

Porcine dermis

Accession	Unique prSequence	Length	Count	Modified	sequence	Missed cleavage	Type	Charge	m/z	Mass	ppm	Retention	Retention I	Retention time	PEP	MS/MS co	Score	Intensity	Protein group ID	Peptide ID	Evidence ID
F1SFA7	yes	GYEGDFYR	8	2	Unmodified	_GYEGDFYR	MULTI-MSMS	2	503.716882	1005.41921	-0.14591	22.852	0.69591	0	3.4065E-07	1	138.62	304890000	15	136	262
AOA287AXU0	no	VLPGTGAR	8	2	Unmodified	_VLPGTGAR	MULTI-MSMS	2	385.725955	769.444637	-0.37448	8.5094	0.68308	0	0.0053072	1	124.34	200530000	12	219	370
F1SFA7	yes	FGYEGDFYR	9	11	Unmodified	_FGYEGDFYR	MULTI-MSMS	2	577.251089	1152.48762	1.8436	36.68	0.69669	0	1.7131E-08	1	169.06	22316000	15	18	28
AOA287AXU0	no	GGVGDLGGA	9	11	Unmodified	_GGVGDLGGA	MULTI-MSMS	1	702.341694	701.334418	-3.8237	18.649	0.70847	0	0.00036083	1	128.38	42033000	12	42	70
AOA287AXU0	no	GGVLPGTGA	9	11	Unmodified	_GGVLPGTGA	MULTI-MSMS	1	728.39373	727.386454	1.8208	23.735	0.74017	0	0.00033974	1	128.75	78268000	12	49	78
AOA287BLD2	no	GPSPGGFDF	9	11	Unmodified	_GPSPGGFDF	MULTI-MSMS	2	440.695418	879.376283	-0.83343	47.354	1.7296	0	7.9813E-07	2	159.19	24354000	10	66	103
AOA287AXU0	no	GVLPGTGAR	9	11	Unmodified	_GVLPGTGAR	MULTI-MSMS	2	414.240327	826.466101	-0.76781	12.509	1.4961	0	0.0089144	1	122.13	1085900000	12	112	227
F1SFA7	yes	GYEGDFYRA	9	11	Unmodified	_GYEGDFYRA	MULTI-MSMS	2	539.235439	1076.45632	0.34047	28.554	0.6853	0	0.013496	1	120.49	27149000	15	137	263
AOA287AXU0	no	IPTFGVGAG	9	11	Unmodified	_IPTFGVGAG	MULTI-MSMS	1	818.44068	817.433404	0.80635	45.488	0.4596	0	1.1135E-06	1	143.02	87157000	12	141	269
AOA287AXU0	no	STGAIVPQL	9	11	Unmodified	_STGAIVPQL	MULTI-MSMS	2	436.247818	870.481082	0.54288	40.467	0.84734	0	0.016099	1	119.56	13841000	12	178	323
AOA287AXU0	no	VGGLGVGGL	9	11	Unmodified	_VGGLGVGGL	MULTI-MSMS	1	728.430116	727.422839	0.75214	44.694	0.46075	0	0.025697	1	116.12	10972000	12	191	339
AOA287AXU0	no	VLGVTRPFP	9	11	Unmodified	_VLGVTRPFP	MULTI-MSMS	2	493.295102	984.575651	0.28454	39.92	3.3074	0	0.010338	1	121.62	103810000	12	216	367
AOA5G2QY90	no	VLSLYASGR	9	11	Unmodified	_VLSLYASGR	MULTI-MSMS	2	483.274367	964.53418	1.5413	21.79	0.53459	0	0.025338	1	116.25	63722000	2	222	373
F1SFA7	yes	DFGYEGDFYR	10	14	Unmodified	_DFGYEGDFYR	MULTI-MSMS	2	634.76456	1267.51457	0.29004	46.198	1.2896	0	2.3717E-18	2	196.95	170620000	15	9	9
AOA287BLD2	no	DFSFLPQPPQ	10	14	Unmodified	_DFSFLPQPPQ	MULTI-MSMS	2	588.290214	1174.56587	0.60596	74.328	1.2072	0	0.00049357	1	124.83	12930000	10	10	15
AOA287AXU0	no	FPLGGVAPRP	10	14	Unmodified	_FPLGGVAPRP	MULTI-MSMS	2	505.792727	1009.5709	-0.0066653	34.95	1.5667	-7.1054E-15	0.026113	1	100.45	127930000	12	20	31
AOA287BLD2	no	GPSPGGFDFS	10	14	Unmodified	_GPSPGGFDFS	MULTI-MSMS	2	484.211432	966.408311	-0.38772	42.985	2.211	-7.1054E-15	2.36E-18	5	196.98	553990000	10	67	108
AOA287AXU0	no	GVAPRPGFGL	10	14	Unmodified	_GVAPRPGFGL	MULTI-MSMS	2	485.777077	969.5396	-0.014573	31.999	0.71821	0.016129	1	107.32	54729000	12	89	203	
AOA287AXU0	no	VLGVTRPFP	10	14	Unmodified	_VLGVTRPFP	MULTI-MSMS	2	521.805834	1041.59712	-1.3132	42.968	3.6407	0	0.00007562	5	131.06	111940000	12	110	225
AOA287AXU0	no	GVLPGVPTGT	10	14	Unmodified	_GVLPGVPTGT	MULTI-MSMS	2	449.255643	896.496732	-1.9192	47.546	1.0661	0	0.016688	1	106.42	40548000	12	114	229
AOA287AXU0	no	GVSTGAIVPQ	10	14	Unmodified	_GVSTGAIVPQ	MULTI-MSMS	2	457.750724	913.488896	0.73984	20.932	0.8569	3.5527E-15	0.024715	1	101.28	86660000	12	130	248
AOA287AXU0	no	GVTRPFLGG	10	14	Unmodified	_GVTRPFLGG	MULTI-MSMS	2	500.782359	999.550165	-0.21493	30.978	1.5566	0	0.019425	1	104.44	232700000	12	132	252
AOA287B5M9	no	HYSDEVEIR	10	14	Unmodified	_HYSDEVEIR	MULTI-MSMS	2	630.814584	1259.61462	0.77601	21.96	0.42376	0	0.000029916	1	133.57	86346000	13	138	265
AOA287AXU0	no	VAPGIGIPG	10	14	Unmodified	_VAPGIGIPG	MULTI-MSMS	2	419.245078	836.475603	-0.38105	36.124	2.523	0	0.027691	1	99.511	3054300000	12	182	330
AOA287AXU0	no	VLGVTRPFL	10	14	Unmodified	_VLGVTRPFL	MULTI-MSMS	2	549.837134	1097.65972	0.83715	55.014	0.57924	0	0.020891	1	103.56	87401000	12	217	368
AOA287AXU0	no	VLPGVPTGTG	10	14	Unmodified	_VLPGVPTGTG	MULTI-MSMS	2	449.255643	896.496732	-0.05665	35.3	1.1572	0	0.016668	1	106.43	269310000	12	221	372
AOA287AXU0	no	YPGVLPQPTG	10	14	Unmodified	_YPGVLPQPTG	MULTI-MSMS	2	459.239993	916.465432	0.48794	38.384	1.5511	0	0.024837	1	101.21	31681000	12	230	386
AOA287BLD2	no	DFSFLPQPQE	11	21	Unmodified	_DFSFLPQPQE	MULTI-MSMS	2	652.81151	1303.60847	-0.20776	75.072	1.5891	0	5.3774E-06	1	169.65	41379000	10	11	16
AOA287AXU0	no	FPLGGVAPRP	11	21	Unmodified	_FPLGGVAPRP	MULTI-MSMS	2	534.303458	1066.59236	-0.63814	32.744	0.75302	0	0.024944	2	98.523	16263000	12	21	32
AOA287AXU0	no	GAGLGLGGGA	11	21	Unmodified	_GAGLGLGGGA	MULTI-MSMS	1	786.410443	785.403166	0.2491	26.446	0.53933	3.5527E-15	0.0081314	1	111.69	10126000	12	26	39
AOA287AXU0	no	GGVLGVTRPFP	11	21	Unmodified	_GGVLGVTRPFP	MULTI-MSMS	2	550.316566	1098.61858	-0.3801	43.121	3.0931	0	0.00013837	5	132.76	380130000	12	46	74
AOA287AXU0	no	GPFGGQPGVP	11	21	Unmodified	_GPFGGQPGVP	MULTI-MSMS	2	520.761623	1039.50869	-0.35456	38.048	1.8871	0	0.00054223	2	124.37	320930000	12	57	91
F1SQ09	yes	GPKPLSLVDLQ	11	21	Unmodified	_GPKPLSLVDLQ	MULTI-MSMS	2	583.842613	1165.67067	-0.95647	45.151	0.68282	0	0.022992	1	99.815	27386000	16	65	102
AOA287BLD2	no	GPSPGGFDFS	11	21	Unmodified	_GPSPGGFDFS	MULTI-MSMS	2	557.745639	1113.47673	0.32872	73.02	1.8504	0	5.617E-15	3	199.37	20771000	10	68	113
AOA287AXU0	no	GVLPGVPTGTG	11	21	Unmodified	_GVLPGVPTGTG	MULTI-MSMS	2	477.786374	953.518196	-0.14382	45.802	1.1084	0	0.00017302	2	129.39	318850000	12	115	230
AOA287AXU0	no	GVPGVGVPVG	11	21	Unmodified	_GVPGVGVPVG	MULTI-MSMS	2	447.75581	893.497087	-1.2165	45.579	1.9877	0	0.012968	1	106.76	307930000	12	116	232
AOA287AXU0	no	GVPGVGVPVG	11	21	Unmodified	_GVPGVGVPVG	MULTI-MSMS	2	467.771146	933.528367	1.3508	50.906	1.5005	0	0.012968	1	106.76	29441000	12	128	246
AOA287BLD2	no	LDGAKGDAGA	11	21	Unmodified	_LDGAKGDAGA	MULTI-MSMS	2	486.243264	970.471974	-0.94168	7.702	0.19231	0	0.0029983	1	118.71	14596000	10	143	271
AOA287AXU0	no	LGAVAPRPGF	11	21	Unmodified	_LGAVAPRPGF	MULTI-MSMS	2	514.287808	1026.56106	-0.17214	24.237	0.43711	0	0.02203	1	100.45	41965000	12	144	272
AOA0H5ANC0	yes	LLEELIADNQ	11	21	Unmodified	_LLEELIADNQ	MULTI-MSMS	2	635.848093	1269.68163	-0.57288	75.35	0.58575	0	0.0035374	1	146.58	10329000	5	147	275
AOA287AXU0	no	PPLGGVAPRP	11	21	Unmodified	_PPLGGVAPRP	MULTI-MSMS	2	554.319109	1108.62366	1.1945	40.295	0.85259	7.1054E-15	0.00012773	2	133.79	38409000	12	153	282
AOA287AXU0	no	PGGVLPGTGAR	11	21	Unmodified	_PGGVLPGTGAR	MULTI-MSMS	2	491.277441	980.540328	-1.4501	13.423	1.4946	0	0.00060435	2	147.51	1005600000	12	154	284
AOA287AXU0	no	VAPGIGIPG	11	21	Unmodified	_VAPGIGIPG	MULTI-MSMS	2	447.75581	893.497087	0.66371	36.405	0.7861	0	0.012968	1	106.76	62837000	12	183	331
AOA287AXU0	no	VGVLPGVPTGT	11	21	Unmodified	_VGVLPGVPTGT	MULTI-MSMS	2	498.78985	995.565146	0.0096143	52.736	0.8914	-7.1054E-15	0.016807	1	103.91	58160000	12	206	356
FZ25L5	no	VLLPKKTESHK	11	21	Unmodified	_VLLPKKTESHK	MULTI-MSMS	3	427.2626	1278.76597	1.11	7.0469	0.248	0	0.0040734	1	116.23	30113000	17	218	369
AOA287AXU0	no	VYPGVLPGTG	11	21	Unmodified	_VYPGVLPGTG	MULTI-MSMS	2	508.7742	1015.53385	1.1787	43.771	1.114	0	0.012422	1	107.32	40220000	12	227	378
F1SFA7	yes	DFGYEGDFYR	11	21	Unmodified	_DFGYEGDFYR	MULTI-MSMS	2	716.296224	1430.5779	0.98593	47.85	0.75752	-7.1054E-15	0.00014179	2	162.88	160740000	15	229	381
AOA287AXU0	no	YPGVLPGTGA	11	21	Unmodified	_YPGVLPGTGA	MULTI-MSMS	2	494.758549	987.502546	-1.2502	39.726	1.9723	0	0.0080925	2	111.73	1452700000	12	231	388
AOA287AFS2	no	ADFTSEIKIVD	12	33	Unmodified	_ADFTSEIKIVD	MULTI-MSMS	2	669.843007	1337.67146	1.5408	58.069	0.73058	0	3.3871E-08	1	176.6	45523000	1	0	0
AOA287BLD2	no	DFSFLPQPQPQE	12	33	Unmodified	_DFSFLPQPQPQE	MULTI-MSMS	2	726.345717	1450.67688	-0.5661	80.025	0.69742	0	0.016201	1	116.52	33602000	10	15	23
AOA287AFS2	no	GEYGFQNALIVR	12	33	Unmodified	_GEYGFQNALIVR	MULTI-MSMS	2	683.859326	1365.7041	0.4591	46.829	0.80005	-7.1054E-15	0.016115	1	141.48	25670000	1	31	45
AOA287AXU0	no	GGQPGVPLGYLP	12	33	Unmodified	_GGQPGVPLGYLP	MULTI-MSMS	2	585.301113	1168.58767	1.2439	44.559	1.6835	0	0.020522	1	110.81	215600000	12	41	69
AOA287AXU0	no	GGVLGVTRPFL	12	33	Unmodified	_GGVLGVTRPFL	MULTI-MSMS	2	606.858598	1211.70264	1.1182	58.042	0.85744	7.1054E-15	0.0033288	2	123.86	70441000	12	47	76
F1SFA7	yes	GLAGHHGDQAP	12	33	Unmodified	_GLAGHHGDQAP	MULTI-MSMS	2	558.762686	1115.51082	-0.60272	7.2491	0.21405	0	0.0042005	1	136.27	18082000	15	52	85
AOA287BLD2	no	GLDGAKGDAGPA	12	33	Unmodified	_GLDGAKGDAGPA	MULTI-MSMS	2	514.753995	1027.49344	0.4228	8.8823	0.2991	0	0.0035242	1	123.75	11361000	10	54	87
AOA287AXU0	no	GLGVSTGAIVPQ	12	33	Unmodified	_GLGVSTGAIVPQ	MULTI-MSMS	2	542.803488	1083.59242	0.2665	41.255	1.0924	0	0.019865	1	143.12	36989000	12	55	89

AOA287AXU0	no	VGVPGVGVPGVG	12	33	Unmodified	_VGVPGVGVPGVG_	MULTI-MSMS	2	497.290017	992.565481	-1.2416	54.563	2.0333	0	0.024805	2	104.11	3359800000	12	208	358
AOA287AXU0	no	VPGAGAFGGVSP	12	33	Unmodified	_VPGAGAFGGVSP_	MULTI-MSMS	1	1015.52072	1014.51345	0.62369	45.795	0.58172	0	0.02149	1	109.01	7014400	12	223	374
AOA287AXU0	no	VYPGGVLPGTGA	12	33	Unmodified	_VYPGGVLPGTGA_	MULTI-MSMS	1	1087.57824	1086.57096	1.2084	44.971	0.79288	0	0.0052888	1	122.74	25643000	12	228	379
AOA287AXU0	no	YPGGVLPGTGAR	12	33	Unmodified	_YPGGVLPGTGAR_	MULTI-MSMS	2	572.809105	1143.60366	-1.7695	24.423	1.9608	0	0.0007998	3	133.13	7657100000	12	232	390
AOA287BLD2	no	FDFSFLPQPPOKE	13	20	Unmodified	_FDFSFLPQPPOKE_	MULTI-MSMS	2	790.393199	1578.77184	0.079108	66.108	1.4025	0	0.00279	1	133.89	28944000	10	16	25
AOA287AXU0	no	FPLGGVAPRPGFG	13	20	Unmodified	_FPLGGVAPRPGFG_	MULTI-MSMS	2	636.348397	1270.68224	0.42964	49.315	1.4449	-7.1054E-15	0.013879	2	151.04	186690000	12	22	33
AOA287BLD2	no	GDFDFSFLPQPPOE	13	20	Unmodified	_GDFDFSFLPQPPOE_	MULTI-MSMS	2	754.856449	1507.69835	0.64643	79.869	1.0089	0	0.00458	1	131.45	23246000	10	32	46
F1SFA7	yes	GGGYDFGYEGDFY	13	20	Unmodified	_GGGYDFGYEGDFY_	MULTI-SECPEP	2	723.777864	1445.54118	-0.11443	67.615	1.5415	0	0.025009	1	81.548	54819000	15	39	56
F1SFA7	yes	GGGYDFGYEGDFYR	13	20	Unmodified	_GGGYDFGYEGDFYR_	MULTI-MSMS	2	773.317688	1544.62082	-0.082956	53.054	0.92349	0	1.0101E-07	1	188.87	37626000	15	51	81
AOA287AXU0	no	GLGVSTGAVVPQL	13	20	Unmodified	_GLGVSTGAVVPQL_	MULTI-MSMS	2	599.34552	1196.67649	0.64395	64.741	0.50877	0	0.015937	1	139.97	14536000	12	56	90
AOA287BLD2	no	GPSSGGDFDFSFLP	13	20	Unmodified	_GPSSGGDFDFSFLP_	MULTI-MSMS	2	662.814053	1323.61355	0.30099	80.632	1.6329	1.4211E-14	3.6282E-11	4	194.2	1909400000	10	70	118
AOA287AXU0	no	GVAPGVGVAPGVG	13	20	Unmodified	_GVAPGVGVAPGVG_	MULTI-MSMS	2	518.792924	1035.57129	-0.27939	38.881	0.76076	0	0.027399	1	114.72	107040000	12	87	201
AOA287AXU0	no	GVGVGGIPTFGVG	13	20	Unmodified	_GVGVGGIPTFGVG_	MULTI-SECPEP	1	1116.60479	1115.59751	0.38102	69.168	0.32405	0	0.023549	1	69.825	5141100	12	96	211
AOA287AXU0	no	GVGLVPGVPTGTG	13	20	Unmodified	_GVGLVPGVPTGTG_	MULTI-MSMS	2	555.811313	1109.60807	0.25853	53.294	1.2967	-7.1054E-15	0.0082268	1	153.78	286430000	12	100	215
AOA287AXU0	no	GVGVPGVGVPGVG	13	20	Unmodified	_GVGVPGVGVPGVG_	MULTI-SECPEP	2	525.800749	1049.58694	-0.98011	56.595	2.5859	-7.1054E-15	0.026705	1	82.305	1631500000	12	104	219
AOA287AXU0	no	GVGLVTRPFLPG	13	20	Unmodified	_GVGLVTRPFLPG_	MULTI-MSMS	2	635.36933	1268.72411	-0.81553	56.02	0.66752	0	0.00458	1	131.45	43318000	12	111	226
AOA287AXU0	no	GVPGVGVPGVGV	13	20	Unmodified	_GVPGVGVPGVGV_	MULTI-MSMS	2	545.816399	1089.61824	-0.33351	60.641	2.6956	0	0.0037368	3	135.35	1240300000	12	118	234
AOA287AXU0	no	GVYPGGVLPGTGA	13	20	Unmodified	_GVYPGGVLPGTGA_	MULTI-MSMS	2	572.803488	1143.59242	0.048375	50.062	0.91128	0	0.014722	1	122.18	96907000	12	133	253
AOA287AXU0	no	PGGVLPGTGARFP	13	20	Unmodified	_PGGVLPGTGARFP_	MULTI-SECPEP	2	613.33803	1224.66151	-0.77119	39.639	0.84097	0	0.019341	1	72.643	8796400	12	155	286
AOA287BLD2	no	PQPPOKEAHDGGR	13	20	Deamidation (L)	_PQ(de)PQOKEAHDGGR_	MULTI-MSMS	2	709.344572	1416.67459	-3.6375	56.473	0.57093	0	0.018907	1	141.1	6338900	10	168	306
AOA287BLD2	no	VGPAGKDGGAQAQ	13	20	Unmodified	_VGPAGKDGGAQAQ_	MSMS	2	578.783284	1155.55022 NaN		7.4487	1	0	0.0068759	1	103.31		10	196	344
AOA287AXU0	no	VGPFGGQQQGVPL	13	20	Unmodified	_VGPFGGQQQGVPL_	MULTI-MSMS	2	626.837862	1251.66117	1.0592	63.215	1.7024	7.1054E-15	0.0037633	2	132.57	843750000	12	198	348
AOA287BLM4	no	VIDELDVKPDGTR	13	20	Unmodified	_VIDELDVKPDGTR_	MULTI-MSMS	3	486.259584	1455.75692	0.42445	23.032	0.65772	0	0.0022088	1	134.68	25989000	6	215	366
AOA287AXU0	no	VSTGAVVPQLGAG	13	20	Unmodified	_VSTGAVVPQLGAG_	MULTI-MSMS	2	578.322045	1154.62954	-0.80515	42.972	0.53856	0	0.0277	1	113.66	49639000	12	226	377
AOA287B868	no	ALEALEAKEELER	14	30	Unmodified	_ALEALEAKEELER_	MSMS	3	543.949187	1628.82573 NaN		34.056	1	0	0.012939	1	93.823		11	4	4
AOA287BCL3	yes	ATPAKEPKAPGTAP	14	30	Unmodified	_ATPAKEPKAPGTAP_	MULTI-SECPEP	2	668.366984	1334.71942	-0.13335	57.688	1.0915	7.1054E-15	0.027182	1	74.962	1374400000	14	8	8
AOA287BLD2	no	DFSFLPQPPOKEAH	14	30	Unmodified	_DFSFLPQPPOKEAH_	MSMS	2	820.907005	1639.79946 NaN		44.495	1	0	0.020193	1	58.37		10	12	18
AOA287BLD2	no	FSGLDGAKGDAGPA	14	30	Unmodified	_FSGLDGAKGDAGPA_	MULTI-MSMS	2	631.804217	1261.59388	1.6335	21.25	0.91195	0	0.000028472	1	179.94	41706000	10	23	34
F1SFA7	yes	GGGYDFGYEGDFYR	14	30	Unmodified	_GGGYDFGYEGDFYR_	MULTI-MSMS	2	801.82842	1601.64229	0.10542	52.317	0.97417	0	3.352E-44	2	235.32	252270000	15	40	61
AOA287AXU0	no	GGVGVGGIPTFGVG	14	30	Unmodified	_GGVGVGGIPTFGVG_	MULTI-MSMS	2	587.316763	1172.61897	0.4747	70.121	1.3735	1.4211E-14	0.025065	2	93.162	330010000	12	44	72
AOA287AXU0	no	GGVLVTRPFLPGG	14	30	Unmodified	_GGVLVTRPFLPGG_	MULTI-MSMS	2	663.880062	1325.74557	-0.42711	56.218	1.0646	0	0.0046363	1	134.57	132940000	12	48	77
AOA287AZY1	no	GLAPTAAPKAEP	14	30	Unmodified	_GLAPTAAPKAEP_	MSMS	2	647.853709	1293.69287 NaN		56.565	1	0	0.019368	1	54.982		7	53	86
AOA287BLD2	no	GPSSGGDFDFSFLPQ	14	30	Unmodified	_GPSSGGDFDFSFLPQ_	MULTI-MSMS	2	726.843342	1451.67131	0.024049	78.78	1.0683	0	0.003333	2	156.35	150950000	10	71	123
AOA5G2QMD8	no	GPOIPVPRPPVEYP	14	30	Unmodified	_GPOIPVPRPPVEYP_	MULTI-MSMS	2	773.424833	1544.83511	0.91451	54.88	1.3769	0	0.024723	1	123.79	27810000	3	82	176
AOA287AXU0	no	GVGVPGVGVPGVG	14	30	Unmodified	_GVGVPGVGVPGVG_	MULTI-MSMS	2	575.334956	1148.65536	1.9293	65.616	0.64056	0	0.012211	1	130.77	22688000	12	105	220
AOA287AXU0	no	GVPGVGVPGVGVPG	14	30	Unmodified	_GVPGVGVPGVGVPG_	MSMS	2	574.327131	1146.63971 NaN		55.344	1	0	0.026364	1	74.127		12	119	237
AOA287AXU0	no	GVSTGAVVPQLGAG	14	30	Unmodified	_GVSTGAVVPQLGAG_	MULTI-MSMS	2	606.832777	1231.651	-0.62307	45.882	0.74234	0	0.0018551	1	159.79	101940000	12	131	250
AOA287AXU0	no	GVYPGGVLPGTGAR	14	30	Unmodified	_GVYPGGVLPGTGAR_	MULTI-MSMS	2	650.854044	1298.69353	-1.9647	33.659	0.82421	0	0.0203	1	126.71	482010000	12	134	254
AOA287AXU0	no	IPGGIAGIAGAPA	14	30	Unmodified	_IPGGIAGIAGAPA_	MULTI-MSMS	1	1121.63133	1120.62406	0.44692	52.887	0.46839	-7.1054E-15	0.025797	1	100.19	160530000	12	140	268
AOAGHSANCO	yes	LIEDIEDGTFSKLS	14	30	Unmodified	_LIEDIEDGTFSKLS_	MSMS	2	783.898511	1565.78247 NaN		54.265	1	0	0.020432	1	79.693		5	146	274
AOA287AXU0	no	LPGVGVGVPGVPGG	14	30	Unmodified	_LPGVGVGVPGVPGG_	MULTI-MSMS	1	1121.63133	1120.62406	2.2677	54.258	0.40639	0	0.025797	1	100.19	16846000	12	148	276
AOA287BLD2	no	LPOPPQEKAKHDGGR	14	30	Deamidation (L)	_LPQPPQ(de)EKAKHDGGR_	MULTI-MSMS	4	383.44694	1529.75865	-0.10768	8.6079	0.60145	0	0.023835	1	93.823	33319000	10	150	278
AOA286ZV60	no	LVTGNPGVVPAA	14	30	Unmodified	_LVTGNPGVVPAA_	MULTI-SECPEP	2	631.858795	1261.70304	-0.30075	61.414	0.57209	-7.1054E-15	0.025928	1	68.657	48777000	9	152	281
AOA287AXU0	no	PGGVPGVFFPGAG	14	30	Unmodified	_PGGVPGVFFPGAG_	MULTI-MSMS	2	608.31148	1214.60841	-0.88877	67.396	2.6738	0	0.012211	4	130.77	1925000000	12	157	289
AOA287AXU0	no	PGVGLVPGVPTGTG	14	30	Unmodified	_PGVGLVPGVPTGTG_	MULTI-MSMS	2	604.337695	1206.66084	-2.2251	55.973	0.847	0	4.8893E-07	2	186.3	147370000	12	159	291
F1SFA7	yes	SGGGYDFGYEGDFY	14	30	Unmodified	_SGGGYDFGYEGDFY_	MULTI-MSMS	2	767.293879	1532.5732	-0.12711	71.227	1.643	0	0.014968	1	129.38	60285000	15	175	315
AOA287BLD2	no	SYGYDEKASGISVP	14	30	Unmodified	_SYGYDEKASGISVP_	MULTI-MSMS	2	736.848821	1471.68309	-0.67092	32.89	1.5376	0	0.02301	1	94.363	17814000	10	180	326
F1SFR80	no	VFDLEPTVIDEVR	14	30	Unmodified	_VFDLEPTVIDEVR_	MULTI-MSMS	2	815.93797	1629.86139	0.5743	68.606	0.6753	0	0.0055044	1	134.13	46110000	0	189	337
AOA287AXU0	no	VGVPVGAALSPAQA	14	30	Unmodified	_VGVPVGAALSPAQA_	MULTI-MSMS	2	597.827495	1193.64044	-0.47696	41.207	1.1059	0	0.013191	1	139.98	34564000	12	194	342
AOA287AXU0	no	VGPFGGQQQGVPLG	14	30	Unmodified	_VGPFGGQQQGVPLG_	MULTI-MSMS	2	655.348594	1308.68264	-0.11981	59.964	1.1646	0	0.025065	1	93.162	81219000	12	199	349
I3LQ84	yes	VGSVDADVLKSKIS	14	30	Unmodified	_VGSVDADVLKSKIS_	MULTI-MSMS	2	702.864471	1403.71439	-0.38271	47.706	0.42373	0	0.02601	1	92.611	12926000	18	202	352
AOA287AXU0	no	VGVPVGVGVPGVGV	14	30	Unmodified	_VGVPVGVGVPGVGV_	MULTI-MSMS	2	568.327131	1134.63971	-0.42717	45.806	0.71899	0	0.018035	1	127.84	106200000	12	204	354
AOA287AXU0	no	VGVPVGVGVPGVGV	14	30	Unmodified	_VGVPVGVGVPGVGV_	MULTI-MSMS	2	595.350606	1188.68666	0.35018	67.733	4.7655	0	0.024564	3	99.375	2928900000	12	209	359
AOA287AXU0	no	YPGGVLPGTGARFP	14	30	Unmodified	_YPGGVLPGTGARFP_	MSMS	2	694.869694	1387.72483 NaN		46.331	1	0	0.015705	1	112.71		12	233	393
AOA287AXU0	no	AGVLPVGVGGVGVGP	15	23	Unmodified	_AGVLPVGVGGVGVGP_	MULTI-MSMS	2	617.861338	1233.70812	0.10516	69.928	1.5751	0	0.016148	1	96.492	98149000	12	2	2
AOA287AXU0	no	APGVGVAPGIGIPG	15	23	Unmodified	_APGVGVAPGIGIPG_	MULTI-MSMS	2	609.845687	1217.67682	0.2625	55.448	0.74839	0	0.021026	1	130.34	62253000	12	5	5

AOA287AXU0	no	GVGVPGGAGAPIGIGG	16	12	Unmodified	_GVGVPGGAGAPIGIGG_	MULTI-MSMS	2	618.340769	1234.66699	1.6633	58.228	0.8427	0	0.014874	2	95.741	17286000	12	101	216
AOA287AXU0	no	GVGVPGVGVPGVAVSPA	16	12	Unmodified	_GVGVPGVGVPGVAVSPA_	MULTI-MSMS	2	660.369527	1318.7245	0.20874	62.033	0.51489	-7.1054E-15	0.025941	1	88.819	724630000	12	102	217
AOA287AXU0	no	GVPGVGVPGVGVPGAV	16	12	Unmodified	_GVPGVGVPGVGVPGAV_	MULTI-MSMS	2	659.379894	1316.74524	-0.078279	67.47	1.7647	0	0.021946	1	91.318	133260000	12	120	238
AOA287AXU0	no	PGVGVPGVGVPGVGPV	16	12	Unmodified	_PGVGVPGVGVPGVGPV_	MULTI-MSMS	2	672.387719	1342.76089	0.2914	71.381	1.0376	0	0.0046202	1	174.17	54485000	12	160	292
AOA287BLD2	no	PSGGGDFSLPQPPOE	16	12	Unmodified	_PSGGGDFSLPQPPOE_	MULTI-MSMS	2	875.409577	1748.8046	-0.63511	79.515	0.90198	0	0.0097065	1	170.52	20524000	10	169	307
AOA287AXU0	no	VAPGVGVAPGIGIGPG	16	12	Unmodified	_VAPGVGVAPGIGIGPG_	MULTI-MSMS	2	659.379894	1316.74524	3.3649	59.467	0.48321	0	0.024263	1	132.08	16743000	12	184	332
AOA287AXU0	no	VGPFGGQPGVPLGV	16	12	Unmodified	_VGPFGGQPGVPLGV_	MULTI-MSMS	2	785.40664	1568.79873	-0.78329	72.102	2.142	0	0.014658	3	156.35	676240000	12	201	351
AOA287AXU0	no	VPGVPGGVFFPGAGL	16	12	Unmodified	_VPGVPGGVFFPGAGL_	MULTI-MSMS	2	714.387719	1426.76089	0.080882	79.554	0.5627	0	0.027736	1	87.696	44134000	12	224	375
I3LQ84	yes	DVDADVLKSKISLGDEAA	17	12	Unmodified	_DVDADVLKSKISLGDEAA_	MULTI-MSMS	2	859.428164	1716.84177	-0.66757	77.109	0.27935	0	0.017987	1	100.19	9742900	18	14	21
AOA287AXU0	no	GALGGVGLDGGAGIPGG	17	12	Unmodified	_GALGGVGLDGGAGIPGG_	MULTI-MSMS	2	662.846416	1323.67828	-0.41039	60.404	0.86141	0	0.018881	1	91.584	114430000	12	30	44
AOA287BLD2	no	GPSPGGDFSLPQPPOQ	17	12	Unmodified	_GPSPGGDFSLPQPPOQ_	MULTI-MSMS	2	887.925394	1773.83624	-1.161	78.791	0.85603	0	0.000024798	2	185.96	73647000	10	73	126
F1SFA7	yes	GPSSGGYDFGYEGDFYR	17	12	Unmodified	_GPSSGGYDFGYEGDFYR_	MULTI-MSMS	2	922.381548	1842.74854	-0.19333	53.66	1.0461	0	3.0504E-302	3	354.38	202810000	15	84	187
AOA287AXU0	no	GVGAGVPFGVGVGAVPG	17	12	Unmodified	_GVGAGVPFGVGVGAVPG_	MULTI-MSMS	2	677.859326	1353.7041	-1.1679	60.182	0.9818	0	0.017692	1	100.02	223300000	12	90	204
AOA287AXU0	no	GVPGVGVPGVGVPGVGV	17	12	Unmodified	_GVPGVGVPGVGVPGVGV_	MULTI-MSMS	2	701.906276	1401.798	0.27789	74.871	0.94926	0	0.021715	1	152.59	23251000	12	122	240
AOA287AXU0	no	GVPGVGVPGVGVPGVGPV	17	12	Unmodified	_GVPGVGVPGVGVPGVGPV_	MULTI-MSMS	2	700.89451	1399.78235	0.81764	71.121	1.3921	1.4211E-14	0.020519	1	101.64	168700000	12	125	243
AOA287AXU0	no	PGVGVPGVPGVGVPGVGV	17	12	Unmodified	_PGVGVPGVPGVGVPGVGV_	MULTI-MSMS	2	700.89451	1399.78235	2.3556	83.337	0.38032	0	0.016692	1	99.442	12368000	12	161	293
AOA287AXU0	no	PGVGVPGVGVPGVGVGPV	17	12	Unmodified	_PGVGVPGVGVPGVGVGPV_	MULTI-MSMS	2	721.921926	1441.8293	0.28262	75.294	1.6954	0	0.015599	3	157.86	892230000	12	162	294
AOA287BLD2	no	PPSSGGDFSLPQPPOE	17	12	Deamidation (L)	_PPSSGGDFSLPQPPOE_	MULTI-MSMS	2	924.427967	1846.84138	1.2857	80.088	0.60562	0	0.016088	1	93.258	9089700	10	166	304
AOA287AXU0	no	GVGVPGVGVPGVGVGV	17	12	Unmodified	_GVGVPGVGVPGVGVGV_	MULTI-MSMS	2	701.906276	1401.798	0.41266	73.72	1.3971	0	0.015599	1	93.551	2742600000	12	210	360
AOA287AXU0	no	VPVGVPGGVFFPGAGL	17	12	Unmodified	_VPVGVPGGVFFPGAGL_	MULTI-MSMS	2	742.89451	1483.78235	0.30775	78.539	1.0503	0	0.023279	1	88.948	171050000	12	225	376
AOA287AXU0	no	AGLGGVGVGGVGLGVSTGA	18	12	Unmodified	_AGLGGVGVGGVGLGVSTGA_	MULTI-MSMS	2	693.372798	1384.73104	0.062469	56.511	1.0258	7.1054E-15	0.0175	1	105.52	99842000	12	1	1
AOA287BLD2	no	DFSLPQPPOEKAHDGGR	18	12	Unmodified	_DFSLPQPPOEKAHDGGR_	MULTI-MSMS	3	675.997422	2024.97044	-0.43508	38.342	1.5928	0	0.014593	2	107.75	31507000	10	13	19
AOA287AXU0	no	GAGAIPGIGGAGAGAPAA	18	12	Unmodified	_GAGAIPGIGGAGAGAPAA_	MULTI-MSMS	2	689.377883	1376.74121	0.69034	59.776	1.2926	7.1054E-15	0.0095104	2	107.57	387130000	12	25	38
AOA287AXU0	no	GGAAGAPGIGGAGAGAP	18	12	Unmodified	_GGAAGAPGIGGAGAGAP_	MULTI-MSMS	2	682.370058	1362.72556	0.42945	61.197	2.187	0	0.012241	1	100.98	1602700000	12	36	50
AOA287BLD2	no	GPSPGGDFSLPQPPOE	18	12	Unmodified	_GPSPGGDFSLPQPPOE_	MULTI-MSMS	3	635.300219	1902.87883	-0.046347	79.564	1.0174	0	0.013663	2	106.38	83491000	10	74	132
F1SFA7	yes	GPSSGGYDFGYEGDFYRA	18	12	Unmodified	_GPSSGGYDFGYEGDFYRA_	MULTI-MSMS	2	957.900105	1913.8566	0.50299	55.329	1.0774	0	0.0094706	1	98.592	11105000	15	85	196
AOA287AXU0	no	GVGGVGGVGLGVSTGAVVPQ	18	12	Unmodified	_GVGGVGGVGLGVSTGAVVPQ_	MULTI-MSMS	2	755.91483	1509.81511	-0.55177	59.713	0.41606	0	0.015498	1	91.855	11616000	12	93	208
AOA287AXU0	no	GVGVGGVPGAALSPAAPAA	18	12	Unmodified	_GVGVGGVPGAALSPAAPAA_	MULTI-MSMS	2	739.901722	1477.78889	0.41772	56.503	0.81957	7.1054E-15	0.0098905	1	94.66	23408000	12	98	213
AOA287AXU0	no	GVPGVGVPGVGVPGVGPV	18	12	Unmodified	_GVPGVGVPGVGVPGVGPV_	MULTI-MSMS	2	750.432658	1498.85076	-0.07155	76.227	2.2991	0	4.6484E-10	3	196.55	914870000	12	123	241
AOA287AXU0	no	GVGVGVPGGAGAPIGIGG	18	12	Unmodified	_GVGVGVPGGAGAPIGIGG_	MULTI-MSMS	2	696.385708	1390.75686	1.3056	62.382	1.14	7.1054E-15	0.0094585	2	98.582	31499000	12	192	340
AOA287AXU0	no	GVGVPGVGVPGVGVPGVGPV	18	12	Unmodified	_GVGVPGVGVPGVGVPGVGPV_	MULTI-SECPEP	2	750.432658	1498.85076	0.64134	73.718	0.19134	0	6.109E-22	1	158.07	7622000	12	214	365
AOA287AXU0	no	VLPGVGVGGVGVPGGAGA	18	12	Unmodified	_VLPGVGVGGVGVPGGAGA_	MULTI-MSMS	2	710.401358	1418.78816	3.0813	59.524	0.50708	0	0.015507	1	103.8	20018000	12	220	371
AOA287BLD2	no	DFSLPQPPOEKAHDGGR	19	13	Unmodified	_DFSLPQPPOEKAHDGGR_	MULTI-MSMS	4	544.016989	2172.03885	-0.86394	49.789	2.0046	0	0.0048433	3	99.891	40581000	10	17	27
AOA287AXU0	no	GAGLGGVGVGGVGLGVSTGA	19	13	Unmodified	_GAGLGGVGVGGVGLGVSTGA_	MULTI-MSMS	2	721.88353	1441.75251	-0.11124	56.637	0.7121	0	0.0035683	1	95.822	183960000	12	27	40
AOA287AXU0	no	GGAAGAPGIGGAGAGAPAA	19	13	Unmodified	_GGAAGAPGIGGAGAGAPAA_	MULTI-MSMS	2	717.889615	1433.76268	0.047198	59.96	1.8871	-7.1054E-15	0.0060661	2	102.07	2482100000	12	37	52
AOA287AXU0	no	GVGGVGGVGLGVSTGAVVPQ	19	13	Unmodified	_GVGGVGGVGLGVSTGAVVPQ_	MULTI-MSMS	2	784.425562	1568.83657	1.0888	57.035	0.80782	-7.1054E-15	0.026421	1	153.12	381670000	12	43	71
AOA287BLD2	no	GPSPGGDFSLPQPPOE	19	13	Deamidation (L)	_GPSPGGDFSLPQPPOE_	MULTI-MSMS	2	1016.98618	2015.95781	1.7678	71.073	3.2758	-1.4211E-14	2.3722E-218	6	317.77	182120000	10	75	141
AOA287AXU0	no	GVAPGVGVAPGVGVAPGVQ	19	13	Unmodified	_GVAPGVGVAPGVGVAPGVQ_	MULTI-MSMS	2	759.92774	1515.84093	2.0396	58.296	0.45593	7.1054E-15	0.018862	1	108.3	16504000	12	88	202
AOA287AXU0	no	GVGGVGGVGLGVSTGAVPQL	19	13	Unmodified	_GVGGVGGVGLGVSTGAVPQL_	MULTI-MSMS	2	812.456862	1622.89917	-0.026716	75.511	0.31836	0	0.012732	1	91.855	13691000	12	94	209
AOA287AXU0	no	GVGVGVPGGAGAPIGIGG	19	13	Unmodified	_GVGVGVPGGAGAPIGIGG_	MULTI-MSMS	2	724.89644	1447.77833	-0.21591	64.267	0.84153	0	0.0079201	1	93.938	54671000	12	95	210
AOA287AXU0	no	GVGVGGIPTFGVAGGFP	19	13	Unmodified	_GVGVGGIPTFGVAGGFP_	MULTI-MSMS	2	801.917372	1601.82019	0.040613	78.938	0.36552	-1.4211E-14	0.0082006	1	105.4	38483000	12	97	212
AOA287AXU0	no	GVPGVGVPGVGVPGVAVSPA	19	13	Unmodified	_GVPGVGVPGVGVPGVAVSPA_	MULTI-MSMS	2	786.940847	1571.86714	-0.023887	70.677	1.0404	0	0.0236	1	87.149	663900000	12	121	239
AOA287AXU0	no	GVPGVGVPGVGVPGVGVPGV	19	13	Unmodified	_GVPGVGVPGVGVPGVGVPGV_	MULTI-MSMS	2	778.94339	1555.87223	-1.4634	73.864	0.24363	0	0.014924	1	90.906	2931200	12	124	242
AOA287AXU0	no	GVPGVGVPGVGVPGVGVGPV	19	13	Unmodified	_GVPGVGVPGVGVPGVGVGPV_	MULTI-MSMS	2	778.94339	1555.87223	1.0407	75.67	0.62349	0	0.004815	1	176.79	27037000	12	126	244
AOA287AXU0	no	IVVELGTNPLKSSGIENGA	19	13	Deamidation (L)	_IVVELGTNPLKSSGIENGA_	MULTI-MSMS	2	950.007113	1897.99967	-0.16381	60.481	0.33591	0	0.0066613	1	102.87	10501000	4	142	270
AOA287AXU0	no	GVGVGGIPTFGVAGGFP	20	8	Unmodified	_GVGVGGIPTFGVAGGFP_	MULTI-MSMS	2	830.428104	1658.84166	0.48724	78.843	0.54146	0	0.010844	1	94.616	50550000	12	45	73
AOA287BLD2	no	GPSPGGDFSLPQPPOE	20	8	Unmodified	_GPSPGGDFSLPQPPOE_	MULTI-MSMS	2	1052.01273	2102.01091	0.63082	69.885	1.2803	0	0.0056491	2	173.06	16690000	10	76	144
AOA287AXU0	no	GVGVPGVGVPGVGVPGVGPV	20	8	Unmodified	_GVGVPGVGVPGVGVPGVGPV_	MULTI-MSMS	2	828.477597	1654.94064	0.090244	78.215	1.3021	0	0.022392	1	156.92	1069800000	12	107	222
AOA287AXU0	no	LGVGGVGGVGLGVSTGAVVPQ	20	8	Unmodified	_LGVGGVGGVGLGVSTGAVVPQ_	MULTI-MSMS	2	940.967593	1679.92063	0.14045	64.862	0.54452	0	9.4272E-11	1	195.27	44052000	12	145	273
AOA287AXU0	no	LPVGVGGVGVPGGAGAPIG	20	8	Unmodified	_LPVGVGGVGVPGGAGAPIG_	MULTI-MSMS	2	794.446297	1586.87804	-1.8742	68.135	1.1232	0	0.0082524	1	103.7	48935000	12	149	277
I3LQ84	yes	VGSVDADVLKSKISLGDEAA	20	8	Unmodified	_VGSVDADVLKSKISLGDEAA_	MULTI-MSMS	2	980.989117	1959.96368	2.6475	60.636	0.077019	0	0.013971	1	91.858	8988400	18	203	353
AOA287AXU0	no	GVGVGGVPGGAGAPIGIGG	20	8	Unmodified	_GVGVGGVPGGAGAPIGIGG_	MULTI-MSMS	2	774.430647	1546.84674	1.653	69.855	1.7333	0	0.015288	1	90.696	110970000	12	205	355
AOA287AXU0	no	GVPGVGVPGVGVPGVGVPGV	20	8	Unmodified	_GVPGVGVPGVGVPGVGVPGV_	MULTI-MSMS	2	828.477597	1654.94064	0.017985	77.131	0.99183	0	0.0088045	1	98.249	3284500000	12	211	361
AOA287AXU0	no	GGAAGAPGIGGAGAGAPAA	21	3	Unmodified	_GGAAGAPGIGGAGAGAPAA_	MULTI-MSMS	2	788.925729	1575.8369	0.41778	63.557	0.85999	0	0.015117	1					

Bovine pericardium

Accession	Unique peptide sequence	Length	Count	Modification	Modified	Missed cleavage site	Charge	m/z	Mass	Abundance	Retention time	Retention calibration	Retention time	PEP	MS/MS count	Score	Intensity	Protein group ID	Peptide ID	Evidence ID	
AA03Q1/Mnro	FDGDFYR	9	11	Unmodified	FDGDFYR	MLTI-SE		495.719424	988.422296	0.68751	22.230	0.93579	0	0.028313	0	2.4898	211240000	5	32	56	
AA03Q1/Mnro	FGFDGDFYR	8	11	Unmodified	FGFDGDFYR	MLTI-SE		1.967.383225	966.375948	-2.9755	77.35	0.26577	0	0.0292111	0	95.793	2884200	4	36	76	
P02433	yes			11	Deamidated	FLDQDFPQEE	MLTI-MS	2.478.738925	955.465098	0.47128	38.449	1.3666	0	0.02753	1	120.65	16443000	4	42	85	
P02433	yes			8	13	Fmodified	FSGLGDGAK	MLTI-MS	2.397.705785	793.307018	-0.26392	12.036	1.0625	0	0.0260300	1	120.62	16443000	4	42	85
P02433	yes			8	11	Unmodified	FGFDGDFYR	MLTI-SE	2.488.711599	975.408660	0.58944	24.455	0.3481	0.0000002107	0	3.6838	311480000	5	69	178	
AIUFJ5	no			11	Unmodified	GLQFPVGR	MLTI-MS	2.437.250695	672.486838	0.37643	31.046	0.7398	0	0.0099224	1	86.673	85063000	18	97	310	
P02433	yes			11	Unmodified	GPSPGGVDY	MLTI-SE	1.749.31006	748.302784	-0.28427	10.103	1.0438	0	0.03467	0	17.374	4314400	4	114	350	
P13605	yes			9	11	Unmodified	IPSPFLPR	MLTI-MS	4.333.758352	865.302152	0.67531	18.644	1.5516	0	0.010362	1	153.73	45880000	7	207	677
P21793	yes			11	Unmodified	IVVELGDFR	MLTI-SE	1.844.471746	843.447691	0.34154	18.716	0.3414	0.0000004	0	0.0002964	0	16.836	2257900	9	219	693
AA03Q1/L1no	KYNKFLNR	8	11	2	Deamidated	KYNKdeFLNdeR	MLTI-MA	3.382.197708	1083.57129	-0.28595	8.007	0.16466	0	NaN	0	NaN	884440	19	223	698	
FIN0H9	AIU0H9	11	11	Unmodified	VGGPIFTFG	MLTI-SE	1.747.403566	746.39629	-0.48157	47.321	0.69317	0	0.025949	1	81.1	40512000	21.20	29	63	916	
FMK02	yes			13	Unmodified	ALQFGDFPR	MLTI-MS	2.479.777077	957.3598	0.55899	34.744	0.50318	0	0.010483	0	NaN	128.38	12638000	21.20	9	16
FIN0H9	AIU0H9	9	13	Unmodified	APGGLGDFG	MLTI-MA	1.738.14465	737.407189	0.93435	53.675	0.32068	3.5527E-15	NaN	0	0.01562	0	NaN	2163300	29.9	4	145
AA03Q1/Mnro	FGFDGDFYR	9	13	Unmodified	FGFDGDFYR	MLTI-MS	2.562.245806	1122.47706	-1.831	51.444	0.85699	0	0.010435	1	136.16	48194000	5	37	77		
AA03Q1/Mnro	FGFDGDFYR	9	13	Unmodified	FGFDGDFYR	MLTI-MS	2.520.230156	1046.45576	-0.26437	38.608	0.7432	0	0.010798	0	NaN	138.24	86297000	5	101	321	
P02433/Gzno	GPAGEKAGP	2	392	20341	782.392267	-1.9484	7.0486	0.38883	0	NaN	0	0.01942	0	NaN	0	NaN	5941800	4.31	101	321	
P02433	yes			2	401.195138	800.373768	NaN	0.007916	1	0	0.01942	0	NaN	0	NaN	80.462	4	145	583		
G3M217	yes			13	2	Oxidation	GTLMox	MLTI-MS	2.549.277738	1096.54092	-0.5696	44	1.1215	0	0.014833	1	129.4	58504000	31	147	586
P13605	yes			13	2	Deamidated	ILLDSYN(de)H	MLTI-MS	2.544.784764	1087.55498	1.3216	53.892	0.64588	0	0.023257	1	124.08	11397000	7	201	669
FMK02	no			13	Unmodified	LQDVALSWR	MLTI-MS	2.544.298373	1086.58219	0.87316	36.951	0.53854	0	0.8379675	0	164.57	8182300	29	227	704	
FMK02	yes			13	Unmodified	LPRNLQDFR	MLTI-MS	3.380.222789	1157.66184	0.08954	21.045	0.7546	0	0.010715	1	137.55	43547000	17	246	103	
FMK02	no			13	Unmodified	SLOSISFR	MLTI-MS	2.512.774731	1023.53491	0.56788	25.934	0.43271	0	0.010644	1	136.27	6709600	29	304	913	
AE7303	yes			13	Unmodified	VHSSFGVLL	MLTI-MS	2.498.742899	995.471246	0.61314	30.286	0.80381	0	0.017304	1	126.24	26591000	24	351	919	
E1B98	yes			9	13	Unmodified	VPSYQALLR	MLTI-MA	2.523.803291	1045.59203	0.36666	31.811	0.56101	0	NaN	0	NaN	6432200	28	369	1019
AA0452/ADRR	AGFGDGFYR	9	13	Unmodified	AGFGDGFYR	MLTI-MS	2.498.722781	1023.53491	0.56788	25.934	0.43271	0	0.010644	1	136.27	6709600	29	304	913		
AE0Q03	no			10	Deamidated	ALPRNdeLEQLR	MLTI-MS	4.04.224593	1029.68297	-0.27978	28.84	0.97459	0	0.024204	1	120.99	10807000	17	11	18	
AA03Q1/Mnro	FGFDGDFYR	9	13	Unmodified	FGFDGDFYR	MLTI-MS	2.626.677613	1251.51965	0.51315	58.313	0.8933	-7.1054E-15	2.818E-11	1	180.45	24655000	5	27	40		
P02433	yes			10	Unmodified	GPSPGGVDLS	MLTI-MS	4.475.216714	948.118876	-0.3343	23.832	2.9752	0	0.0015727	4	147.69	43035000	4	115	352	
AA03Q1/Mnro	FGFDGDFYR	9	13	Unmodified	FGFDGDFYR	MLTI-MS	2.927.384268	923.317018	-0.26392	12.036	1.0625	0	0.0260300	1	120.62	16443000	4	42	85		
E1B98	yes			10	Unmodified	HYSDVEIR	MLTI-MS	2.630.814584	1259.61462	1.6655	24.666	0.50505	0	0.0053762	1	133.13	13240000	28	184	650	
FIN041	yes			12	Unmodified	IVFEVFIKPK	MLTI-SE	2.565.826432	1129.63831	0.63033	47.493	0.37054	-7.1054E-15	0.0024034	1	101.64	5151500	30	216	686	
P21793	yes			10	Oxidation	LKMoxPKTLOELR	MLTI-MS	3.420.57619	1258.70674	NaN	7.8187	1	0	0.000048164	1	104.79	9	220	694		
FMK02	no			10	Unmodified	LGEQNFHKVR	MLTI-SE	4.409.891278	1226.652	1.648	7.7201	0.22286	0	0.019187	1	93.649	3182900	5	207	706	
FMK02	no			10	Unmodified	VWVNLGA	MLTI-MS	2.527.822215	1053.62984	0.51315	58.313	0.8933	0	0.012861	1	158.85	2163300	29.9	4	145	
E1B98	yes			12	Unmodified	DYLDVGFDTTR	MLTI-MS	2.651.304049	1300.59355	1.43	53.076	0.86081	0	0.00036466	1	142.43	13422000	26	26	35	
AA03Q1/Mnro	EFFGDGFYR	11	12	Unmodified	EFFGDGFYR	MLTI-MS	2.662.258616	1322.56677	NaN	65.186	1	0	0.024135	1	68.735	5	28	44			
AA03Q1/Mnro	FGFDGDFYR	11	12	Unmodified	FGFDGDFYR	MLTI-MS	2.491.77146	981.528367	NaN	53.897	0.37047	0	0.019576	1	65.672	14221000	21.20	24	121		
P02433	yes			12	Unmodified	FSGLDGAKDA	MLTI-MS	2.519.24854	1036.48254	-1.3015	12.121	0.50843	0	0.032982	1	121.1	14221000	21.20	24	121	
G3M217	no			12	Unmodified	GPPEVIOPLP	MLTI-MS	2.552.380406	1102.60226	0.46267	49.942	1.0646	0	0.0050414	1	130.27	11943000	31	110	340	
P02433	yes			11	Unmodified	GPSPGGVDLSF	MLTI-MS	2.548.750921	1095.48729	-0.16415	54.597	2.0144	0	0.000015333	4	151.29	37864000	4	116	354	
AA03Q1/Mnro	FGFDGDFYR	11	12	Unmodified	FGFDGDFYR	MLTI-MS	3.337.725989	1073.44543	0.53317	57.416	1.2889	-7.1054E-15	0.0027055	1	133.81	30217000	5	134	473		
AE0Q03	no			12	Unmodified	IPPGVLSFLP	MLTI-MS	2.520.837748	1199.55894	-0.001197	37.361	1.4407	0	0.013491	1	143.39	3081800	30	217	675	
FIN041	yes			12	Unmodified	IVFEVFIKPK	MLTI-MS	2.643.876988	1285.73942	NaN	36.05	1	0.2109E-08	1	114.84	30	217	688			
E1B93	no			12	Oxidation	LTMoxPKDIQDLAR	MLTI-MS	3.434.579172	1300.71731	0.14467	20.38	1.3023	0	0.000015898	2	151.15	25067000	13	316	901	
FIN0H9	AIU0H9	11	12	Unmodified	VLAGQPFPIG	MLTI-MS	2.528.297842	1031.58113	NaN	61.111	1	0	0.010319	1	64.757	17.20	36	102	1032		
E1B91	yes			12	Unmodified	VWVNLGA	MLTI-MS	2.535.309135	1168.60372	0.13733	54.45	0.8248	0	0.0007165	1	153.03	1931000	26	378	1033	
FMK02	yes			12	Unmodified	ALQFGDFPR	MLTI-MS	2.672.356951	1242.69935	-1.8136	34.572	0.43744	0	0.0015237	1	125.97	13809000	29	10	17	
P02433	yes			12	Unmodified	FSGLDGAKDA	MLTI-MS	2.547.759278	1093.504	-0.53276	18.371	1.3537	0	0.015455	2	125.71	59420000	4	73	207	
AA03Q1/Mnro	GGGVYFGDGF	12	13	Unmodified	GGGVYFGDGF	MLTI-MS	2.643.284743	1266.48293	NaN	76.254	1	0	0.010416	1	95.909	6	76	229	695		
AA03Q1/Mnro	GGGVYFGDGF	12	13	Unmodified	GGGVYFGDGF	MLTI-MS	2.585.301113	1168.58711	-0.45487	48.822	1.126	-7.1054E-15	0.000000000	1	150.87	54522000	21.20	24	121		
AA03Q1/Mnro	GGGVYFGDGF	12	13	Unmodified	GGGVYFGDGF	MLTI-MS	2.579.299101	1156.58365	-0.96362	7.9187	0.24773	0	0.0049697	1	112.75	3461800	5	98	312		
P02433	yes			12	Unmodified	GPAGERGEQPA	MLTI-MS	2.563.267801	1124.52015	NaN	7.464	1	0.3108E-47	1	176.6	4	103	324			
P02433	yes			12	Unmodified	GPSPGGVDLSF	MLTI-MS	2.605.299353	1208.57135	0.15098	72.435	2.2289	0	5.7222E-13	3	170.66	28745000	4	117	359	
FIN0H9	AIU0H9	12	12	Unmodified	VLAGQPFPIG	MLTI-MS	2.536.345246	1188.42257	NaN	61.111	1	0	0.010319	1	64.757	17.20	36	102	1032		
FIN0H9	AIU0H9	12	12	Unmodified	VLAGQPFPIG	MLTI-MS	2.556.808574	111.60259	0.51098	66.926	1.2194	-1.4211E-14	0.014235	1	104.45	49478000	21.20	165	614		
AA03Q1/Mnro	GGGVYFGDGFYR	12	13	Unmodified	GGGVYFGDGFYR	MLTI-MS	2.736.809499	1471.60444	-0.17632	64.332	0.7754	0	0.0019817	2	140.45	15793000	5	180	643		
P13605	yes			12	Unmodified	KVDPGLSALEQ	MLTI-MS	2.627.304430	1252.66632	-0.000064733	34.663	1.3718	0	0.0030023	1	115.7	30790700	7	222	696	
E1B91	yes			12	Unmodified	STGAVVPLGAG	MLTI-MS	2.528.787826	1052.59112	0.15559	38.359	1.2086	0	0.0019576	1	120.87	93463000	21.20	37	103	
E1B91	yes			12	Unmodified	VLDVGFDTTR	MLTI-MS	2.700.638226	1369.66196	-0.30953	55.544	1.2509	0	0.000035865	2	151.15	73845000	26	328	656	
AE7303	yes			12	Oxidation	LFLMoxPKPSEQAAMULTI-SE	2.647.31082	1292.67009	3.6104	35.444	0.47252	-7.1054E-15	0.4947E-06	1	108.81	19182000	24	331	962		
FIN0H9	AIU0H9	12	13	Unmodified	VLAGQPFPIG	MLTI-MS	2.556.808574	111.60259	0.51098	66.926	1.2194	-1.4211E-14	0.014235	1	104.45	49478000	21.20	165	614		
AA0																					

F1N0H9_AIno	APGVGVVPGVGVVPGVG	17	14 Unmodified_APGVGVVPGVGVVMULTI-MS	2	708.914101	1415.81365	0.46669	72.126	1.9084	0	0.026008	2	111.95	474450000	21.20:6	15	23		
F1N0H9_PIno	GGVLGAGQPFPIGGAG	17	14 Unmodified_GGVLGAGQPFPIGGMULTI-MS	2	706.370058	1410.72556	0.18975	63.739	0.68216	0	0.021644	1	118.67	43242000	21.6	85	291		
F1N0H9_AIno	GPVGVPAGVGVVPGVG	17	14 Unmodified_GPVGVPAGVGVVMULTI-MS	2	687.890626	1373.7667	0.29736	61.902	0.71393	0	0.025884	1	115.49	22797000	21.20:6	106	329		
G3MZ17_ yes	GPPGEVQPPIQASRT	17	14 Deamidatic_GPPGEVQPPIQ(d)MULTI-MS	2	880.980701	1759.94685	-0.088838	49.381	1.3044	-7.1054E-15	5.6249E-70	3	218.62	32459000		31	112		
P02453_ yes	GPPSGGYDLSFLPQPPO	17	14 Unmodified_GPPSGGYDLSFLPCMULTI-MS	2	878.930677	1755.8468	-0.93441	74.309	4.0193	0	2.1059E-100	7	232.88	185150000		4	122		
A0A3Q1NIno	GPSGGGYEFGDGFYR	17	14 Unmodified_GPSGGGYEFGDGMULTI-MS	2	914.384091	1826.75363	-0.06675	63.574	2.9599	0	0	7	449.79	176720000		5	140		
F1N0H9_AIno	GVGGIGGVGLGVSTGA	17	14 Unmodified_GVGGIGGVGLGVMULTI-MS	2	657.854241	1313.69393	-1.2123	53.946	0.5093	-7.1054E-15	0.0028015	1	152.13	43974000	21.20:6	150	591		
F1N0H9_AIno	GVGVGVPLGVGAGVPG	17	14 Unmodified_GVGVGVPLGVGAMULTI-MS	2	674.882801	1347.75105	-0.46369	67.081	1.1942	0	0.026008	1	111.95	55674000	21.20:6	153	594		
F1N0H9_AIno	IGGVGGLGVSTGAIVPQ	17	14 Unmodified_IGGVGGLGVSTGAIVMULTI-MS	2	734.411923	1466.80929	0.072816	58.563	0.71449	7.1054E-15	0.023831	1	117.7	23847000	21.20:6	197	665		
F1N0H9_PIno	LGGVLGAGQPFPIGGGA	17	14 Unmodified_LGGVLGAGQPFPIGGMULTI-MS	2	734.401358	1466.78816	-0.36353	73.324	1.1641	0	0.016421	1	120.99	44929000	21.6	231	708		
P02453_ yes	LSFLPQPQEKADHGG	17	14 Unmodified_LSFLPQPQEKADHMULTI-MA	4	469.997063	1875.95914	0.92702	26.47	0.14827	0 NaN	0	0	2284300		4	249	740		
G3MZ17_ yes	MVSAQESQAQALQQAR	17	14 Oxidation_(Mox)YSAQESQAQMULTI-MS	2	937.973081	1873.93161	-1.3187	31.982	0.13783	0	0.026334	1	108.37	1854300		31	262		
A0A3Q1NIno	PSGGGYEFGDGFYRA	17	14 Unmodified_PSGGGYEFGDDGMULTI-MS	2	921.391916	1840.76928	-2.7619	64.701	0.70903	0	0.0024648	2	131.06	8154800		5	279	823	
E1B198_ yes	VLVTGKAAEYDVFER	17	14 Unmodified_VLVTGKAAEYDVFMULTI-MS	3	618.331631	1851.97306	-0.045481	46.084	0.74806	0	0.024711	1	90.223	11409000		28	364	1006	
F1N0H9_AIno	AAAAAAXXKLGAGGAG	18	8 Unmodified_AAAAAAAXXKLGAMULTI-MS	2	699.396607	1396.77866	-0.16076	12.065	0.22609	0	0.0017308	1	130.94	3424800	21.20:6	0	0	0	
A0A3Q1MIno	GGVLGAGQPFPIGGVAAR	18	8 Unmodified_GGVLGAGQPFPIGCMULTI-MS	2	812.451914	1622.88927	-1.1064	55.622	0.45102	0	0.02402	1	118.4	11192000		20	87	204	
P02453_ yes	GPPSGGYDLSFLPQPPOE	18	8 Unmodified_GPPSGGYDLSFLPCMULTI-MS	2	843.451973	1884.88939	-0.8309	74.74	3.1576	0	3.3766E-75	7	221.55	245680000		4	123	402	
A0A3Q1NIno	GPSGGGYEFGDGFYRA	18	8 Unmodified_GPSGGGYEFGDGMULTI-MS	2	949.902648	1897.79074	-0.16811	71.882	3.0825	0	0	5	390.17	49214000		5	141	474	
F1N0H9_AIno	GVGVGVVPGVGVVPGVG	18	8 Unmodified_GVGVGVVPGVGVVPGVMULTI-MS	2	730.417008	1458.81946	0.46857	74.361	0.48001	0	0.00095942	1	133.23	6718300	21.20:6	162	611	104	
F1N0H9_AIno	GVPGVGVPGVGVVPGVP	18	8 Unmodified_GVPGVGVPGVGVVPMULTI-MS	2	750.432658	1498.85076	0.23656	75.988	0.46041	0	6.6425E-08	1	148.05	6063700	21.20:6	174	628	700	
F1N0H9_AIno	LGVGGIGGVGLGVSTGA	18	8 Unmodified_LGVGGIGGVGLGVMULTI-MS	2	714.396273	1426.77799	0.33241	66.064	1.5069	0	0.027023	1	107.79	75246000	21.20:6	232	709	100	
F1N0H9_AIno	VAPGVGVVPGVGVVPGVG	18	8 Unmodified_VAPGVGVVPGVGVVPMULTI-MS	2	758.448308	1514.88206	-0.56675	74.73	2.1826	0	0.028223	1	106.42	228010000	21.20:6	321	939	100	
P02453_ yes	GPPSGGYDLSFLPQPQOEK	19	3 Unmodified_GPPSGGYDLSFLPCMULTI-MS	2	1007.45945	2012.88436	1.5351	58.875	2.0274	-7.1054E-15	1.7379E-60	2	208.27	9073500		4	124	411	
E1B417_ no	VADADYSELVSGSKPSAR	19	3 Unmodified_VADADYSELVSGSMULTI-MA	3	655.668971	1963.98908	-0.32679	34.88	0.06676	0 NaN	0	0	952780		25	319	937	100	
F1N0H9_AIno	VGVPGVGVPGVGVVPGVVP	19	3 Unmodified_VGVPGVGVPGVGVVPMULTI-MS	2	799.966865	1597.91918	-0.7073	77.745	0.42175	0	0.023717	1	114.84	9168900	21.20:6	348	987	100	
F1N0H9_AIno	AAAGLPAGVPLGVGVVPG	20	3 Unmodified_AAAGLPAGVPLGMULTI-MS	2	808.461947	1614.90934	2.3643	76.322	0.80033	0	0.031947	1	103.7	12561000	21.20	2	2	2	
F1N0H9_AIno	VGGIGGVGLGVSTGAIVPQ	20	3 Unmodified_VGGIGGVGLGVSTGMULTI-MS	2	840.967593	1679.92063	0.81996	65.926	1.3369	0	6.5548E-53	1	201.75	94682000	21.20:6	338	971	100	
F1N0H9_AIno	VDPVGVGVPGVGVVPGVP	20	3 Unmodified_VDPVGVGVPGVGVVPMULTI-MS	2	828.477597	1654.94064	0.54583	76.871	0.29607	0	0.020841	1	114.36	16609000	21.20:6	349	988	100	
F1N0H9_AIno	GAPGAIPGIGGIAGVGAPOAA	21	2 Unmodified_GAPGAIPGIGGIAGVMULTI-MS	2	844.951943	1687.88933	0.15217	71.421	0.69102	0	1.2057E-06	1	136.49	69496000	21.20:6	60	144	100	
F1N0H9_AIno	GVGGIGGVGLGVSTGAIVPQ	21	2 Unmodified_GVGGIGGVGLGVMULTI-MS	2	869.478325	1736.9421	1.0259	67.508	1.745	0	9.5534E-41	1	186.87	82329000	21.20:6	151	592	100	
F1N0H9_AIno	GAPGAIPGIGGIAGVGAPOAAA	22	2 Unmodified_GAPGAIPGIGGIAGVMULTI-MS	2	880.4705	1758.92645	0.59476	72.511	1.465	0	0.025957	1	111.5	31095000	21.20:6	61	146	100	
F1N0H9_AIno	LGVGGIGGVGLGVSTGAIVPQ	22	2 Unmodified_LGVGGIGGVGLGVMULTI-MS	2	926.020357	1850.02616	-0.12529	75.365	0.47033	1	1.329E-52	1	194.17	29373000	21.20:6	233	710	100	
P02453_ yes	GPPSGGYDLSFLPQPQEKADHGG	23	1 Unmodified_GPPSGGYDLSFLPCMULTI-MS	3	798.716873	2393.12879	-2.6162	92.937	1.976	0	0.015412	1	87.496	45289000		4	127	100	
P02453_ yes	PPSGGYDLSFLPQPQEKADHGG	24	1 Unmodified_PPSGGYDLSFLPCMULTI-MA	4	638.314751	2549.2299	-2.732	40.92	0.6375	0 NaN	0	0	5862800		4	275	787	100	
P02453_ yes	GPPSGGYDLSFLPQPQEKADHGG	25	1 Deamidatic_GPPSGGYDLSFLPCMULTI-MS	4	652.816121	2607.23538	1.1599	46.406	5.2487	0	2.7129E-22	8	155.76	110750000		4	129	787	100

Bovine dermis

Accession	Unique protein	Sequence	Length	Count	Modification	Modified sequence	Missed cleavage	Type	Charge	m/z	Mass	ppm	Retention time	Retention length	Retention time calibration	PEP	MS/MS count	Score	Intensity	Protein group ID	Peptide ID	Evidence ID
A0A3Q1NA44	no	EPFGDGFYR	8	13	Unmodified	_GFDGDFYR_		MULTI-MS	2	488.711599	975.408646	0.62351	26.112	0.67396	3.5527E-15	0.016438	2	151.51	147440000	5	69	157
A0A3Q1NA44	no	FDGNWNGDRSTYG	8	13	Unmodified	_GFDGDFYR_		MULTI-MS	2	488.711599	975.408646	0.77447	26.691	0.6809	0	0.019411	1	151.51	84822000	5	69	158
A0A3Q1NA44	no	FTDGVGDGLADLQRASELRQEG	8	13	Unmodified	_GFDGDFYR_		MULTI-SEI	2	488.711599	975.408646	-0.89297	27.799	0.55436	0	0.030592	1	79.116	22437000	5	69	163
A0A3Q1NA44	no	FVITGGKSVEDAQEAASMA	8	13	Unmodified	_GFDGDFYR_		MULTI-MS	2	488.711599	975.408646	1.2232	28.467	0.89713	0	0.019411	1	151.51	26979000	5	69	159
A0A3Q1NA44	no	GAPGAIPGVPGVGGVPGVGIPA	8	13	Unmodified	_FDGDFYRA_		MULTI-MS	2	495.719424	989.424296	1.1246	26.294	0.81613	0	0.030631	1	148.33	14177000	5	32	50
A0A3Q1NA44	no	GFDGDFYRA	8	13	Unmodified	_FDGDFYRA_		MULTI-SEI	2	495.719424	989.424296	0.72399	28.27	0.89911	3.5527E-15	0.0015766	1	100.19	46875000	5	32	53
A0A3Q1NA44	no	GGGYEFGDGFYRA	8	13	Unmodified	_GFDGDFYR_		MULTI-MA	2	488.711599	975.408646	-0.82364	36.303	0.33623	0 NaN	0	NaN	2733700	5	69	185	
E1BB91	yes	LGAIAKDPKSETGTR	8	13	Unmodified	_VVIPTFRQ_		MULTI-MS	2	480.287277	958.560001	-0.85882	30.003	0.62653	0	0.025629	1	131.04	13604000	26	379	1044
E1BB91	yes	MVSAQESQAAILQQAR	8	13	Unmodified	_SFQEVLR_		MULTI-SEI	2	513.274367	1024.53418	-0.27076	45.873	0.32803	0	0.030592	1	79.116	6931000	26	296	862
E1BA17	no	STVGALDKIGADGTQ	8	13	Unmodified	_FLENLVTA_		MULTI-SEI	1	906.49311	905.485833	-0.45365	54.444	0.34626	0	0.02227	1	82.671	6953500	25	40	81
A4IFU5	no	VISERVQTSREELSR	8	13	Unmodified	_GLQFPVGR_		MULTI-SEI	2	437.250695	872.486836	0.14809	26.04	1.2232	-3.5527E-15	0.035905	1	76.847	158440000	18	97	309
P21793	yes	VVIPTFRQ	8	13	Unmodified	_APLVKLER_		MULTI-MS	2	463.295102	924.575651	1.142	9.9031	0.5348	-1.7764E-15	0.023532	1	121.99	139590000	9	16	24
A0A3Q1LT99	no	YPPPAVESDAADIVF	8	13	2 Deamidation (NQ)	_KYN(de)KLFN(de)R_		MULTI-MS	3	362.197708	1083.57129	0.00027718	8.4623	0.50671	-1.7764E-15	0.027601	1	120.62	28815000	19	223	697
A0A3Q1NA44	no	FDQHQNKEILNLVLR	9	11	Unmodified	_GERGVVGPQ_		MSMS	2	449.740691	897.466829	NaN	6.6371	1	0	2.9148E-07	1	107.01		5	68	155
P02453;G3MZ17	no	GVGVPGVPGVPGVPGVPGVPG	9	11	Unmodified	_GPAGEKGAP_		MULTI-MS	2	392.20341	782.392267	-1.4043	6.3545	0.16181	0	0.01427	1	130.28	137600000	4;31	101	320
P02453	yes	GVPGVPGVPGVPG	9	11	Unmodified	_SFLPQPQQE_		MSMS	2	521.763832	1041.51311	NaN	43.622	1	0	0.032068	1	76.774		4	290	849
F1N0H9;A0A3Q1M																						
FJ9;P04985	no	ILVGLERVANLEQ	9	11	Unmodified	_APGIGLPG_		MULTI-SEI	1	738.414465	737.407189	0.91217	26.533	0.57232	0	0.043312	1	86.344	8730700	21;20;6	14	21
E1BB91	yes	LSFLPQQPEKAHDGGR	9	11	Unmodified	_ILVGSAGSR_		MULTI-MS	2	430.253434	858.492316	-0.35351	8.4679	0.28953	0	0.01076	1	135.77	25805000	26	204	672
E1BB91	yes	LVLFLGKSGQDDISR	9	11	Unmodified	_IKFRPLGSR_		MULTI-MS	3	358.557459	1072.65055	-0.32112	6.5377	0.25762	0	0.013769	1	131.06	72878000	26	195	663
F1MKG2	yes	SFLPQPOEKAHD	9	11	Unmodified	_ILQVVGAR_		MULTI-MS	2	492.78289	983.551228	0.62953	6.8476	0.24062	0	6.9747E-06	1	166.17	26950000	29	205	673
E1BA17	no	STGAVVPQLGAG	9	11	Unmodified	_VIVITDGR_		MULTI-MS	2	486.297842	970.581131	1.0932	22.514	1.0469	3.5527E-15	0.011215	2	143.61	21134000	25	358	99
A4IFU5	no	VGWVQVSHEGTFEA	9	11	Unmodified	_AGLQFPVGR_		MULTI-MS	2	472.769252	943.52395	1.3768	28.485	0.84723	3.5527E-15	0.013958	1	130.77	64131000	18	6	8
F1N0H9;A0A3Q1M																						
FJ9;P04985	no	VTGKAAEYDVVFGER	9	11	Unmodified	_APGIGLPG_		MULTI-SEI	1	738.414465	737.407189	0.91217	26.533	0.57232	0	0.043312	1	86.344	8730700	21;20;6	14	21
Q32BN5	yes	YDEKSTGISVPGPM	9	11	Unmodified	_VVELEDKFR_		MULTI-MS	3	378.876634	1133.60807	-0.71652	18.081	0.67125	0	0.022841	1	124.23	50205000	16	377	1040
A0A3Q1NA44	no	GFGSLDGAKGDA	10	7	Unmodified	_F9DGDGFYRA_		MULTI-MS	2	597.764363	1193.51417	-0.42533	51.824	0.82937	0	0.03453	1	116.25	5925500	5	38	79
E1BB91	yes	LGGLVLGAGQPFPIGG	10	7	Unmodified	_AGPEFYIRT_		MULTI-MS	2	591.301113	1180.58767	0.075626	29.668	0.70432	0	0.015618	1	125.98	38832000	26	7	9
E1BB91	yes	LVGYLDVGFDTTR	10	7	Unmodified	_ILVGLERVAN_		MULTI-MS	2	542.329673	1082.64479	-0.054623	31.036	0.40502	0	0.0041865	1	133.98	12902000	26	202	670
E1BB91	yes	PGISLVKENYAE	10	7	Unmodified	_RELPSLEQKL_		MULTI-MS	2	606.85097	1211.68739	-0.78313	20.995	0.94306	0	0.0018156	1	145.72	41041000	26	284	837
E1BB91	yes	PPSGGYDLSFLPQPEKAHDGGR	10	7	Unmodified	_ILDAINKVY_		MULTI-MS	2	574.339707	1146.66486	0.73038	38.972	0.61483	0	0.0087436	1	130.75	30941000	26	198	666
F1MKG2	no	RYQKSTELLIR	10	7	Unmodified	_GGLHFSDLVE_		MULTI-MS	2	537.266739	1072.51892	-0.65902	40.583	1.1836	0	0.026098	1	119.89	46249000	29	80	283
F1MKG2	no	SAQESQAAILQQAR	10	7	Unmodified	_AYNKLIKEIR_		MSMS	3	407.903183	1220.68772	NaN	6.5253	1	0	0.033856	1	69.979		29	22	31
P02453	yes	GPSGGGYEFGDGFDFY	11	4	Unmodified	_FSGLDGAKGDA_		MULTI-MS	2	519.248546	1036.48254	-0.90686	12.166	0.95458	-1.7764E-15	0.011392	1	122.28	317400000	4	51	124
E1BB91	yes	PPQEKADHDGGR	11	4	Unmodified	_LVTLQSRELSR_		MULTI-MS	2	493.908886	1316.70483	0.19555	9.303	0.36459	1.7764E-15	0.021347	1	115.29	17447000	26	376	1039
E1BGN3	no	TADTLKLYQNK	11	4	Unmodified	_RYQKSTELLIR_		MULTI-MS	3	468.608659	1405.80415	0.61934	8.9299	0.54837	-1.7764E-15	0.00044058	1	141.71	46643000	13	286	839
A6QQQ3	no	VLLPKKTESHKKAG	11	4	Unmodified	_IPPGVFSKLEN_		MULTI-MS	2	600.834788	1199.65502	-0.22276	34.093	1.6736	0	0.014758	1	117.7	35977000	17	206	674
A0A3Q1NA44	no	FDGSGDQNVFAVQKGLEPKVDTLIR	12	20	Unmodified	_GLAGHHGQDQAP_		MULTI-MS	2	558.762686	1115.51082	-0.86408	6.4228	0.94191	0	0.033177	1	95.909	309670000	5	94	306
A0A3Q1NA44	no	GADGAPGKDGVRGLT	12	20	Deamidation (NQ)	_GIRGHN(de)GLDGLK_		MULTI-MS	3	413.326438	1236.65748	-0.30256	8.704	0.45287	0	0.0056194	1	110.64	22068914	5	93	305
A0A3Q1NA44	no	GAVGAPGKDEGEAGQ	12	20	Unmodified	_GGYEFGDGFDFY_		MULTI-MS	2	687.269675	1372.5248	0.37634	76.422	1.2676	0	0.034063	1	95.531	43120000	5	88	295
A0A3Q1NA44	no	GFPGAVGAKGEGGPQ	12	20	Deamidation (NQ)	_GIRGHN(de)GLDGLK_		MULTI-MS	3	413.326438	1236.65748	-0.8087	8.2518	0.70516	0	0.011613	1	105.65	6035700	5	93	304
P02453	yes	GYDEKSTGISVPGPM	12	20	Unmodified	_FSGSLDGAKGDA_		MULTI-MA	2	547.759278	1093.504	0.046815	18.19	0.097076	0 NaN	0	NaN	1059000	4	73	209	
F1N0H9;A0A3Q1M																						
FJ9	no	GVDLSFLPQPQOE	12	20	Unmodified	_VGPPGGQQQPGVP_		MULTI-MS	2	570.29583	1138.57711	-0.033296	42.819	2.3047	0	0.0040436	3	113.89	130620000	21;20	341	974
F1N0H9;A0A3Q1M																						
FJ9;P04985	no	ILINKISKISPGA	12	20	Unmodified	_STGAVVPQLGAG_		MULTI-MS	2	528.787838	1055.56112	-0.63072	33.073	0.93124	0	0.0044078	1	113.26	31875000	21;20;6	307	917
F1N0H9;A0A3Q1M																						
FJ9;P04985	no	ISQLQDELYLDQVA	12	20	Unmodified	_VPGAVGLGGVSP_		MULTI-MS	2	505.287474	1008.5604	0.74377	44.953	0.85508	0 NaN	0	NaN	4638900	21;20;6	365	1013	
E1BB91	yes	LVGVILDNGGKT	12	20	Unmodified	_ELPSLEQKLLTP_		MULTI-SEI	2	684.392667	1366.77078	-1.4387	53.673	0.8763	0	0.024229	1	92.538	50487000	26	29	45
E1BB91	yes	PGGVPGGVFFPGAG	12	20	Unmodified	_VDYLDVGFDTTR_		MULTI-MS	2	700.838256	1399.66196	1.0587	50.843	0.86335	7.1054E-15	0.004193	1	113.63	54980000	26	328	955
E1BI98	yes	PSGGGYEFGDGFDFYR	12	20	Unmodified	_IAKDFIVKVIDR_		MULTI-MS	4	354.969785	1415.85004	-2.207	31.23	0.47533	3.5527E-15	0.02715	1	98.531	64204000	28	189	656
E1BI98	yes	PSGGGYEFGDGFDFYRA	12	20	Oxidation (M)	_TDVM(ox)DALGYVTR_		MULTI-MS	2	678.826834	1355.63912	-0.68796	42.612	0.66122	0	0.026348	1	98.898	10388000	28	314	928
E1BGN3	no	SYGYDEKSTGISVPGPM	12	20	Unmodified	_YRPGTVALREIR_		MULTI-MS	4	358.461122	1429.81538	0.55209	12.738	0.59688	-1.7764E-15	0.0044258	2	113.22	22526000	13	390	1064
E1BGN3	no	TGDMALGYVTR	12	20	Oxidation (M)	_VTIM(ox)PKDIQLAR_		MULTI-MS	3	467.602517	1399.78572	-0.37774	23.887	1.3247	0	0.013321	1	104.87	549720000	13	375	1037
E1BGN3	no	TGSALDFVR	12	20	Oxidation (M)	_VTIM(ox)PKDIQLAR_		MULTI-MS	2	700.900137	1399.78572	-0.10587	23.887	0.72548	0	0.001779	1	127.76	119140000	13	375	1036
F1N0H9;A0A3Q1M																						
FJ9	no	TIMPKDIQLAR	12	20	Unmodified	_VGPPGGQQQPGVP_		MULTI-MS	2	570.29583	1138.57711	-0.033296	42.819	2.3047	0	0.0040436	3	113.89	130620000	21;20	341	974
A0A3Q1MFJ9	no	VAVVYTYNNEVTTEIR	12	20	Unmodified	_SPIFFGAGGLG_		MULTI-MS	2	515.271824	1028.5291	-0.010741	47.992	0.75482	7.1054E-15	0.026934	1</					

F1N0H9;A0A3Q1M	no	IIDAINKVY	13	34	Unmodified	_GVGPGVGVPGVG_	MULTI-MS	2	525.800749	1049.58694	-0.5409	51.447	0.88545	7.1054E-15	0.010536	1	110.63	12734000	21;20;6	158	603
FJ9;P04985	no	IIDAINKVYKGR	13	34	Unmodified	_VPGAVGLGGVSPA_	MULTI-SEI	2	540.806031	1079.59751	-0.7505	39.324	0.50542	0	0.032059	1	65.252	7850200	21;20;6	366	1014
F1N0H9;A0A3Q1M	no	ISVPGMPGPS	13	34	Unmodified	_VYPGGVLPGAGAR_	MULTI-MA	2	607.33803	1212.66151	1.0385	27.687	0.13801	0	NaN	0	NaN	2277200	21;20;6	384	1054
E1B891	yes	LIVLTADRSQDDVR	13	34	Unmodified	_LVTADTLKLYNQK_	MULTI-MS	2	753.929948	1505.84534	0.20626	28.258	0.44678	0	0.0096934	1	120.06	5011700	26	363	1005
E1B891	yes	LLGGPAPNTGALE	13	34	Unmodified	_VREFRDLPSIEER_	MULTI-MS	2	549.293399	1644.85837	2.8987	22.316	0.61164	0	0.008777	1	125.28	16097000	26	370	1025
E1B891	yes	LPQPQPEKAHDGGR	13	34	Unmodified	_LVTVNNYVTEIR_	MULTI-MS	2	769.39647	1536.77839	-0.0044893	25.788	0.46059	0	0.027294	1	93.258	9318600	26	382	1048
E1B891	yes	LPQPQPEKAHDGGRY	13	34	Unmodified	_LVDYLDVGFDTTR_	MULTI-SEI	2	757.380288	1512.74602	2.6833	59.073	0.54739	-7.1054E-15	0.040848	1	63.408	8759000	26	254	751
E1B891	yes	LSYGYDEKSTGISVP	13	34	Unmodified	_LVTADTLKLYNQK_	MSMS	2	502.955724	1505.84534	NaN	28.518	1	0	0.014437	1	81.565		26	363	1006
E1B891	yes	LSYGYDEKSTGISVPGM	13	34	Unmodified	_LIVGLERVANLEQ_	MULTI-MS	2	727.422291	1452.83003	0.66767	50.92	0.64069	0	0.010342	1	129	41739000	26	203	671
E1B98	yes	PSGGYDLSFLPPQPQE	13	34	Unmodified	_GLEDAVNEAKHLG_	MSMS	2	676.843873	1351.67319	NaN	32.987	1	0	0.0096675	1	91.549		28	95	307
F1MKG2	yes	SFLPQPPOE	13	34	Deamidation (NQ)	_IQVQ(de)AINQVVOGAR_	MULTI-MS	2	698.898983	1395.78341	-1.36	34.803	0.37291	0	0.0103	1	115.71	4987500	29	218	690
F1MKG2	no	SFQEVLERF	13	34	Unmodified	_IQLDDEKSLSS_	MULTI-MS	2	745.870285	1489.72602	-0.81238	39.384	0.46965	0	0.016451	1	101.3	21176000	29	208	678
F1MKG2	yes	SGGGYEFGFDGDFY	13	34	Deamidation (NQ)	_IQVQAIN(de)QVVOGAR_	MULTI-MS	2	698.898983	1395.78341	0.80883	22.989	0.23918	-3.5527E-15	0.02493	1	94.692	2952900	29	218	689
F1N0H9;A0A3Q1M	no	VAQKGLEPKVDITLRR	13	34	Unmodified	_GVVPGVGVVPGVG_	MULTI-SEI	2	546.824224	1091.63389	-0.58014	58.564	0.67071	-7.1054E-15	0.044421	1	62.659	15233000	21;20;6	176	634
F1N0H9;A0A3Q1M	no	VFTATEFRPAPLQG	13	34	Unmodified	_VPGAVGLGGVSPA_	MULTI-SEI	2	540.806031	1079.59751	-0.7505	39.324	0.50542	0	0.032059	1	65.252	7850200	21;20;6	366	1014
FJ9;P04985	no	VIQFSDDPVRVF	13	34	Unmodified	_IRNDEELNKLGR_	MULTI-MS	4	393.22314	1568.86345	-0.43907	25.179	0.78013	0	0.0064134	1	141.58	23320000	18	209	679
F1N0H9;A0A3Q1M	no	VPGAVGLGGVSPA	13	34	Unmodified	_GVVPGVGVVPGVG_	MULTI-SEI	2	546.824224	1091.63389	-0.58014	58.564	0.67071	-7.1054E-15	0.044421	1	62.659	15233000	21;20;6	176	634
F1N0H9;A0A3Q1M	no	VPGGVPGGVFFPGAG	13	34	Unmodified	_VYPGGVLPGAGAR_	MULTI-MS	2	607.33803	1212.66151	0.12794	25.153	1.7047	-3.5527E-15	0.022228	1	96.331	606720000	21;20;6	384	1051
F1N0H9;A0A3Q1M	no	VREFRDLPSIEER	13	34	Unmodified	_GVGPGVGVVPGVG_	MULTI-MS	2	525.800749	1049.58694	-0.5409	51.447	0.88545	7.1054E-15	0.010536	1	110.63	12734000	21;20;6	158	603
F1N0H9;A0A3Q1M	no	VSAQESQAQAILQOAR	13	34	Unmodified	_VPGAVGLGGVSPA_	MULTI-SEI	2	540.806031	1079.59751	-0.7505	39.324	0.50542	0	0.032059	1	65.252	7850200	21;20;6	366	1014
P21793	yes	VVESLDVGPDR	13	34	Deamidation (NQ)	_HLNN(de)NKLKVPVPGG_	MULTI-SEI	3	464.264892	1389.77285	0.37958	11.446	0.63822	0	0.023486	1	87.184	22415000	9	183	648
A0A3Q1MNL9	yes	VYPGGVLPGAGAR	13	34	Unmodified	_ADSDVSTADILFR_	MULTI-MS	2	705.348988	1408.68342	-0.96673	56.677	0.52657	0	0.031534	1	90.685	3889900	10	4	4
E1B9F6	no	YDLSFLPOPPQE	13	34	Oxidation (M)	_VETGVLKPGM(ox)VVT_	MULTI-MS	2	673.37342	1344.73229	0.49019	26.562	0.48386	0	0.015293	1	102.52	16853000	12	329	958
A0A3Q1N444	no	FAVGNGVADQAELEEIA	14	37	Unmodified	_GGGYEFGFDGDFYR_	MULTI-MS	2	793.830963	1585.64737	0.12512	57.443	0.63914	-7.1054E-15	2.2046E-29	2	188.91	17976000	5	78	240
A0A3Q1N444	no	GDPGKAGEKGHAGLA	14	37	Unmodified	_SGGGYEFGFDGDFYR_	MULTI-MS	2	759.296421	1516.57829	0.30615	76.739	0.91114	0	0.011186	1	123.21	38250000	5	298	867
A0A3Q1N444	no	GDGPGVRSGETGAS	14	37	Unmodified	_GGGYEFGFDGDFYR_	MULTI-MS	2	793.830963	1585.64737	-0.17494	58.038	0.68658	7.1054E-15	5.8637E-53	1	210.08	130630000	5	78	241
A0A3Q1N444	no	GGVLGAGQPPFPIGG	14	37	Unmodified	_SGGGYEFGFDGDFYR_	MULTI-MA	2	759.296421	1516.57829	-0.28326	77.613	0.32949	0	NaN	0	NaN	5646400	5	298	873
A0A3Q1N444	no	GGVLGAGQPPFPIGGGA	14	37	Unmodified	_GGGYEFGFDGDFYR_	MULTI-MA	2	793.830963	1585.64737	-1.3821	66.537	1.0633	0	NaN	0	NaN	3563200	5	78	260
P02453	yes	GPSSGGYDLSFLPQ	14	37	Unmodified	_GPSSGGYDLSFLPQ_	MULTI-MS	2	717.848624	1433.6827	0.07833	64.424	2.7606	1.4211E-14	2.051E-40	3	200.54	42740000	4	119	370
P02453	yes	GPSGEPGKGOPS	14	37	Unmodified	_FSGLDGAKGADGAPGA_	MULTI-MS	2	631.804217	1261.59388	0.087989	20.261	0.9418	0	0.00014833	1	149.33	183730000	4	52	128
P02453	yes	GPSGGGYEFG	14	37	Unmodified	_SYGYDEKSTGISVP_	MSMS	2	751.854103	1501.69365	NaN	34.617	1	0	1.354E-39	1	152.54		4	311	922
P02453	yes	GPSGGGYEFGFDG	14	37	Unmodified	_FSGLDGAKGADGAPGA_	MULTI-MS	2	631.804217	1261.59388	1.1244	17.279	0.46745	3.5527E-15	0.015577	1	134.75	88566000	4	52	126
F1N0H9;A0A3Q1M	no	GYEFGFDGDFYRA	14	37	Unmodified	_GVPGVGVPGVGVPG_	MULTI-MS	2	574.327131	1146.63971	0.35282	52.625	0.738	0	0.013307	2	114.6	20753000	21;20;6	172	623
F1N0H9;A0A3Q1M	no	HANTKVGLEHLR	14	37	Unmodified	_GGVLGAGQPPFPIGG_	MULTI-MS	2	613.830037	1225.64552	0.19667	60.206	0.84044	0	0.013439	2	106.04	90121000	21;20;6	83	286
FJ9;P04985	no	HLNNNKLKVKVPGG	14	37	Unmodified	_PGGVPGGVFFPGAG_	MULTI-MS	2	608.31148	1214.60841	-0.6032	61.953	0.68252	0	0.024939	1	89.142	8436400	21;20;6	267	774
F1N0H9;A0A3Q1M	no	HYSDEVEIIR	14	37	Unmodified	_GVYPGGVLPGAGAR_	MULTI-MS	2	635.848761	1269.68297	0.55252	29.51	0.50131	0	0.021234	1	91.867	14498000	21;20;6	177	637
FJ9;P04985	no	ILVGLERVAN	14	37	Unmodified	_GGVLGAGQPPFPIGG_	MULTI-SEI	1	1226.6528	1225.64552	-0.27295	60.25	0.48317	0	0.0090172	1	87.639	5337500	21;20;6	83	287
F1N0H9;A0A3Q1M	no	IPPGVFSKLEN	14	37	Unmodified	_GVGPGVGVPGVGPV_	MULTI-MS	2	595.350606	1188.68666	1.0178	63.024	1.1656	0	0.020799	1	92.187	25896000	21;20;6	347	985
E1B891	yes	LLPPTPNNR	14	37	Unmodified	_FKGGSPLNTGKALE_	MULTI-MS	2	709.885541	1417.75653	-0.278	13.968	0.33695	0	0.015096	1	133.98	16149000	26	39	80
E1B891	yes	LNAPNTKQDEVIDAVR	14	37	Unmodified	_VLVLGGKQDDDISR_	MULTI-MS	3	512.278979	1533.81511	-1.9327	27.07	0.34619	0	0.014615	1	104.17	15563000	26	359	1001
E1B891	yes	LSFLPQPPQEKAHGD	14	37	Unmodified	_LIVLTADRSQDDVR_	MULTI-MS	3	510.61425	1528.82092	1.4089	22.504	0.83124	0	0.025741	1	88.552	38255000	26	237	715
E1B891	yes	NNYATMRPDSTIEDQDTNR	14	37	Deamidation (NQ)	_IIDAIN(de)KVVYKGR_	MULTI-MS	3	516.303236	1545.88788	0.71624	17.497	0.42181	0	0.013715	1	100.55	12640000	26	199	667
E1B891	yes	NTGNATCFVFNDFG	14	37	Unmodified	_LLGGPAPNTGAALR_	MULTI-MS	2	640.845884	1279.67722	1.4797	40.455	0.39889	0	0.014759	1	109.66	8133800	26	239	717
E1B98	yes	PSGGYDLSFLPPQPEKAHDGGR	14	37	Unmodified	_VVQYSGTGGQQRPER_	MULTI-MS	3	535.609499	1603.80667	-1.363	6.5607	0.33248	0	0.010745	1	126.95	282890000	28	380	1045
F1MKG2	yes	SDLVEVFSPPGSDR	14	37	Unmodified	_VGSVDVTDLVLKSL_	MULTI-MS	2	717.869753	1433.72495	0.24267	43.066	0.60032	0	4.77561E-29	1	184.03	49878000	29	344	982
F1MKG2	no	SFLPQPPQEKAHDGGR	14	37	Unmodified	_VGVVQVYSHETFEA_	MULTI-MS	2	761.862263	1521.70997	-0.098282	29.559	0.77506	3.5527E-15	9.1643E-40	1	93.21	25470000	29	350	990
G3MZI7	yes	SGLDGAKGADGAPGA	14	37	Unmodified	_AQESQAQAILQOAR_	MULTI-MS	2	771.40516	1540.79577	-0.99069	24.988	0.36824	0	0.013149	1	197.813	8003300	31	17	25
F1N0H9;A0A3Q1M	no	TYKSQASVLDAIR	14	37	Unmodified	_GVPGVGVPGVGVPG_	MULTI-MS	2	574.327131	1146.63971	0.35282	52.625	0.738	0	0.013307	2	114.6	20753000	21;20;6	172	623
FJ9;P04985	no	VADADYSSELVSGSKPSAR	14	37	Unmodified	_GGVLGAGQPPFPIGG_	MULTI-MS	2	613.830037	1225.64552	0.19667	60.206	0.84044	0	0.013439	2	106.04	90121000	21;20;6	83	286
F1N0H9;A0A3Q1M	no	VAITPDHLEPLRLS	14	37	Unmodified	_PGGVPGGVFFPGAG_	MULTI-MS	2	608.31148	1214.60841	-0.6032	61.953	0.68252	0	0.024939	1	89.142	8436400	21;20;6	267	774
FJ9;P04985	no	VAQKGLEPKVDITLIR	14	37	Unmodified	_GVYPGGVLPGAGAR_	MULTI-MS	2	635.848761	1269.68297	0.55252	29.51	0.50131	0	0.021234	1	91.867	14498000	21;20;6	177	637
F1N0H9;A0A3Q1M	no	VGNVQELSELSEVLEQT	14	37	Unmodified	_VGVPGVGVPGVGPV_	MULTI-MS	2	595.350606	1188.68666	1.0178	63.024	1.1656	0	0.020799	1	92.187	25896000	21;20;6	347	985
FJ9;P04985	no	VGPFGGQGPVGLVGPV	14	37	Unmodified	_GGVLGAGQPPFPIGG_	MULTI-SEI	1	1226.6528	1225.64552	-0.27295	60.25	0.48317	0	0.0090172	1	87.639	5337500	21;20;6	83	287
A4IFU5	yes	VIEDLKVPEGTRVA	14	37	Unmodified	_VTIAQGGVFLPNQIA_	MULTI-MS	2	690.895909	1379.77726	-1.1723	58.448	0.53225	7.1054E-15	0.013921	1	101.38	8146200	18	374	1035
A5D9E8	no	VIVWITDGR	14	37	Unmodified	_LIEDIEDGTFSKLS_	MULTI-MS	2	783.898511	1565.78247	1.249	53.2	0.57183	0	0.015505	1	136.48	17137000	8	235	712
A5D9E8	no	VLFLGGKQDDDISR	14	37	Unmodified	_LIEDIEDGTFSKLS_	MULTI														

A0A3Q1NA44	no	AYNKLIKESR	15	49	Unmodified	_SGGGYEFGDFGDFYR_	MULTI-MS	2	837.346977	1672.6794	0.32519	58.884	1.8481	0	2.1887E-82	3	231.07	47612000	5	299	879
A0A3Q1NA44	no	F6DGDGFYR	15	49	Unmodified	_SGGGYEFGDFGDFYR_	MULTI-MS	2	837.346977	1672.6794	0.55871	57.062	0.70477	-7.1054E-15	0.0067049	1	134.38	18585000	5	299	876
A0A3Q1NA44	no	FLENLVTA	15	49	Deamidation (NQ)	_GPAGKDGRIQ(de)P_GAV_	MULTI-MS	2	690.86514	1379.71573	-0.082839	8.8756	0.02248	1.7764E-15	0.00248	1	88.596	4397800	5	104	325
A0A3Q1NA44	no	FLGGKQDDISR	15	49	Unmodified	_GGGYEFGDGDGFYR_	MULTI-MS	2	829.34952	1656.68449	-0.49483	64.489	1.0663	0	0.000051469	1	149.33	46069000	5	79	265
A0A3Q1NA44	no	FLPOPPQE	15	49	Unmodified	_PSGGGYEFGDGDGFYR_	MULTI-MS	2	807.822803	1613.83105	0.41779	76.025	0.61375	0	0.019936	1	108.02	59330000	5	277	797
A0A3Q1NA44	no	FLPOPPQEKAHDGGRY	15	49	Deamidation (NQ)	_GPAGAN(de)GDRGEAGPA_	MSMS	2	649.292005	1296.56946	NaN	6.6272	1	0	0.00040115	1	94.465		5	100	318
A0A3Q1NA44	no	FLPOPPQEKAHDGGRY	15	49	Unmodified	_GGGYEFGDGDGFYR_	MULTI-SEI	2	829.34952	1656.68449	0.4842	67.529	1.7125	0	0.039188	1	76.655	9590700	5	79	268
A0A3Q1NA44	no	FVAOKGLEPKVDILRR	15	49	Deamidation (NQ)	_GLQGQVQ(de)GGKGEQGP_	MULTI-MS	2	692.34678	1382.67901	1.0819	9.9962	0.48193	-1.7764E-15	0.0000211	1	152.7	66626000	5	99	316
A0A3Q1NA44	no	GAVGAKGEGGPG	15	49	Deamidation (NQ)	_GLQGQVQ(de)GGKGEQGP_	MULTI-MS	2	692.34678	1382.67901	-1.009	9.9599	0.19688	0	0.018099	1	110.38	13407000	5	99	315
A0A3Q1NA44	no	GFSGLDGAKGDAGPA	15	49	Unmodified	_GGGYEFGDGDGFYR_	MULTI-MA	2	829.34952	1656.68449	-1.2629	63.467	0.761	7.1054E-15	NaN	0	NaN	14869000	5	79	280
A0A3Q1NA44	no	GGGYEFGDGDGFY	15	49	Unmodified	_SGGGYEFGDFGDFYR_	MULTI-MA	2	837.346977	1672.6794	0.037769	66.038	1.4012	0	NaN	0	NaN	395290	5	299	893
P02453	yes	GPPGEVQIPLQASRT	15	49	Unmodified	_LSFLPOPPQEKAHDG_	MULTI-MS	3	555.286133	1662.83657	0.64071	33.371	3.2406	0	0.017712	3	91.812	121010000	4	248	731
P02453	yes	GPPSGGGYDLS	15	49	Unmodified	_FLPOPPQEKAHDGGR_	MULTI-MS	4	419.96804	1675.84305	-0.95824	10.602	1.889	0	0.010952	3	99.481	273570000	4	44	93
P02453	yes	GPPSGGGYDLSFLPOP	15	49	Unmodified	_FLPOPPQEKAHDGGR_	MULTI-MS	4	419.96804	1675.84305	-0.45152	9.6186	1.6473	0	0.0083744	3	120.53	358540000	4	44	90
P02453	yes	GPPSGGGYDLSFLPOPPQE	15	49	Unmodified	_GFSGLDGAKGDAGPA_	MULTI-MS	2	660.314948	1318.61534	-0.85765	23.281	1.0552	-3.5527E-15	2.117E-08	2	156.58	119130000	4	74	214
P02453	yes	GPPSGGGYDLSFLPOPPQEKAHDGGR	15	49	Unmodified	_LSFLPQPPQEKAHDG_	MULTI-MS	3	555.286133	1662.83657	0.72586	29.539	2.5995	-3.5527E-15	0.01974	2	90.444	185010000	4	248	730
P02453	yes	GPSGEEGGRDLSFGGEIPA	15	49	2 Deamidation (NQ)	_FLPQ(de)PQ(de)EKAHDDGR_	MULTI-SEI	4	420.460047	1677.81108	0.37602	12.742	0.51816	0	0.0087382	1	89.541	10526000	4	44	107
P02453	yes	GGGGYEFGDFG	15	49	Unmodified	_LSFLPQPPQEKAHDG_	MULTI-MS	2	832.425562	1662.83657	2.1415	33.383	1.1409	0	0.034195	1	83.182	13161000	4	248	732
P02453	yes	GGGGYEFGDFGDFYR	15	49	Deamidation (NQ)	_FLPQ(de)PQEKAHDGGR_	MULTI-MS	3	559.949632	1676.82707	1.07	11.272	1.075	0	0.02821	1	85.909	350370000	4	44	103
P02453	yes	GGGGYEFGDFGDFYRA	15	49	Unmodified	_GFSGLDGAKGDAGPA_	MULTI-MS	2	660.314948	1318.61534	-1.7359	24.261	1.2806	0	0.000068894	1	147.62	40121000	4	74	215
P02453	yes	GPSVLVRR	15	49	Oxidation (M)	_GYDEKSTGISVPGPM(ox)_	MULTI-MS	2	777.361238	1552.70792	-0.88984	28.257	1.1531	0	0.000035081	1	151.15	167530000	4	178	639
P02453	yes	GVPGVGGVPGVGVPGVGP	15	49	Deamidation (NQ)	_FLPQ(de)PQEKAHDGGR_	MULTI-MS	2	839.42081	1676.82707	0.85952	11.308	0.85809	0	0.024351	1	87.667	20703000	4	44	101
P02453	yes	GVVPGVGVPGVGP	15	49	Unmodified	_GFSGLDGAKGDAGPA_	MULTI-MA	2	660.314948	1318.61534	6.7652	27.443	0.13589	0	NaN	0	NaN	5342800	4	74	225
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	GYEFGDGDGFYR	15	49	Unmodified	_VPGGVPGGVFFPGAG_	MULTI-MS	2	657.845687	1313.67682	-0.081128	66.565	1.8237	0	0.012198	2	95.531	125110000	21:20:6	367	1016
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	IAEAKLTIPKELPST	15	49	Unmodified	_GVGVPGVGVPGVGPV_	MSMS	2	623.861338	1245.70812	NaN	64.468	1	0	2.6039E-29	1	150.17		21:20:6	159	605
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	IAGGTWTFPSALK	15	49	Unmodified	_LGGVLGAGQPPFIGG_	MULTI-MS	2	670.372069	1338.72959	-0.076645	68.831	0.81812	0	0.011707	1	100.02	17377000	21:20:6	230	707
F1N0H9:A0A3Q1M																					
FJ9	no	ILVGSAGSR	15	49	Unmodified	_GVGVPLGVGAGVPGV_	MULTI-MS	2	596.837862	1191.66117	0.52688	55.428	0.78343	7.1054E-15	0.031154	1	84.568	43298000	21:20	154	595
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	INQVQGAR	15	49	Unmodified	_GVGVPGVGVPGVGPV_	MSMS	2	623.861338	1245.70812	NaN	64.024	1	0	0.020157	1	72.547		21:20:6	159	604
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	IQLDDERIDSLSS	15	49	Unmodified	_GVGVPGVGVPGVGPV_	MSMS	2	623.861338	1245.70812	NaN	64.907	1	0	5.3123E-14	1	130.34		21:20:6	159	606
F1N0H9:A0A3Q1M																					
FJ9	no	IRNDEELNKLGR	15	49	Unmodified	_GPFGGQQQGVPLGY_	MULTI-MS	2	735.872434	1469.73031	1.9895	60.199	1.6434	0	0.0095277	1	116.73	22590000	21:20	105	326
E1BB91	yes	LDVAPQAEKLKR	15	49	Unmodified	_IDGSGSAGEFQYIR_	MULTI-MS	2	834.404826	1666.7951	0.59799	36.125	0.66111	0	0.0068801	1	128.08	14202000	26	191	658
E1BB91	yes	LIEDIEDGTFSK	15	49	Deamidation (NQ)	_VAVVTYN(de)NEVTETIR_	MULTI-MS	2	854.941241	1707.86793	1.2687	39.428	0.40793	0	0.012463	1	100.55	8016400	26	326	948
E1BB91	yes	LLNVHSSKDEQNAVR	15	49	Unmodified	_FVSEIVDTYEGGDS_	MULTI-MS	2	808.86995	1615.72535	1.6198	64.067	1.1091	0	0.012851	1	95.09	9315600	26	56	137
E1BB91	yes	LTELHLDGNNKTVDAA	15	49	Unmodified	_LVFLFLGGKQDGFYR_	MULTI-MS	3	549.973667	1646.89917	-0.018669	37.464	0.70126	0	0.016264	1	111.74	32172000	26	256	756
E1BB91	yes	LYRNNYATMRPDSIEDQDTINR	15	49	Unmodified	_VAVVTYNNEVTETIR_	MULTI-MS	2	854.449234	1706.88391	1.0951	35.645	0.77174	0	6.4189E-14	1	170.52	17315000	26	326	946
F1MKG2	no	RLTLARKDDDLNAR	15	49	Unmodified	_LGAIAKDPKSEGTGR_	MULTI-MS	4	386.716419	1542.83657	-0.74441	6.5835	0.28355	-8.8818E-16	0.0088676	1	118.51	59250000	29	228	705
F1MKG2	yes	SFLPQPQO	15	49	Unmodified	_RLTLARKDDDLNAR_	MULTI-MS	4	439.247146	1752.95948	-0.45715	10.335	0.59171	-1.7764E-15	0.000018432	1	152.99	103460000	29	285	838
E1BA17	no	STGISVPGPM	15	49	Deamidation (NQ)	_LN(de)AFNTKDEVIDAVR_	MULTI-MS	3	569.296698	1704.86826	-1.0698	40.711	0.59591	0	0.033205	1	83.633	7738500	25	243	721
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	TKVGLEHLR	15	49	Unmodified	_VPGGVPGGVFFPGAG_	MULTI-MS	2	657.845687	1313.67682	-0.081128	66.565	1.8237	0	0.012198	2	95.531	125110000	21:20:6	367	1016
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	VETGVLPKGMVVT	15	49	Unmodified	_LGGVLGAGQPPFIGG_	MULTI-MS	2	670.372069	1338.72959	-0.076645	68.831	0.81812	0	0.011707	1	100.02	17377000	21:20:6	230	707
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	VGPFGGQQQGVGP	15	49	Unmodified	_GVGVPGVGVPGVGPV_	MSMS	2	623.861338	1245.70812	NaN	64.907	1	0	5.3123E-14	1	130.34		21:20:6	159	606
F1N0H9:A0A3Q1M																					
FJ9	no	VGSDVDTDLVLSKIS	15	49	Unmodified	_GVGVPLGVGAGVPGV_	MULTI-MS	2	596.837862	1191.66117	0.52688	55.428	0.78343	7.1054E-15	0.031154	1	84.568	43298000	21:20	154	595
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	VGSHNFDTIKR	15	49	Unmodified	_GVGVPGVGVPGVGPV_	MSMS	2	623.861338	1245.70812	NaN	64.024	1	0	0.020157	1	72.547		21:20:6	159	604
A4IFU5	no	VINVNRLG	15	49	Unmodified	_VLLPKKTESHKAKG_	MULTI-MS	4	419.001882	1671.97842	-1.0376	6.3371	0.21878	8.8818E-16	0.008149	1	121.45	54924000	18	362	1004
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	VLTADTLKLYQNK	15	49	Unmodified	_VPGGVPGGVFFPGAG_	MULTI-MS	2	657.845687	1313.67682	-0.081128	66.565	1.8237	0	0.012198	2	95.531	125110000	21:20:6	367	1016
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	VPIYEGYALPHA	15	49	Unmodified	_LGGVLGAGQPPFIGG_	MULTI-MS	2	670.372069	1338.72959	-0.076645	68.831	0.81812	0	0.011707	1	100.02	17377000	21:20:6	230	707
F1N0H9:A0A3Q1M																					
FJ9:P04985	no	VVTIAGGQVLPNIQA	15	49	Unmodified	_GVGVPGVGVPGVGPV_	MSMS	2	623.861338	1245.70812	NaN	64.024	1	0	0.020157	1	72.547		21:20:6	159	604
P21793	yes	VVTYNNEVTETIR	15	49	Deamidation (NQ)	_LIJLIN(de)KISKISPGA_	MULTI-MS	3	527.990658	1580.95014	-0.12438	41.703	0.43497	-7.1054E-15	0.034797	1	82.908	12047000	9	236	714
A0A3Q1NA44	no	APLVKLER	16	26	Unmodified	_PSGGGYEFGDGDGFY_	MULTI-MS	2	836.333535	1670.65252	0.46										

E1BB91	yes	NILVGSAGSRIAEVGPQ	16	26	Unmodified	_FVAQKLEPKVDTILR_	MULTI-MS	4	454.268819	1813.04617	-0.95591	30.158	0.48689	3.5527E-15	0.0050248	1	126.48	17395000	26	54	135	
E1BB91	yes	PPSGGYDLSFLPQPPE	16	26	Unmodified	_IDGSQSAGFEFYQIRT_	MULTI-MS	2	884.928665	1767.84278	0.70866	39.572	0.77799	0	0.024255	1	106.26	23933000	26	192	660	
E1BB91	yes	P0PPQEKAHDDGR	16	26	Unmodified	_LLNVHSSKDEVQNAVR_	MULTI-MS	3	603.65863	1807.95406	0.63821	13.79	0.56021	0	0.01753	1	96.414	6366600	26	240	718	
G3MZI7	yes	SGGGYEFFGDGFYR	16	26	Unmodified	_VSAQESQAAILQQAR_	MULTI-MS	2	864.455382	1726.89621	1.0725	32.609	0.75174	0	2.2817E-259	1	300.78	121460000	31	371	1023	
G3MZI7	yes	SPIFFGGAGGLG	16	26	Unmodified	_VSAQESQAAILQQAR_	MULTI-MA	2	864.455382	1726.89621	-2.8056	31.257	0.17899	0	NaN	0	NaN	5197600	31	371	1026	
F1N0H9:A0A3Q1M	FJ9	no	VAVVQVSGTGQQQRPERAA	16	26	Unmodified	_VGSPGGQDPGVPLGYVP_	MULTI-MS	2	785.40664	1568.79873	0.42967	67.25	1.5963	-1.4211E-14	0.000016927	1	146.27	25778000	21:20:6	343	979
F1N0H9:A0A3Q1M	FJ9:P04985	no	VFVAQKLEPKVDTILR	16	26	Unmodified	_GVGVPGVGVPGVGVPVG_	MULTI-MS	2	652.372069	1302.72959	-0.61694	61.39	0.56805	-7.1054E-15	0.0041264	1	129.47	25845000	21:20:6	160	608
F1N0H9:A0A3Q1M	FJ9:P04985	no	VGVPGVGVPGVGVPGVGVPG	16	26	Unmodified	_GVGGIGGVGGLGVSTG_	MULTI-MA	2	622.335684	1242.65681	0.13862	52.855	0.1476	0	NaN	0	NaN	1249300	21:20:6	149	589
F1N0H9:A0A3Q1M	FJ9:P04985	no	VTQLSREELSR	16	26	Unmodified	_GVGGIGGVGGLGVSTG_	MULTI-MA	2	622.335684	1242.65681	0.13862	52.855	0.1476	0	NaN	0	NaN	1249300	21:20:6	149	589
A0A3Q1NA44	no	AGPEFYQIRT	17	30	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MS	2	914.384091	1826.75363	-0.055365	58.587	2.455	-7.1054E-15	0	6	368.3	2379400000	5	140	527	
A0A3Q1NA44	no	ATPAAEIAKVQEAQR	17	30	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MS	2	914.384091	1826.75363	-1.0781	63.32	1.1271	0	7.3095E-23	3	177.16	12216000	5	140	531	
A0A3Q1NA44	no	DATDVMALGYVTR	17	30	Unmodified	_PSGGGYEFGDGFYR_	MULTI-MS	2	921.391916	1840.76928	-0.923	61.033	1.3283	7.1054E-15	4.0008E-289	3	308.74	61043000	5	279	821	
A0A3Q1NA44	no	DFIAKVIQR	17	30	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MS	2	914.384091	1826.75363	0.32355	56.759	1.0506	-7.1054E-15	0	3	337.01	245620000	5	140	524	
A0A3Q1NA44	no	DYLDVGDFTTR	17	30	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MS	2	914.384091	1826.75363	-0.59198	64.407	1.7485	0	0	2	329.49	45980000	5	140	532	
A0A3Q1NA44	no	FKGSGPLNKGAKLE	17	30	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MS	2	914.384091	1826.75363	-1.1687	54.869	0.46375	0	0.029166	1	95.264	9841500	5	140	522	
A0A3Q1NA44	no	FRELPSLEQKLLTP	17	30	Unmodified	_PSGGGYEFGDGFYR_	MULTI-MS	2	921.391916	1840.76928	-1.0989	60.219	1.0944	0	3.2367E-06	1	148.83	10545000	5	279	820	
A0A3Q1NA44	no	FVSEIVDTYVEEGDS	17	30	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-SEI	2	914.384091	1826.75363	-0.523	66.033	2.5984	0	3.0072E-07	1	126.51	8463700	5	140	533	
A0A3Q1NA44	no	GERGVVGQP	17	30	Unmodified	_PSGGGYEFGDGFYR_	MULTI-MS	2	921.391916	1840.76928	-1.4299	61.931	0.66293	0	0.030065	1	100.55	8474300	5	279	822	
A0A3Q1NA44	no	GGAVPIGIGGNADITEMQT	17	30	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MA	2	914.384091	1826.75363	-0.37229	69.14	1.4252	0	NaN	0	NaN	1949000	5	140	552	
P02453	yes	GGYEFFGDGFYR	17	30	Unmodified	_GPPSGGYDLSFLPQPPQ_	MULTI-MS	2	878.930677	1755.8468	0.35959	69.477	4.7618	0	1.279E-118	8	242.35	83909000	4	122	387	
P02453	yes	GHRGFSGLQ	17	30	Unmodified	_GPPSGGYDLSFLPQPPQ_	MULTI-MS	2	878.930677	1755.8468	0.17161	72.923	3.2477	0	4.2884E-70	7	219.35	36822000	4	122	388	
P02453	yes	GPAKEKGAP	17	30	Unmodified	_LSFLPQPPQEKAHDDGR_	MULTI-MS	4	469.997063	1875.95914	-0.4774	23.286	2.5571	0	0.023124	4	99.451	1483500000	4	249	734	
P02453	yes	GPAKEKGAPGADGPA	17	30	Unmodified	_LSFLPQPPQEKAHDDGR_	MULTI-MS	2	938.986849	1875.95914	-0.1707	25.849	2.2323	-3.5527E-15	2.6994E-06	4	150.69	21463000	4	249	737	
P02453	yes	GPFGVGEKGPS	17	30	Unmodified	_FLPQPPQEKAHDDGRYY_	MULTI-MS	4	501.499704	2001.96971	-0.25155	21.408	2.6573	0	0.026204	3	109.79	501010000	4	46	109	
P02453	yes	GPPSGGYDLSFLPQPPQ	17	30	Unmodified	_LSFLPQPPQEKAHDDGR_	MULTI-MS	2	938.986849	1875.95914	-0.094197	23.284	1.5531	0	3.4622E-10	2	161.21	60995000	4	249	736	
P02453	yes	GPPSGGYDLSFLPQPPQEK	17	30	Unmodified	_LSFLPQPPQEKAHDDGR_	MULTI-MS	3	626.326991	1875.95914	-0.55989	23.292	2.349	-3.5527E-15	0.028884	2	102.78	953720000	4	249	735	
P02453	yes	GPPSGGYDLSFLPQPPQEK	17	30	2 Deamidation (NQ)	_LSFLPQ(de)PPQ(de)EKAHDDGR_	MULTI-MS	4	470.48907	1877.92718	2.4527	28.802	1.1816	3.5527E-15	0.023087	2	100.41	11860000	4	249	743	
P02453	yes	GPPSGGYDLSFLPQPPQEK	17	30	Unmodified	_FLPQPPQEKAHDDGRYY_	MULTI-MS	4	501.499704	2001.96971	-0.65009	23.971	2.475	3.5527E-15	0.019674	2	119.54	333770000	4	46	113	
P02453	yes	GPPSGGYEFGD	17	30	Deamidation (NQ)	_LSFLPQPPQ(de)EKAHDDGR_	MULTI-MS	2	938.478857	1876.94316	-1.4728	27.218	0.67871	0	0.026552	1	107.17	20643000	4	249	742	
P02453	yes	GVGVPGVGVPALSP	17	30	Unmodified	_FLPQPPQEKAHDDGRYY_	MULTI-MS	2	1001.99213	2001.96971	-0.33375	21.146	0.98527	0	0.029817	1	86.772	14316000	4	46	111	
F1N0H9:A0A3Q1M	FJ9:P04985	no	IAKDIFVKIDR	17	30	Unmodified	_GVGVPGVGVPGVGVPGA_	MULTI-MS	2	687.890626	1373.7667	-0.61587	64.191	0.65189	0	0.0074262	1	124.98	23690000	21:20:6	161	610
E1BB91	yes	KYNKLFNR	17	30	Unmodified	_FVAGNKVADQAELEIEIA_	MULTI-MS	2	902.459798	1802.90504	-1.1224	48.813	0.53417	0	0.026107	1	110.86	51414000	26	31	48	
E1BB91	yes	LAPSTMKIKIAPPER	17	30	Unmodified	_VGNVQELSELSEQLVET_	MULTI-MS	2	937.473103	1872.93165	1.1387	66.363	0.60954	0	0.023806	1	88.187	7372200	26	340	973	
E1BB91	yes	LILINKNIKISKPGA	17	30	Unmodified	_NILVGSAGSRIAEVGPQ_	MULTI-MS	2	834.457393	1666.90023	-0.27913	38.198	0.45282	0	0.034993	1	85.554	8208900	26	263	768	
E1BI98	yes	PPSGGYEFGDGFYR	17	30	Unmodified	_VLVTGKAAEYDVVFGER_	MULTI-MS	3	618.331631	1851.97306	-0.3892	40.737	1.021	0	0.026281	1	108.96	58821000	28	364	1007	
E1BI98	yes	QLSYGVDEKSTGISVPGPM	17	30	Unmodified	_VLVTGKAAEYDVVFGER_	MULTI-MA	3	618.331631	1851.97306	2.1499	44.614	0.2792	0	NaN	0	NaN	1367400	28	364	1010	
G3MZI7	yes	SGGYDLSFLPQPPE	17	30	Unmodified	_GPPGEVQIPLPIQASRT_	MULTI-MS	2	880.488693	1758.96283	-0.84813	43.453	0.67383	7.1054E-15	5.158E-32	1	184.34	18809000	31	112	344	
F1N0H9:A0A3Q1M	FJ9:P04985	no	VFAVITDGRHDPDRDDDLN	17	30	Unmodified	_GVGVPGVGVPGVGVPGA_	MULTI-MS	2	687.890626	1373.7667	-0.61587	64.191	0.65189	0	0.0074262	1	124.98	23690000	21:20:6	161	610
F1N0H9:A0A3Q1M	FJ9:P04985	no	VPSYQALLR	17	30	Unmodified	_GVGVPGVGVPGVGVPGA_	MULTI-MS	2	687.890626	1373.7667	-0.61587	64.191	0.65189	0	0.0074262	1	124.98	23690000	21:20:6	161	610
A0A3Q1NA44	no	ADSDVSTADILFR	18	16	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MS	2	949.902648	1897.79074	-0.40579	61.072	4.1535	7.1054E-15	0	10	375.97	159630000	5	141	558	
A0A3Q1NA44	no	APGIGLGGP	18	16	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MS	2	949.902648	1897.79074	-0.26922	58.9	2.2535	0	0	4	357.95	167660000	5	141	557	
A0A3Q1NA44	no	DLFLPQPPE	18	16	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MS	2	949.902648	1897.79074	-0.45734	64.69	2.1205	0	0	3	398.25	50637000	5	141	561	
A0A3Q1NA44	no	ELPSLEQKLLTP	18	16	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MS	2	949.902648	1897.79074	-0.46552	64.045	0.9064	0	0	2	406.94	123090000	5	141	560	
A0A3Q1NA44	no	FPSGLDGAKGADGPA	18	16	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MS	2	949.902648	1897.79074	0.41922	67.6	0.69986	0	2.7548E-189	1	273.27	17348000	5	141	563	
A0A3Q1NA44	no	GGGYEFGDGFYR	18	16	Unmodified	_GPSGGGYEFGDGFYR_	MULTI-MA	2	949.902648	1897.79074	-0.6851	68.423	1.5	0	NaN	0	NaN	9539100	5	141	577	
P02453	yes	GGVLGAGQPFPIGGVA	18	16	Unmodified	_GPPSGGYDLSFLPQPPQ_	MULTI-MS	2	943.451973	1884.88939	0.098096	70.323	4.7137	-1.4211E-14	8.9661E-60	9	203.03	1533900000	4	123	396	
P02453	yes	GLEDVAINEAKHLG	18	16	Unmodified	_GPPSGGYDLSFLPQPPQ_	MULTI-MS	2	943.451973	1884.88939	0.13964	73.509	2.7404	0	2.5108E-88	6	224.42	381190000	4	123	398	
P02453	yes	GPMVSAQESQAAILQQAR	18	16	Unmodified	_GPPSGGYDLSFLPQPPQ_	MULTI-MS	3	629.303741	1884.88939	-0.29609	70.223	3.3838	0	0.000017793	4	139.21	97592000	4	123	397	
P02453	yes	GPPSGGYDLSFL	18	16	Unmodified	_GPPSGGYDLSFLPQPPQ_	MULTI-MS	3	629.303741	1884.88939	-0.24624	73.497	2.7655	0	0.0001512	3	135.61	30009000	4	123	399	
F1N0H9:A0A3Q1M	FJ9:P04985	no	IEDIEDGTFSKLS	18	16	Unmodified	_GVPGVGVPGVGVPGVGP_	MULTI-MS	2	750.432658	1498.85076	0.084564	73.117	0.84276	0	0.03543	1	90.629	2646100	21:20:6	174	627
F1N0H9:A0A3Q1M	FJ9:P04985	no	ITSDPRLVFT	18	16	Unmodified	_GVPGVGVPGVGVPGVGP_	MULTI-MA	2	750.432658	1498.85076	-0.53727	76.065	0.39829	0	NaN	0	NaN	2604800	21:20:6	174	629
F1N0H9:A0A3Q1M	FJ9:P04985	no	VFVYLDVGDFTTR	18	16	Unmodified	_GVPGVGVPGVGVPGVGP_	MULTI-MS	2	750.432658	1498.85076	0.084564	73.117	0.84276	0	0.03543	1	90.629	2646100	21:20:6	174	627
F1N0H9:A0A3Q1M	FJ9:P04985	no	VVEIDEDFKR	18	16	Unmodified	_GVPGVGVPGVGVPGVGP_	MULTI-MA	2	750.432658	1498.85076	-0.53727	76.065	0.39829	0	NaN	0	NaN	2604800	21:20:6	174	629
P21793	yes	VQVYSGTGQQQRPER	18	16	Unmodified	_LTELHLDGNKIKVDAS_	MULTI-MS	3	642.349462	1924.02656	-0.37161	26.887	0.32213	0	5.2934E-08	1	149.47	141100000	9	253	749	
P21793	yes	VQVYSGTGFEAILDDERIDS	18	16	Unmodified	_LTELHLDGNKIKVDAS_	MULTI-MS	2	953.020554	1924.02656												

11N0H9;A0A3Q1M	FJ9	no	IFKRPLGSR	22	4 Unmodified	_GAPGAIPGVPVGVPVGVP	MULTI-MS	2	898.506886	1794.99922	-1.3838	75.715	0.29546	0	0.030449	1	105.86	16958000	21:20	62	147
E1B891	yes	LSFLPQQPQE	22	4 Unmodified	_LVLISSGKSDDEVEDSAIELKQ_	MULTI-MS	3	792.411115	2374.21152	-0.67386	46.327	0.77474	-7.1054E-15	0.0036688	1	124.31	116370000	26	257	757	
11N0H9;A0A3Q1M	FJ9	no	VFVDELTVIDEVR	22	4 Unmodified	_GAPGAIPGVPVGVPVGVP	MULTI-MS	2	898.506886	1794.99922	-1.3838	75.715	0.29546	0	0.030449	1	105.86	16958000	21:20	62	147
P02453	yes	GGYEFGGDDFY	23	8 Unmodified	_GPPSGGYDLSFLPQQPEKAHDG_	MULTI-MS	3	798.716873	2393.12879	-2.0439	51.785	5.4918	-7.1054E-15	7.7449E-23	8	163.95	49584000	4	127	426	
P02453	yes	GLQFPVGR	23	8 Unmodified	_GPPSGGYDLSFLPQQPEKAHDG_	MULTI-MS	2	1197.517167	2393.12879	-0.89934	48.724	2.1488	0	7.6945E-161	5	259.08	46078000	4	127	425	
P02453	yes	GPSSGGYDLSFLPQQPEKAHDG	23	8 Unmodified	_PSSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	4	614.05156	2452.1714	-0.38202	36.247	2.1397	7.1054E-15	0.011874	2	101.6	48263000	4	281	830	
P02453	yes	GSAGSPGKDLGNLPL	23	8 Deamidation (NQ)	_GPPSGGYDLSFLPQQPQ(de)EKAHDG_	MULTI-SEI	2	1198.06368	2394.1128	3.5059	50.704	0.508	0	0.015519	1	73.887	5263200	4	127	432	
P02453	yes	GVGVPVGVPVGVGVGPA	23	8 Unmodified	_PSSGGYDLSFLPQQPEKAHDGGR_	MULTI-SEI	3	818.399655	2452.1714	0.049013	39.06	1.2257	0	0.037303	1	62.847	11980000	4	281	833	
F1MKG2	no	RDSFQEVLR	23	8 Oxidation (M)_Deamid_	_LYRNI(de)NYATM(ox)RPDSTEIDQDTINR_	MULTI-MS	4	701.579248	2802.28789	0.25009	26.007	0.9686	0	3.5097E-22	2	161.8	78850000	29	260	762	
F1MKG2	no	RELPSLEQKL	23	8 Oxidation (M)_Deamid_	_LYRNI(de)NYATM(ox)RPDSTEIDQDTINR_	MULTI-MS	4	701.579248	2802.28789	1.0498	25.369	1.1075	0	3.9822E-39	2	183.45	10459000	29	260	761	
F1MKG2	no	SFLPQPEKAHDGGRRY	23	8 Oxidation (M)_Deamid_	_LYRNI(de)NYATM(ox)RPDSTEIDQDTINR_	MULTI-MS	4	701.825252	2803.2719	0.71769	29.141	0.88004	-3.5527E-15	0.020481	1	85.945	21943000	29	260	764	
P02453	yes	GPPSGGYDLSFLP	24	4 Unmodified	_GPPSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	3	817.724027	2450.15025	-0.025038	45.999	3.0916	0	2.2106E-15	3	152.48	80310000	4	128	486	
P02453	yes	GPPSGGYDLSFLPQQP	24	4 Unmodified	_PSSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	4	638.314751	2549.2299	0.6251	40.561	1.8216	0	0.003546	2	92.8	20255000	4	127	784	
P02453	yes	GPGGAGGQGVV	24	4 Unmodified	_PSSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	4	638.314751	2549.2299	0.26905	37.686	1.8333	0	0.0064268	1	91.238	20488000	4	275	783	
P02453	yes	GVGVPVGVPVGVGVG	24	4 Unmodified	_PSSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	4	638.314751	2549.2299	6.2683	43.741	0.81555	0	0.017386	1	85.248	8057900	4	275	785	
P02453	yes	GHNLGDGLK	25	8 Unmodified	_GPPSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	3	869.577331	2606.25136	-1.5175	41.39	4.3849	0	5.3983E-88	7	216.67	164260000	4	129	444	
P02453	yes	GIRGHNLGDGLK	25	8 Unmodified	_GPPSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	4	652.570117	2606.25136	-0.26894	38.551	3.6589	0	1.6188E-15	7	150.36	418580000	4	129	441	
P02453	yes	GLAGHHQDQAP	25	8 Unmodified	_GPPSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	3	869.577331	2606.25136	-0.33148	38.54	3.5316	0	3.5572E-103	6	221.83	167800000	4	129	442	
P02453	yes	GLQGVGGKGGEQGA	25	8 Unmodified	_GPPSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	4	652.570117	2606.25136	-0.058695	35.26	2.2951	0	0.000694	5	124.81	137450000	4	129	439	
P02453	yes	GPAGAGNGDEAGPA	25	8 Unmodified	_GPPSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	2	652.570117	2606.25136	-0.050994	44.634	2.795	0	1.4935E-15	5	150.72	154260000	4	129	447	
P02453	yes	GPFGGQQRPGLGYP	25	8 Unmodified	_GPPSGGYDLSFLPQQPEKAHDGGR_	MULTI-MS	2	1304.13296	2606.25136	-0.39102	38.418	1.8874	0	3.3305E-183	4	260.25	40355000	4	129	443	
P02453	yes	GVGVPVGVLGVGAGVGP	25	8 Unmodified	_FDGSGDQNVFLPQQPEKAHDGGR_	MULTI-SEI	4	652.570117	2606.25136	-2.033	62.671	1.8508	7.1054E-15	0.015255	1	71.756	3817700	4	129	449	
E1B891	yes	LLQFGPREQQ	25	8 Unmodified	_FDGSGDQNVFAQKLEPKVDTILR_	MULTI-MS	2	684.110612	2732.41334	-0.38668	51.781	1.8208	0	5.3421E-23	1	162.82	67895000	26	34	74	