

Supplementary Table 4. Proteins and peptides identified Ionic Liquid/(Urea/thourea) extract Fraction 1.

Protein	Accession	Mol Wgt (kDa)	Protein Score	Range	m/z meas.	Peptide score	Sequence	Modifications			
KAP6.1	gij284080740	8.3	214	32 - 43	632.27	83.6	R.SLCGSGYGYGSR.S	Carbamidomethyl: 3			
				18 - 31	727.31	45.9	Y.SYGGLGCGYGYGSR.S	Carbamidomethyl: 7			
				25 - 31	759.26	26.5	C.GYGYGSR.S				
KAP6.3	gij284080746	8.3	244.2	36 - 50	566.28	78.4	R.RLGCYGYGSCYGS GFR.R	Carbamidomethyl: 4, 9			
				40 - 50	605.78	80.8	C.GYGSCYGS GFR.R	Carbamidomethyl: 5			
				37 - 50	770.82	85	R.LGCGYGYGSCYGS FR.R	Carbamidomethyl: 3, 8			
K86-like	gij312283584	53.2	5822.8	34 - 39	378.16	29.4	R.GISCYR.G	Carbamidomethyl: 4			
				273 - 279	393.75	25.9	D.NIVAEIK.A				
				117 - 123	406.27	52.8	R.FAAFIDK.V				
				40 - 48	426.23	56.9	R.GLTGGFGSR.S				
				192 - 201	436.28	49.9	K.KRYEEEEIALR.A				
				249 - 256	441.76	45.8	R.VLQAHISD.T				
				476 - 484	445.78	98.1	R.VGGSILGCK.K	Carbamidomethyl: 8			
				215 - 221	448.74	45.6	D.VDCAYLR.K	Carbamidomethyl: 3			
				126 - 132	453.78	38.1	R.FLEQQNK.L				
				397 - 408	473.97	42.5	K.LGLDIEIATYRR.L				
				26 - 33	476.27	37.2	C.CITAAPYR.G	Carbamidomethyl: 1			
				242 - 248	476.29	55.1	R.LYEEEEIR.V				
				299 - 310	478.64	55.7	R.SKCEEIKATVIR.H	Carbamidomethyl: 3			
				254 - 262	481.32	73.4	H.ISDTSVIVK.M				
				138 - 144	484.75	45.1	K.LQFYQNR.Q				
				138 - 144	485.29	41.2	K.LQFYQNR.Q	Deamidated: 6			
				409 - 416	487.26	77.4	R.LLEGEEQR.L				
				332 - 340	487.77	52.9	R.LTAEVENAK.C				
							380 - 387	497.76	58	K.QDMACLK.E	Carbamidomethyl: 5; Oxidation: 3
							214 - 221	506.28	41.2	K.DVDCAYLK.R	Carbamidomethyl: 4
			291 - 298	506.29	45	R.AEAESWYR.S					
			11 - 24	507.9	44.6	P.AFSCVSACGPRP GR.C	Carbamidomethyl: 4, 8				
			320 - 327	508.79	37.3	K.EEINELNR.V					
			194 - 201	511.79	62.3	R.YEEEEIALR.A					
			280 - 288	524.28	51	K.AHYDDIASR.S					
			117 - 125	533.85	68.2	R.FAAFIDKVR.F					
			368 - 377	536.28	87.2	K.LAGLEEALQK.A					
			409 - 417	543.85	48.9	R.LLEGEEQRL.C					
			25 - 33	556.32	53.3	R.CCITAAPYR.G	Carbamidomethyl: 1, 2				
			388 - 396	564.29	56	K.EYQEVMSK.L					
			408 - 416	565.32	39.4	R.RLLEGEEQR.L					
			331 - 340	565.82	43.4	Q.RLTAEVENAK.C					
			213 - 221	570.29	38.8	K.KDVDCAYLK.R	Carbamidomethyl: 5				
			318 - 331	581.32	40.2	R.TKEEINELNRVIQR .L					

				378 - 387	589.31	41.6	K.AKQDMACLLK.E	Carbamidomethyl: 7
				193 - 201	589.83	61.2	K.RYEEEEIALR.A	
				202 - 212	596.85	86.2	R.ATAENEFVALK.K	
				8 - 24	596.94	39.1	R.AVPAFSCVSACG PRPGR.C	Carbamidomethyl: 7, 11
				378 - 387	597.31	52.2	K.AKQDMACLLK.E	Carbamidomethyl: 7; Oxidation: 5
				202 - 212	597.33	57.3	R.ATAENEFVALK.K	Deamidated: 5
				165 - 175	597.73	82.5	R.EAECAEADSGR.L	Carbamidomethyl: 4
				367 - 377	600.36	88.3	C.KLAGLEEALQK.A	
				231 - 240	603.4	48.5	E.ALIQETDFLR.R	
				301 - 310	609.8	52.9	K.CEEIKATVIR.H	Carbamidomethyl: 1
				421 - 432	617.81	54.2	G.VGAVNVCVSSSR. G	Carbamidomethyl: 7
				318 - 327	623.34	77	R.TKEEINELNR.V	
				318 - 327	623.8	53.4	R.TKEEINELNR.V	Deamidated: 6
				289 - 298	627.79	69.4	R.SRAEAESWYR.S	
				269 - 279	630.34	67.8	D.LNMDNIVAEIK.A	
				397 - 407	632.4	104.4	K.LGLDIEIATYR.R	
				368 - 379	635.9	63.4	K.LAGLEEALQKAK. Q	
				269 - 279	638.35	35.6	D.LNMDNIVAEIK.A	Oxidation: 3
				420 - 432	646.29	59.3	E.GVGAVNVCVSSS R.G	Carbamidomethyl: 8
				202 - 213	660.86	84.3	R.ATAENEFVALKK. D	
				244 - 248	675.25	25	Y.EEEIR.V	
				268 - 279	687.91	87.4	R.DLNMDNIVAEIK.A	
				268 - 279	695.89	64.6	R.DLNMDNIVAEIK.A	Oxidation: 4
				92 - 103	700.88	36.4	L.NLEIDPNAQCVK.Q	Carbamidomethyl: 10
				317 - 327	701.34	54.4	R.RTKEEINELNR.V	
				419 - 432	710.81	48.8	C.EGVGAVNVCVSS SR.G	Carbamidomethyl: 9
				357 - 377	729.41	25.4	Q.GEAALADAKCKLA GLEEALQK.A	Carbamidomethyl: 10
				223 - 241	740.42	30.1	K.SDLEANVEALIQE TDFLR.L	
				126 - 137	745.89	59.5	R.FLEQQNKLETK.L	
				249 - 262	755.47	74.4	R.VLQAHISDTSVIVK .M	
				368 - 381	757.42	53.6	K.LAGLEEALQKAKQ D.M	
				462 - 475	761.84	62.2	N.VVVGTSDFVCSPC SR.V	Carbamidomethyl: 9, 12
				133 - 144	776.94	66.3	K.LLETKLQFYQNR. Q	
				222 - 241	783.08	42.9	R.KSDLEANVEALIQ ETDFLR.L	
				126 - 144	814.79	33.6	R.FLEQQNKLETKL QFYQNR.Q	Deamidated: 4, 6
				144 - 163	825.07	35.4	N.RQCCESNLEPLFS GYIETLR.R	Carbamidomethyl: 3, 4; Deamidated: 2
				202 - 216	825.44	47.4	R.ATAENEFVALKKD VD.C	
				417 - 432	847.41	132.1	R.LCEGVGAVNVCV SSSR.G	Carbamidomethyl: 2, 11
				417 - 432	847.92	33.8	R.LCEGVGAVNVCV SSSR.G	Carbamidomethyl: 2, 11; Deamidated: 9

				149 - 163	869.98	56.4	E.SNLEPLFSGYIETL R.R	
				176 - 191	904.98	119.8	R.LSSELNSLQEVLE GYK.K	
				176 - 191	905.46	84.4	R.LSSELNSLQEVLE GYK.K	Deamidated: 6
				176 - 191	905.97	33.2	R.LSSELNSLQEVLE GYK.K	Deamidated: 6, 9
				346 - 363	907.93	96.5	K.LEAAVTQAEQQG EAALAD.A	
				225 - 240	931	120.1	D.LEANVEALIQETD FLR.R	
				176 - 192	969.01	72.3	R.LSSELNSLQEVLE GYKK.R	
				346 - 365	1007.49	152.8	K.LEAAVTQAEQQG EAALADAK.C	
				346 - 365	1008	66.9	K.LEAAVTQAEQQG EAALADAK.C	Deamidated: 7
				86 - 103	1013.02	82.3	E.SLLTPLNLEIDPNA QCVK.Q	Carbamidomethyl: 16
				223 - 240	1032.01	114.9	K.SDLEANVEALIQE TDFLR.R	
				223 - 240	1032.55	73.3	K.SDLEANVEALIQE TDFLR.R	Deamidated: 12
				223 - 240	1032.58	69.8	K.SDLEANVEALIQE TDFLR.R	Deamidated: 6
				222 - 240	1096.05	175.6	R.KSDLEANVEALIQ ETDFLR.R	
				145 - 163	1158.51	102.2	R.QCCESNLEPLFSG YIETLR.R	Carbamidomethyl: 2, 3
K32 Partial	gij999000056	41.8	1096.3	132 - 138	404.21	58.2	K.LAADDFR.S	
				286 - 292	408.78	47.1	E.SQLAEIR.C	
				141 - 148	490.8	57.4	K.YETELGLR.Q	
				105 - 112	494.8	59.2	K.TIEELQKK.I	
				123 - 131	515.35	64.7	R.IVVQIDNTK.L	
				321 - 329	518.78	37.5	R.GLLDSEDCK.L	Carbamidomethyl: 8
				161 - 169	552.87	78	R.ILDELTLCK.A	Carbamidomethyl: 8
				54 - 62	554.3	49.7	K.ETLQLNSR.L	
				139 - 148	598.35	67.7	R.SKYETELGLR.Q	
				160 - 169	630.9	43.1	R.RILDELTLCK.A	Carbamidomethyl: 9
				258 - 269	682.37	87.7	D.SLENTLTETEAR.Y R.DSLENTLTETEAR. Y	
				257 - 269	739.87	99.4	R.DSLENTLTETEAR. Y	Deamidated: 5
				269 - 292	907.8	34.9	A.RYASQLAQMQL VTNVESQLAEIR.C	Oxidation: 9
				269 - 292	909.48	25.7	A.RYASQLAQMQL VTNVESQLAEIR.C	Oxidation: 9; Deamidated: 5, 8, 10, 15, 19
				268 - 292	931.77	27.1	E.ARYASQLAQMQL LVTNVESQLAEIR.C	Oxidation: 10; Deamidated: 11
				241 - 256	941.96	67.7	R.TVDTLEIELQTQH SLR.D	
K33b	gij999000003	45.9	4453.2	241 - 246	366.2	47.5	R.VLNETR.A	
				153 - 159	404.21	58.2	K.LAADDFR.T	
				234 - 240	407.76	34.1	A.PTVDLNR.V	
				340 - 346	408.78	47.1	E.SQLAEIR.S	
				84 - 90	412.26	54	R.LASYLEK.V	
				24 - 30	423.78	40.5	C.LPNLSFR.S	

				120 - 125	432.21	35.7	N.YQSYFR.T	
				170 - 181	467.26	25.4	R.QLVESDINGLRR.I	
				97 - 104	474.25	45	R.ENAELESR.I	
				247 - 258	483.93	60.5	R.AQYEALVETNRR. D	
				83 - 90	490.3	48.4	D.RLASYLEK.V	
				126 - 133	494.8	59.2	R.TIEELQQK.I	
				260 - 266	497.74	53.7	D.VEEWYIR.Q	
				144 - 152	500.33	65.5	R.LVVQIDNAK.L	
				144 - 152	500.84	72.8	R.LVVQIDNAK.L	Deamidated: 7
				23 - 30	503.83	37	F.CLPNLSFR.S	Carbamidomethyl: 1
				193 - 201	508.8	49.9	D.LEAQVESLK.E	
				231 - 240	536.28	49.7	V.DAAPTVDLNR.V	
				118 - 125	537.77	51.4	C.PNYQSYFR.T	
				84 - 92	539.84	72.4	R.LASYLEKVR.Q	
				182 - 190	552.87	78	R.ILDELTLCK.S	Carbamidomethyl: 8
				259 - 266	555.28	54.7	R.DVEEWYIR.Q	
				232 - 246	557.01	28.9	D.AAPTVDLNRVLNE TR.A	
				366 - 374	562.78	65.1	R.LESEINTYR.G	
				125 - 133	572.83	35	F.RTIEELQQK.I	
				22 - 30	577.31	46.4	N.FCLPNLSFR.S	Carbamidomethyl: 2
				75 - 83	577.32	62.9	K.ETMQFLNDR.L	
				75 - 83	585.29	55.9	K.ETMQFLNDR.L	Oxidation: 3
				366 - 375	591.31	51	R.LESEINTYRG.L	
				225 - 240	594.69	35.8	D.RLNVEVDAAPTVD LNR.V	
				144 - 159	596.68	52.8	R.LVVQIDNAKLAAD DFR.T	
				160 - 169	604.83	56.9	R.TKYQTELGLR.Q	
				160 - 169	605.35	68	R.TKYQTELGLR.Q	Deamidated: 4
				191 - 201	609.83	82	K.SDLEAQVESLK.E	
				199 - 208	616.89	48	E.SLKEELICLK.Q	Carbamidomethyl: 8
				226 - 237	621.85	50.9	R.LNVEVDAAPTVD. L	
				352 - 361	625.33	35.2	R.QNQEQVLLD.V	
				181 - 190	630.9	43.1	R.RILDELTLCK.S	Carbamidomethyl: 9
				258 - 266	633.32	51.7	R.RDVEEWYIR.Q	
				21 - 30	634.39	37	Y.NFCLPNLSFR.S	Carbamidomethyl: 3
				64 - 74	644.79	40.4	W.FCEGSFNGNEK.E	Carbamidomethyl: 2
				247 - 257	647.33	94.8	R.AQYEALVETNR.R	
				109 - 119	650.34	50.2	R.SQQQEPLVCPN.Y	Carbamidomethyl: 9
				294 - 310	664.41	75.2	R.RTVNALEVELQAQ HNLR.D	
				220 - 231	672.88	26.9	R.SQLGDRLNVEVD. A	
				364 - 374	676.37	77	R.ARLESEINTYR.G	
				312 - 323	682.37	87.7	D.SLENTLTETEAR.Y	
				209 - 219	684.31	67.7	K.QNHEQEVNTLR.S	
				209 - 219	685.77	45.1	K.QNHEQEVNTLR.S	Deamidated: 1, 2, 5
				246 - 257	725.38	61.3	T.RAQYEALVETNR. R	
				247 - 258	725.87	27.6	R.AQYEALVETNRR. D	Deamidated: 10
				197 - 208	730.94	75.6	Q.VESLKEELICLK.Q	Carbamidomethyl: 10

				311 - 323	739.87	99.4	R.DSLENTLTETEAR. Y	
				311 - 323	740.35	93.3	R.DSLENTLTETEAR. Y	Deamidated: 5
				352 - 363	752.93	100.2	R.QNQEQVLLDVR. A	
				352 - 363	753.41	63.1	R.QNQEQVLLDVR. A	Deamidated: 2
				298 - 310	760.89	80.4	N.ALEVELQAQHNLR .D	
				220 - 240	761.41	32	R.SQLGDRLNVEVD AAPTVDLNR.V	
				126 - 138	764.46	54	R.TIEELQKILANK. A	
				333 - 346	785.98	54.8	Q.SLIVNVESQLAEIR .S	
				226 - 240	813.44	97	R.LNVEVDAAPTVDL NR.V	
				274 - 294	821.77	34	K.QVVSSSEQLQSY QAEIILRR.T	
				191 - 205	851.95	56.1	K.SDLEAQVESLKEE LI.C	
				324 - 346	888.79	36	R.YSCQLSQVQSLIV NVESQLAEIR.S	Carbamidomethyl: 3
				324 - 346	889.12	32	R.YSCQLSQVQSLIV NVESQLAEIR.S	Carbamidomethyl: 3; Deamidated: 14
				295 - 310	918.01	119.5	R.TVNALEVELQAQH NLR.D	
				193 - 208	951.56	91.5	D.LEAQVESLKEELIC LK.Q	Carbamidomethyl: 14
				295 - 311	975.49	35	R.TVNALEVELQAQH NLRD.S	
				191 - 208	1052.61	101.7	K.SDLEAQVESLKEE LICK.Q	Carbamidomethyl: 16
				191 - 208	1053.06	61.2	K.SDLEAQVESLKEE LICK.Q	Carbamidomethyl: 16; Deamidated: 6
				109 - 125	1072.49	72.8	R.SQQQEPLVCPNY QSYFR.T	Carbamidomethyl: 9
		49.7	1948.7	327 - 346	1128.09	63.5	C.QLSQVQSLIVNVE SQLAEIR.S	Deamidated: 6
K35				176 - 182	404.21	58.2	K.LAADDFR.T	
				363 - 369	408.78	47.1	E.SQLAEIR.C	
				107 - 113	412.26	54	R.LASYLEK.V	
				7 - 15	442.25	36.2	K.ASFSSGSLK.V	
				120 - 127	474.25	45	R.ENAELESR.I	
				106 - 113	490.3	48.4	D.RLASYLEK.V	
				149 - 156	494.8	59.2	Q.TIEELQKK.I	
				167 - 175	500.33	65.5	R.LVVQIDNAK.L	
				167 - 175	500.84	72.8	R.LVVQIDNAK.L	Deamidated: 7
				216 - 224	508.8	49.9	D.LEAQVESLK.E	
				398 - 406	518.78	37.5	R.GLLDSEDCK.L	Carbamidomethyl: 8
				270 - 281	527.94	31.2	R.CQYETLVENRR. E	Carbamidomethyl: 1
				107 - 115	539.84	72.4	R.LASYLEKVR.Q	
				47 - 57	556.8	46.6	R.SFSACSVGLGK.S	Carbamidomethyl: 5
				98 - 106	577.32	62.9	K.ETMQFLNDR.L	
				98 - 106	585.29	55.9	K.ETMQFLNDR.L	Oxidation: 3
				389 - 397	585.79	32.2	R.LECEISTYR.G	Carbamidomethyl: 3
				167 - 182	596.68	52.8	R.LVVQIDNAKLAAD DFR.T	
				27 - 37	601.82	38.8	R.VSTIFSSSSCK.L	Carbamidomethyl:

								10
				222 - 231	616.89	48	E.SLKEELLCLK.K	Carbamidomethyl: 8
				375 - 384	625.33	35.2	R.QNQEYQVLLD.V	
				183 - 192	629.33	33	R.TKYETEVTMR.Q	
				183 - 192	637.3	58.4	R.TKYETEVTMR.Q	Oxidation: 9
				335 - 346	645.84	67	D.ALESTLAETEAR.Y	
				334 - 346	703.36	89.5	R.DALESTLAETEAR.Y	
				220 - 231	730.94	75.6	Q.VESLKEELLCLK.K	Carbamidomethyl: 10
				375 - 386	752.93	100.2	R.QNQEYQVLLDVR.A	
				375 - 386	753.41	63.1	R.QNQEYQVLLDVR.A	Deamidated: 2
				249 - 263	811.47	39.8	R.LNVEVDAAPPVDLNR.V	
				297 - 317	821.77	34	Q.QVVSSSEQLQSYQAEIELRR.T	
				346 - 369	904.49	42	A.RYSSQLAQMQLIGNVESQLAEIR.C	Oxidation: 9; Deamidated: 5, 8, 10, 15
				216 - 231	951.56	91.5	D.LEAQVESLKEELLCLK.K	Carbamidomethyl: 14
K81	gij999000007	55.1	5554.6	33 - 38	378.16	29.4	R.GISCYR.G	Carbamidomethyl: 4
				273 - 279	393.75	25.9	D.NIVAEIK.A	
				116 - 122	406.27	52.8	R.FAAFIDK.V	
				39 - 47	426.23	56.9	R.GLTGGFGSR.S	
				249 - 256	441.76	45.8	R.VLQAHISD.T	
				215 - 221	448.74	45.6	D.VDCAYLR.K	Carbamidomethyl: 3
				125 - 131	453.78	38.1	R.FLEQQNK.L	
				397 - 408	473.97	42.5	K.LGLDIEIATYRR.L	
				25 - 32	476.27	37.2	C.CITAAPYR.G	Carbamidomethyl: 1
				242 - 248	476.29	55.1	R.LYEEEEIR.V	
				299 - 310	478.64	55.7	R.SKCEEIKATVIR.H	Carbamidomethyl: 3
				254 - 262	481.32	73.4	H.ISDTSVIVK.M	
				137 - 143	484.75	45.1	K.LQFYQNR.Q	
				137 - 143	485.29	41.2	K.LQFYQNR.Q	Deamidated: 6
				409 - 416	487.26	77.4	R.LLEGQEQR.L	Deamidated: 5
				332 - 340	487.77	52.9	R.LTAEVENAK.C	
				380 - 387	497.76	58	K.QDMACLLK.E	Carbamidomethyl: 5; Oxidation: 3
				194 - 201	504.8	61.9	R.YEEVALR.A	
				214 - 221	506.28	41.2	K.DVDCAYLR.K	Carbamidomethyl: 4
				291 - 298	506.29	45	R.AEAESWYR.S	
				10 - 23	507.9	44.6	R.AFSCVSACGPRPGR.C	Carbamidomethyl: 4, 8
				320 - 327	508.79	37.3	K.EEINELNR.V	
				280 - 288	519.79	74.7	K.AQYDDIASR.S	
				116 - 124	533.85	68.2	R.FAAFIDKVR.F	
				368 - 377	536.28	87.2	K.LAGLEEALQK.A	
				409 - 417	543.85	48.9	R.LLEGQEQR.L	Deamidated: 5
				24 - 32	556.32	53.3	R.CCITAAPYR.G	Carbamidomethyl: 1, 2
				388 - 396	564.29	56	K.EYQEVMSK.L	
				408 - 416	565.32	39.4	R.RLLEGQEQR.L	Deamidated: 6
				331 - 340	565.82	43.4	Q.RLTAEVENAK.C	
				213 - 221	570.29	38.8	K.KDVDCAYLR.K	Carbamidomethyl: 5

				318 - 331	581.32	40.2	R.TKEEINELNRVIQR.L	
				193 - 201	582.83	61.5	R.RYEEEEVALR.A	
				378 - 387	589.31	41.6	K.AKQDMACLLK.E	Carbamidomethyl: 7
				202 - 212	596.85	86.2	R.ATAENEFVALK.K	
				378 - 387	597.31	52.2	K.AKQDMACLLK.E	Carbamidomethyl: 7; Oxidation: 5
				202 - 212	597.33	57.3	R.ATAENEFVALK.K	Deamidated: 5
				164 - 174	597.73	82.5	R.EAECAEADSGR.L	Carbamidomethyl: 4
				367 - 377	600.36	88.3	R.KLAGLEEALQK.A	
				231 - 240	603.4	48.5	E.ALIQETDFLR.R	
				10 - 20	606.28	77.3	R.AFSCVSACGPR.P	Carbamidomethyl: 4, 8
				301 - 310	609.8	52.9	K.CEEIKATVIR.H	Carbamidomethyl: 1
				318 - 327	623.34	77	R.TKEEINELNR.V	
				318 - 327	623.8	53.4	R.TKEEINELNR.V	Deamidated: 6
				289 - 298	627.79	69.4	R.SRAEAEHWYR.S	
				269 - 279	630.34	67.8	D.LNMDNIVAEIK.A	
				397 - 407	632.4	104.4	K.LGLDIEIATYR.R	
				368 - 379	635.9	63.4	K.LAGLEEALQKAK.Q	
				269 - 279	638.35	35.6	D.LNMDNIVAEIK.A	Oxidation: 3
				202 - 213	660.86	84.3	R.ATAENEFVALKK.D	
				244 - 248	675.25	25	Y.EEEIR.V	
				268 - 279	687.91	87.4	R.DLNMDNIVAEIK.A	
				268 - 279	695.89	64.6	R.DLNMDNIVAEIK.A	Oxidation: 4
				91 - 102	700.88	36.4	L.NLEIDPNAQCVK.Q	Carbamidomethyl: 10
				317 - 327	701.34	54.4	R.RTKEEINELNR.V	
				433 - 446	711.84	103.4	R.GGVVCGDLCVSGSR.P	Carbamidomethyl: 5, 9
				419 - 432	718.83	74.6	C.EGVGSVNVCVSSSR.G	Carbamidomethyl: 9
				223 - 241	740.42	30.1	K.SDLEANVEALIQETDFLR.L	
				125 - 136	745.89	59.5	R.FLEQQNKLETK.L	
				249 - 262	755.47	74.4	R.VLQAHISDTSVIVK.M	
				368 - 381	757.42	53.6	K.LAGLEEALQKAKQD.M	
				132 - 143	776.94	66.3	K.LLETKLQFYQNR.Q	
				222 - 241	783.08	42.9	R.KSDLEANVEALIQETDFLR.L	
				125 - 143	814.79	33.6	R.FLEQQNKLETKLQFYQNR.Q	Deamidated: 4, 6
				143 - 162	825.07	35.4	N.RQCCESNLEPLFSGYIETLR.R	Carbamidomethyl: 3, 4; Deamidated: 2
				202 - 216	825.44	47.4	R.ATAENEFVALKKD.VD.C	
				417 - 432	855.39	126.5	R.LCEGVGSVNVCVSSSR.G	Carbamidomethyl: 2, 11
				148 - 162	869.98	56.4	E.SNLEPLFSGYIETLR.R	
				175 - 190	904.98	119.8	R.LSSELNSLQEVLEGYK.K	
				175 - 190	905.46	84.4	R.LSSELNSLQEVLEGYK.K	Deamidated: 6
				175 - 190	905.97	33.2	R.LSSELNSLQEVLEGYK.K	Deamidated: 6, 9

				346 - 363	907.93	96.5	K.LEAAVTQAEQQG EAALAD.A	
				225 - 240	931	120.1	D.LEANVEALIQETD FLR.R	
				175 - 191	969.01	72.3	R.LSSELNSLQEVLE GYKK.R	
				346 - 365	1007.49	152.8	K.LEAAVTQAEQQG EAALADAK.R	
				346 - 365	1008	66.9	K.LEAAVTQAEQQG EAALADAK.R	Deamidated: 7
				85 - 102	1013.02	82.3	E.SLLTPLNLEIDPNA QCVK.Q	Carbamidomethyl: 16
				223 - 240	1032.01	114.9	K.SDLEANVEALIQE TDFLR.R	
				223 - 240	1032.55	73.3	K.SDLEANVEALIQE TDFLR.R	Deamidated: 12
				223 - 240	1032.58	69.8	K.SDLEANVEALIQE TDFLR.R	Deamidated: 6
				222 - 240	1096.05	175.6	R.KSDLEANVEALIQ ETDFLR.R	
				144 - 162	1158.51	102.2	R.QCCESNLEPLFSG YIETLR.R	Carbamidomethyl: 2, 3
K86	gij999000010	54.8	5746.2	65 - 71	375.22	45.4	R.IAVSGFR.A	
				289 - 295	393.75	25.9	D.NIVAEIK.A	
				133 - 139	406.27	52.8	R.FAAFIDK.V	
				265 - 272	441.76	45.8	R.VLQAHISD.T	
				492 - 500	445.78	98.1	R.VGGSILGCK.K	Carbamidomethyl: 8
				231 - 237	448.74	45.6	D.VDCAYLR.K	Carbamidomethyl: 3
				142 - 148	453.78	38.1	R.FLEQQNK.L	
				413 - 424	473.97	42.5	K.LGLDIEIATYRR.L	
				258 - 264	476.29	55.1	R.LYEEEEIR.V	
				315 - 326	478.64	55.7	R.SKCEEIKATVIR.H	Carbamidomethyl: 3
				270 - 278	481.32	73.4	H.ISDTSVIVK.M	
				154 - 160	484.75	45.1	K.LQFYQNR.Q	
				154 - 160	485.29	41.2	K.LQFYQNR.Q	Deamidated: 6
				425 - 432	487.26	77.4	R.LLEGEEQR.L	
				348 - 356	487.77	52.9	R.LTAEVENAK.C	
				396 - 403	497.76	58	K.QDMACLK.E	Carbamidomethyl: 5; Oxidation: 3
				210 - 217	504.8	61.9	R.YEEVALR.A	
				230 - 237	506.28	41.2	K.DVDCAYLR.K	Carbamidomethyl: 4
				307 - 314	506.29	45	R.AEAESWYR.S	
				336 - 343	508.79	37.3	K.EEINELNR.V	
				296 - 304	524.28	51	K.AHYDDIASR.S	
				133 - 141	533.85	68.2	R.FAAFIDKVR.F	
				384 - 393	536.28	87.2	K.LAGLEEALQK.A	
				425 - 433	543.85	48.9	R.LLEGEEQRL.C	
				54 - 64	545.79	75.9	R.SVSALGSCGPR.I	Carbamidomethyl: 8
				31 - 39	549.29	50.8	R.CCISAAPYR.G	Carbamidomethyl: 1, 2
				404 - 412	564.29	56	K.EYQEVMSK.L	
				424 - 432	565.32	39.4	R.RLLEGEEQR.L	
				347 - 356	565.82	43.4	Q.RLTAEVENAK.C	
				229 - 237	570.29	38.8	K.KDVDCAYLR.K	Carbamidomethyl: 5
				16 - 26	577.78	57.7	R.TFSSCSAVAPK.T	Carbamidomethyl: 5
				334 - 347	581.32	40.2	R.TKEEINELNRVIQR .L	
				209 - 217	582.83	61.5	K.RYEEVALR.A	

			394 - 403	589.31	41.6	K.AKQDMACLLK.E	Carbamidomethyl: 7
			218 - 228	596.85	86.2	R.ATAENEFVALK.K	
			394 - 403	597.31	52.2	K.AKQDMACLLK.E	Carbamidomethyl: 7; Oxidation: 5
			218 - 228	597.33	57.3	R.ATAENEFVALK.K	Deamidated: 5
			181 - 191	597.73	82.5	R.EAECAEADSGR.L	Carbamidomethyl: 4
			383 - 393	600.36	88.3	C.KLAGLEELQK.A	
			247 - 256	603.4	48.5	E.ALIQETDFLR.R	
			317 - 326	609.8	52.9	K.CEEIKATVIR.H	Carbamidomethyl: 1
			437 - 448	617.81	54.2	G.VGAVNVCVSSSR.G	Carbamidomethyl: 7
			334 - 343	623.34	77	R.TKEEINELNR.V	
			334 - 343	623.8	53.4	R.TKEEINELNR.V	Deamidated: 6
			305 - 314	627.79	69.4	R.SRAEAESWYR.S	
			285 - 295	630.34	67.8	D.LNMDNIVAEIK.A	
			413 - 423	632.4	104.4	K.LGLDIEIATYR.R	
			384 - 395	635.9	63.4	K.LAGLEELQKAK.Q	
			285 - 295	638.35	35.6	D.LNMDNIVAEIK.A	Oxidation: 3
			436 - 448	646.29	59.3	E.GVGAVNVCVSSSR.G	Carbamidomethyl: 8
			218 - 229	660.86	84.3	R.ATAENEFVALKK.D	
			260 - 264	675.25	25	Y.EEEIR.V	
			284 - 295	687.91	87.4	R.DLNMDNIVAEIK.A	
			284 - 295	695.89	64.6	R.DLNMDNIVAEIK.A	Oxidation: 4
			108 - 119	700.88	36.4	L.NLEIDPNAQCVK.Q	Carbamidomethyl: 10
			333 - 343	701.34	54.4	R.RTKEEINELNR.V	
			435 - 448	710.81	48.8	C.EGVGAVNVCVSSSR.G	Carbamidomethyl: 9
			373 - 393	729.41	25.4	Q.GEAALADAKCKLAGLEELQK.A	Carbamidomethyl: 10
			41 - 53	730.36	25	G.VSCYRGLTGFGSR.S	Carbamidomethyl: 3
			239 - 257	740.42	30.1	K.SDLEANVEALIQETDFLR.L	
			142 - 153	745.89	59.5	R.FLEQQNKLETKL	
			265 - 278	755.47	74.4	R.VLQAHISDTSVIVK.M	
			384 - 397	757.42	53.6	K.LAGLEELQKAKQD.M	
			478 - 491	761.84	62.2	N.VVVGTSDFVCSPCSR.V	Carbamidomethyl: 9, 12
			149 - 160	776.94	66.3	K.LLETKLQFYQNR.Q	
			238 - 257	783.08	42.9	R.KSDLEANVEALIQETDFLR.L	
			142 - 160	814.79	33.6	R.FLEQQNKLETKLQFYQNR.Q	Deamidated: 4, 6
			160 - 179	825.07	35.4	N.RQCCESNLEPLFSGYIETLR.R	Carbamidomethyl: 3, 4; Deamidated: 2
			218 - 232	825.44	47.4	R.ATAENEFVALKKD.VD.C	
			433 - 448	847.41	132.1	R.LCEGVGAVNVCVSSSR.G	Carbamidomethyl: 2, 11
			433 - 448	847.92	33.8	R.LCEGVGAVNVCVSSSR.G	Carbamidomethyl: 2, 11; Deamidated: 9
			165 - 179	869.98	56.4	E.SNLEPLFSGYIETLR.R	

				192 - 207	904.98	119.8	R.LSSELNSLQEVLE GYK.K	
				192 - 207	905.46	84.4	R.LSSELNSLQEVLE GYK.K	Deamidated: 6
				192 - 207	905.97	33.2	R.LSSELNSLQEVLE GYK.K	Deamidated: 6, 9
				362 - 379	907.93	96.5	K.LEAAVTQAEQQG EAALAD.A	
				241 - 256	931	120.1	D.LEANVEALIQETD FLR.R	
				192 - 208	969.01	72.3	R.LSSELNSLQEVLE GYKK.R	
				362 - 381	1007.49	152.8	K.LEAAVTQAEQQG EAALADAK.C	
				362 - 381	1008	66.9	K.LEAAVTQAEQQG EAALADAK.C	Deamidated: 7
				102 - 119	1013.02	82.3	E.SLLTPLNLEIDPNA QCVK.Q	Carbamidomethyl: 16
				239 - 256	1032.01	114.9	K.SDLEANVEALIQE TDFLR.R	
				239 - 256	1032.55	73.3	K.SDLEANVEALIQE TDFLR.R	Deamidated: 12
				239 - 256	1032.58	69.8	K.SDLEANVEALIQE TDFLR.R	Deamidated: 6
				238 - 256	1096.05	175.6	R.KSDLEANVEALIQ ETDFLR.R	
				161 - 179	1158.51	102.2	R.QCCESNLEPLFSG YIETLR.R	Carbamidomethyl: 2, 3
KAP10- like Partial	gj 999000052	46.4	391.5	277 - 286	604.8	57.2	R.SISCEPLSCR.P	Carbamidomethyl: 4, 9
				340 - 349	614.37	42.5	R.QPYLTSISYR.P	
				206 - 216	666.4	36.2	R.VSLVCEPICVR.P	Carbamidomethyl: 5, 9
				133 - 146	847.91	55.9	R.VFCVPSSCQPILC K.P	Carbamidomethyl: 3, 8, 13
				27 - 46	1115.99	108.8	E.ATICEPSCSVSSC AQPVSYK.A	Carbamidomethyl: 4, 8, 13
KAP11. 1	gj 999000018	16.7	950.8	145 - 155	688.28	77.4	R.TYQQSCVSSCR.R	Carbamidomethyl: 6, 10
				145 - 155	688.74	81.9	R.TYQQSCVSSCR.R	Carbamidomethyl: 6, 10; Deamidated: 3
				145 - 155	688.76	79	R.TYQQSCVSSCR.R	Carbamidomethyl: 6, 10; Deamidated: 4
				145 - 155	689.25	73.5	R.TYQQSCVSSCR.R	Carbamidomethyl: 6, 10; Deamidated: 3, 4
				67 - 78	695.86	44.2	C.YQPTPCVSSPVR. V	Carbamidomethyl: 6
				98 - 120	830.79	68.4	R.PLTFISSGCQPLS GVSTVCKPVR.S	Carbamidomethyl: 9, 19
				121 - 144	850.74	104.4	R.SISTVCQVGGVS TICQPTCGVSR.T	Carbamidomethyl: 6, 16, 20
				121 - 144	851.08	43.6	R.SISTVCQVGGVS TICQPTCGVSR.T	Carbamidomethyl: 6, 16, 20; Deamidated: 17
				83 - 97	866.33	76.6	R.QTTCVSSPCSTTC SR.P	Carbamidomethyl: 4, 9, 13
				83 - 97	866.79	66	R.QTTCVSSPCSTTC SR.P	Carbamidomethyl: 4, 9, 13; Deamidated: 1
				64 - 78	869.88	68.2	Q.STCYQPTPCVSS PVR.V	Carbamidomethyl: 3, 9

				13 - 29	888.43	63	R.RIGGEYTPVVTV SSPD.A	
				13 - 31	981.48	83.7	R.RIGGEYTPVVTV SSPDAD.C	
KAP13. 1	gij999000030	17.4	732.9	141 - 147	421.23	41	R.PTFSSR.S	
				136 - 142	429.25	42.4	R.SSFYRPT.F	
				136 - 143	502.81	41.7	R.SSFYRPTF.F	
				136 - 144	576.35	49.5	R.SSFYRPTFF.S	
				26 - 36	613.85	60.6	C.GSSFPSNLVYR.T	
				125 - 135	634.84	36.7	H.SPNIFSSLSCR.S	Carbamidomethyl: 10; Deamidated: 3
				63 - 79	676.34	44.9	R.TQTVVSSPCQTS CYRPR.T	Carbamidomethyl: 9, 13
				63 - 79	676.66	41.8	R.TQTVVSSPCQTS CYRPR.T	Carbamidomethyl: 9, 13; Deamidated: 10
				63 - 79	676.98	27.5	R.TQTVVSSPCQTS CYRPR.T	Carbamidomethyl: 9, 13; Deamidated: 2, 10
				148 - 163	861.91	76.7	R.SGQSLSFQPTCG SGFY.-	Carbamidomethyl: 11
				148 - 163	862.41	83.6	R.SGQSLSFQPTCG SGFY.-	Carbamidomethyl: 11; Deamidated: 3
				20 - 36	934.44	111.6	R.YSGSSCGSSFPS NLVYR.T	Carbamidomethyl: 6
KAP15. 1	gij999000032	14.6	217	68 - 82	958.44	98	R.FFQTSCSHPQNF FR.S	Carbamidomethyl: 6
				68 - 82	958.95	80.7	R.FFQTSCSHPQNF FR.S	Carbamidomethyl: 6; Deamidated: 3
				68 - 82	959.41	38.2	R.FFQTSCSHPQNF FR.S	Carbamidomethyl: 6; Deamidated: 3, 10
KAP16. 2	gij999000035	6	239.9	7 - 19	690.41	49.4	N.YYGGLGYGLGGF R.G	
				1 - 19	1063.96	119.7	- .SYYGNYYGGLGY GLGGFR.G	
				1 - 19	1064.49	45.9	- .SYYGNYYGGLGY GLGGFR.G	Deamidated: 6
KAP19. 3	gij999000016	7.6	673.8	59 - 65	405.71	40.3	R.CPSSFGR.Y	Carbamidomethyl: 1
				25 - 32	450.68	33.3	R.GCGGSFR.R	Carbamidomethyl: 2, 4
				33 - 44	609.8	42.8	R.RLGFSTGFGGYG. C	
				9 - 24	767.9	84.4	S.GLGYGYGGFGL GFGR.G	
				17 - 24	810.4	39	G.FGGLGFGR.G	
				8 - 24	811.41	71.9	Y.SGLGYGYGGFGL LGFR.G	
				34 - 58	858.05	91.3	R.LGFSTGFGGYG GSGFGSFGYGNR. C	Carbamidomethyl: 12
				1 - 24	870.39	96.9	- .CHYSNYYGGLGYG YGGFGLGFGR.G	Carbamidomethyl: 1
				1 - 25	889.37	43.4	- .CHYSNYYGGLGYG YGGFGLGFGR.G.C	Carbamidomethyl: 1
				33 - 58	910.06	34.6	R.RLGFSTGFGGYG CGSFGSFGYGN R.C	Carbamidomethyl: 13

				6 - 24	974.44	95.8	N.YYSGLGYGYGGF GGLGFGR.G	
KAP19.5	gij999000015	7.7	292	34 - 41	427.21	56	R.LGCGSGFR.G	Carbamidomethyl: 3
				25 - 32	450.68	33.3	R.GCGCGSFR.R	Carbamidomethyl: 2, 4
				65 - 72	512.24	34	R.RCGFSSFY.-	Carbamidomethyl: 2
				9 - 24	767.9	84.4	R.GLGYGYGGFGL GFGR.G	
				17 - 24	810.4	39	G.FGGLGFGR.G	
KAP2.3 var2	gij999000041	14	665.5	59 - 64	403.68	39.6	R.RPVCCD.P	Carbamidomethyl: 4, 5
				42 - 48	408.26	51.1	R.PVTFVPR.C	
				52 - 58	466.24	38.6	R.PICEPCR.R	Carbamidomethyl: 3, 6
				124 - 131	514.76	34	R.TFRTSPCC.-	Carbamidomethyl: 7, 8
				59 - 66	532.25	51	R.RPVCCDPC.S	Carbamidomethyl: 4, 5, 8
				110 - 119	587.22	55.8	R.PTSCQPAPCR.T	Carbamidomethyl: 4, 9
				32 - 48	620.02	54.3	R.PVSSQTTVSRPVT FVPR.C	
				59 - 68	632.28	50.3	R.RPVCCDPCSL.Q	Carbamidomethyl: 4, 5, 8
				15 - 25	664.27	33.2	C.GGGCLQPCCYR. D	Carbamidomethyl: 4, 8, 9
				49 - 58	674.77	32.7	R.CTRPICEPCR.R	Carbamidomethyl: 1, 6, 9
				59 - 74	685.26	65.6	R.RPVCCDPCSLQE GCCR.P	Carbamidomethyl: 4, 5, 8, 14, 15
				59 - 69	696.28	37.6	R.RPVCCDPCSLQ.E	Carbamidomethyl: 4, 5, 8
				59 - 71	789.3	34	R.RPVCCDPCSLQE G.C	Carbamidomethyl: 4, 5, 8
				59 - 78	842.32	52.5	R.RPVCCDPCSLQE GCCRPITC.C	Carbamidomethyl: 4, 5, 8, 14, 15, 20
KAP2.3 var3	gij999000042	14.1	809	42 - 48	403.25	52.4	R.PVTFVSR.C	
				59 - 64	403.68	39.6	R.RPVCCD.P	Carbamidomethyl: 4, 5
				52 - 58	466.24	38.6	R.PICEPCR.R	Carbamidomethyl: 3, 6
				124 - 131	514.76	34	R.TFRTSPCC.-	Carbamidomethyl: 7, 8
				59 - 66	532.25	51	R.RPVCCDPC.S	Carbamidomethyl: 4, 5, 8
				110 - 119	587.22	55.8	R.PTSCQPAPCR.T	Carbamidomethyl: 4, 9
				59 - 68	632.28	50.3	R.RPVCCDPCSL.Q	Carbamidomethyl: 4, 5, 8
				49 - 58	674.77	32.7	R.CTRPICEPCR.R	Carbamidomethyl: 1, 6, 9
				59 - 74	685.26	65.6	R.RPVCCDPCSLQE GCCR.P	Carbamidomethyl: 4, 5, 8, 14, 15
				10 - 22	689.8	36.9	F.SSLSCGGGCLQP R.Y	Carbamidomethyl: 5, 9
				59 - 69	696.28	37.6	R.RPVCCDPCSLQ.E	Carbamidomethyl: 4, 5, 8
				9 - 22	763.34	39.8	T.FSSLSCGGGCLQ PR.Y	Carbamidomethyl: 6, 10
				1 - 22	782.68	58	- .TGSCCGPTFSSLSC GGGCLQPR.Y	Carbamidomethyl: 4, 5, 14, 18

				59 - 71	789.3	34	R.RPVCCDPCSLQE G.C	Carbamidomethyl: 4, 5, 8
				59 - 78	842.32	52.5	R.RPVCCDPCSLQE GCCRPITC.C	Carbamidomethyl: 4, 5, 8, 14, 15, 20
				5 - 22	970.93	94	C.CGPTFSSLSCGG GCLQPR.Y	Carbamidomethyl: 1, 10, 14
KAP26. 1	gij999000054	19.2	154	7 - 16	534.31	52.7	C.SGNYTLGSLR.S	
				39 - 49	646.79	55.5	D.GLCLPSSCQDR.T	Carbamidomethyl: 3, 8
				169 - 183	845.95	45.8	Y.VFSPYRPSYSTCG GL.-	Carbamidomethyl: 12
KAP4- like	gij999000058	17.5	352	156 - 164	563.71	61.9	R.PVCCPSSCC.-	Carbamidomethyl: 3, 4, 8, 9
				17 - 25	607.25	49.8	R.SLCQETCCR.P	Carbamidomethyl: 3, 7, 8
				17 - 27	699.25	47.5	R.SLCQETCCRPS.C	Carbamidomethyl: 3, 7, 8
				36 - 48	767.8	56.1	R.TTCYRPSCGVSS C.C	Carbamidomethyl: 3, 8, 13
				17 - 35	842.27	32.7	R.SLCQETCCRPS CQTCCR.T	Carbamidomethyl: 3, 7, 8, 12, 13, 17, 18; Deamidated: 14
				97 - 109	854.81	103.9	Q.CCQPVCCQPSCP R.I	Carbamidomethyl: 1, 2, 6, 7, 11
KAP6.1	gij999000021	8.3	723.1	39 - 49	598.69	45	C.GYGCGYGYGSR. S	Carbamidomethyl: 4
				24 - 34	605.78	80.8	C.GYGSCYGSFR. R	Carbamidomethyl: 5
				50 - 61	632.27	83.6	R.SLCGSGYGYGSR. S	Carbamidomethyl: 3
				38 - 49	678.76	84.8	G.CYGCGYGYGSR .S	Carbamidomethyl: 1, 5
				43 - 49	759.26	26.5	C.GYGYSR.S	
				36 - 49	763.82	94.1	R.LGCGYGCYGYG SR.S	Carbamidomethyl: 3, 7
				21 - 34	770.82	85	G.LGCGYGCYGS FR.R	Carbamidomethyl: 3, 8
				20 - 34	799.33	102.6	G.GLGCYGCYGS GFR.R	Carbamidomethyl: 4, 9
				35 - 49	841.84	62.8	R.RLGCYGCYGY GSR.S	Carbamidomethyl: 4, 8
KAP6.3	gij999000020	8.3	844.8	39 - 49	598.69	45	C.GYGCGYGYGSR. S	Carbamidomethyl: 4
				24 - 34	605.78	80.8	C.GYGSCYGSFR. R	Carbamidomethyl: 5
				50 - 61	630.77	72.6	R.SLCGSGYGCGR. P	Carbamidomethyl: 3, 9
				38 - 49	678.76	84.8	G.CYGCGYGYGSR .S	Carbamidomethyl: 1, 5
				43 - 49	759.26	26.5	C.GYGYSR.S	
				36 - 49	763.82	94.1	R.LGCGYGCYGYG SR.S	Carbamidomethyl: 3, 7
				21 - 34	770.82	85	G.LGCGYGCYGS FR.R	Carbamidomethyl: 3, 8
				20 - 34	799.33	102.6	G.GLGCYGCYGS GFR.R	Carbamidomethyl: 4, 9
				35 - 49	841.84	62.8	R.RLGCYGCYGY GSR.S	Carbamidomethyl: 4, 8
				50 - 65	845.89	56.2	R.SLCGSGYGCGR PLYG.C	Carbamidomethyl: 3, 9
				62 - 82	1152.94	92	R.PLYGCYGCYGS YGSFGYYY.-	Carbamidomethyl: 5, 9
KAP9.2	gij999000072	30.4	979	229 - 235	451.68	28	C.APVYCHR.T	Carbamidomethyl: 5

				236 - 242	469.7	32.7	R.TCYHPTC.C	Carbamidomethyl: 2, 7
				236 - 243	549.74	50.3	R.TCYHPTCC.C	Carbamidomethyl: 2, 7, 8
				222 - 235	589.24	31	N.CCQPASCAPVYC HR.T	Carbamidomethyl: 1, 2, 7, 12
				24 - 37	599.56	39.4	C.PPTCYQTSEHTC CR.T	Carbamidomethyl: 4, 12, 13
				155 - 165	626.31	62.1	R.TTCLKPVCAATT.C	Carbamidomethyl: 3, 8
				38 - 48	628.28	32.6	R.TTCSKPTCVTT.C	Carbamidomethyl: 3, 8
				76 - 86	641.32	33.4	R.TTCLKPTCVTT.C	Carbamidomethyl: 3, 8
				66 - 75	641.75	76.1	R.PISCQTTCCR.T	Carbamidomethyl: 4, 8, 9
				264 - 273	671.19	68	R.PVCCQTTCCR.T	Carbamidomethyl: 3, 4, 8, 9
				264 - 273	671.75	58.7	R.PVCCQTTCCR.T	Carbamidomethyl: 3, 4, 8, 9; Deamidated: 5
				218 - 235	694.27	35.3	C.GGSNCCQPASCA PVYCHR.T	Carbamidomethyl: 5, 6, 11, 16
				38 - 49	708.26	47.4	R.TTCSKPTCVTTC. C	Carbamidomethyl: 3, 8, 12
				76 - 87	721.32	64.3	R.TTCLKPTCVTTC.C	Carbamidomethyl: 3, 8, 12
				21 - 37	738.61	40.9	R.PCCPPTCYQTSE HTCCR.T	Carbamidomethyl: 2, 3, 7, 15, 16
				263 - 273	749.26	42	S.RPVCCQTTCCR.T	Carbamidomethyl: 4, 5, 9, 10
				236 - 247	763.27	30.8	R.TCYHPTCCCLPG. C	Carbamidomethyl: 2, 7, 8, 9
				236 - 248	843.3	36	R.TCYHPTCCCLPG C.Q	Carbamidomethyl: 2, 7, 8, 9, 13
				38 - 53	936.36	49.8	R.TTCSKPTCVTTCC QPA.C	Carbamidomethyl: 3, 8, 12, 13
				277 - 291	952.81	63.2	R.CRPSCVSSCCQP SCC.-	Carbamidomethyl: 1, 5, 9, 10, 14, 15
KAP9.2 -like	gij999000057	20.6	745.1	140 - 145	395.7	28.5	R.ICYHPT.C	Carbamidomethyl: 2
				133 - 139	451.68	28	C.APVYCHR.I	Carbamidomethyl: 5
				140 - 146	475.72	40.2	R.ICYHPTC.C	Carbamidomethyl: 2, 7
				9 - 15	489.16	25.4	R.CQPPCCR.T	Carbamidomethyl: 1, 5, 6
				140 - 147	555.75	59.4	R.ICYHPTCC.C	Carbamidomethyl: 2, 7, 8
				126 - 139	589.24	31	P.CCQPASCAPVYC HR.I	Carbamidomethyl: 1, 2, 7, 12
				81 - 90	653.25	46.1	C.YQTSETTCCR.T	Carbamidomethyl: 8, 9
				168 - 177	671.19	68	R.PVCCQTTCCR.T	Carbamidomethyl: 3, 4, 8, 9
				168 - 177	671.75	58.7	R.PVCCQTTCCR.T	Carbamidomethyl: 3, 4, 8, 9; Deamidated: 5
				167 - 177	749.26	42	N.RPVCCQTTCCR.T	Carbamidomethyl: 4, 5, 9, 10
				140 - 151	769.31	26.8	R.ICYHPTCCCLPG. C	Carbamidomethyl: 2, 7, 8, 9
				140 - 152	849.33	39.8	R.ICYHPTCCCLPGC .Q	Carbamidomethyl: 2, 7, 8, 9, 13
				77 - 90	880.83	94.9	C.PPTCYQTSETTCC R.T	Carbamidomethyl: 4, 12, 13

				16 - 30	930.3	86.7	R.TTCESSGCQPC CPR.T	Carbamidomethyl: 3, 4, 9, 12, 13
				178 - 194	1070.39	52.4	R.TTCCRPSCVSTC CPSFC.-	Carbamidomethyl: 3, 4, 8, 12, 13, 17
K10	gij999000082	56.3	599.3	211 - 217	404.21	58.2	R.LAADDFR.M	
				139 - 145	405.24	58.6	R.LASYLDK.V	
				240 - 248	516.34	70.2	R.VLDELTLTK.T	
				317 - 325	555.29	59.8	R.DAEAWFNEK.S	
				369 - 381	695.85	99.7	K.QSLEASLAETEGR .Y	
				369 - 381	696.38	50.9	K.QSLEASLAETEGR .Y	Deamidated: 1
				422 - 432	717.88	64.4	K.IRLENIQTYR.S	
				32 - 50	854.4	100.6	K.GSLGGGFSSGGF SGGSFSR.G	
K31	gij164652864	46.8	4415.1	224 - 229	366.2	47.5	R.VLNETR.A	
				136 - 142	404.21	58.2	K.LAADDFR.T	
				217 - 223	407.76	34.1	A.PTVDLNR.V	
				323 - 329	408.78	47.1	E.SQLAEIR.G	
				67 - 73	412.26	54	R.LASYLEK.V	
				7 - 13	423.78	40.5	C.LPNLSFR.S	
				103 - 108	432.21	35.7	N.YQSYFR.T	
				153 - 164	467.26	25.4	R.QLVESDINGLRR.I	
				80 - 87	474.25	45	R.ENAELESR.I	
				230 - 241	483.93	60.5	R.AQYEALVETNRR. D	
				66 - 73	490.3	48.4	D.RLASYLEK.V	
				145 - 152	490.8	57.4	K.YETELGLR.Q	
				109 - 116	494.8	59.2	R.TIEELQQK.I	
				243 - 249	497.74	53.7	D.VEEWYIR.Q	
				127 - 135	500.33	65.5	R.LVVQIDNAK.L	
				127 - 135	500.84	72.8	R.LVVQIDNAK.L	Deamidated: 7
				6 - 13	503.83	37	F.CLPNLSFR.S	Carbamidomethyl: 1
				176 - 184	508.8	49.9	D.LEAQVESLK.E	
				358 - 366	518.78	37.5	R.GLLDSEDCK.L	Carbamidomethyl: 8
				214 - 223	536.28	49.7	V.DAAPTVDLNR.V	
				101 - 108	537.77	51.4	C.PNYQSYFR.T	
				67 - 75	539.84	72.4	R.LASYLEKVR.Q	
				165 - 173	552.87	78	R.ILDELTLCK.S	Carbamidomethyl: 8
				242 - 249	555.28	54.7	R.DVEEWYIR.Q	
				405 - 413	556.76	67.8	R.CGPCNSYVR.- D.AAPTVDLNRVLNE TR.A	Carbamidomethyl: 1, 4
				215 - 229	557.01	28.9	F.RTIEELQQK.I	
				108 - 116	572.83	35	N.FCLPNLSFR.S	Carbamidomethyl: 2
				5 - 13	577.31	46.4	K.ETMQFLNDR.L	
				58 - 66	577.32	62.9	K.ETMQFLNDR.L	Oxidation: 3
				58 - 66	585.29	55.9	D.RLNVEVDAAPTVD LNR.V	
				208 - 223	594.69	35.8	R.LVVQIDNAKLAAD DFR.T	
				127 - 142	596.68	52.8	R.LECEINTYR.G	Carbamidomethyl: 3
				349 - 357	599.31	64	R.TKYETELGLR.Q	
				143 - 152	605.35	68	K.SDLEAQVESLK.E	
				174 - 184	609.83	82	E.SLKEELICK.S	Carbamidomethyl: 8
				182 - 191	616.89	48		

				209 - 220	621.85	50.9	R.LNVEVDAAPTVD. L	
				335 - 344	625.33	35.2	R.QNQEQVLLD.V	
				164 - 173	630.9	43.1	R.RILDELTLCK.S	Carbamidomethyl: 9
				241 - 249	633.32	51.7	R.RDVEEWYIR.Q	
				4 - 13	634.39	37	F.NFCLPNLSFR.S	Carbamidomethyl: 3
				47 - 57	644.79	40.4	W.FCEGSFNGNEK.E	Carbamidomethyl: 2
				230 - 240	647.33	94.8	R.AQYEALVETNR.R	
				92 - 102	650.34	50.2	R.SQQQEPLVCPN.Y	Carbamidomethyl: 9
				277 - 293	664.41	75.2	R.RTVNALEVELQAQ HNLR.D	
				203 - 214	672.88	26.9	R.SQLGDRLNVEVD. A	
				295 - 306	682.37	87.7	D.SLENTLTETEAR.Y	
				347 - 357	712.86	60.1	R.ARLECEINTYR.G	Carbamidomethyl: 5
				229 - 240	725.38	61.3	T.RAQYEALVETNR. R	
				230 - 241	725.87	27.6	R.AQYEALVETNRR. D	Deamidated: 10
				180 - 191	730.94	75.6	Q.VESLKEELICK.S	Carbamidomethyl: 10
				174 - 192	731.07	30	K.SDLEAQVESLKEE LICKS.N	Carbamidomethyl: 16
				294 - 306	739.87	99.4	R.DSLENTLTETEAR. Y	
				294 - 306	740.35	93.3	R.DSLENTLTETEAR. Y	Deamidated: 5
				2 - 13	751.88	35.4	M.SFNCLPNLSFR. S	Carbamidomethyl: 5; Deamidated: 3
				335 - 346	752.93	100.2	R.QNQEQVLLDVR. A	
				335 - 346	753.41	63.1	R.QNQEQVLLDVR. A	Deamidated: 2
				281 - 293	760.89	80.4	N.ALEVELQAQHNL .D	
				203 - 223	761.41	32	R.SQLGDRLNVEVD AAPTVDLNR.V	
				109 - 121	787.49	70.4	R.TIEELQKILCAK. S	Carbamidomethyl: 11
				381 - 402	805.07	52.7	K.TITPCISSPCAPAA PCTPCVPR.S	Carbamidomethyl: 5, 10, 16, 19
				209 - 223	813.44	97	R.LNVEVDAAPTVDL NR.V	
				174 - 188	851.95	56.1	K.SDLEAQVESLKEE LI.C	
				307 - 329	893.77	55.9	R.YSCQLNQVQSLIS NVESQLAEIR.G	Carbamidomethyl: 3
				278 - 293	918.01	119.5	R.TVNALEVELQAQ HLR.D	
				176 - 191	951.56	91.5	D.LEAQVESLKEELI LK.S	Carbamidomethyl: 14
				278 - 294	975.49	35	R.TVNALEVELQAQ HLRD.S	
				174 - 200	1048.54	26.8	K.SDLEAQVESLKEE LICKSNHEEVNT.L	Carbamidomethyl: 16
				174 - 191	1052.61	101.7	K.SDLEAQVESLKEE LICK.S	Carbamidomethyl: 16
				174 - 191	1053.06	61.2	K.SDLEAQVESLKEE LICK.S	Carbamidomethyl: 16; Deamidated: 6
				92 - 108	1072.49	72.8	R.SQQQEPLVCPNY QSYFR.T	Carbamidomethyl: 9
				310 - 329	1135.59	65.5	C.QLNQVQSLISNVE SQLAEIR.G	Deamidated: 3

K33	gij312283592	46.1	3796.6	224 - 229	366.2	47.5	H.VLNETR.A	
				323 - 329	408.78	47.1	E.SQLAEIR.S	
				136 - 142	412.22	58.9	K.LASDDFR.T	
				67 - 73	412.26	54	R.LASYLEK.V	
				7 - 13	423.78	40.5	C.LPNLSFR.S	
				80 - 86	430.72	25.3	R.ENAELER.R	
				103 - 108	432.21	35.7	N.YQSYFR.T	
				230 - 241	483.93	60.5	R.AQYEALVETNRR. D	
				66 - 73	490.3	48.4	D.RLASYLEK.V	
				109 - 116	494.8	59.2	R.TIEELQQK.I	
				243 - 249	497.74	53.7	D.VEEWYIR.Q	
				145 - 152	498.79	60.9	K.YETEVSLR.Q	
				127 - 135	500.33	65.5	R.LVVQIDNAK.L	
				127 - 135	500.84	72.8	R.LVVQIDNAK.L	Deamidated: 7
				6 - 13	503.83	37	F.CLPNLSFR.S	Carbamidomethyl: 1
				358 - 366	518.78	37.5	R.GLLDSEDCK.L	Carbamidomethyl: 8
				101 - 108	537.77	51.4	C.PNYQSYFR.T	
				67 - 75	539.84	72.4	R.LASYLEKVR.Q	
				396 - 404	546.24	62	R.CGPCNTFVH.-	Carbamidomethyl: 1, 4
				221 - 229	548.31	38.8	D.LNHVLNETR.A	
				165 - 173	552.87	78	R.ILDELTCK.S	Carbamidomethyl: 8
				242 - 249	555.28	54.7	R.DVEEWYIR.Q	
				108 - 116	572.83	35	F.RTIEELQQK.I	
				5 - 13	577.31	46.4	N.FCLPNLSFR.S	Carbamidomethyl: 2
				58 - 66	577.32	62.9	K.ETMQFLNDR.L	
				58 - 66	585.29	55.9	K.ETMQFLNDR.L	Oxidation: 3
				349 - 357	599.31	64	R.LECEINTYR.G	Carbamidomethyl: 3
				143 - 152	613.32	66.7	R.TKYETEVSLR.Q	
				153 - 163	614.39	71.2	R.QLVEADLNGLR.R	
				153 - 163	614.88	71.3	R.QLVEADLNGLR.R	Deamidated: 8
				182 - 191	616.89	48	E.SLKEELICK.Q	Carbamidomethyl: 8
				209 - 220	621.85	50.9	R.LNVEVDAAPTVD. L	
				335 - 344	625.33	35.2	R.QNQEQVLLD.V	
				164 - 173	630.9	43.1	R.RILDELTCK.S	Carbamidomethyl: 9
				241 - 249	633.32	51.7	R.RDVEEWYIR.Q	
				4 - 13	634.39	37	F.NFCLPNLSFR.S	Carbamidomethyl: 3
				47 - 57	644.79	40.4	W.FCEGSFNGNEK.E	Carbamidomethyl: 2
				230 - 240	647.33	94.8	R.AQYEALVETNR.R	
				92 - 102	650.34	50.2	R.SQQQEPLVCPN.Y	Carbamidomethyl: 9
				277 - 293	664.41	75.2	R.RTVNALEVELQAQ HNLR.D	
				203 - 214	672.88	26.9	R.SQLGDRLNVEVD. A	
				295 - 306	682.37	87.7	D.SLENTLTETEAR.Y	
				192 - 202	684.31	67.7	K.QNHEQEVNTLR.S	
				192 - 202	685.77	45.1	K.QNHEQEVNTLR.S	Deamidated: 1, 2, 5
				152 - 163	692.43	27.6	L.RQLVEADLNGLR. R	
				347 - 357	712.86	60.1	R.ARLECEINTYR.G	Carbamidomethyl: 5
				229 - 240	725.38	61.3	T.RAQYEALVETNR. R	
				230 - 241	725.87	27.6	R.AQYEALVETNRR.	Deamidated: 10

							D	
				381 - 393	728.88	34.6	R.PIGPCISNPCVSR. T	Carbamidomethyl: 5, 10
				180 - 191	730.94	75.6	R.VESLKEELICK.Q	Carbamidomethyl: 10
				294 - 306	739.87	99.4	R.DSLENTLTETEAR. Y	
				294 - 306	740.35	93.3	R.DSLENTLTETEAR. Y	Deamidated: 5
				2 - 13	751.88	35.4	M.SFNFCPLNLSFR. S	Carbamidomethyl: 5; Deamidated: 3
				335 - 346	752.93	100.2	R.QNQEQVLLDVR. A	
				335 - 346	753.41	63.1	R.QNQEQVLLDVR. A	Deamidated: 2
				281 - 293	760.89	80.4	N.ALEVELQAQHNL .D	
				209 - 229	773.75	65.9	R.LNVEVDAAPTVDL NHVLNETR.A	
				209 - 229	774.41	48.7	R.LNVEVDAAPTVDL NHVLNETR.A	Deamidated: 2, 14
				215 - 229	825.46	95.9	D.AAPTVDLNHVLNE TR.A	
				307 - 329	888.81	58.8	R.YSQQLNQVQSLIV SVESQLAEIR.S	Carbamidomethyl: 3
				278 - 293	918.01	119.5	R.TVNALEVELQAQH NLR.D	
				278 - 294	975.49	35	R.TVNALEVELQAQH NLRD.S	
				92 - 108	1072.49	72.8	R.SQQQEPLVCPNY QSYFR.T	Carbamidomethyl: 9
K34	gij309323371	46.6	3780.2	240 - 245	366.2	47.5	R.VLNETR.A	
				233 - 239	407.76	34.1	A.PTVDLNR.V	
				339 - 345	408.78	47.1	E.SQLAEIR.S	
				152 - 158	412.22	58.9	K.LASDDFR.T	
				83 - 89	412.26	54	R.LASYLEK.V	
				119 - 124	432.21	35.7	N.YQSYFR.T	
				208 - 218	442.89	45.6	K.KNHEEEANSLR.S	
				96 - 103	474.25	45	R.ENAELESR.I	
				246 - 257	483.93	60.5	R.AQYEALVETNRR. D	
				82 - 89	490.3	48.4	D.RLASYLEK.V	
				125 - 132	494.8	59.2	R.TIEELQQK.I	
				259 - 265	497.74	53.7	D.VEEWYIR.Q	
				143 - 151	507.35	65.2	R.LVIQIDNAK.L	
				143 - 151	507.84	38.5	R.LVIQIDNAK.L	Deamidated: 7
				192 - 200	508.8	49.9	D.LEAQVESLK.E	
				230 - 239	536.28	49.7	V.DAAPTVDLNR.V	
				117 - 124	537.77	51.4	C.PNYQSYFR.T	
				83 - 91	539.84	72.4	R.LASYLEKVR.Q	
				30 - 43	542.94	39.2	R.SSCSSRPCVPSS CR.G	Carbamidomethyl: 3, 8, 13
				181 - 189	552.87	78	R.ILDELTCLK.S	Carbamidomethyl: 8
				258 - 265	555.28	54.7	R.DVEEWYIR.Q	
				231 - 245	557.01	28.9	D.AAPTVDLNRVLNE TR.A	
				365 - 373	562.78	65.1	R.LESEINTYR.G	
				124 - 132	572.83	35	F.RTIEELQQK.I	
				74 - 82	577.32	62.9	K.ETMQFLNDR.L	

				74 - 82	585.29	55.9	K.ETMQFLNDR.L	Oxidation: 3
				365 - 374	591.31	51	R.LESEINTYRG.L	
				224 - 239	594.69	35.8	D.RLNVEVDAAPTVD LNR.V	
				209 - 218	599.79	48.2	K.NHEEEANSLR.S	
				190 - 200	609.83	82	K.SDLEAQVESLK.E	
				198 - 207	616.89	48	E.SLKEELLCLK.K	Carbamidomethyl: 8
				225 - 236	621.85	50.9	R.LNVEVDAAPTVD. L	
				351 - 360	625.33	35.2	R.QNQEYQVLLD.V	
				180 - 189	630.9	43.1	R.RILDELTLCK.S	Carbamidomethyl: 9
				257 - 265	633.32	51.7	R.RDVEEWYIR.Q	
				63 - 73	644.79	40.4	W.FCEGSFNGNEK.E	Carbamidomethyl: 2
				246 - 256	647.33	94.8	R.AQYEALVETNR.R	
				293 - 309	664.41	75.2	R.RTVNALEVELQAQ HNLR.D	
				219 - 230	672.88	26.9	R.SQLGDRLNVEVD. A	
				363 - 373	676.37	77	K.ARLESEINTYR.G	
				311 - 322	682.37	87.7	D.SLENTLTETEAR.Y	
				245 - 256	725.38	61.3	T.RAQYEALVETNR. R	
				246 - 257	725.87	27.6	R.AQYEALVETNRR. D	Deamidated: 10
				196 - 207	730.94	75.6	Q.VESLKEELLCLK.K	Carbamidomethyl: 10
				351 - 362	738.9	25.8	R.QNQEYQVLLDVK. A	
				310 - 322	739.87	99.4	R.DSLENTLTETEAR. Y	
				310 - 322	740.35	93.3	R.DSLENTLTETEAR. Y	Deamidated: 5
				297 - 309	760.89	80.4	N.ALEVELQAQHNL .D	
				219 - 239	761.41	32	R.SQLGDRLNVEVD AAPTVDLNR.V	
				125 - 137	787.49	70.4	R.TIEELQQKILCAK. S	Carbamidomethyl: 11
				225 - 239	813.44	97	R.LNVEVDAAPTVDL NR.V	
				273 - 293	821.77	34	K.QVVSSSEQLQSY QAEIILRR.T	
				190 - 204	851.95	56.1	K.SDLEAQVESLKEE LL.C	
				294 - 309	918.01	119.5	R.TVNALEVELQAQH NLR.D	
				374 - 399	948.08	29.8	R.GLLDSEDSKLPSN PCATTNASSNFCR.S	Carbamidomethyl: 15, 25; Deamidated: 13
				383 - 399	948.89	131.1	K.LPSNPCATTNASS NFCR.S	Carbamidomethyl: 6, 16
				192 - 207	951.56	91.5	D.LEAQVESLKEELL CLK.K	Carbamidomethyl: 14
				294 - 310	975.49	35	R.TVNALEVELQAQH NLRD.S	
				190 - 207	1052.61	101.7	K.SDLEAQVESLKEE LLCLK.K	Carbamidomethyl: 16
				190 - 207	1053.06	61.2	K.SDLEAQVESLKEE LLCLK.K	Carbamidomethyl: 16; Deamidated: 6
				108 - 124	1079.54	90.8	R.SQQQEPLLCPNY QSYFR.T	Carbamidomethyl: 9
K6L	gij999000080	38.5	470.9	38 - 44	414.24	45	K.FASFIDK.V	

Partial								
				47 - 53	453.78	38.1	R.FLEQQNK.V	
				127 - 137	610.87	78	R.TAAENEFVVLK.K	
				193 - 204	665.39	90.1	R.NLDLDSIAEVK.A	
				127 - 138	674.93	76.7	R.TAAENEFVVLKK. D	
				127 - 141	839.42	39.7	R.TAAENEFVVLKKD VD.A	
K75	gij999000081	58.8	465.9	155 - 161	414.24	45	K.FASFIDK.V	
				164 - 170	453.78	38.1	R.FLEQQNK.V	
				242 - 252	597.33	57.3	R.TAAENEFVALK.N	Deamidated: 5
				308 - 319	651.91	98.8	R.SLDLDSIAEVK.A	
				385 - 396	665.27	37.5	A.NLQTAIADAQR. G	
K83	gij312283588	53.9	5586.4	39 - 44	378.16	29.4	R.GISCYR.G	Carbamidomethyl: 4
				122 - 128	406.27	52.8	R.FAAFIDK.V	
				45 - 53	426.23	56.9	R.GLTGGFGSR.S	
				131 - 137	453.78	38.1	R.FLEQQNK.L	
				402 - 413	473.97	42.5	K.LGLDIEIATYRR.L	
				31 - 38	476.27	37.2	C.CITAAPYR.G	Carbamidomethyl: 1
				247 - 253	476.29	55.1	R.LYEEEEIR.V	
				143 - 149	477.29	40.7	K.LQFFQNR.Q	Deamidated: 6
				143 - 149	477.31	52.9	K.LQFFQNR.Q	Deamidated: 2
				304 - 315	478.64	55.7	R.SKCEEIKATVIR.H	Carbamidomethyl: 3
				259 - 267	481.32	73.4	N.ISDTSVIVK.M	
				414 - 421	487.26	77.4	R.LLEGEEQR.L	
				337 - 345	487.77	52.9	R.LTAEVENAK.C	
				385 - 392	497.76	58	K.QDMACLLK.E	Carbamidomethyl: 5; Oxidation: 3
				219 - 226	499.24	48.6	K.DVDCAYVR.K	Carbamidomethyl: 4
				199 - 206	504.8	61.9	K.YEEEVALR.A	
				296 - 303	506.29	45	R.AEAESWYR.S	
				16 - 29	507.9	44.6	R.AFSCVSACGPRP GR.C	Carbamidomethyl: 4, 8
				325 - 332	508.79	37.3	K.EEINELNR.V	
				138 - 149	513	38.9	K.LLETKLQFFQNR. Q	
				285 - 293	519.79	74.7	K.AQYDDIASR.S	
				122 - 130	533.85	68.2	R.FAAFIDKVR.F	
				373 - 382	536.28	87.2	K.LAGLEEALQK.A	
				414 - 422	543.85	48.9	R.LLEGEEQRL.C	
				30 - 38	556.32	53.3	R.CCITAAPYR.G	Carbamidomethyl: 1, 2
				393 - 401	564.29	56	K.EYQEVMSK.L	
				413 - 421	565.32	39.4	R.RLLEGEEQR.L	
				336 - 345	565.82	43.4	Q.RLTAEVENAK.C	
				198 - 206	568.81	71.5	K.KYEEEVALR.A	
				4 - 15	579.8	83.5	C.GFSTVGSFGSR. A	
				323 - 336	581.32	40.2	R.TKEEINELNRVIQR .L	
				383 - 392	589.31	41.6	K.AKQDMACLLK.E	Carbamidomethyl: 7
				207 - 217	596.85	86.2	R.ATAENEFVALK.K	
				383 - 392	597.31	52.2	K.AKQDMACLLK.E	Carbamidomethyl: 7; Oxidation: 5
				207 - 217	597.33	57.3	R.ATAENEFVALK.K	Deamidated: 5

				372 - 382	600.36	88.3	C.KLAGLEELQK.A	
				16 - 26	606.28	77.3	R.AFSCVSACGPR.P	Carbamidomethyl: 4, 8
				306 - 315	609.8	52.9	K.CEEIKATVIR.H	Carbamidomethyl: 1
				170 - 180	611.75	74.5	R.EAECVEADSGR.L	Carbamidomethyl: 4
				426 - 437	617.81	54.2	G.VGAVNVCVSSSR.G	Carbamidomethyl: 7
				323 - 332	623.34	77	R.TKEEINELNR.V	
				323 - 332	623.8	53.4	R.TKEEINELNR.V	Deamidated: 6
				294 - 303	627.79	69.4	R.SRAEAESWYR.S	
				402 - 412	632.4	104.4	K.LGLDIEIATYR.R	
				197 - 206	632.86	61	K.KKYEEEEVALR.A	
				373 - 384	635.9	63.4	K.LAGLEELQKAK.Q	
				425 - 437	646.29	59.3	E.GVGAVNVCVSSSR.G	Carbamidomethyl: 8
				207 - 218	660.86	84.3	R.ATAENEFVALKK.D	
				249 - 253	675.25	25	Y.EEEIR.V	
				97 - 108	700.88	36.4	L.NLEIDPNAQCVK.Q	Carbamidomethyl: 10
				322 - 332	701.34	54.4	R.RTKEEINELNR.V	
				2 - 15	710.31	112.2	M.TCGFSTVSGFGSR.A	Carbamidomethyl: 2
				424 - 437	710.81	48.8	C.EGVGAVNVCVSSSR.G	Carbamidomethyl: 9
				273 - 284	710.89	78.8	R.DLNMDCIVAEIK.A	Carbamidomethyl: 6
				438 - 451	711.84	103.4	R.GGVVCGDLCVSGSR.P	Carbamidomethyl: 5, 9
				273 - 284	718.88	58.2	R.DLNMDCIVAEIK.A	Carbamidomethyl: 6; Oxidation: 4
				228 - 246	740.41	29	K.SDLEANSEALIQEIDFLRR.L	
				254 - 267	743.94	111.1	R.VLQANISDTSVIVK.M	
				254 - 267	744.44	32.9	R.VLQANISDTSVIVK.M	Deamidated: 3
				131 - 142	745.89	59.5	R.FLEQQNKLETK.L	
				373 - 386	757.42	53.6	K.LAGLEELQKAKQD.M	
				207 - 221	825.44	47.4	R.ATAENEFVALKKD.VD.C	
				149 - 168	838.7	71.9	N.RQCCESNLEPLFEGYIETLR.R	Carbamidomethyl: 3, 4
				150 - 169	838.74	35.2	R.QCCESNLEPLFEGYIETLR.R.E	Carbamidomethyl: 2, 3
				422 - 437	847.41	132.1	R.LCEGVGAVNVCVSSSR.G	Carbamidomethyl: 2, 11
				422 - 437	847.92	33.8	R.LCEGVGAVNVCVSSSR.G	Carbamidomethyl: 2, 11; Deamidated: 9
				181 - 196	922.98	100.7	R.LSSELNHVQEVLEGYK.K	
				181 - 196	923.51	35.4	R.LSSELNHVQEVLEGYK.K	Deamidated: 6
				230 - 245	930.97	101.4	D.LEANSEALIQEIDFLR.R	
				230 - 245	931.5	69.4	D.LEANSEALIQEIDFLR.R	Deamidated: 4
				351 - 368	943.97	56.4	K.LEAAVTQAEQQGEVALND.A	Deamidated: 17
				91 - 108	1013.02	82.3	E.SLLTPLNLEIDPNA	Carbamidomethyl:

							QCVK.Q	16
				228 - 245	1032.02	110	K.SDLEANSEALIQEI DFLR.R	
				228 - 245	1032.48	55.8	K.SDLEANSEALIQEI DFLR.R	Deamidated: 12
				228 - 245	1032.5	48.4	K.SDLEANSEALIQEI DFLR.R	Deamidated: 6
				72 - 101	1043.18	27.3	R.SGGVCGPSPPCIT TVSVNESLLTPLNLE ID.P	Carbamidomethyl: 5, 11; Deamidated: 26
				351 - 370	1057	117.5	K.LEAAVTQAEQQG EVALNDAR.C	
				351 - 370	1057.49	58.1	K.LEAAVTQAEQQG EVALNDAR.C	Deamidated: 7
				351 - 370	1057.51	114.8	K.LEAAVTQAEQQG EVALNDAR.C	Deamidated: 17
				227 - 245	1096.02	134.5	R.KSDLEANSEALIQ EIDFLR.R	
				150 - 168	1179.53	86.9	R.QCCESNLEPLFEG YIETLR.R	Carbamidomethyl: 2, 3
				150 - 168	1180.02	79.8	R.QCCESNLEPLFEG YIETLR.R	Carbamidomethyl: 2, 3; Deamidated: 1
K85	gij164652870	56.3	3489.4	70 - 76	448.74	45.6	D.VDCAYLR.K	Carbamidomethyl: 3
				252 - 263	473.97	42.5	K.LGLDIEIATYRR.L	
				109 - 117	481.32	73.4	H.ISDTSVIVK.M	
				264 - 271	487.26	77.4	R.LLEGEEQR.L	
				187 - 195	494.81	52.9	R.LTAEIENAK.C	
				235 - 242	497.76	58	K.QDMACLLK.E	Carbamidomethyl: 5; Oxidation: 3
				49 - 56	504.8	61.9	K.YEEEVALR.A	
				69 - 76	506.28	41.2	K.DVDCAYL.R.K	Carbamidomethyl: 4
				146 - 153	506.29	45	R.AEAESWYR.S	
				175 - 182	508.79	37.3	K.EEINELNR.V	
				135 - 143	519.79	74.7	K.AQYDDIASR.S	
				328 - 337	523.18	59	R.ASSFSCGSSR.S	Carbamidomethyl: 6
				223 - 232	536.28	87.2	K.LAGLEEALQK.A	
				264 - 272	543.85	48.9	R.LLEGEEQRL.C	
				243 - 251	564.29	56	K.EYQEVMSK.L	
				263 - 271	565.32	39.4	R.RLLEGEEQR.L	
				48 - 56	568.81	71.5	K.KYEEEVALR.A	
				68 - 76	570.29	38.8	K.KDVEDCAYL.R.K	Carbamidomethyl: 5
				173 - 186	581.32	40.2	R.TKEEINELNRVIQR .L	
				233 - 242	589.31	41.6	K.AKQDMACLLK.E	Carbamidomethyl: 7
				233 - 242	597.31	52.2	K.AKQDMACLLK.E	Carbamidomethyl: 7; Oxidation: 5
				20 - 30	600.31	28	R.EAEHVEADSGR.L	
				222 - 232	600.36	88.3	S.KLAGLEEALQK.A	
				57 - 67	610.87	78	R.ATAENEFVVLK.K	
				173 - 182	623.34	77	R.TKEEINELNR.V	
				173 - 182	623.8	53.4	R.TKEEINELNR.V	Deamidated: 6
				144 - 153	627.79	69.4	R.SRAEAESWYR.S	
				252 - 262	632.4	104.4	K.LGLDIEIATYR.R	
				47 - 56	632.86	61	K.KYEEEVALR.A	
				223 - 234	635.9	63.4	K.LAGLEEALQKAK. Q	
				221 - 232	643.91	98.3	R.SKLAGLEEALQK. A	

				31 - 47	653.06	54.8	R.LASELNHVQEVLE GYKK.K	
				57 - 68	674.93	76.7	R.ATAENEFVVLKK. D	
				172 - 182	701.34	54.4	R.RTKEEINELNR.V	
				123 - 134	703.88	60.2	R.DLNMDCVVAEIK. A	Carbamidomethyl: 6
				77 - 95	712.4	54.3	R.KSDLEANVEALVE ESNFLK.R	
				274 - 287	718.83	74.6	C.EGVGSVNVCVSS SR.G	Carbamidomethyl: 9
				104 - 117	755.46	72.2	Q.ILNAHISDTSVIVK. M	
				288 - 303	757.34	91.5	R.GGVACGGLTYSS TAGR.Q	Carbamidomethyl: 5
				223 - 236	757.42	53.6	K.LAGLEEALQKAKQ D.M	
				199 - 220	762.39	93.1	R.TKLEAAVAEAEQQ GEAALNDAR.S	
				77 - 96	764.42	102.5	R.KSDLEANVEALVE ESNFLK.R	
				97 - 117	800.75	77	R.LYDEEIQILNAHIS DTSVIVK.M	
				57 - 71	839.42	39.7	R.ATAENEFVVLKKD VD.C	
				272 - 287	855.39	126.5	R.LCEGVGSVNVCV SSSR.G	Carbamidomethyl: 2, 11
				31 - 46	914.96	68.4	R.LASELNHVQEVLE GYK.K	
				78 - 95	1004.03	115.4	K.SDLEANVEALVEE SNFLK.R	
				201 - 220	1028.48	148.2	K.LEAAVAEAEQQG EAALNDAR.S	
				1 - 18	1108.55	38.9	- .CCESNLEPLFNGYI ETLR.R	Carbamidomethyl: 1, 2; Deamidated: 5
				199 - 220	1143.5	76.3	R.TKLEAAVAEAEQQ GEAALNDAR.S	Deamidated: 19
				304 - 327	1191.6	54.1	R.QIASGPVATGCSI TVLAPDSCQPR.A	Carbamidomethyl: 21
KAP7	gij224555962	8.8	152.9	27 - 40	719.4	60.3	R.ATPLNCVVPLGSP L.G	Carbamidomethyl: 6
				4 - 23	822.01	66.5	R.FFCCGSYFPGYP SYGTNFHR.T	Carbamidomethyl: 3, 4
				27 - 43	857.94	26	R.ATPLNCVVPLGSP LGYG.C	Carbamidomethyl: 6
KAP3.2	gij229307	10.3	666	12 - 23	619.26	88.4	R.TGPATTICSSDK.F	Carbamidomethyl: 8
				27 - 37	644.28	59.7	R.CGVCLPSTCPH.N	Carbamidomethyl: 1, 4, 9
				12 - 24	692.84	71.4	R.TGPATTICSSDKF. C	Carbamidomethyl: 8
				27 - 38	701.32	51.4	R.CGVCLPSTCPHN.I	Carbamidomethyl: 1, 4, 9
				85 - 96	729.81	71	F.IQPGCENVCEPR. C	Carbamidomethyl: 5, 9
				12 - 25	772.81	42.2	R.TGPATTICSSDKF C.R	Carbamidomethyl: 8, 14
				12 - 26	850.86	88.1	R.TGPATTICSSDKF CR.C	Carbamidomethyl: 8, 14
				83 - 96	854.37	64.2	T.TFIQPGCENVCEP R.C	Carbamidomethyl: 7, 11; Deamidated: 4
				27 - 42	914.43	36.6	R.CGVCLPSTCPHNI SLL.Q	Carbamidomethyl: 1, 4, 9
				72 - 96	919.76	70.6	H.PTPGLSGINLTTFI	Carbamidomethyl:

							QPGCENVCEPR.C	18, 22
K25	gij57619201	49.3	238	81 - 89	553.83	69.4	K.VTMQNLNDR.L	Oxidation: 3
				269 - 277	555.29	59.8	R.DAEAWFNEK.S	
				90 - 99	568.87	51.8	R.LASYLENVRA.L	Deamidated: 7
KAP1.4		18.9	460.4	98 - 109	546.35	41.7	Y.GQVGSSGAVSSR. T	
				97 - 109	627.88	69.1	D.YGQVGSSGAVSS R.T	
				119 - 132	782.83	37.8	R.VEGTSLPCCVVS C.T	Carbamidomethyl: 9, 10, 14
				100 - 109	906.45	47.6	Q.VGSSGAVSSR.T	
KAP24. 1	gij400531466	27.8	292.4	224 - 236	694.42	40.8	R.SLSSIPSSFPLR. Y	
				17 - 29	727.91	47.5	R.THYYFPVTGSVAL .C	
				171 - 186	866.41	57.5	R.SYQDLGFIPSGFS ASR.Y	
				17 - 32	929.46	105.4	R.THYYFPVTGSVAL CSR.H	Carbamidomethyl: 14
PREDI CTED: desmoc ollin-3	gij426253651	93.7	123.1	282 - 290	553.84	56.6	K.YSILEQTPR.S	
PREDI CTED: desmo glein-4	gij426253981	113.8	477.6	448 - 455	469.27	76.8	R.TGEIQFSR.E	
				1,037 - 1,045	570.25	49.6	R.YSNIHYSQQ.-	
				139 - 149	663.9	25.3	R.GEDLERPLELR.V	
				583 - 593	671.39	66.7	R.ACELPQIIELR.A	Carbamidomethyl: 2
				1,019 - 1,031	675.82	72.5	R.ISQTSSTSPVTSR. H	
				92 - 110	677.41	61.8	R.ISGAGIDRPPYGV FTINPR.T	
				974 - 993	678.98	43.2	R.VVSSPGRPDVSS SSVSDGCR.G	Carbamidomethyl: 19
				123 - 133	712.9	57.7	R.EITPLFLIYCR.A	Carbamidomethyl: 10
PREDI CTED: junction plakogl obin	gij426238025	81.7	407.3	217 - 224	445.83	39.4	R.EGLLAIFK.S	
				116 - 124	499.86	57.6	R.LAEPSSLK.S	
				478 - 487	544.38	39.2	R.LNYGIPAIVK.L	
				664 - 674	618.92	76.7	R.VSVELTNSLFK.H	
				178 - 191	714.44	59.7	R.ALMGSPQLVAAV VR.T	Oxidation: 3
				638 - 651	742.4	76.1	R.NEGTATYAAVLF R.I	
				427 - 444	968.08	39.6	K.TLVTQNSGVEALI HAILR.A	
PREDI CTED: K14- like	gij426238017	48.5	341.8	159 - 165	404.21	58.2	R.LAADDFR.T	
				90 - 96	405.24	58.6	R.LASYLDK.V	
				188 - 196	515.34	54	R.VLDELTLAR.A	
				81 - 89	553.83	69.4	K.VTMQNLNDR.L	Oxidation: 3
				168 - 173	768.34	26.5	K.YETELN.L	
PREDI	gij426238013	43.8	359.2	160 - 166	404.21	58.2	R.LAADDFR.T	

CTED: K19								
				90 - 96	412.26	54	R.LASYLEK.V	
				89 - 96	490.3	48.4	D.RLASYLEK.V	
				189 - 197	515.34	54	R.VLDELTLAR.T	
				90 - 98	539.84	72.4	R.LASYLEKVR.A	
				382 - 392	650.86	29.2	R.NLLEGQDAYYN.D	Deamidated: 6
PREDI CTED: K20	gij426237957	48.3	178.7	81 - 89	553.88	68.6	R.LASYLERVR.S	
PREDI CTED: K39	gij426239024	56.9	563.4	121 - 127	426.25	33.9	R.LANYLEK.V	Deamidated: 3
				163 - 170	494.8	59.2	A.TIEELQQK.I	
				230 - 238	508.8	49.9	D.LEAQVQSLK.E	Deamidated: 6
				236 - 245	616.89	48	Q.SLKEELLCLK.N	Carbamidomethyl: 8
				401 - 411	699.37	29.1	K.SRLECEIATYR.S	Carbamidomethyl: 5
				234 - 245	730.94	75.6	Q.VQSLKEELLCLK.N	Carbamidomethyl: 10; Deamidated: 2
				348 - 360	755.28	36	R.DSQECALTETEAR .Y	Carbamidomethyl: 5
				213 - 227	777.5	61	D.ANGLQQILNALTL GK.A	
				360 - 383	926.13	26	A.RYAALLAQTQCLI DNLEAQLAEIR.G	Carbamidomethyl: 11; Deamidated: 8, 15, 19
				230 - 245	951.56	91.5	D.LEAQVQSLKEELL CLK.N	Carbamidomethyl: 14; Deamidated: 6
				228 - 245	1044.03	29.6	K.ADLEAQVQSLKEE LLCLK.N	Carbamidomethyl: 16
PREDI CTED: K82	gij426224444	56.7	1269.7	129 - 135	414.24	45	R.FASFINK.V	Deamidated: 6
				138 - 144	453.78	38.1	R.FLEQKNK.L	
				409 - 420	473.97	42.5	K.LGLDIEIATYRR.L	
				421 - 428	487.26	77.4	R.LLEGEEQR.L	
				392 - 399	497.76	58	K.QDMACLK.E	Carbamidomethyl: 5; Oxidation: 3
				380 - 389	536.28	87.2	K.LAGLEEALQK.A	
				292 - 300	540.28	28.3	K.AQYDEIANR.S	
				421 - 429	543.85	48.9	R.LLEGEEQRL.C	
				400 - 408	564.29	56	K.EYQEVMSK.L	
				420 - 428	565.32	39.4	R.RLLEGEEQR.L	
				390 - 399	589.31	41.6	K.AKQDMACLK.E	Carbamidomethyl: 7
				390 - 399	597.31	52.2	K.AKQDMACLK.E	Carbamidomethyl: 7; Oxidation: 5
				379 - 389	600.36	88.3	C.KLAGLEEALQK.A	
				16 - 26	605.81	50.1	R.SFSSCSAVLPR.V	Carbamidomethyl: 5
				409 - 419	632.4	104.4	K.LGLDIEIATYR.R	
				380 - 391	635.9	63.4	K.LAGLEEALQKAK. Q	
				380 - 393	757.42	53.6	K.LAGLEEALQKAKQ D.M	
PREDI CTED: K84	gij426224440	64.1	451	168 - 174	414.24	45	K.FASFIDK.V	
				177 - 183	453.78	38.1	R.FLEQQNK.L	
				244 - 253	597.32	36.9	K.KYEEVGLRA.S	
				530 - 542	629.86	71.2	R.VGGGDLGVC R.G	Carbamidomethyl: 12

				448 - 458	639.39	77.7	K.LALDIEIATYR.R	
				177 - 188	745.89	59.5	R.FLEQQNKLETK. W	
PREDI CTED: K85- like	gil426226634	56.3	1455.2	149 - 155	406.27	52.8	R.FAAFIDK.V	
				158 - 164	453.78	38.1	R.FLEQQNK.L	
				170 - 176	484.75	45.1	K.LQFYQNR.Q	
				170 - 176	485.29	41.2	K.LQFYQNR.Q	Deamidated: 6
				364 - 372	487.77	52.9	R.LTAEVENAK.Q	
				406 - 413	497.76	58	K.QDMACLLK.E	Carbamidomethyl: 5; Oxidation: 3
				352 - 359	508.79	37.3	K.EEINELNR.V	
				149 - 157	533.85	68.2	R.FAAFIDKVR.F	
				394 - 403	550.37	75.7	K.LVGLLEEALQK.A	
				414 - 422	564.29	56	K.EYQEVMSK.L	
				363 - 372	565.82	43.4	Q.RLTAEVENAK.Q	
				350 - 363	581.32	40.2	R.TKEEINELNRVIQR .L	
				404 - 413	589.31	41.6	K.AKQDMACLLK.E	Carbamidomethyl: 7
				81 - 90	596.33	47.1	R.ISVSYAWPLR.G	
				404 - 413	597.31	52.2	K.AKQDMACLLK.E	Carbamidomethyl: 7; Oxidation: 5
				393 - 403	614.36	48.3	C.KLVGLLEEALQK.A	
				350 - 359	623.34	77	R.TKEEINELNR.V	
				350 - 359	623.8	53.4	R.TKEEINELNR.V	Deamidated: 6
				197 - 207	627.74	42.5	R.EAECMEADSGR.L	Carbamidomethyl: 4
				338 - 348	645.82	42.7	K.VMVTQQGENLR.R	Oxidation: 2
				349 - 359	701.34	54.4	R.RTKEEINELNR.V	
				158 - 169	745.89	59.5	R.FLEQQNKLETK.L	
				165 - 176	776.94	66.3	K.LLETKLQFYQNR. Q	
				457 - 472	801.91	66.2	R.SQGGVICGDLGST VPR.G	Carbamidomethyl: 7
				158 - 176	814.79	33.6	R.FLEQQNKLETKL QFYQNR.Q	Deamidated: 4, 6
				178 - 195	1108.55	38.9	Q.CCESNLEPLFNGY IETLR.R	Carbamidomethyl: 1, 2; Deamidated: 5
PREDI CTED: K1b	gil426224420	60.9	348	183 - 189	414.24	45	K.FASFIDK.V	
				192 - 198	453.78	38.1	R.FLEQQNQ.V	
				369 - 378	589.83	43.9	K.YQELQITAGR.H	
				369 - 378	590.35	51.5	K.YQELQITAGR.H	Deamidated: 2
				192 - 203	738.38	84.2	R.FLEQQNQVLQTK. W	
PREDI CTED: K7	gil426224448	50.3	541.4	90 - 96	414.24	45	K.FASFIDK.V	
				99 - 105	453.78	38.1	R.FLEQQNK.L	
				176 - 186	610.87	78	R.TAAENEFVVLK.K	
				371 - 381	639.39	77.7	K.LALDIEIATYR.K	
				176 - 187	674.93	76.7	R.TAAENEFVVLK. D	
				99 - 110	745.89	59.5	R.FLEQQNKLETK. W	
				176 - 190	839.42	39.7	R.TAAENEFVVLK. VD.V	

PREDICTED: KAP10- 8-like	gij426218385	29.5	150.1	59 - 68	567.35	46.5	R.LTLLCAPVSC.E	Carbamidomethyl: 5, 10
				59 - 68	567.35	46.5	R.LTLLCAPVSC.E	Carbamidomethyl: 5, 10
				175 - 186	687.37	69.4	R.PASCLSLCQPK. C	Carbamidomethyl: 4, 9
				271 - 284	774.89	85.8	R.LACGIPTSAPELC C.-	Carbamidomethyl: 3, 13, 14
PREDICTED: KAP12- 2-like	gij426219523	10.1	156.1	40 - 53	775.87	67.1	R.PAVYVTPSCQSSV R.L	Carbamidomethyl: 9
				40 - 53	776.37	58.2	R.PAVYVTPSCQSSV R.L	Carbamidomethyl: 9; Deamidated: 10
PREDICTED: KAP13- 1-like	gij426217167	17.5	631.6	142 - 148	421.23	41	R.PTFSSR.S	
				137 - 143	429.25	42.4	R.SSFYRPT.F	
				14 - 20	434.75	36	R.SLQDHLR.Y	
				34 - 40	434.75	36	R.SLQDHLR.T	
				137 - 144	502.81	41.7	R.SSFYRPTF.F	
				137 - 145	576.35	49.5	R.SSFYRPTFF.S	
				116 - 127	601.23	52.8	R.SSSCSSLSSGSR. S	Carbamidomethyl: 4
				126 - 136	634.84	36.7	H.SPNIFSSLSCR.S	Carbamidomethyl: 10; Deamidated: 3
				64 - 80	676.34	44.9	R.TQTVSSPCQTS CYRPR.T	Carbamidomethyl: 9, 13
				64 - 80	676.66	41.8	R.TQTVSSPCQTS CYRPR.T	Carbamidomethyl: 9, 13; Deamidated: 10
				64 - 80	676.98	27.5	R.TQTVSSPCQTS CYRPR.T	Carbamidomethyl: 9, 13; Deamidated: 2, 10
				149 - 164	861.91	76.7	R.SGQSLSFQPTCG SGFY.-	Carbamidomethyl: 11
				149 - 164	862.41	83.6	R.SGQSLSFQPTCG SGFY.-	Carbamidomethyl: 11; Deamidated: 3
				168 - 183	964.4	43	R.SCPSSCYRPTCG SVFY.-	Carbamidomethyl: 2, 6, 11
				38 - 63	1012.74	51.5	S.TDLCSPSSCQLGS SLYSQETCCEPIR.T	Carbamidomethyl: 4, 9, 21, 22; Deamidated: 10
				54 - 79	1012.74	51.5	S.TDLCSPSSCQLGS SLYSQETCCEPIR.T	Carbamidomethyl: 4, 9, 21, 22; Deamidated: 10
				142 - 160	1017.47	61.9	R.LGYGICGFPVLSS GSGFCR.P	Carbamidomethyl: 6, 18
				97 - 115	1054.48	99.2	R.TSTFSSPCQTTFP GSLAYR.S	Carbamidomethyl: 8
				97 - 115	1054.97	96.4	R.TSTFSSPCQTTFP GSLAYR.S	Carbamidomethyl: 8; Deamidated: 9
PREDICTED: KAP16- 1-like	gij426239028	82.3	517.2	27 - 36	566.78	39.4	R.GPVCLPSSCR.S	Carbamidomethyl: 4, 9
				626 - 635	604.8	57.2	R.SISCEPLSCR.P	Carbamidomethyl: 4, 9
				689 - 698	614.37	42.5	R.QPYLTSISYR.P	
				21 - 36	622.28	30.6	S.TEVSCRGPVCLPS SCR.S	Carbamidomethyl: 5, 10, 15

				555 - 565	666.4	36.2	R.VSLVCEPICVR.P	Carbamidomethyl: 5, 9
				10 - 26	961.93	93	K.CPSVPAISLCSTE VSCR.G	Carbamidomethyl: 1, 10, 16
				422 - 441	1115.99	108.8	E.ATICEPSCSVSSC AQPVSUK.A	Carbamidomethyl: 4, 8, 13
PREDI CTED: KAP4- 7-like	gil426237983	19.6	367.9	176 - 184	563.71	61.9	R.PVCCPSSCC.-	Carbamidomethyl: 3, 4, 8, 9
				18 - 26	607.25	49.8	R.SLCQETCCR.P	Carbamidomethyl: 3, 7, 8
				18 - 28	699.25	47.5	R.SLCQETCCRPS.C	Carbamidomethyl: 3, 7, 8
				37 - 49	767.8	56.1	R.TTCYRPSCGVSS C.C	Carbamidomethyl: 3, 8, 13
				18 - 36	842.27	32.7	R.SLCQETCCRPS CQTCCR.T	Carbamidomethyl: 3, 7, 8, 12, 13, 17, 18; Deamidated: 14
				117 - 129	849.81	82.4	R.CCQSVCCQPSCP R.I	Carbamidomethyl: 1, 2, 6, 7, 11
				117 - 129	850.31	37.4	R.CCQSVCCQPSCP R.I	Carbamidomethyl: 1, 2, 6, 7, 11; Deamidated: 3
PREDI CTED: KAP4- 7-like isoform 2	gil426237987	20.4	374.8	186 - 194	563.71	61.9	R.PVCCPSSCC.-	Carbamidomethyl: 3, 4, 8, 9
				18 - 26	607.25	49.8	R.SLCQETCCR.P	Carbamidomethyl: 3, 7, 8
				101 - 110	671.19	68	Q.PVCCQTTCCR.T	Carbamidomethyl: 3, 4, 8, 9
				101 - 110	671.75	58.7	Q.PVCCQTTCCR.T	Carbamidomethyl: 3, 4, 8, 9; Deamidated: 5
				18 - 28	699.25	47.5	R.SLCQETCCRPS.C	Carbamidomethyl: 3, 7, 8
				37 - 49	767.8	56.1	R.TTCYRPSCGVSS C.C	Carbamidomethyl: 3, 8, 13
				18 - 36	842.27	32.7	R.SLCQETCCRPS CQTCCR.T	Carbamidomethyl: 3, 7, 8, 12, 13, 17, 18; Deamidated: 14
KAP3.4	gil125662	10.5	349.3	27 - 37	644.28	59.7	R.CGVCLPSTCPH.T	Carbamidomethyl: 1, 4, 9
				9 - 23	775.85	89	C.SVPTSPATTICSS DK.F	Carbamidomethyl: 11
				6 - 23	992.42	69.7	R.LCCSVPTSPATTI CSSDK.F	Carbamidomethyl: 2, 3, 14
				6 - 24	1065.96	71.5	R.LCCSVPTSPATTI CSSDKF.C	Carbamidomethyl: 2, 3, 14
				27 - 45	1130.51	36.9	R.CGVCLPSTCPHTV WFLQPT.C	Carbamidomethyl: 1, 4, 9
KAP2.3	gil125644	14.2	735.3	58 - 63	403.68	39.6	R.RPVCCD.P	Carbamidomethyl: 4, 5
				41 - 47	408.26	51.1	R.PVTFVPR.C	
				51 - 57	466.24	38.6	R.PICEPCR.R	Carbamidomethyl: 3, 6
				124 - 131	514.76	34	R.TFRTSPCC.-	Carbamidomethyl: 7, 8
				58 - 65	532.25	51	R.RPVCCDPC.S	Carbamidomethyl: 4, 5, 8
				58 - 67	632.28	50.3	R.RPVCCDPCSL.Q	Carbamidomethyl: 4, 5, 8

				48 - 57	674.77	32.7	R.CTRPICEPCR.R	Carbamidomethyl: 1, 6, 9
				58 - 73	685.26	65.6	R.RPVCCDPCSLQE GCCR.P	Carbamidomethyl: 4, 5, 8, 14, 15
				10 - 22	689.8	36.9	F.SSLSCGGGCLQP R.Y	Carbamidomethyl: 5, 9
				58 - 68	696.28	37.6	R.RPVCCDPCSLQ.E	Carbamidomethyl: 4, 5, 8
				9 - 22	763.34	39.8	T.FSSLSCGGGCLQ PR.Y	Carbamidomethyl: 6, 10
				1 - 22	782.68	58	- .TGSCCGPTFSSLSC GGGCLQPR.Y	Carbamidomethyl: 4, 5, 14, 18
				58 - 70	789.3	34	R.RPVCCDPCSLQE G.C	Carbamidomethyl: 4, 5, 8
				58 - 77	842.32	52.5	R.RPVCCDPCSLQE GCCRPITC.C	Carbamidomethyl: 4, 5, 8, 14, 15, 20
				5 - 22	970.93	94	C.CGPTFSSLSCGG GCLQPR.Y	Carbamidomethyl: 1, 10, 14
K81 Partial	gij125115	12.7	1967	74 - 80	448.74	45.6	D.VDCAYLR.K	Carbamidomethyl: 3
				101 - 107	476.29	55.1	R.LYEEEEIR.V	
				53 - 60	504.8	61.9	R.YEEEVALR.A	
				73 - 80	506.28	41.2	K.DVDCAYLR.K	Carbamidomethyl: 4
				72 - 80	570.29	38.8	K.KDVDCAYLR.K	Carbamidomethyl: 5
				52 - 60	582.83	61.5	R.RYEEEVALR.A	
				61 - 71	596.85	86.2	R.ATAENEFVALK.K	
				61 - 71	597.33	57.3	R.ATAENEFVALK.K	Deamidated: 5
				24 - 34	597.73	82.5	R.EAECAEADSGR.L	Carbamidomethyl: 4
				90 - 99	603.4	48.5	E.ALIQETDFLR.R	
				61 - 72	660.86	84.3	R.ATAENEFVALKK. D	
				103 - 107	675.25	25	Y.EEEIR.V	
				82 - 100	740.42	30.1	K.SDLEANVEALIQE TDFLR.L	
				81 - 100	783.08	42.9	R.KSDLEANVEALIQ ETDFLR.L	
				3 - 22	825.07	35.4	N.RQCCESNLEPLFS GYIETLR.R	Carbamidomethyl: 3, 4; Deamidated: 2
				61 - 75	825.44	47.4	R.ATAENEFVALKKD VD.C	
				8 - 22	869.98	56.4	E.SNLEPLFSGYIETL R.R	
				35 - 50	904.98	119.8	R.LSSELNSLQEVLE GYK.R	
				35 - 50	905.46	84.4	R.LSSELNSLQEVLE GYK.R	Deamidated: 6
				35 - 50	905.97	33.2	R.LSSELNSLQEVLE GYK.R	Deamidated: 6, 9
				84 - 99	931	120.1	D.LEANVEALIQETD FLR.R	
				35 - 51	983.44	70.4	R.LSSELNSLQEVLE GYKR.R	Deamidated: 6
				82 - 99	1032.01	114.9	K.SDLEANVEALIQE TDFLR.R	
				82 - 99	1032.55	73.3	K.SDLEANVEALIQE TDFLR.R	Deamidated: 12
				82 - 99	1032.58	69.8	K.SDLEANVEALIQE TDFLR.R	Deamidated: 6
				81 - 99	1096.05	175.6	R.KSDLEANVEALIQ ETDFLR.R	
				4 - 22	1158.51	102.2	R.QCCESNLEPLFSG YIETLR.R	Carbamidomethyl: 2, 3

