.G
3232	-	3247	599.6483	1795.9231	1795.9217	0.79	1	34	0.021	U	L.HDSIQIPRQLGEVASF.G
3248	-	3260	676.8154	1351.6162	1351.619	-2.12	0	15	2.5		F.GGSNIEPSVRSCF.Q
3248	-	3260	676.8173	1351.6201	1351.619	0.77	0	27	0.17		F.GGSNIEPSVRSCF.Q
3248	-	3260	676.817	1351.6194	1351.619	0.23	0	43	0.0041		F.GGSNIEPSVRSCF.Q
3248	-	3260	676.8152	1351.6158	1351.619	-2.39	0	32	0.056		F.GGSNIEPSVRSCF.Q
3248	-	3260	676.8162	1351.6179	1351.619	-0.85	0	41	0.0061		F.GGSNIEPSVRSCF.Q
3261	-	3273	722.8749	1443.7352	1443.7357	-0.38	1	15	1.9	U	F.QFANNKPEIEAAL.F
3261	-	3273	722.8749	1443.7353	1443.7357	-0.29	1	8	11	U	F.QFANNKPEIEAAL.F
3261	-	3273	722.8754	1443.7362	1443.7357	0.3	1	10	6	U	F.QFANNKPEIEAAL.F
3263	-	3273	585.3116	1168.6087	1168.6087	-0.0077	0	56	0.00014	U	F.ANNKPEIEAAL.F
3263	-	3274	658.8459	1315.6773	1315.6772	0.13	1	12	3.5	U	F.ANNKPEIEAALF.L
3263	-	3274	658.846	1315.6775	1315.6772	0.22	1	42	0.0035	U	F.ANNKPEIEAALF.L
3263	-	3273	585.3116	1168.6087	1168.6087	-0.0077	0	29	0.073	U	F.ANNKPEIEAAL.F
3263	-	3274	658.8459	1315.6773	1315.6772	0.13	1	34	0.026	U	F.ANNKPEIEAALF.L
3263	-	3273	585.3125	1168.6104	1168.6087	1.45	0	46	0.0012	U	F.ANNKPEIEAAL.F
3263	-	3274	658.8458	1315.677	1315.6772	-0.15	1	37	0.013	U	F.ANNKPEIEAALF.L
3278	-	3287	638.8127	1275.6109	1275.6104	0.43	1	26	0.19	U	W.MRLEPQSMVW.L
3278	-	3287	646.81	1291.6054	1291.6053	0.11	1	30	0.081	U	W.MRLEPQSMVW.L + Oxidation (M)
3278	-	3287	646.8112	1291.6078	1291.6053	1.91	1	34	0.031	U	W.MRLEPQSMVW.L + Oxidation (M)
3278	-	3287	654.8066	1307.5987	1307.6002	-1.14	1	28	0.12	U	W.MRLEPQSMVW.L + 2 Oxidation (M)
3278	-	3287	638.8132	1275.6118	1275.6104	1.1	1	29	0.1	U	W.MRLEPQSMVW.L
3278	-	3287	646.8101	1291.6057	1291.6053	0.3	1	37	0.014	U	W.MRLEPQSMVW.L + Oxidation (M)
3278	-	3287	646.8103	1291.6061	1291.6053	0.58	1	34	0.034	U	W.MRLEPQSMVW.L + Oxidation (M)
3278	-	3287	654.8074	1307.6003	1307.6002	0.073	1	34	0.032	U	W.MRLEPQSMVW.L + 2 Oxidation (M)
3278	-	3287	638.81	1275.6054	1275.6104	-3.87	1	20	0.82	U	W.MRLEPQSMVW.L
3278	-	3287	638.8124	1275.6103	1275.6104	-0.044	1	19	0.89	U	W.MRLEPQSMVW.L
3278	-	3287	646.8094	1291.6043	1291.6053	-0.74	1	9	9.9	U	W.MRLEPQSMVW.L + Oxidation (M)
3278	-	3287	646.811	1291.6075	1291.6053	1.72	1	14	3.1	U	W.MRLEPQSMVW.L + Oxidation (M)

3278	-	3287	654.8075	1307.6004	1307.6002	0.17	1	23	0.43	U	W.MRLEPQSMVW.L + 2 Oxidation (M)
3278	-	3287	638.81	1275.6054	1275.6104	-3.87	1	20	0.8	U	W.MRLEPQSMVW.L
3278	-	3287	638.8129	1275.6112	1275.6104	0.63	1	27	0.14	U	W.MRLEPQSMVW.L
3278	-	3287	646.8094	1291.6042	1291.6053	-0.84	1	17	1.9	U	W.MRLEPQSMVW.L + Oxidation (M)
3278	-	3287	646.8097	1291.6048	1291.6053	-0.36	1	33	0.043	U	W.MRLEPQSMVW.L + Oxidation (M)
3278	-	3287	654.8083	1307.602	1307.6002	1.38	1	25	0.24	U	W.MRLEPQSMVW.L + 2 Oxidation (M)
3323	-	3327	354.6768	707.339	707.3391	-0.1	1	7	8.1		L.KHFNY.D
3323	-	3327	354.6766	707.3387	707.3391	-0.53	1	8	9		L.KHFNY.D
3323	-	3327	354.6766	707.3387	707.3391	-0.62	1	9	7.2		L.KHFNY.D
3323	-	3327	354.6765	707.3385	707.3391	-0.79	1	6	14		L.KHFNY.D
3353	-	3365	714.3084	1426.6021	1426.6035	-0.94	0	88	1.50E-07	U	Y.CTPTTSGEDVRDFA
3353	-	3365	714.3077	1426.6009	1426.6035	-1.79	0	43	0.0042	U	Y.CTPTTSGEDVRDFA
3353	-	3365	714.8101	1427.6056	1426.6035	702	0	25	0.33	U	Y.CTPTTSGEDVRDFA
3353	-	3365	714.3087	1426.6028	1426.6035	-0.51	0	88	1.50E-07	U	Y.CTPTTSGEDVRDFA
3374	-	3378	362.2161	722.4177	722.4187	-1.43	0	2	14	U	F.RTKRY.F
3374	-	3378	362.2166	722.4186	722.4187	-0.16	0	3	12	U	F.RTKRY.F
3374	-	3378	362.2166	722.4187	722.4187	0.0055	0	3	13	U	F.RTKRY.F
3379	-	3387	369.5236	1105.5489	1105.5491	-0.23	1	19	1.1	U	Y.FAKHPRMGY.L
3379	-	3387	369.5236	1105.5489	1105.5491	-0.23	1	27	0.15	U	Y.FAKHPRMGY.L
3379	-	3387	553.7821	1105.5497	1105.5491	0.5	1	20	0.71	U	Y.FAKHPRMGY.L
3379	-	3387	553.7822	1105.5499	1105.5491	0.72	1	33	0.03	U	Y.FAKHPRMGY.L
3379	-	3387	369.524	1105.5501	1105.5491	0.93	1	27	0.12	U	Y.FAKHPRMGY.L
3379	-	3387	553.7823	1105.5501	1105.5491	0.94	1	37	0.014	U	Y.FAKHPRMGY.L
3379	-	3387	374.8547	1121.5423	1121.544	-1.54	1	24	0.35	U	Y.FAKHPRMGY.L + Oxidation (M)
3379	-	3387	374.8551	1121.5434	1121.544	-0.57	1	8	13	U	Y.FAKHPRMGY.L + Oxidation (M)
3379	-	3387	374.8554	1121.5443	1121.544	0.25	1	6	21	U	Y.FAKHPRMGY.L + Oxidation (M)
3379	-	3387	553.7818	1105.549	1105.5491	-0.052	1	18	1.2	U	Y.FAKHPRMGY.L
3379	-	3387	553.7819	1105.5493	1105.5491	0.17	1	36	0.017	U	Y.FAKHPRMGY.L
3379	-	3387	369.5237	1105.5493	1105.5491	0.19	1	19	0.88	U	Y.FAKHPRMGY.L
3379	-	3387	369.5239	1105.5498	1105.5491	0.6	1	30	0.073	U	Y.FAKHPRMGY.L
3379	-	3387	369.5239	1105.5499	1105.5491	0.68	1	12	4.5	U	Y.FAKHPRMGY.L
3379	-	3387	553.7823	1105.5501	1105.5491	0.94	1	33	0.031	U	Y.FAKHPRMGY.L
3379	-	3387	374.8553	1121.5441	1121.544	0.087	1	7	14	U	Y.FAKHPRMGY.L + Oxidation (M)
3379	-	3387	369.5235	1105.5486	1105.5491	-0.48	1	19	1	U	Y.FAKHPRMGY.L
3379	-	3387	369.5235	1105.5487	1105.5491	-0.39	1	9	9	U	Y.FAKHPRMGY.L
3379	-	3387	553.782	1105.5494	1105.5491	0.28	1	36	0.018	U	Y.FAKHPRMGY.L
3379	-	3387	553.7821	1105.5497	1105.5491	0.5	1	25	0.23	U	Y.FAKHPRMGY.L
3379	-	3387	554.2841	1106.5537	1105.5491	909	1	23	0.33	U	Y.FAKHPRMGY.L

3379	-	3387	374.8548	1121.5426	1121.544	-1.3	1	12	5.3	U	Y.FAKHPRMGY.L + Oxidation (M)
3379	-	3387	369.5232	1105.5477	1105.5491	-1.3	1	17	1.6	U	Y.FAKHPRMGY.L
3379	-	3387	369.5235	1105.5487	1105.5491	-0.39	1	18	1.1	U	Y.FAKHPRMGY.L
3379	-	3387	553.7819	1105.5493	1105.5491	0.17	1	33	0.033	U	Y.FAKHPRMGY.L
3379	-	3387	553.7824	1105.5503	1105.5491	1.05	1	36	0.016	U	Y.FAKHPRMGY.L
3379	-	3387	369.858	1106.5521	1105.5491	907	1	13	3.6	U	Y.FAKHPRMGY.L
3379	-	3387	374.8554	1121.5443	1121.544	0.25	1	21	0.62	U	Y.FAKHPRMGY.L + Oxidation (M)
3380	-	3387	480.2475	958.4804	958.4807	-0.25	0	6	13	U	F.AKHPRMGY.L
3380	-	3387	320.5008	958.4806	958.4807	-0.14	0	3	27	U	F.AKHPRMGY.L
3380	-	3387	320.5008	958.4806	958.4807	-0.04	0	8	9.6	U	F.AKHPRMGY.L
3380	-	3387	480.2477	958.4807	958.4807	0.069	0	19	0.68	U	F.AKHPRMGY.L
3380	-	3387	480.2477	958.4809	958.4807	0.26	0	14	2.3	U	F.AKHPRMGY.L
3380	-	3387	480.2477	958.4809	958.4807	0.26	0	16	1.4	U	F.AKHPRMGY.L
3380	-	3387	480.2478	958.481	958.4807	0.32	0	25	0.16	U	F.AKHPRMGY.L
3380	-	3387	320.5009	958.481	958.4807	0.34	0	10	5.8	U	F.AKHPRMGY.L
3380	-	3387	320.5009	958.481	958.4807	0.34	0	12	3.5	U	F.AKHPRMGY.L
3380	-	3387	480.2481	958.4816	958.4807	0.96	0	14	2.2	U	F.AKHPRMGY.L
3380	-	3387	320.5012	958.4817	958.4807	1.01	0	4	20	U	F.AKHPRMGY.L
3380	-	3387	488.245	974.4755	974.4756	-0.1	0	13	3	U	F.AKHPRMGY.L + Oxidation (M)
3380	-	3387	325.8325	974.4755	974.4756	-0.056	0	8	9.5	U	F.AKHPRMGY.L + Oxidation (M)
3380	-	3387	488.2455	974.4765	974.4756	0.96	0	0	57	U	F.AKHPRMGY.L + Oxidation (M)
3380	-	3387	480.2471	958.4797	958.4807	-1.01	0	1	46	U	F.AKHPRMGY.L
3380	-	3387	480.2474	958.4803	958.4807	-0.38	0	25	0.16	U	F.AKHPRMGY.L
3380	-	3387	320.5007	958.4804	958.4807	-0.33	0	7	12	U	F.AKHPRMGY.L
3380	-	3387	480.2475	958.4805	958.4807	-0.19	0	13	2.5	U	F.AKHPRMGY.L
3380	-	3387	480.2475	958.4805	958.4807	-0.19	0	9	6.9	U	F.AKHPRMGY.L
3380	-	3387	320.5009	958.4809	958.4807	0.25	0	10	5.5	U	F.AKHPRMGY.L
3380	-	3387	320.501	958.4813	958.4807	0.63	0	5	19	U	F.AKHPRMGY.L
3380	-	3387	480.248	958.4814	958.4807	0.71	0	8	8.3	U	F.AKHPRMGY.L
3380	-	3387	320.5011	958.4816	958.4807	0.91	0	8	8.3	U	F.AKHPRMGY.L
3380	-	3387	480.7484	959.4822	958.4807	1045	0	13	2.9	U	F.AKHPRMGY.L
3380	-	3387	480.7486	959.4826	958.4807	1045	0	25	0.17	U	F.AKHPRMGY.L
3380	-	3387	480.7491	959.4837	958.4807	1046	0	11	4.3	U	F.AKHPRMGY.L
3380	-	3387	320.8358	959.4854	958.4807	1048	0	7	10	U	F.AKHPRMGY.L
3380	-	3387	488.2451	974.4756	974.4756	-0.042	0	24	0.28	U	F.AKHPRMGY.L + Oxidation (M)
3380	-	3387	325.8325	974.4756	974.4756	0.039	0	12	3.6	U	F.AKHPRMGY.L + Oxidation (M)
3380	-	3387	480.2472	958.4799	958.4807	-0.82	0	4	21	U	F.AKHPRMGY.L
3380	-	3387	480.2473	958.4801	958.4807	-0.63	0	13	2.6	U	F.AKHPRMGY.L

3380	-	3387	320.5007	958.4802	958.4807	-0.52	0	6	16	U	F.AKHPRMGY.L
3380	-	3387	320.5008	958.4805	958.4807	-0.23	0	5	18	U	F.AKHPRMGY.L
3380	-	3387	480.2476	958.4806	958.4807	-0.058	0	2	34	U	F.AKHPRMGY.L
3380	-	3387	480.2477	958.4808	958.4807	0.13	0	11	4.1	U	F.AKHPRMGY.L
3380	-	3387	320.5009	958.481	958.4807	0.34	0	13	2.5	U	F.AKHPRMGY.L
3380	-	3387	480.248	958.4814	958.4807	0.71	0	29	0.072	U	F.AKHPRMGY.L
3380	-	3387	480.7493	959.484	958.4807	1047	0	9	6.8	U	F.AKHPRMGY.L
3380	-	3387	480.75	959.4854	958.4807	1048	0	8	8.7	U	F.AKHPRMGY.L
3380	-	3387	480.7503	959.4861	958.4807	1049	0	6	14	U	F.AKHPRMGY.L
3380	-	3387	488.2445	974.4745	974.4756	-1.17	0	8	11	U	F.AKHPRMGY.L + Oxidation (M)
3380	-	3387	488.2449	974.4753	974.4756	-0.29	0	16	1.7	U	F.AKHPRMGY.L + Oxidation (M)
3380	-	3387	325.8325	974.4756	974.4756	0.039	0	9	7.2	U	F.AKHPRMGY.L + Oxidation (M)
3380	-	3387	480.2471	958.4796	958.4807	-1.14	0	16	1.5	U	F.AKHPRMGY.L
3380	-	3387	320.5006	958.4801	958.4807	-0.61	0	13	3	U	F.AKHPRMGY.L
3380	-	3387	480.2476	958.4806	958.4807	-0.058	0	8	9.2	U	F.AKHPRMGY.L
3380	-	3387	320.5008	958.4806	958.4807	-0.04	0	3	26	U	F.AKHPRMGY.L
3380	-	3387	480.2477	958.4807	958.4807	0.069	0	22	0.33	U	F.AKHPRMGY.L
3380	-	3387	480.2477	958.4807	958.4807	0.069	0	12	3.1	U	F.AKHPRMGY.L
3380	-	3387	480.2479	958.4812	958.4807	0.52	0	24	0.23	U	F.AKHPRMGY.L
3380	-	3387	480.2481	958.4816	958.4807	0.96	0	26	0.13	U	F.AKHPRMGY.L
3380	-	3387	320.5013	958.4821	958.4807	1.49	0	6	14	U	F.AKHPRMGY.L
3380	-	3387	480.7483	959.482	958.4807	1045	0	13	2.8	U	F.AKHPRMGY.L
3380	-	3387	325.8324	974.4754	974.4756	-0.24	0	8	9.3	U	F.AKHPRMGY.L + Oxidation (M)
3380	-	3387	488.245	974.4755	974.4756	-0.1	0	24	0.23	U	F.AKHPRMGY.L + Oxidation (M)
3388	-	3394	385.2443	768.474	768.4745	-0.75	0	40	0.0014		Y.LPVQTVL.E
3388	-	3405	652.6713	1954.992	1954.9922	-0.097	1	40	0.004	U	Y.LPVQTVLEGDNMETPVTL.I
3388	-	3394	385.2445	768.4745	768.4745	-0.11	0	38	0.0024		Y.LPVQTVL.E
3388	-	3405	652.6716	1954.9929	1954.9922	0.37	1	46	0.0012	U	Y.LPVQTVLEGDNMETPVTL.I
3388	-	3405	1018.4821	2034.9496	2034.9585	-4.38	1	0	62	U	Y.LPVQTVLEGDNMETPVTL.I + Phospho (ST)
3388	-	3394	385.2446	768.4746	768.4745	0.047	0	40	0.0016		Y.LPVQTVL.E
3388	-	3405	652.6711	1954.9916	1954.9922	-0.28	1	46	0.0011	U	Y.LPVQTVLEGDNMETPVTL.I
3388	-	3394	385.2445	768.4744	768.4745	-0.19	0	38	0.0025		Y.LPVQTVL.E
3388	-	3405	652.6715	1954.9927	1954.9922	0.28	1	38	0.0065	U	Y.LPVQTVLEGDNMETPVTL.I
3395	-	3405	603.2721	1204.5296	1204.5282	1.22	0	37	0.019	U	L.EGDNMETPVTL.I
3395	-	3405	603.2714	1204.5283	1204.5282	0.1	0	35	0.029	U	L.EGDNMETPVTL.I
3395	-	3405	603.2715	1204.5285	1204.5282	0.31	0	15	2.7	U	L.EGDNMETPVTL.I
3395	-	3405	603.2719	1204.5293	1204.5282	0.92	0	59	0.00011	U	L.EGDNMETPVTL.I
3406	-	3421	864.9318	1727.849	1727.8519	-1.68	1	1	60	U	L.INFWPVDSAPASSPQL.S

3422	-	3433	499.5555	1495.6447	1495.644	0.46	0	12	4.8	U	L.SHDDTHSRIEHY.A
3422	-	3433	499.5559	1495.6458	1495.644	1.2	0	11	7.1	U	L.SHDDTHSRIEHY.A
3434	-	3447	764.8384	1527.6622	1527.6623	-0.077	1	53	0.00046	U	Y.ASRLAEMENSNNGSY.L
3434	-	3447	772.8369	1543.6593	1543.6572	1.32	1	43	0.0038	U	Y.ASRLAEMENSNNGSY.L + Oxidation (M)
3434	-	3447	764.8381	1527.6616	1527.6623	-0.48	1	56	0.00024	U	Y.ASRLAEMENSNNGSY.L
3434	-	3447	772.8368	1543.659	1543.6572	1.16	1	49	0.00096	U	Y.ASRLAEMENSNNGSY.L + Oxidation (M)
3434	-	3447	764.8381	1527.6617	1527.6623	-0.4	1	48	0.0013	U	Y.ASRLAEMENSNNGSY.L
3434	-	3447	765.3406	1528.6667	1527.6623	657	1	42	0.006	U	Y.ASRLAEMENSNNGSY.L
3434	-	3447	772.8351	1543.6556	1543.6572	-1.05	1	55	0.00023	U	Y.ASRLAEMENSNNGSY.L + Oxidation (M)
3434	-	3447	764.838	1527.6615	1527.6623	-0.56	1	51	0.00072	U	Y.ASRLAEMENSNNGSY.L
3434	-	3447	772.8344	1543.6543	1543.6572	-1.92	1	18	1.3	U	Y.ASRLAEMENSNNGSY.L + Oxidation (M)
3448	-	3463	899.4099	1796.8053	1796.8064	-0.64	1	49	0.00094	U	Y.LNDSISPNESIDDEHL.L
3448	-	3463	899.4098	1796.805	1796.8064	-0.78	1	60	7.50E-05	U	Y.LNDSISPNESIDDEHL.L
3448	-	3463	899.4103	1796.8061	1796.8064	-0.17	1	59	9.40E-05	U	Y.LNDSISPNESIDDEHL.L
3449	-	3464	899.4086	1796.8027	1796.8064	-2.07	1	52	0.00054	U	L.NDSISPNESIDDEHLL.I
3449	-	3464	899.4104	1796.8062	1796.8064	-0.1	1	41	0.0062	U	L.NDSISPNESIDDEHLL.I
3449	-	3464	899.4105	1796.8065	1796.8064	0.036	1	46	0.0019	U	L.NDSISPNESIDDEHLL.I
3449	-	3463	843.3702	1684.7258	1683.7224	596	0	39	0.0092	U	L.NDSISPNESIDDEHL.L
3449	-	3464	899.4077	1796.8009	1796.8064	-3.09	1	37	0.015	U	L.NDSISPNESIDDEHLL.I
3464	-	3468	337.187	672.3595	672.3595	-0.037	1	6	6.9	U	L.LIQHY.C
3464	-	3468	337.1868	672.359	672.3595	-0.76	1	7	6.7	U	L.LIQHY.C
3464	-	3468	337.187	672.3594	672.3595	-0.13	1	7	6.6	U	L.LIQHY.C
3464	-	3468	337.187	672.3595	672.3595	0.052	1	8	4.8	U	L.LIQHY.C
3469	-	3478	552.7533	1103.492	1103.4917	0.3	1	21	0.74	U	Y.CQSLNQDSPL.S
3479	-	3488	548.809	1095.6034	1095.6036	-0.25	0	27	0.067	U	L.SQPRSPAQIL.I
3479	-	3488	548.8092	1095.6039	1095.6036	0.2	0	26	0.084	U	L.SQPRSPAQIL.I
3479	-	3488	548.8096	1095.6046	1095.6036	0.87	0	6	8.1	U	L.SQPRSPAQIL.I
3479	-	3488	588.7923	1175.57	1175.57	0.068	0	29	0.1	U	L.SQPRSPAQIL.I + Phospho (ST)
3479	-	3488	548.8092	1095.6039	1095.6036	0.2	0	27	0.066	U	L.SQPRSPAQIL.I
3479	-	3488	548.8093	1095.6041	1095.6036	0.42	0	28	0.055	U	L.SQPRSPAQIL.I
3479	-	3488	548.81	1095.6054	1095.6036	1.65	0	7	6.9	U	L.SQPRSPAQIL.I
3479	-	3488	548.8106	1095.6067	1095.6036	2.76	0	12	2.3	U	L.SQPRSPAQIL.I
3479	-	3488	588.7917	1175.5689	1175.57	-0.87	0	18	1.1	U	L.SQPRSPAQIL.I + Phospho (ST)
3479	-	3488	548.8087	1095.6029	1095.6036	-0.69	0	28	0.048	U	L.SQPRSPAQIL.I
3479	-	3488	548.8094	1095.6043	1095.6036	0.64	0	24	0.14	U	L.SQPRSPAQIL.I
3479	-	3488	588.7924	1175.5703	1175.57	0.28	0	16	2	U	L.SQPRSPAQIL.I + Phospho (ST)
3479	-	3488	548.8089	1095.6032	1095.6036	-0.36	0	27	0.068	U	L.SQPRSPAQIL.I
3479	-	3488	548.8093	1095.6041	1095.6036	0.42	0	28	0.057	U	L.SQPRSPAQIL.I

3479	-	3488	548.8101	1095.6057	1095.6036	1.87	0	12	2.2	U	L.SQPRSPAQIL.I
3479	-	3488	588.792	1175.5694	1175.57	-0.45	0	26	0.18	U	L.SQPRSPAQIL.I + Phospho (ST)
3504	-	3513	601.786	1201.5575	1201.5574	0.017	1	69	8.80E-06	U	L.ADLEENRNL.Q
3504	-	3513	601.7867	1201.5589	1201.5574	1.24	1	69	8.90E-06	U	L.ADLEENRNL.Q
3504	-	3513	601.786	1201.5575	1201.5574	0.017	1	52	0.00046	U	L.ADLEENRNL.Q
3504	-	3513	602.2884	1202.5622	1201.5574	836	1	69	1.00E-05	U	L.ADLEENRNL.Q
3504	-	3513	601.7861	1201.5577	1201.5574	0.22	1	64	2.70E-05	U	L.ADLEENRNL.Q
3514	-	3520	447.7195	893.4244	893.4243	0.091	1	40	0.0076	U	L.QAEYDRL.K
3514	-	3520	447.7189	893.4233	893.4243	-1.14	1	45	0.0026	U	L.QAEYDRL.K
3514	-	3520	447.7194	893.4243	893.4243	0.021	1	40	0.0079	U	L.QAEYDRL.K
3514	-	3520	447.7193	893.424	893.4243	-0.25	1	40	0.0079	U	L.QAEYDRL.K
3518	-	3529	496.939	1487.7953	1487.7957	-0.29	1	36	0.01	U	Y.DRLKQQHEHKGL.S
3518	-	3529	372.9563	1487.7962	1487.7957	0.35	1	38	0.0069	U	Y.DRLKQQHEHKGL.S
3518	-	3529	496.9396	1487.7971	1487.7957	0.94	1	3	21	U	Y.DRLKQQHEHKGL.S
3518	-	3529	372.9562	1487.7956	1487.7957	-0.054	1	24	0.18	U	Y.DRLKQQHEHKGL.S
3518	-	3529	496.9393	1487.7961	1487.7957	0.26	1	30	0.04	U	Y.DRLKQQHEHKGL.S
3518	-	3529	496.9388	1487.7944	1487.7957	-0.85	1	31	0.036	U	Y.DRLKQQHEHKGL.S
3518	-	3529	496.9392	1487.7957	1487.7957	0.014	1	14	1.6	U	Y.DRLKQQHEHKGL.S
3518	-	3529	372.9563	1487.7961	1487.7957	0.27	1	36	0.0097	U	Y.DRLKQQHEHKGL.S
3518	-	3529	497.2738	1488.7995	1487.7957	675	1	2	30	U	Y.DRLKQQHEHKGL.S
3518	-	3529	496.9387	1487.7942	1487.7957	-0.97	1	24	0.15	U	Y.DRLKQQHEHKGL.S
3518	-	3529	372.956	1487.7949	1487.7957	-0.55	1	10	4.2	U	Y.DRLKQQHEHKGL.S
3518	-	3529	496.9389	1487.795	1487.7957	-0.48	1	37	0.0079	U	Y.DRLKQQHEHKGL.S
3518	-	3529	372.9562	1487.7958	1487.7957	0.11	1	24	0.18	U	Y.DRLKQQHEHKGL.S
3521	-	3551	691.1466	3450.6966	3448.6867	583	1	8	2.9	U	L.KQQHEHKGLSPLPSPPEMMPTSPQSPRDAEL.I
3521	-	3529	368.8685	1103.5836	1103.5836	0.0063	0	30	0.064	U	L.KQQHEHKGL.S
3521	-	3529	368.8684	1103.5833	1103.5836	-0.24	0	25	0.2	U	L.KQQHEHKGL.S
3521	-	3529	368.8687	1103.5841	1103.5836	0.5	0	27	0.12	U	L.KQQHEHKGL.S
3521	-	3551	690.7443	3448.6849	3448.6867	-0.52	1	8	3.1	U	L.KQQHEHKGLSPLPSPPEMMPTSPQSPRDAEL.I
3521	-	3551	690.9449	3449.6883	3448.6867	290	1	3	9.4	U	L.KQQHEHKGLSPLPSPPEMMPTSPQSPRDAEL.I
3521	-	3551	863.6808	3450.6943	3448.6867	582	1	14	0.79	U	L.KQQHEHKGLSPLPSPPEMMPTSPQSPRDAEL.I
3530	-	3557	997.1697	2988.4872	2988.4936	-2.14	1	9	2.6	U	L.SPLPSPPEMMPTSPQSPRDAELIAEAKL.L
3530	-	3557	997.5079	2989.502	2988.4936	337	1	10	1.7	U	L.SPLPSPPEMMPTSPQSPRDAELIAEAKL.L
3530	-	3551	788.7127	2363.1163	2363.1137	1.1	0	32	0.033	U	L.SPLPSPPEMMPTSPQSPRDAEL.I
3530	-	3557	997.1712	2988.4918	2988.4936	-0.6	1	9	2.3	U	L.SPLPSPPEMMPTSPQSPRDAELIAEAKL.L
3530	-	3551	788.7135	2363.1187	2363.1137	2.1	0	33	0.029	U	L.SPLPSPPEMMPTSPQSPRDAEL.I
3530	-	3557	997.1719	2988.494	2988.4936	0.13	1	6	4.8	U	L.SPLPSPPEMMPTSPQSPRDAELIAEAKL.L
3552	-	3557	322.7021	643.3897	643.3904	-1.08	0	28	0.087		L.IAEAKL.L

3552	-	3558	379.2448	756.475	756.4745	0.67	1	23	0.11	L.IAEAKLL.R
3552	-	3557	322.7025	643.3904	643.3904	-0.04	0	27	0.1	L.IAEAKL.L
3552	-	3558	379.244	756.4735	756.4745	-1.34	1	28	0.043	L.IAEAKLL.R
3552	-	3557	322.7024	643.3902	643.3904	-0.42	0	30	0.051	L.IAEAKL.L
3552	-	3558	379.2445	756.4745	756.4745	-0.054	1	25	0.08	L.IAEAKLL.R
3552	-	3557	322.7026	643.3906	643.3904	0.25	0	26	0.14	L.IAEAKL.L
3552	-	3558	379.2445	756.4745	756.4745	-0.054	1	26	0.057	L.IAEAKLL.R
3566	-	3572	430.7366	859.4587	859.4585	0.13	0	22	0.41	L.EARMQIL.E
3566	-	3572	438.7341	875.4536	875.4535	0.21	0	11	7.2	L.EARMQIL.E + Oxidation (M)
3566	-	3572	430.7365	859.4585	859.4585	-0.084	0	19	0.85	L.EARMQIL.E
3566	-	3572	438.734	875.4535	875.4535	0.074	0	11	6.2	L.EARMQIL.E + Oxidation (M)
3566	-	3572	430.7362	859.4579	859.4585	-0.79	0	21	0.61	L.EARMQIL.E
3566	-	3572	430.7366	859.4587	859.4585	0.13	0	16	1.6	L.EARMQIL.E
3573	-	3583	447.5528	1339.6366	1339.6368	-0.17	1	22	0.57	L.EDHNKQLESQ.L.H
3573	-	3583	670.8256	1339.6367	1339.6368	-0.064	1	8	14	L.EDHNKQLESQ.L.H
3573	-	3583	670.8249	1339.6352	1339.6368	-1.16	1	11	6.5	L.EDHNKQLESQ.L.H
3573	-	3583	447.5531	1339.6375	1339.6368	0.52	1	24	0.34	L.EDHNKQLESQ.L.H
3573	-	3583	670.8252	1339.6358	1339.6368	-0.7	1	20	0.95	L.EDHNKQLESQ.L.H
3573	-	3583	447.5527	1339.6363	1339.6368	-0.37	1	41	0.0073	L.EDHNKQLESQ.L.H
3573	-	3583	447.5529	1339.6368	1339.6368	0.04	1	22	0.56	L.EDHNKQLESQ.L.H
3573	-	3583	670.8267	1339.6388	1339.6368	1.48	1	18	1.3	L.EDHNKQLESQ.L.H
3591	-	3611	711.0223	2130.045	2130.0441	0.45	0	6	13	U L.EQPQAEAKVNGTTVSSPSTSL.Q
3612	-	3622	631.3135	1260.6124	1260.6132	-0.65	1	37	0.014	U L.QRSDSSQPMLL.R
3612	-	3622	631.816	1261.6175	1260.6132	797	1	46	0.0022	U L.QRSDSSQPMLL.R
3612	-	3622	639.3116	1276.6087	1276.6081	0.47	1	28	0.12	U L.QRSDSSQPMLL.R + Oxidation (M)
3612	-	3622	671.2975	1340.5804	1340.5795	0.65	1	23	0.42	U L.QRSDSSQPMLL.R + Phospho (ST)
3612	-	3622	631.3141	1260.6137	1260.6132	0.42	1	48	0.0011	U L.QRSDSSQPMLL.R
3612	-	3622	639.3123	1276.6101	1276.6081	1.52	1	35	0.025	U L.QRSDSSQPMLL.R + Oxidation (M)
3612	-	3622	671.2968	1340.5791	1340.5795	-0.35	1	16	2.3	U L.QRSDSSQPMLL.R + Phospho (ST)
3612	-	3622	631.3137	1260.6128	1260.6132	-0.36	1	48	0.0012	U L.QRSDSSQPMLL.R
3612	-	3622	639.3116	1276.6087	1276.6081	0.47	1	28	0.13	U L.QRSDSSQPMLL.R + Oxidation (M)
3612	-	3622	631.314	1260.6135	1260.6132	0.22	1	57	0.00014	U L.QRSDSSQPMLL.R
3612	-	3622	639.3115	1276.6084	1276.6081	0.18	1	28	0.13	U L.QRSDSSQPMLL.R + Oxidation (M)
3623	-	3638	862.3931	1722.7716	1722.773	-0.85	0	23	0.43	U L.RVVGSTSESMGEEDL.L
3623	-	3639	918.936	1835.8574	1835.8571	0.16	1	63	4.10E-05	U L.RVVGSTSESMGEEDLL.S
3650	-	3656	439.2023	876.39	876.3899	0.21	0	7	22	U L.EEVMEQL.N
3650	-	3656	439.2023	876.39	876.3899	0.21	0	5	33	U L.EEVMEQL.N