

**Supplementary Table 2. Proteins and peptides identified in Urea/thourea extract Fraction 2.**

Protein	Accession	Mol Wgt (kDa)	Protein Score	Range	m/z meas.	Peptide score	Sequence	Modifications
KAP 6.3	gij284080746	7.6	301.4	36 - 50	566.24	83.5	R.RLGCGYGSCYGS SGFR.R	Carbamidomethyl: 4, 9
				37 - 51	566.29	25.3	R.LGCGYGSCYGS GFRR.L	Carbamidomethyl: 3, 8
				36 - 51	618.27	42.4	R.RLGCGYGSCYGS SGFR.L	Carbamidomethyl: 4, 9
				52 - 63	642.24	50.8	R.LGCGYGCGYGY G.C	Carbamidomethyl: 3, 7
				37 - 50	770.8	81.4	R.LGCGYGSCYGS GFR.R	Carbamidomethyl: 3, 8
K86-like	gij312283584	53.2	7076.7	34 - 39	378.17	30.9	R.GISCYR.G	Carbamidomethyl: 4
				117 - 123	406.2	52.8	R.FAAFIDK.V	
				40 - 48	426.21	57.8	R.GLTGGFGSR.S	
				476 - 484	445.73	98.3	R.VGGSILGCK.K	Carbamidomethyl: 8
				126 - 132	453.75	35.3	R.FLEQQNK.L	
				397 - 408	473.93	60.9	K.LGLDIEIATYRR.L	
				242 - 248	476.25	53.8	R.LYEEEIR.V	
				138 - 144	484.78	49.4	K.LQFYQNR.Q	
				138 - 144	485.29	39.8	K.LQFYQNR.Q	Deamidated: 6
				409 - 416	487.22	73.6	R.LLEGEEQR.L	
				332 - 340	487.78	54.2	R.LTAEVENAK.C	
				112 - 123	490.26	48.4	K.CLNNRFAAFIDK. V	Carbamidomethyl: 1
				289 - 300	490.58	47.6	R.SRAEAEWYRS K.C	
				328 - 340	490.94	57.7	R.VIQLTAEVENA K.C	
				39 - 48	504.24	30.1	Y.RGLTGGFGSR.S	
				320 - 331	504.93	31.9	K.EEINELNRVIQR. L	
				291 - 298	506.22	60.9	R.AEAEWYR.S	
				214 - 221	506.24	47.7	K.DVDCAYLR.K	Carbamidomethyl: 4
				11 - 24	507.88	42.1	P.AFSCVSACGPR PGR.C	Carbamidomethyl: 4, 8
				320 - 327	508.75	40.7	K.EEINELNR.V	
476 - 485	509.76	44.8	R.VGGSILGCKK.C	Carbamidomethyl: 8				
194 - 201	511.78	62.3	R.YEEEIALR.A					
280 - 288	524.25	73.7	K.AHYDDIASR.S					
34 - 48	529.94	37.5	R.GISCYRGLTGGF GSR.S	Carbamidomethyl: 4				
117 - 125	533.78	70	R.FAAFIDKVR.F					
368 - 377	536.29	87.2	K.LAGLEEALQK.A					
409 - 417	543.8	53.2	R.LLEGEEQRL.C					
241 - 248	554.32	49.9	R.RLYEEEIR.V					
25 - 33	556.29	67.9	R.CCITAAPYR.G	Carbamidomethyl: 1, 2				
388 - 396	564.25	51.7	K.EYQEVMSK.L					
408 - 416	565.27	54.6	R.RLLEGEEQR.L					
214 - 222	570.28	47.7	K.DVDCAYLRK.S	Carbamidomethyl: 4				

				213 - 221	570.31	68.3	K.KDVDCAYLR.K	Carbamidomethyl: 5
				112 - 125	575.66	44.3	K.CLNNRFAAFIDK VR.F	Carbamidomethyl: 1; Deamidated: 3
				318 - 331	581.36	57.6	R.TKEEINELNRVIQ R.L	
				318 - 331	581.67	50	R.TKEEINELNRVIQ R.L	Deamidated: 6
				124 - 137	582.65	27.6	K.VRFLEQQNKLLE TK.L	
				378 - 387	589.31	71.3	K.AKQDMACLLK.E	Carbamidomethyl: 7
				193 - 201	589.81	64.6	K.RYEEIIALR.A	
				202 - 212	596.83	83.1	R.ATAENEFVALK. K	
				8 - 24	596.94	62	R.AVPAFSCVSAC GPRPGR.C	Carbamidomethyl: 7, 11
				165 - 175	597.72	89.2	R.EAECAEADSGR. L	Carbamidomethyl: 4
				367 - 377	600.38	84.8	C.KLAGLEEALQK. A	
				263 - 272	605.76	41.2	K.MDNSRDNLMD. N	
				301 - 310	609.86	73.6	K.CEEIKATVIR.H	Carbamidomethyl: 1
				97 - 111	610.3	58.1	D.PNAQCVKQEEK EQIK.C	Carbamidomethyl: 5
				332 - 347	612.01	40.4	R.LTAEVENAKCQ NSKLE.A	Carbamidomethyl: 10
				291 - 300	613.77	54.7	R.AEAESWYRSK.C	
				25 - 39	616.6	35	R.CCITAAPYRGIS CYR.G	Carbamidomethyl: 1, 2, 13
				408 - 417	621.87	37.2	R.RLLEGEEQRL.C	
				318 - 327	623.33	85.6	R.TKEEINELNR.V	
				289 - 298	627.84	69.5	R.SRAEAESWYR.S	
				269 - 279	630.41	98	D.LNMDNIVAEIK.A	
				397 - 407	632.39	96.6	K.LGLDIEIATYR.R	
				24 - 33	634.25	35.1	G.RCCITAAPYR.G	Carbamidomethyl: 2, 3
				368 - 379	635.89	76.4	K.LAGLEEALQKAK .Q	
				93 - 103	643.84	65	N.LEIDPNAQCVK. Q	Carbamidomethyl: 9
				263 - 279	660.35	40.9	K.MDNSRDNLMDN IVAEIK.A	Deamidated: 3
				202 - 213	660.82	87.3	R.ATAENEFVALKK .D	
				263 - 279	665.31	51.1	K.MDNSRDNLMDN IVAEIK.A	Oxidation: 9
				366 - 377	680.42	93.2	K.CKLAGLEEALQK .A	Carbamidomethyl: 1
				49 - 61	685.77	33.5	R.SVCGGFRAGSC GR.S	Carbamidomethyl: 3, 11
				268 - 279	687.88	92	R.DLNMDNIVAEIK. A	
				268 - 279	695.88	77.7	R.DLNMDNIVAEIK. A	Oxidation: 4
				380 - 396	696.37	30.4	K.QDMACLLKEYQ EVMNSK.L	Carbamidomethyl: 5
				268 - 279	696.88	37.9	R.DLNMDNIVAEIK. A	Oxidation: 4; Deamidated: 3, 6
				175 - 192	698.4	43.3	G.RLSSELNSLQEV LEGYKK.R	

				176 - 193	698.41	30.3	R.LSSELNSLQEVLEGYKKR.Y	
				317 - 327	701.36	63.2	R.RTKKEEINELNR.V	
				299 - 310	717.35	80.3	R.SKCEEIKATVIR.H	Carbamidomethyl: 3
				126 - 137	745.9	62.8	R.FLEQQNKLLETK.L	
				126 - 137	746.4	57.5	R.FLEQQNKLLETK.L	Deamidated: 6
				368 - 387	749.43	37.7	K.LAGLEEALQKAKQDMACLLK.E	Carbamidomethyl: 17; Oxidation: 15
				249 - 262	755.5	79.2	R.VLQAHISDTSVIVK.M	
				280 - 298	761.65	38	K.AHYDDIASRSRAEAESWYR.S	
				378 - 396	762.68	55.4	K.AKQDMACLLKEYQEVMSK.L	Carbamidomethyl: 7
				35 - 48	765.81	40.4	G.ISCYRGLTGGFGSR.S	Carbamidomethyl: 3
				378 - 396	768.04	42.5	K.AKQDMACLLKEYQEVMSK.L	Carbamidomethyl: 7; Oxidation: 16
				378 - 396	773.37	34.6	K.AKQDMACLLKEYQEVMSK.L	Carbamidomethyl: 7; Oxidation: 5, 16
				133 - 144	776.94	80.9	K.LLETKLQFYQNR.Q	
				222 - 241	783.12	70.8	R.KSDLEANVEALIQETDFLRR.L	
				332 - 345	796.4	89	R.LTAEVENAKCQNSK.L	Carbamidomethyl: 10
				332 - 345	796.84	46.1	R.LTAEVENAKCQNSK.L	Carbamidomethyl: 10; Deamidated: 7
				268 - 288	801.74	68.2	R.DLNMDNIVAEIKAHYDDIASR.S	
				268 - 288	807.43	50.1	R.DLNMDNIVAEIKAHYDDIASR.S	Oxidation: 4; Deamidated: 3
				126 - 144	814.09	71	R.FLEQQNKLLETKLQFYQNR.Q	
				242 - 262	814.79	54.3	R.LYEEEIRVLQAHISDTSVIVK.M	
				145 - 164	824.77	39.8	R.QCCESNLEPLFSGYIETLRR.E	Carbamidomethyl: 2, 3
				417 - 432	847.39	132.1	R.LCEGVGAVNVCVSSSR.G	Carbamidomethyl: 2, 11
				417 - 432	847.96	34.7	R.LCEGVGAVNVCVSSSR.G	Carbamidomethyl: 2, 11; Deamidated: 9
				341 - 365	877.74	72.1	K.CQNSKLEAAVTQAEQQGEAALADAK.C	Carbamidomethyl: 1
				409 - 432	883.4	57.5	R.LLEGEEQRLCEGVGAVNVCVSSSR.G	Carbamidomethyl: 10, 19
				176 - 191	904.97	119.6	R.LSSELNSLQEVLEGYK.K	
				176 - 191	905.49	89	R.LSSELNSLQEVLEGYK.K	Deamidated: 6
				176 - 191	905.95	36	R.LSSELNSLQEVLEGYK.K	Deamidated: 6, 9
				67 - 85	915.95	64.9	R.SGGVGGLSPPCITTVSVNE.S	Carbamidomethyl: 11
				176 - 192	968.98	75.6	R.LSSELNSLQEVLEGYKK.R	
				176 - 192	969.53	40.3	R.LSSELNSLQEVLEGYKK.R	Deamidated: 6
				263 - 279	989.45	103.2	K.MDNSRDLNMDN	

							IVAEIK.A	
				165 - 191	995.45	47.7	R.EAECADSGR LSSELNSLQEVLE GYK.K	Carbamidomethyl: 4
				263 - 288	1003.43	48.3	K.MDNSRDNLMDN IVAEIKAHYDDIAS R.S	Deamidated: 3, 8
				346 - 365	1007.52	138.6	K.LEAAVTQAEQQ GEAALADAK.C	
				86 - 103	1013.02	82.8	E.SLLTPLNLEIDPN AQCVK.Q	Carbamidomethyl: 16
				223 - 240	1032.05	125.8	K.SDLEANVEALIQ ETDFLR.R	
				222 - 240	1096.03	175.5	R.KSDLEANVEALI QETDFLR.R	
				67 - 100	1150.89	50.1	R.SGGVGGLSPPCI TTVSVNESLLTPLN LEIDPNAQ.C	Carbamidomethyl: 11; Deamidated: 26
				145 - 163	1158.61	94.5	R.QCCESNLEPLFS GYIETLR.R	Carbamidomethyl: 2, 3
K31 var1	gij999000013	46.6	6997.1	223 - 228	366.16	42.1	R.VLNETR.A	
				135 - 141	404.2	53.7	K.LAADDFR.T	
				66 - 72	412.24	59	R.LASYLEK.V	
				6 - 12	423.76	45.2	C.LPNLSFR.S	
				191 - 201	443.2	38.7	K.SNHEEEVNTLR. S	
				202 - 209	451.77	30.7	R.SQLGDRLN.V	
				184 - 190	452.73	35.1	K.EELICKL.S	Carbamidomethyl: 5
				152 - 163	467.6	48.4	R.QLVESDINGLRR .I	Deamidated: 8
				79 - 86	474.21	51.3	R.ENAELESR.I	
				229 - 240	483.91	67.4	R.AQYEALVETNR R.D	
				229 - 240	484.26	49	R.AQYEALVETNR R.D	Deamidated: 2
				79 - 90	486.94	40.3	R.ENAELESRILER. S	
				144 - 151	490.76	56.6	K.YETELGLR.Q	
				108 - 115	494.74	62.4	R.TIEELQQK.I	
				126 - 134	500.33	72.4	R.LVVQIDNAK.L	
				126 - 134	500.83	65.2	R.LVVQIDNAK.L	Deamidated: 7
				338 - 345	503.35	38.9	E.YQVLLDVR.A	
				5 - 12	503.8	37	F.CLPNLSFR.S	Carbamidomethyl: 1
				58 - 65	512.78	29.9	E.TMQFLNDR.L	
				135 - 143	518.76	41.7	K.LAADDFRTK.Y	
				357 - 365	518.78	43.6	R.GLLDSEDCK.L	Carbamidomethyl: 8
				58 - 65	520.79	47.5	E.TMQFLNDR.L	Oxidation: 2
				100 - 107	537.81	50.6	C.PNYQSYFR.T	
				66 - 74	539.83	76.2	R.LASYLEKVR.Q	
				164 - 172	552.85	78.5	R.ILDELTLCK.S	Carbamidomethyl: 8
				241 - 248	555.25	54.6	R.DVEEWYIR.Q	
				404 - 412	556.74	73.2	R.CGPCNSYVR.-	Carbamidomethyl: 1, 4
				404 - 412	557.21	73.1	R.CGPCNSYVR.-	Carbamidomethyl: 1, 4; Deamidated: 5
				193 - 201	563.79	37	N.HEEEEVNTLR.S	

				202 - 211	565.83	75.5	R.SQLGDRLNVE.V	
				107 - 115	572.81	46.6	F.RTIEELQQK.I	
				73 - 86	577.27	32.6	K.VRQLERENAELE SR.I	Deamidated: 3
				57 - 65	577.29	63.1	K.ETMQFLNDR.L	
				4 - 12	577.34	55.1	N.FCLPNLSFR.S	Carbamidomethyl: 2
				57 - 65	577.79	43.9	K.ETMQFLNDR.L	Deamidated: 4
				334 - 347	577.99	52.9	R.QNQEYQVLLDV RAR.L	
				57 - 65	585.22	58.7	K.ETMQFLNDR.L	Oxidation: 3
				348 - 356	599.3	75.6	R.LECEINTYR.G	Carbamidomethyl: 3
				142 - 151	605.32	68.6	R.TKYETELGLR.Q	
				173 - 183	609.87	97.6	K.SDLEAQVESLK. E	
				181 - 190	616.9	40.9	E.SLKEELICK.S	Carbamidomethyl: 8
				163 - 172	630.91	40.3	R.RILDELTLCK.S	Carbamidomethyl: 9
				240 - 248	633.28	53.4	R.RDVEEWYIR.Q	
				3 - 12	634.36	38.7	F.NFCLPNLSFR.S	Carbamidomethyl: 3
				3 - 12	634.85	38.4	F.NFCLPNLSFR.S	Carbamidomethyl: 3; Deamidated: 1
				46 - 56	644.8	56.8	W.FCEGSFNGNEK .E	Carbamidomethyl: 2
				229 - 239	647.36	88.2	R.AQYEALVETNR. R	
				91 - 101	650.33	45.9	R.SQQQEPLVCPN. Y	Carbamidomethyl: 9
				276 - 292	664.4	59.1	R.RTVNALEVELQA QHNL.R.D	
				135 - 151	666.7	42	K.LAADDFRTKYET ELGLR.Q	
				223 - 239	669.35	64.4	R.VLNETRAQYEAL VETNR.R	
				126 - 143	673.05	61.3	R.LVVQIDNAKLAA DDFRTK.Y	
				402 - 412	678.25	62.2	R.SRCGPCNSYVR. -	Carbamidomethyl: 3, 6
				294 - 305	682.31	85.3	D.SLENTLTETEAR. Y	
				329 - 345	692.39	42.7	R.GDLERQSQEYQ VLLDVR.A	
				152 - 163	700.36	44.8	R.QLVESDINGLRR .I	
				151 - 162	700.85	44	L.RQLVESDINGLR. R	Deamidated: 9
				55 - 65	705.85	53.4	N.EKETMQFLNDR. L	
				108 - 125	711.05	64.2	R.TIEELQQKILCAK SENAR.L	Carbamidomethyl: 11
				346 - 356	712.84	60.4	R.ARLECEINTYR. G	Carbamidomethyl: 5
				223 - 240	721.39	41.2	R.VLNETRAQYEAL VETNRR.D	
				228 - 239	725.38	63.2	T.RAQYEALVETNR .R	
				229 - 240	725.86	35.9	R.AQYEALVETNR R.D	Deamidated: 10
				179 - 190	730.94	73.1	Q.VESLKEELICK. S	Carbamidomethyl: 10

				75 - 86	737.36	53.4	R.QLERENAELES R.I	
				75 - 86	737.8	57.7	R.QLERENAELES R.I	Deamidated: 1
				57 - 74	738.4	85.8	K.ETMQFLNDRLA SYLEKVR.Q	
				293 - 305	739.86	110.7	R.DSLENTLTETEA R.Y	
				293 - 305	740.35	84.4	R.DSLENTLTETEA R.Y	Deamidated: 5
				57 - 74	743.73	32.9	K.ETMQFLNDRLA SYLEKVR.Q	Oxidation: 3
				1 - 12	751.34	76.6	- .SFNFCLPNLSFR. S	Carbamidomethyl: 5
				1 - 12	751.91	54.9	- .SFNFCLPNLSFR. S	Carbamidomethyl: 5; Deamidated: 3
				334 - 345	752.95	94.4	R.QNQEYQVLLDV R.A	
				334 - 345	753.42	40.6	R.QNQEYQVLLDV R.A	Deamidated: 3
				280 - 292	760.93	66.3	N.ALEVELQAQHNL R.D	
				202 - 222	761.77	25.3	R.SQLGDRLNVEV DAAPTVDLNR.V	Deamidated: 2
				121 - 134	778.89	64.5	K.SENARLVVQIDN AK.L	
				208 - 228	780.07	46.8	R.LNVEVDAAPTVD LNRVLNETR.A	
				108 - 120	787.45	73.6	R.TIEELQQKILCAK .S	Carbamidomethyl: 11
				53 - 65	791.34	57.9	N.GNEKETMQFLN DR.L	
				380 - 401	805.07	56.2	K.TITPCISSPCAPA APCTPCVPR.S	Carbamidomethyl: 5, 10, 16, 19
				142 - 162	812.1	30.8	R.TKYETELGLRQL VEDINGLR.R	
				208 - 222	813.43	102.5	R.LNVEVDAAPTVD LNR.V	
				256 - 276	830.76	32.9	K.QVVSSEQLQS CQTEIILRR.T	Carbamidomethyl: 12
				214 - 228	834.92	43.4	D.AAPTVDLNRVLN ETR.A	
				229 - 248	847.4	25.5	R.AQYEALVETNR RDVEEWYIR.Q	
				357 - 379	861.02	67.6	R.GLLDSEDCKLPC NPCATTNACGK.T	Carbamidomethyl: 8, 12, 15, 21
				357 - 379	861.36	38	R.GLLDSEDCKLPC NPCATTNACGK.T	Carbamidomethyl: 8, 12, 15, 21; Deamidated: 13
				73 - 86	864.89	63.8	K.VRQLERENAELE SR.I	
				87 - 107	885.73	69.3	R.ILERSQQQEPLV CPNYQSYFR.T	Carbamidomethyl: 13
				306 - 328	894.13	25.6	R.YSCQLNQVQSLI SNVESQLAEIR.G	Carbamidomethyl: 3; Deamidated: 9
				126 - 141	894.46	114.4	R.LVVQIDNAKLAA DDFR.T	
				58 - 72	914.97	89.7	E.TMQFLNDRLAS YLEK.V	
				57 - 71	915.42	54.1	K.ETMQFLNDRLA SYLE.K	
				277 - 292	917.99	119.9	R.TVNALEVELQAQ HNL.R.D	

				277 - 292	918.46	65	R.TVNALEVELQAA HNL.R.D	Deamidated: 3
				277 - 292	918.47	86.3	R.TVNALEVELQAA HNL.R.D	Deamidated: 10
				241 - 255	976.47	63.8	R.DVEEWYIRQTE ELNK.Q	
				57 - 72	979.47	57.9	K.ETMQFLNDRLA SYLEK.V	
				57 - 72	979.98	64.9	K.ETMQFLNDRLA SYLEK.V	Deamidated: 7
				57 - 72	987.46	36.8	K.ETMQFLNDRLA SYLEK.V	Oxidation: 3
				164 - 180	988.5	46.1	R.ILDELTLCKSDLE AQVE.S	Carbamidomethyl: 8
				202 - 228	998.85	36	R.SQLGDRLNVEV DAAPTVDLNRVLN ETR.A	
				173 - 190	1052.61	104.4	K.SDLEAQVESLKE ELICLK.S	Carbamidomethyl: 16
				164 - 190	1064.23	28	R.ILDELTLCKSDLE AQVESLKEELICLK .S	Carbamidomethyl: 8, 25; Deamidated: 15
				28 - 56	1067.79	46.2	G.TTLPGACNIPAN VGSCNWFCEGSF NGNEK.E	Carbamidomethyl: 7, 16, 20
				91 - 107	1072.47	86.4	R.SQQQEPLVCPN YQSYFR.T	Carbamidomethyl: 9
				91 - 107	1072.97	60.2	R.SQQQEPLVCPN YQSYFR.T	Carbamidomethyl: 9; Deamidated: 4
				306 - 333	1084.23	127.8	R.YSCQLNQVQSLI SNVESQLAEIRGD LER.Q	Carbamidomethyl: 3; Deamidated: 9
				277 - 305	1099.23	38.1	R.TVNALEVELQAA HNL.RD.SLENTLTE TEAR.Y	Deamidated: 12
				202 - 222	1141.56	82.6	R.SQLGDRLNVEV DAAPTVDLNR.V	
				202 - 222	1142.06	34	R.SQLGDRLNVEV DAAPTVDLNR.V	Deamidated: 20
K33a var1	gij999000014	46	6518.1	223 - 228	366.16	42.1	H.VLNETR.A	
				135 - 141	412.21	62.1	K.LASDDFR.T	
				66 - 72	412.24	59	R.LASYLEK.V	
				6 - 12	423.76	45.2	C.LPNLSFR.S	
				79 - 85	430.72	35.8	R.ENAELER.R	
				393 - 403	450.17	45.7	R.TRCGPCNTFVH. -	Carbamidomethyl: 3, 6
				202 - 209	451.77	30.7	R.SQLGDRLN.V	
				184 - 190	452.73	35.1	K.EELICLK.Q	Carbamidomethyl: 5
				152 - 163	461.96	33.1	R.QLVEADLNGLR R.I	
				396 - 403	466.23	44.6	C.GPCNTFVH.-	Carbamidomethyl: 3
				229 - 240	483.91	67.4	R.AQYEALVETNR R.D	
				229 - 240	484.26	49	R.AQYEALVETNR R.D	Deamidated: 2
				108 - 115	494.74	62.4	R.TIEELQQK.I	
				144 - 151	498.78	54.4	K.YETEVSLR.Q	
				126 - 134	500.33	72.4	R.LVVQIDNAK.L	
				126 - 134	500.83	65.2	R.LVVQIDNAK.L	Deamidated: 7
				338 - 345	503.35	38.9	E.YQVLLDVR.A	

				5 - 12	503.8	37	F.CLPNLSFR.S	Carbamidomethyl: 1
				58 - 65	512.78	29.9	E.TMQFLNDR.L	
				357 - 365	518.78	43.6	R.GLLDSEDCK.L	Carbamidomethyl: 8
				58 - 65	520.79	47.5	E.TMQFLNDR.L	Oxidation: 2
				135 - 143	526.82	26.4	K.LASDDFRTK.Y	
				100 - 107	537.81	50.6	C.PNYQSYFR.T	
				66 - 74	539.83	76.2	R.LASYLEKVR.Q	
				395 - 403	546.23	62.4	R.CGPCNTFVH.-	Carbamidomethyl: 1, 4
				395 - 403	546.75	59.6	R.CGPCNTFVH.-	Carbamidomethyl: 1, 4; Deamidated: 5
				164 - 172	552.85	78.5	R.ILDELTLCK.S	Carbamidomethyl: 8
				241 - 248	555.25	54.6	R.DVEEWYIR.Q	
				193 - 201	563.31	45.3	N.HEQEVNLR.S	
				193 - 201	563.79	37	N.HEQEVNLR.S	Deamidated: 3
				202 - 211	565.83	75.5	R.SQLGDRLNVE.V	
				107 - 115	572.81	46.6	F.RTIEELQQK.I	
				116 - 125	574.35	38.9	K.ILCGKSENAR.L	Carbamidomethyl: 3
				57 - 65	577.29	63.1	K.ETMQFLNDR.L	
				4 - 12	577.34	55.1	N.FCLPNLSFR.S	Carbamidomethyl: 2
				57 - 65	577.79	43.9	K.ETMQFLNDR.L	Deamidated: 4
				334 - 347	577.99	52.9	R.QNQEYQVLLDV RAR.L	
				57 - 65	585.22	58.7	K.ETMQFLNDR.L	Oxidation: 3
				348 - 356	599.3	75.6	R.LECEINTYR.G	Carbamidomethyl: 3
				142 - 151	613.35	70.6	R.TKYETEVSRLR.Q	
				152 - 162	614.34	68	R.QLVEADLNGLR. R	
				152 - 162	614.88	65.7	R.QLVEADLNGLR. R	Deamidated: 8
				181 - 190	616.9	40.9	E.SLKEELICK.Q	Carbamidomethyl: 8
				163 - 172	630.91	40.3	R.RILDELTLCK.S	Carbamidomethyl: 9
				240 - 248	633.28	53.4	R.RDVEEWYIR.Q	
				3 - 12	634.36	38.7	F.NFCLPNLSFR.S	Carbamidomethyl: 3
				3 - 12	634.85	38.4	F.NFCLPNLSFR.S	Carbamidomethyl: 3; Deamidated: 1
				46 - 56	644.8	56.8	W.FCEGSFNGNEK .E	Carbamidomethyl: 2
				229 - 239	647.36	88.2	R.AQYEALVETNR. R	
				91 - 101	650.33	45.9	R.SQQQEPLVCPN. Y	Carbamidomethyl: 9
				276 - 292	664.4	59.1	R.RTVNALEVELQA QHNL.R.D	
				223 - 239	669.35	64.4	H.VLNETRAQYEAL VETNR.R	
				393 - 403	675.29	51	R.TRCGPCNTFVH. -	Carbamidomethyl: 3, 6; Deamidated: 7
				126 - 143	678.42	53.5	R.LVVQIDNAKLAS DDFRTK.Y	

				294 - 305	682.31	85.3	D.SLENTLTETEAR. Y	
				191 - 201	684.3	59.6	K.QNHEQEVNTRLR. S	
				191 - 201	685.79	44.5	K.QNHEQEVNTRLR. S	Deamidated: 1, 2, 5
				329 - 345	702.4	57.5	R.SDLERQNQEYQ VLLDVR.A	
				55 - 65	705.85	53.4	N.EKETMQFLNDR. L	
				108 - 125	706.38	59.6	R.TIEELQQKILCGK SENAR.L	Carbamidomethyl: 11
				108 - 125	706.66	43.6	R.TIEELQQKILCGK SENAR.L	Carbamidomethyl: 11; Deamidated: 7
				346 - 356	712.84	60.4	R.ARLECEINTYR. G	Carbamidomethyl: 5
				223 - 240	721.39	41.2	H.VLNETRAQYEAL VETNRR.D	
				228 - 239	725.38	63.2	T.RAQYEALVETNR .R	
				229 - 240	725.86	35.9	R.AQYEALVETNR R.D	Deamidated: 10
				179 - 190	730.94	73.1	R.VESLKEELICK. Q	Carbamidomethyl: 10
				57 - 74	738.4	85.8	K.ETMQFLNDRLA SYLEKVR.Q	
				293 - 305	739.86	110.7	R.DSLENTLTETEA R.Y	
				293 - 305	740.35	84.4	R.DSLENTLTETEA R.Y	Deamidated: 5
				57 - 74	743.73	32.9	K.ETMQFLNDRLA SYLEKVR.Q	Oxidation: 3
				1 - 12	751.34	76.6	- .SFNFCLPNLSFR. S	Carbamidomethyl: 5
				1 - 12	751.91	54.9	- .SFNFCLPNLSFR. S	Carbamidomethyl: 5; Deamidated: 3
				334 - 345	752.95	94.4	R.QNQEYQVLLDV R.A	
				334 - 345	753.42	40.6	R.QNQEYQVLLDV R.A	Deamidated: 3
				280 - 292	760.93	66.3	N.ALEVELQAQHNL R.D	
				208 - 228	773.7	59.8	R.LNVEVDAAPTVD LNHVLNETR.A	
				121 - 134	778.89	64.5	K.SENARLVVQIDN AK.L	
				108 - 120	780.44	72	R.TIEELQQKILCGK .S	Carbamidomethyl: 11
				53 - 65	791.34	57.9	N.GNEKETMQFLN DR.L	
				142 - 162	812.12	46.7	R.TKYETEVSRLRQL VEADLNGLR.R	
				256 - 276	820.79	41.4	K.QVVSSSEQLQS CQAEIILRR.T	Carbamidomethyl: 12
				214 - 228	825.46	113.5	D.AAPTVDLNHVLN ETR.A	
				229 - 248	847.4	25.5	R.AQYEALVETNR RDVEEWYIR.Q	
				87 - 107	885.73	69.3	R.ILERSQQQEPLV CPNYQSYFR.T	Carbamidomethyl: 13
				164 - 178	888.45	127	R.ILDELTLCKSDLE AR.V	Carbamidomethyl: 8
				126 - 141	902.52	124.3	R.LVVQIDNAKLAS	

							DDFR.T	
				58 - 72	914.97	89.7	E.TMQFLNDRLAS YLEK.V	
				57 - 71	915.42	54.1	K.ETMQFLNDRLA SYLE.K	
				277 - 292	917.99	119.9	R.TVNALEVELQAA HNL.R.D	
				277 - 292	918.46	65	R.TVNALEVELQAA HNL.R.D	Deamidated: 3
				277 - 292	918.47	86.3	R.TVNALEVELQAA HNL.R.D	Deamidated: 10
				179 - 201	937.11	62.1	R.VESLKEELICK QNHEQEVNLR.S	Carbamidomethyl: 10
				269 - 292	939.52	63	Q.AEIIELRRTVNAL EVELQAQHNL.R.D	Deamidated: 11
				241 - 255	976.47	63.8	R.DVEEWYIRQTE ELNK.Q	
				57 - 72	979.47	57.9	K.ETMQFLNDRLA SYLEK.V	
				57 - 72	979.98	64.9	K.ETMQFLNDRLA SYLEK.V	Deamidated: 7
				57 - 72	987.46	36.8	K.ETMQFLNDRLA SYLEK.V	Oxidation: 3
				202 - 228	992.49	97.3	R.SQLGDRLNVEV DAAPTVDLNHVLN ETR.A	
				202 - 228	992.83	39.2	R.SQLGDRLNVEV DAAPTVDLNHVLN ETR.A	Deamidated: 8
				91 - 107	1072.47	86.4	R.SQQQEPLVCPN YQSYFR.T	Carbamidomethyl: 9
				91 - 107	1072.97	60.2	R.SQQQEPLVCPN YQSYFR.T	Carbamidomethyl: 9; Deamidated: 4
				306 - 333	1089.21	71.6	R.YSCQLNQVQSLI VSVESQLAEIRSDL ER.Q	Carbamidomethyl: 3; Deamidated: 6
				277 - 305	1099.23	38.1	R.TVNALEVELQAA HNL.RDSENTLTE TEAR.Y	Deamidated: 12
K33b	gij999000003	45.9	7435.9	241 - 246	366.16	42.1	R.VLNETR.A	
				153 - 159	404.2	53.7	K.LAADDFFR.T	
				84 - 90	412.24	59	R.LASYLEK.V	
				24 - 30	423.76	45.2	C.LPNLSFR.S	
				136 - 143	437.21	39.6	L.ANKAENAR.L	
				220 - 227	451.77	30.7	R.SQLGDRLN.V	
				202 - 208	452.73	35.1	K.EELICK.Q	Carbamidomethyl: 5
				170 - 181	467.6	48.4	R.QLVESDINGLRR .I	Deamidated: 8
				97 - 104	474.21	51.3	R.ENAELESR.I	
				247 - 258	483.91	67.4	R.AQYEALVETNR R.D	
				247 - 258	484.26	49	R.AQYEALVETNR R.D	Deamidated: 2
				97 - 108	486.94	40.3	R.ENAELESRILER. S	
				162 - 169	490.76	56.6	K.YQTELG.LR.Q	Deamidated: 2
				135 - 143	493.77	51.5	I.LANKAENAR.L	
				126 - 133	494.74	62.4	R.TIEELQQK.I	
				414 - 422	500.19	44.9	R.FGPCNTSGC.-	Carbamidomethyl: 4, 9
				144 - 152	500.33	72.4	R.LVVQIDNAK.L	

				144 - 152	500.83	65.2	R.LVVQIDNAK.L	Deamidated: 7
				356 - 363	503.35	38.9	E.YQVLLDVR.A	
				23 - 30	503.8	37	F.CLPNLSFR.S	Carbamidomethyl: 1
				76 - 83	512.78	29.9	E.TMQFLNDR.L	
				153 - 161	518.76	41.7	K.LAADDFRTK.Y	
				76 - 83	520.79	47.5	E.TMQFLNDR.L	Oxidation: 2
				118 - 125	537.81	50.6	C.PNYQSYFR.T	
				84 - 92	539.83	76.2	R.LASYLEKVR.Q	
				412 - 421	541.69	49.4	R.SRFGPCNTSG.C	Carbamidomethyl: 6
				412 - 421	542.25	45	R.SRFGPCNTSG.C	Carbamidomethyl: 6; Deamidated: 7
				134 - 143	550.27	66.3	K.ILANKAENAR.L	
				134 - 143	550.82	66.4	K.ILANKAENAR.L	Deamidated: 4
				182 - 190	552.85	78.5	R.ILDELTLCCK.S	Carbamidomethyl: 8
				259 - 266	555.25	54.6	R.DVEEWYIR.Q	
				366 - 374	562.76	65.1	R.LESEINTYR.G	
				366 - 374	563.28	59.6	R.LESEINTYR.G	Deamidated: 6
				211 - 219	563.31	45.3	N.HEQEVNTLR.S	
				211 - 219	563.79	37	N.HEQEVNTLR.S	Deamidated: 3
				220 - 229	565.83	75.5	R.SQLGDRLNVE.V	
				125 - 133	572.81	46.6	F.RTIEELQKQK.I	
				126 - 140	576.69	43.8	R.TIEELQKQKILANK AE.N	
				91 - 104	577.27	32.6	K.VRQLERENAELE SR.I	Deamidated: 3
				75 - 83	577.29	63.1	K.ETMQFLNDR.L	
				22 - 30	577.34	55.1	N.FCLPNLSFR.S	Carbamidomethyl: 2
				75 - 83	577.79	43.9	K.ETMQFLNDR.L	Deamidated: 4
				352 - 365	577.99	52.9	R.QNQEYQVLLDV RAR.L	
				75 - 83	585.22	58.7	K.ETMQFLNDR.L	Oxidation: 3
				160 - 169	604.84	52	R.TKYQTELGRLR.Q	
				160 - 169	605.32	68.6	R.TKYQTELGRLR.Q	Deamidated: 4
				191 - 201	609.87	97.6	K.SDLEAQVESLK. E	
				199 - 208	616.9	40.9	E.SLKEELICLK.Q	Carbamidomethyl: 8
				412 - 422	621.75	80	R.SRFGPCNTSGC. -	Carbamidomethyl: 6, 11
				412 - 422	622.27	83.7	R.SRFGPCNTSGC. -	Carbamidomethyl: 6, 11; Deamidated: 7
				181 - 190	630.91	40.3	R.RILDELTLCCK.S	Carbamidomethyl: 9
				258 - 266	633.28	53.4	R.RDVEEWYIR.Q	
				21 - 30	634.36	38.7	Y.NFCLPNLSFR.S	Carbamidomethyl: 3
				21 - 30	634.85	38.4	Y.NFCLPNLSFR.S	Carbamidomethyl: 3; Deamidated: 1
				64 - 74	644.8	56.8	W.FCEGSFNGNEK .E	Carbamidomethyl: 2
				247 - 257	647.36	88.2	R.AQYEALVETNR. R	
				109 - 119	650.33	45.9	R.SQQQEPLVCPN. Y	Carbamidomethyl: 9
				294 - 310	664.4	59.1	R.RTVNALEVELQA	

							QHNL.R.D	
				153 - 169	666.38	49.6	K.LAADDFRTKYQT ELGLR.Q	
				153 - 169	666.7	42	K.LAADDFRTKYQT ELGLR.Q	Deamidated: 11
				241 - 257	669.35	64.4	R.VLNETRAQYEAL VETNR.R	
				144 - 161	673.05	61.3	R.LVVQIDNAKLAA DDFRTK.Y	
				364 - 374	676.37	92.5	R.ARLESEINTYR.G D.SLENTLTETEAR. Y	
				312 - 323	682.31	85.3	K.QNHEQEVNTRLR. S	
				209 - 219	684.3	59.6	K.QNHEQEVNTRLR. S	Deamidated: 1, 2, 5
				209 - 219	685.79	44.5	R.TIEELQQKILANK AENAR.L	
				126 - 143	690.4	52.2	R.QLVESDINGLRR .I	
				170 - 181	700.36	44.8	L.RQLVESDINGLR. R	Deamidated: 9
				169 - 180	700.85	44	R.SDLERQNQEYQ VLLDVR.A	
				347 - 363	702.4	57.5	N.EKETMQFLNDR. L	
				73 - 83	705.85	53.4	S.YNFCLPNLSFR. S	Carbamidomethyl: 4
				20 - 30	715.85	53.5	R.VLNETRAQYEAL VETNRR.D	
				241 - 258	721.39	41.2	T.RAQYEALVETNR .R	
				246 - 257	725.38	63.2	R.AQYEALVETNR R.D	Deamidated: 10
				247 - 258	725.86	35.9	Q.VESLKEELICK. Q	Carbamidomethyl: 10
				197 - 208	730.94	73.1	R.GLLDSEDTKLPC N.P	Carbamidomethyl: 12
				375 - 387	731.39	35	R.QLERENAELES R.I	
				93 - 104	737.36	53.4	R.QLERENAELES R.I	Deamidated: 1
				93 - 104	737.8	57.7	K.ETMQFLNDRLA SYLEKVR.Q	
				75 - 92	738.4	85.8	R.DSLENTLTETEA R.Y	
				311 - 323	739.86	110.7	R.DSLENTLTETEA R.Y	Deamidated: 5
				311 - 323	740.35	84.4	K.ETMQFLNDRLA SYLEKVR.Q	Oxidation: 3
				75 - 92	743.73	32.9	R.QNQEYQVLLDV R.A	
				352 - 363	752.95	94.4	R.QNQEYQVLLDV R.A	Deamidated: 3
				352 - 363	753.42	40.6	M.SYNFCLPNLSFR .S	Carbamidomethyl: 5
				19 - 30	759.38	56.6	M.SYNFCLPNLSFR .S	Carbamidomethyl: 5; Deamidated: 3
				19 - 30	759.92	29.3	N.ALEVELQAQHNL R.D	
				298 - 310	760.93	66.3	R.SQLGDRLNVEV DAAPTVDLNR.V	Deamidated: 2
				220 - 240	761.77	25.3	R.TIEELQQKILANK .A	
				126 - 138	764.47	65.4	R.LNVEVDAAPTVD	
				226 - 246	780.07	46.8		

							LNRVLNETR.A	
				71 - 83	791.34	57.9	N.GNEKETMQFLN DR.L	
				160 - 180	812.1	30.8	R.TKYQTELGRLRQL VESDINGLR.R	Deamidated: 4
				226 - 240	813.43	102.5	R.LNVEVDAAPTVD LNR.V	
				274 - 294	821.78	44.7	K.QVVSSEQLQS YQAEIILRR.T	
				232 - 246	834.92	43.4	D.AAPTVDLNRVLN ETR.A	
				247 - 266	847.4	25.5	R.AQYEALVETNR RDVEEWYIR.Q	
				91 - 104	864.89	63.8	K.VRQLERENAELE SR.I	
				105 - 125	885.73	69.3	R.ILERSQQQEPLV CPNYQSYFR.T	Carbamidomethyl: 13
				144 - 159	894.46	114.4	R.LVVQIDNAKLAA DDFR.T	
				76 - 90	914.97	89.7	E.TMQFLNDRLAS YLEK.V	
				75 - 89	915.42	54.1	K.ETMQFLNDRLA SYLE.K	
				295 - 310	917.99	119.9	R.TVNALEVELQAQ HNL.R.D	
				295 - 310	918.46	65	R.TVNALEVELQAQ HNL.R.D	Deamidated: 3
				295 - 310	918.47	86.3	R.TVNALEVELQAQ HNL.R.D	Deamidated: 10
				197 - 219	937.11	62.1	Q.VESLKEELICK QNHEQEVNTRLR.S	Carbamidomethyl: 10
				287 - 310	939.52	63	Q.AEIIELRRTVNAL EVELQAQHNL.R.D	Deamidated: 11
				259 - 273	976.47	63.8	R.DVEEWYIRQTE ELNK.Q	
				75 - 90	979.47	57.9	K.ETMQFLNDRLA SYLEK.V	
				75 - 90	979.98	64.9	K.ETMQFLNDRLA SYLEK.V	Deamidated: 7
				75 - 90	987.46	36.8	K.ETMQFLNDRLA SYLEK.V	Oxidation: 3
				182 - 198	988.5	46.1	R.ILDELTICKSDLE AQVE.S	Carbamidomethyl: 8
				220 - 246	998.85	36	R.SQLGDRLNVEV DAAPTVDLNRVLN ETR.A	
				191 - 208	1052.61	104.4	K.SDLEAQVESLKE ELICK.Q	Carbamidomethyl: 16
				182 - 208	1064.23	28	R.ILDELTICKSDLE AQVESLKEELICK .Q	Carbamidomethyl: 8, 25; Deamidated: 15
				46 - 74	1067.79	46.2	G.TTLPGACNIPAN VGSCNWFCEGSF NGNEK.E	Carbamidomethyl: 7, 16, 20
				109 - 125	1072.47	86.4	R.SQQQEPLVCPN YQSYFR.T	Carbamidomethyl: 9
				109 - 125	1072.97	60.2	R.SQQQEPLVCPN YQSYFR.T	Carbamidomethyl: 9; Deamidated: 4
				324 - 351	1089.21	94.2	R.YSCQLSQVQSLI VNVESQLAEIRSDL ER.Q	Carbamidomethyl: 3; Deamidated: 9
				295 - 323	1099.23	38.1	R.TVNALEVELQAQ HNLRDSLENTLTE TEAR.Y	Deamidated: 12
				220 - 240	1141.56	82.6	R.SQLGDRLNVEV	

							DAAPTVDLNR.V	
				220 - 240	1142.06	34	R.SQLGDRLNVEV DAAPTVDLNR.V	Deamidated: 20
K35	gij999000005	49.7	3086.8	264 - 269	381.23	46.1	R.VLNEMR.C	
				176 - 182	404.2	53.7	K.LAADDFR.T	
				107 - 113	412.24	59	R.LASYLEK.V	
				225 - 231	452.73	35.1	K.EELLCLK.K	Carbamidomethyl: 5
				120 - 127	474.21	51.3	R.ENAELESR.I	
				149 - 156	494.74	62.4	Q.TIEELQKK.I	
				167 - 175	500.33	72.4	R.LVVQIDNAK.L	
				167 - 175	500.83	65.2	R.LVVQIDNAK.L	Deamidated: 7
				379 - 386	503.35	38.9	E.YQVLLDVR.A	
				99 - 106	512.78	29.9	E.TMQFLNDR.L	
				176 - 184	518.76	41.7	K.LAADDFRTK.Y	
				398 - 406	518.78	43.6	R.GLLDSEDCK.L	Carbamidomethyl: 8
				99 - 106	520.79	47.5	E.TMQFLNDR.L	Oxidation: 2
				107 - 115	539.83	76.2	R.LASYLEKVR.Q	
				205 - 213	545.83	74.6	R.ILDDTLCK.A	Carbamidomethyl: 8
				47 - 57	556.82	37.9	R.SFSACSVGLGK. S	Carbamidomethyl: 5
				114 - 127	577.27	32.6	K.VRQLERENAELE SR.I	Deamidated: 3
				98 - 106	577.29	63.1	K.ETMQFLNDR.L	
				98 - 106	577.79	43.9	K.ETMQFLNDR.L	Deamidated: 4
				375 - 388	577.99	52.9	R.QNQEYQVLLDV RAR.L	
				7 - 26	583.96	68.8	K.ASFSSGSLKVPG GAGGGSAR.V	
				98 - 106	585.22	58.7	K.ETMQFLNDR.L	Oxidation: 3
				389 - 397	585.73	59	R.LECEISTYR.G	Carbamidomethyl: 3
				27 - 37	601.79	66.6	R.VSTIFSSSSCK.L	Carbamidomethyl: 10
				233 - 242	613.81	35.2	K.NHEEEVNSLR.C	
				222 - 231	616.9	40.9	E.SLKEELLCLK.K	Carbamidomethyl: 8
				167 - 184	673.05	61.3	R.LVVQIDNAKLAA DDFRTK.Y	
				387 - 397	699.36	38.5	R.ARLECEISTYR.G	Carbamidomethyl: 5
				334 - 346	703.37	99.8	R.DALESTLAETEA R.Y	
				96 - 106	705.85	53.4	N.EKETMQFLNDR. L	
				193 - 204	709.35	30.7	R.QLVESDMNGLR R.I	
				220 - 231	730.94	73.1	Q.VESLKEELLCLK. K	Carbamidomethyl: 10
				116 - 127	737.36	53.4	R.QLERENAELES R.I	
				116 - 127	737.8	57.7	R.QLERENAELES R.I	Deamidated: 1
				98 - 115	738.4	85.8	K.ETMQFLNDRLA SYLEKVR.Q	
				214 - 232	739.44	32.1	K.ADLEAQVESLKE ELLCLKK.N	Carbamidomethyl: 16
				98 - 115	743.73	32.9	K.ETMQFLNDRLA SYLEKVR.Q	Oxidation: 3

				375 - 386	752.95	94.4	R.QNQEQVLLDV R.A	
				375 - 386	753.42	40.6	R.QNQEQVLLDV R.A	Deamidated: 3
				162 - 175	778.89	64.5	K.SENARLVVQIDN AK.L	
				94 - 106	791.34	57.9	T.GNEKETMQFLN DR.L	
				297 - 317	821.78	44.7	Q.QVVSSEQLQS YQAEIILRR.T	
				114 - 127	864.89	63.8	K.VRQLERENAELE SR.I	
				167 - 182	894.46	114.4	R.LVVQIDNAKLAA DDFR.T	
				99 - 113	914.97	89.7	E.TMQFLNDRLAS YLEK.V	
				98 - 112	915.42	54.1	K.ETMQFLNDRLA SYLE.K	
				318 - 333	920.5	60	R.TVNALEIELQAQ HSMR.D	
				318 - 333	928.46	65	R.TVNALEIELQAQ HSMR.D	Oxidation: 15
				98 - 113	979.47	57.9	K.ETMQFLNDRLA SYLEK.V	
				98 - 113	979.98	64.9	K.ETMQFLNDRLA SYLEK.V	Deamidated: 7
				98 - 113	987.46	36.8	K.ETMQFLNDRLA SYLEK.V	Oxidation: 3
K38	gij999000006	49.8	1117.2	183 - 189	404.2	53.7	K.LAADDFR.I	
				114 - 120	412.24	59	R.LASYLEK.V	
				106 - 113	512.78	29.9	E.TMQFLNDR.L	
				106 - 113	520.79	47.5	E.TMQFLNDR.L	Oxidation: 2
				114 - 122	539.83	76.2	R.LASYLEKVR.G	
				105 - 113	577.29	63.1	K.ETMQFLNDR.L	
				105 - 113	577.79	43.9	K.ETMQFLNDR.L	Deamidated: 4
				105 - 113	585.22	58.7	K.ETMQFLNDR.L	Oxidation: 3
				9 - 20	635.73	44.8	R.HSLGCTNTPGA R.N	Carbamidomethyl: 5
				103 - 113	705.85	53.4	H.EKETMQFLNDR. L	
				105 - 122	738.4	85.8	K.ETMQFLNDRLA SYLEKVR.G	
				105 - 122	743.73	32.9	K.ETMQFLNDRLA SYLEKVR.G	Oxidation: 3
				382 - 395	852.44	56.5	R.QNQEQVLLDV KAR.L	
				106 - 120	914.97	89.7	E.TMQFLNDRLAS YLEK.V	
				105 - 119	915.42	54.1	K.ETMQFLNDRLA SYLE.K	
				105 - 120	979.47	57.9	K.ETMQFLNDRLA SYLEK.V	
				105 - 120	979.98	64.9	K.ETMQFLNDRLA SYLEK.V	Deamidated: 7
				105 - 120	987.46	36.8	K.ETMQFLNDRLA SYLEK.V	Oxidation: 3
K81	gij999000007		7251.8	33 - 38	378.17	30.9	R.GISCYR.G	Carbamidomethyl: 4
				193 - 201	388.88	59	R.RYEEVALR.A	
				1 - 7	392.61	33.1	-.TCGSGFR.G	Carbamidomethyl: 2
				116 - 122	406.2	52.8	R.FAAFIDK.V	
				39 - 47	426.21	57.8	R.GLTGGFGSR.S	

				125 - 131	453.75	35.3	R.FLEQQNK.L	
				397 - 408	473.93	60.9	K.LGLDIEIATYRR.L	
				242 - 248	476.25	53.8	R.LYEEEEIR.V	
				137 - 143	484.78	49.4	K.LQFYQNR.Q	
				137 - 143	485.29	39.8	K.LQFYQNR.Q	Deamidated: 6
				409 - 416	487.22	73.6	R.LLEGQEQR.L	Deamidated: 5
				332 - 340	487.78	54.2	R.LTAEVENAK.C	
				111 - 122	490.26	48.4	K.CLNNRFAAFIDK. V	Carbamidomethyl: 1
				289 - 300	490.58	47.6	R.SRAEAESWYRS K.C	
				328 - 340	490.94	57.7	R.VIQRLTAEVENA K.C	
				38 - 47	504.24	30.1	Y.RGLTGGFGSR.S	
				194 - 201	504.78	64.6	R.YEEEVALR.A	
				320 - 331	504.93	31.9	K.EEINELNRVIQR. L	
				291 - 298	506.22	60.9	R.AEAESWYR.S	
				214 - 221	506.24	47.7	K.DVDCAYLR.K	Carbamidomethyl: 4
				10 - 23	507.88	42.1	R.AFSCVSACGPR PGR.C	Carbamidomethyl: 4, 8
				320 - 327	508.75	40.7	K.EEINELNR.V	
				280 - 288	519.76	75	K.AQYDDIASR.S	
				280 - 288	520.26	25.9	K.AQYDDIASR.S	Deamidated: 2
				33 - 47	529.94	37.5	R.GISCYRGLTGGF GSR.S	Carbamidomethyl: 4
				116 - 124	533.78	70	R.FAAFIDKVR.F	
				368 - 377	536.29	87.2	K.LAGLEELQK.A	
				409 - 417	543.8	53.2	R.LLEGQEQL.C	Deamidated: 5
				241 - 248	554.32	49.9	R.RLYEEEEIR.V	
				24 - 32	556.29	67.9	R.CCITAAPYR.G	Carbamidomethyl: 1, 2
				388 - 396	564.25	51.7	K.EYQEVMSK.L	
				408 - 416	565.27	54.6	R.RLLEGQEQR.L	Deamidated: 6
				214 - 222	570.28	47.7	K.DVDCAYLRK.S	Carbamidomethyl: 4
				213 - 221	570.31	68.3	K.KDVDCAYLR.K	Carbamidomethyl: 5
				111 - 124	575.66	44.3	K.CLNNRFAAFIDK VR.F	Carbamidomethyl: 1; Deamidated: 3
				318 - 331	581.36	57.6	R.TKEEINELNRVIQ R.L	
				318 - 331	581.67	50	R.TKEEINELNRVIQ R.L	Deamidated: 6
				123 - 136	582.65	27.6	K.VRFLEQQNKLL TK.L	
				378 - 387	589.31	71.3	K.AKQDMACLLK.E	Carbamidomethyl: 7
				202 - 212	596.83	83.1	R.ATAENEFVALK. K	
				164 - 174	597.72	89.2	R.EAECADSGR. L	Carbamidomethyl: 4
				367 - 377	600.38	84.8	R.KLAGLEELQK. A	
				263 - 272	605.76	41.2	K.MDNSRDLNMD. N	
				10 - 20	606.22	73.9	R.AFSCVSACGPR. P	Carbamidomethyl: 4, 8
				301 - 310	609.86	73.6	K.CEEIKATVIR.H	Carbamidomethyl: 1

				96 - 110	610.3	58.1	D.PNAQCVKQEEK EQIK.C	Carbamidomethyl: 5
				332 - 347	612.01	40.4	R.LTAEVENAKCQ NSKLE.A	Carbamidomethyl: 10
				291 - 300	613.77	54.7	R.AEAESWYRSK.C	
				24 - 38	616.6	35	R.CCITAAPYRGIS CYR.G	Carbamidomethyl: 1, 2, 13
				408 - 417	621.87	37.2	R.RLLEGQEQL.C	Deamidated: 6
				318 - 327	623.33	85.6	R.TKEEINELNR.V	
				289 - 298	627.84	69.5	R.SRAEAESWYR.S	
				269 - 279	630.41	98	D.LNMDNIVAEIK.A	
				397 - 407	632.39	96.6	K.LGLDIEIATYR.R	
				23 - 32	634.25	35.1	G.RCCITAAPYR.G	Carbamidomethyl: 2, 3
				368 - 379	635.89	76.4	K.LAGLEEALQKAK .Q	
				280 - 290	641.34	39.8	K.AQYDDIASRSR. A	
				92 - 102	643.84	65	N.LEIDPNAQCVK. Q	Carbamidomethyl: 9
				263 - 279	660.35	40.9	K.MDNSRDLNMDN IVAEIK.A	Deamidated: 3
				202 - 213	660.82	87.3	R.ATAENEFVALKK .D	
				263 - 279	665.31	51.1	K.MDNSRDLNMDN IVAEIK.A	Oxidation: 9
				48 - 60	685.77	33.5	R.SVCGGFRAGSC GR.S	Carbamidomethyl: 3, 11
				268 - 279	687.88	92	R.DLNMDNIVAEIK. A	
				268 - 279	695.88	77.7	R.DLNMDNIVAEIK. A	Oxidation: 4
				380 - 396	696.37	30.4	K.QDMACLLKEYQ EVMNSK.L	Carbamidomethyl: 5
				268 - 279	696.88	37.9	R.DLNMDNIVAEIK. A	Oxidation: 4; Deamidated: 3, 6
				174 - 191	698.4	43.3	G.RLSSELNSLQEV LEGYKK.R	
				175 - 192	698.41	30.3	R.LSSELNSLQEVL EGYKKR.R	
				317 - 327	701.36	63.2	R.RTKEEINELNR.V	
				433 - 446	711.78	101.9	R.GGVVCGDLCVS GSR.P	Carbamidomethyl: 5, 9
				299 - 310	717.35	80.3	R.SKCEEIKATVIR. H	Carbamidomethyl: 3
				346 - 366	724.38	30.1	K.LEAAVTQAEQQ GEAALADAKR.K	Deamidated: 7
				125 - 136	745.9	62.8	R.FLEQQNKLLET .L	
				125 - 136	746.4	57.5	R.FLEQQNKLLET .L	Deamidated: 6
				368 - 387	749.43	37.7	K.LAGLEEALQKAK QDMACLK.E	Carbamidomethyl: 17; Oxidation: 15
				249 - 262	755.5	79.2	R.VLQAHISDTSVIV K.M	
				378 - 396	762.68	55.4	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7
				34 - 47	765.81	40.4	G.ISCYRGLTGGFG SR.S	Carbamidomethyl: 3
				378 - 396	768.04	42.5	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 16
				194 - 213	770.74	82.2	R.YEEEVALRATAE NEFVALKK.D	

				378 - 396	773.37	34.6	K.AKQDMAELLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 5, 16
				132 - 143	776.94	80.9	K.LLETKLQFYQNR .Q	
				222 - 241	783.12	70.8	R.KSDLEANVEALI QETDFLRR.L	
				332 - 345	796.4	89	R.LTAEVENAKCQ NSK.L	Carbamidomethyl: 10
				332 - 345	796.84	46.1	R.LTAEVENAKCQ NSK.L	Carbamidomethyl: 10; Deamidated: 7
				268 - 288	798.77	83	R.DLNMDNIVAEIK AQYDDIASR.S	
				268 - 288	804.09	64	R.DLNMDNIVAEIK AQYDDIASR.S	Oxidation: 4
				125 - 143	814.09	71	R.FLEQQNKLLET LQFYQNR.Q	
				242 - 262	814.79	54.3	R.LYEEEIRVLQAH SDTSVIVK.M	
				144 - 163	824.77	39.8	R.QCCESNLEPLFS GYIETLR.R	Carbamidomethyl: 2, 3
				417 - 432	855.39	122	R.LCEGVGSVNV VSSSR.G	Carbamidomethyl: 2, 11
				341 - 365	877.74	72.1	K.CQNSKLEAAVT QAEQQGEAALAD AK.R	Carbamidomethyl: 1
				268 - 290	880.12	41	R.DLNMDNIVAEIK AQYDDIASRSR.A	Deamidated: 6
				409 - 432	889.06	39.4	R.LLEGQEQLCE GVGSVNVCVSS R.G	Carbamidomethyl: 10, 19; Deamidated: 5, 17
				175 - 190	904.97	119.6	R.LSSELNSLQEV EGYK.K	
				175 - 190	905.49	89	R.LSSELNSLQEV EGYK.K	Deamidated: 6
				175 - 190	905.95	36	R.LSSELNSLQEV EGYK.K	Deamidated: 6, 9
				66 - 84	915.95	64.9	R.SGGVGGGLSP PCITTVSVNE.S	Carbamidomethyl: 11
				341 - 366	929.8	98.1	K.CQNSKLEAAVT QAEQQGEAALAD AKR.K	Carbamidomethyl: 1
				175 - 191	968.98	75.6	R.LSSELNSLQEV EGYK.R	
				175 - 191	969.53	40.3	R.LSSELNSLQEV EGYK.R	Deamidated: 6
				263 - 279	989.45	103.2	K.MDNSRDLNMD NIVAEIK.A	
				164 - 190	995.45	47.7	R.EAECAEADSG R.LSSELNSLQEV LEGYK.K	Carbamidomethyl: 4
				346 - 365	1007.52	138.6	K.LEAAVTQAEQQ GEAALADAK.R	
				85 - 102	1013.02	82.8	E.SLLTPLNLEID PNAQCVK.Q	Carbamidomethyl: 16
				223 - 240	1032.05	125.8	K.SDLEANVEALI QETDFLR.R	
				222 - 240	1096.03	175.5	R.KSDLEANVEALI QETDFLR.R	
				66 - 99	1150.89	50.1	R.SGGVGGGLSP PCITTVSVNESLL TPLNLEIDPNAQ.C	Carbamidomethyl: 11; Deamidated: 26
				144 - 162	1158.61	94.5	R.QCCESNLEPLFS GYIETLR.R	Carbamidomethyl: 2, 3
				268 - 288	1198.01	57.8	R.DLNMDNIVAEIK AQYDDIASR.S	Deamidated: 3

K86	gij999000010	54.8	7220.6	40 - 45	371.13	27.2	R.GVSCYR.G	Carbamidomethyl: 4
				209 - 217	388.88	59	K.RYEEVALR.A	
				133 - 139	406.2	52.8	R.FAAFIDK.V	
				492 - 500	445.73	98.3	R.VGGSILGCK.K	Carbamidomethyl: 8
				142 - 148	453.75	35.3	R.FLEQQNK.L	
				413 - 424	473.93	60.9	K.LGLDIEIATYRR.L	
				258 - 264	476.25	53.8	R.LYEEIR.V	
				154 - 160	484.78	49.4	K.LQFYQNR.Q	
				154 - 160	485.29	39.8	K.LQFYQNR.Q	Deamidated: 6
				425 - 432	487.22	73.6	R.LLEGEEQR.L	
				348 - 356	487.78	54.2	R.LTAEVENAK.C	
				128 - 139	490.26	48.4	K.CLNNRFAAFIDK. V	Carbamidomethyl: 1
				7 - 15	490.27	49.6	R.ISPGYSVTR.T	
				305 - 316	490.58	47.6	R.SRAEESWYRS K.C	
				344 - 356	490.94	57.7	R.VIQRLTAEVENA K.C	
				210 - 217	504.78	64.6	R.YEEVALR.A	
				336 - 347	504.93	31.9	K.EEINELNRVIQR. L	
				307 - 314	506.22	60.9	R.AEAESWYR.S	
				230 - 237	506.24	47.7	K.DVDCAYLR.K	Carbamidomethyl: 4
				336 - 343	508.75	40.7	K.EEINELNR.V	
				492 - 501	509.76	44.8	R.VGGSILGCKK.C	Carbamidomethyl: 8
				296 - 304	524.25	73.7	K.AHYDDIASR.S	
				133 - 141	533.78	70	R.FAAFIDKVR.F	
				384 - 393	536.29	87.2	K.LAGLEEALQK.A	
				425 - 433	543.8	53.2	R.LLEGEEQRL.C	
				54 - 64	545.8	80.4	R.SVSALGSCGPR. I	Carbamidomethyl: 8
				31 - 39	549.27	53.7	R.CCISAAPYR.G	Carbamidomethyl: 1, 2
				257 - 264	554.32	49.9	R.RLYEEIR.V	
				404 - 412	564.25	51.7	K.EYQEVMSK.L	
				424 - 432	565.27	54.6	R.RLLEGEEQR.L	
				6 - 15	568.31	45.9	Y.RISPGYSVTR.T	
				230 - 238	570.28	47.7	K.DVDCAYLRK.S	Carbamidomethyl: 4
				229 - 237	570.31	68.3	K.KDVDCAYLR.K	Carbamidomethyl: 5
				128 - 141	575.66	44.3	K.CLNNRFAAFIDK VR.F	Carbamidomethyl: 1; Deamidated: 3
				16 - 26	577.75	73.3	R.TFSSCSAVAPK. T	Carbamidomethyl: 5
				334 - 347	581.36	57.6	R.TKEEINELNRVIQ R.L	
				334 - 347	581.67	50	R.TKEEINELNRVIQ R.L	Deamidated: 6
				140 - 153	582.65	27.6	K.VRFLEQQNKLL TK.L	
				394 - 403	589.31	71.3	K.AKQDMACLLK.E	Carbamidomethyl: 7
				218 - 228	596.83	83.1	R.ATAENEFVALK. K	
				181 - 191	597.72	89.2	R.EAECADSGR.	Carbamidomethyl:

							L	4
				383 - 393	600.38	84.8	C.KLAGLEEALQK. A	
				279 - 288	605.76	41.2	K.MDNSRDLNMD. N	
				317 - 326	609.86	73.6	K.CEEIKATVIR.H	Carbamidomethyl: 1
				113 - 127	610.3	58.1	D.PNAQCVKQEEK EQIK.C	Carbamidomethyl: 5
				348 - 363	612.01	40.4	R.LTAEVENAKCQ NSKLE.A	Carbamidomethyl: 10
				307 - 316	613.77	54.7	R.AEAESWYRSK.C	
				424 - 433	621.87	37.2	R.RLLEGEEQRL.C	
				334 - 343	623.33	85.6	R.TKEEINELNR.V	
				305 - 314	627.84	69.5	R.SRAEAESWYR.S	
				285 - 295	630.41	98	D.LNMDNIVAEIK.A	
				413 - 423	632.39	96.6	K.LGLDIEIATYR.R	
				384 - 395	635.89	76.4	K.LAGLEEALQKAK .Q	
				109 - 119	643.84	65	N.LEIDPNAQCVK. Q	Carbamidomethyl: 9
				208 - 217	646.83	50	K.KRYEEVALR.A	
				279 - 295	660.35	40.9	K.MDNSRDLNMDN IVAEIK.A	Deamidated: 3
				218 - 229	660.82	87.3	R.ATAENEFVALKK .D	
				279 - 295	665.31	51.1	K.MDNSRDLNMDN IVAEIK.A	Oxidation: 9
				382 - 393	680.42	93.2	K.CKLAGLEEALQK .A	Carbamidomethyl: 1
				284 - 295	687.88	92	R.DLNMDNIVAEIK. A	
				4 - 15	693.3	79.2	R.SYRISPGYSVTR .T	
				284 - 295	695.88	77.7	R.DLNMDNIVAEIK. A	Oxidation: 4
				396 - 412	696.37	30.4	K.QDMACLLKEYQ EVMNSK.L	Carbamidomethyl: 5
				284 - 295	696.88	37.9	R.DLNMDNIVAEIK. A	Oxidation: 4; Deamidated: 3, 6
				191 - 208	698.4	43.3	G.RLSSELNSLQEV LEGYKK.R	
				192 - 209	698.41	30.3	R.LSSELNSLQEV EGYKKR.Y	
				333 - 343	701.36	63.2	R.RTKEEINELNR.V	
				315 - 326	717.35	80.3	R.SKCEEIKATVIR. H	Carbamidomethyl: 3
				142 - 153	745.9	62.8	R.FLEQQNKLLET .L	
				142 - 153	746.4	57.5	R.FLEQQNKLLET .L	Deamidated: 6
				384 - 403	749.43	37.7	K.LAGLEEALQKAK QDMACLLK.E	Carbamidomethyl: 17; Oxidation: 15
				265 - 278	755.5	79.2	R.VLQAHISDTSVIV K.M	
				296 - 314	761.65	38	K.AHYDDIASRSRA EAESWYR.S	
				394 - 412	762.68	55.4	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7
				394 - 412	768.04	42.5	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 16
				210 - 229	770.74	82.2	R.YEEEEVALRATAE NEFVALKK.D	

				394 - 412	773.37	34.6	K.AKQDMAALLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 5, 16
				149 - 160	776.94	80.9	K.LLETKLQFYQNR .Q	
				238 - 257	783.12	70.8	R.KSDLEANVEALI QETDFLR.L	
				348 - 361	796.4	89	R.LTAEVENAKCQ NSK.L	Carbamidomethyl: 10
				348 - 361	796.84	46.1	R.LTAEVENAKCQ NSK.L	Carbamidomethyl: 10; Deamidated: 7
				284 - 304	801.74	68.2	R.DLNMDNIVAEIK AHYDDIASR.S	
				284 - 304	807.43	50.1	R.DLNMDNIVAEIK AHYDDIASR.S	Oxidation: 4; Deamidated: 3
				142 - 160	814.09	71	R.FLEQQNKLLET LQFYQNR.Q	
				258 - 278	814.79	54.3	R.LYEEEIRVLQAH SDTSVIVK.M	
				161 - 180	824.77	39.8	R.QCCESNLEPLFS GYIETLR.R	Carbamidomethyl: 2, 3
				433 - 448	847.39	132.1	R.LCEGVGAVNVC VSSSR.G	Carbamidomethyl: 2, 11
				433 - 448	847.96	34.7	R.LCEGVGAVNVC VSSSR.G	Carbamidomethyl: 2, 11; Deamidated: 9
				357 - 381	877.74	72.1	K.CQNSKLEAAVT QAEQQGEAALAD AK.C	Carbamidomethyl: 1
				425 - 448	883.4	57.5	R.LLEGEEQRLCE GVGAVNVCVSSS R.G	Carbamidomethyl: 10, 19
				192 - 207	904.97	119.6	R.LSSELNSLQEV EGYK.K	
				192 - 207	905.49	89	R.LSSELNSLQEV EGYK.K	Deamidated: 6
				192 - 207	905.95	36	R.LSSELNSLQEV EGYK.K	Deamidated: 6, 9
				83 - 101	915.95	64.9	R.SGGVGGGLSP PCITTVSVNE.S	Carbamidomethyl: 11
				192 - 208	968.98	75.6	R.LSSELNSLQEV EGYK.K	
				192 - 208	969.53	40.3	R.LSSELNSLQEV EGYK.K	Deamidated: 6
				279 - 295	989.45	103.2	K.MDNSRDLNMDN IVAEIK.A	
				181 - 207	995.45	47.7	R.EAECADSGR LSSELNSLQEV GYK.K	Carbamidomethyl: 4
				279 - 304	1003.43	48.3	K.MDNSRDLNMDN IVAEIKAHYDDIAS R.S	Deamidated: 3, 8
				362 - 381	1007.52	138.6	K.LEAAVTQAEQQ GAAALADAK.C	
				102 - 119	1013.02	82.8	E.SLLTPLNLEID PNAQCQV.K	Carbamidomethyl: 16
				239 - 256	1032.05	125.8	K.SDLEANVEAL IQETDFLR.R	
				238 - 256	1096.03	175.5	R.KSDLEANVEAL IQETDFLR.R	
				83 - 116	1150.89	50.1	R.SGGVGGGLSP PCITTVSVNESLL TPLNLEIDPNAQ.C	Carbamidomethyl: 11; Deamidated: 26
				161 - 179	1158.61	94.5	R.QCCESNLEPLFS GYIETLR.R	Carbamidomethyl: 2, 3
KAP11.1	gij999000018	16.7	525.8	145 - 156	511.56	33.5	R.TYQQSCVSSCR	Carbamidomethyl:

							R.I	6, 10; Deamidated: 4
				145 - 156	511.88	25.2	R.TYQQSCVSSCR R.I	Carbamidomethyl: 6, 10; Deamidated: 3, 4
				145 - 155	688.24	73.1	R.TYQQSCVSSCR. R	Carbamidomethyl: 6, 10
				145 - 155	688.74	79.5	R.TYQQSCVSSCR. R	Carbamidomethyl: 6, 10; Deamidated: 3
				145 - 155	688.75	67.2	R.TYQQSCVSSCR. R	Carbamidomethyl: 6, 10; Deamidated: 4
				145 - 155	689.24	58	R.TYQQSCVSSCR. R	Carbamidomethyl: 6, 10; Deamidated: 3, 4
				121 - 135	752.89	44.9	R.SISTVCQPVGGV STI.C	Carbamidomethyl: 6
				57 - 78	872.03	37.6	C.CEPTVCQSTCY QPTPCVSSPVR.V	Carbamidomethyl: 1, 6, 10, 16; Deamidated: 12
				121 - 139	995.96	106.8	R.SISTVCQPVGGV STICQPT.C	Carbamidomethyl: 6, 16
KAP13.1	gij999000030	17.4	849.7	13 - 19	448.69	37	L.SLRDHLR.Y	
				148 - 157	526.28	47.6	R.SGQSLSFQPT.C	
				136 - 144	576.32	40.6	R.SSFYRPTFF.S	
				136 - 145	619.83	32.2	R.SSFYRPTFFS.S	
				80 - 90	638.81	40.8	R.TSTFFSPCQTT. C	Carbamidomethyl: 8
				63 - 74	647.81	53.9	R.TQTVVSSPCQT S.C	Carbamidomethyl: 9
				63 - 79	676.27	27.3	R.TQTVVSSPCQT SCYRPR.T	Carbamidomethyl: 9, 13
				63 - 79	676.64	26.6	R.TQTVVSSPCQT SCYRPR.T	Carbamidomethyl: 9, 13; Deamidated: 10
				148 - 161	706.8	42.8	R.SGQSLSFQPTC GSG.F	Carbamidomethyl: 11
				136 - 147	741.34	41	R.SSFYRPTFFSSR .S	
				148 - 163	861.91	104.7	R.SGQSLSFQPTC GSGFY.-	Carbamidomethyl: 11
				148 - 163	862.36	87.2	R.SGQSLSFQPTC GSGFY.-	Carbamidomethyl: 11; Deamidated: 3
				20 - 36	934.35	119.4	R.YSGSSCGSSFP SNLVYR.T	Carbamidomethyl: 6
				20 - 36	934.84	103.5	R.YSGSSCGSSFP SNLVYR.T	Carbamidomethyl: 6; Deamidated: 13
KAP15.1	gij999000032	14.6	239.9	68 - 82	639.66	34.1	R.FFQTSCSHPQN FIFR.S	Carbamidomethyl: 6; Deamidated: 10
				68 - 82	958.41	98	R.FFQTSCSHPQN FIFR.S	Carbamidomethyl: 6
				68 - 82	958.92	88.4	R.FFQTSCSHPQN FIFR.S	Carbamidomethyl: 6; Deamidated: 3
KAP16.2	gij999000035	6	260.9	1 - 19	1063.96	124.5	- .SYYYGNYYGGLG YGLGGFR.G	
				1 - 19	1064.47	136.3	- .SYYYGNYYGGLG YGLGGFR.G	Deamidated: 6
KAP19.1	gij999000033	7.7	92.8	25 - 33	530.68	50.6	R.GCGCGSFCR.L	Carbamidomethyl: 2, 4, 8
KAP19.3	gij999000016	7.6	600	59 - 65	405.7	52.9	R.CPSSFGR.Y	Carbamidomethyl: 1

				26 - 32	422.18	42	G.CGCGSFR.R	Carbamidomethyl: 1, 3
				25 - 32	450.64	44.2	R.GCGCGSFR.R	Carbamidomethyl: 2, 4
				15 - 24	462.75	40.5	Y.GGFGGLGFR. G	
				13 - 24	572.8	76.8	Y.GYGGFGGLGFG R.G	
				33 - 44	609.83	28.2	R.RLGFSTGFGGY G.C	
				12 - 24	654.33	66.7	G.YGYGGFGGLGF GR.G	
				9 - 24	767.88	101.9	S.GLGYGYGGFGG LGFR.G	
				59 - 72	831.33	45.8	R.CPSSFGRYGF SFY.-	Carbamidomethyl: 1
				34 - 65	1122.11	53.3	R.LGFSTGFGGYG CGSGFGSFGYGY NRCPSSFGR.Y	Carbamidomethyl: 12, 26; Deamidated: 24
KAP19.5	gij999000015	7.7	588.2	26 - 32	422.18	42	G.CGCGSFR.R	Carbamidomethyl: 1, 3
				34 - 41	427.2	56.1	R.LGCGSGFR.G	Carbamidomethyl: 3
				25 - 32	450.64	44.2	R.GCGCGSFR.R	Carbamidomethyl: 2, 4
				15 - 24	462.75	40.5	Y.GGFGGLGFR. G	
				65 - 72	512.22	35.4	R.RCGFSSFY.-	Carbamidomethyl: 2
				13 - 24	572.8	76.8	Y.GYGGFGGLGFG R.G	
				12 - 24	654.33	66.7	G.YGYGGFGGLGF GR.G	
				42 - 55	677.75	74.1	R.GYGCDSGFGSF GSG.C	Carbamidomethyl: 4
				9 - 24	767.88	101.9	R.GLGYGYGGFGG LGFR.G	
				42 - 64	876.7	33.2	R.GYGCDSGFGSF GSGCHRPLFFR. R	Carbamidomethyl: 4, 15, 16
KAP19.6	gij999000034	7.7	466.5	26 - 32	422.18	42	G.CGCGSFR.R	Carbamidomethyl: 1, 3
				25 - 32	450.64	44.2	R.GCGCGSFR.R	Carbamidomethyl: 2, 4
				15 - 24	462.75	40.5	Y.GGFGGLGFR. G	
				65 - 72	512.22	35.4	R.RCGFSSFY.-	Carbamidomethyl: 2
				13 - 24	572.8	76.8	Y.GYGGFGGLGFG R.G	
				12 - 24	654.33	66.7	G.YGYGGFGGLGF GR.G	
				9 - 24	767.88	101.9	G.GLGYGYGGFGG LGFR.G	
				1 - 24	851.69	58.9	- .CHYSNHYGGLGY GYGGFGGLGFR. G	Carbamidomethyl: 1
KAP24.1 Partial	gij999000055	21	197.1	177 - 192	866.42	77.8	R.SYQDLGFIPSGF SASR.Y	
				23 - 38	929.44	119.3	R.THYFPVTGSVA LCSR.H	Carbamidomethyl: 14
KAP6.3	gij999000020	8.3	815.5	42 - 49	460.19	45	G.CGYGYGSR.S	Carbamidomethyl: 1
				21 - 35	566.29	25.3	G.LGCGYGSCYGS	Carbamidomethyl:

							GFRR.L	3, 8
				50 - 61	630.73	71.7	R.SLCGSGYGCGS R.P	Carbamidomethyl: 3, 9
				36 - 47	642.24	50.8	R.LGCGYGCGYGY G.S	Carbamidomethyl: 3, 7
				38 - 49	678.74	76.7	G.CGYGCGYGYG SR.S	Carbamidomethyl: 1, 5
				70 - 82	719.28	46.1	G.CGSGYGSGFGY YY.-	Carbamidomethyl: 1
				36 - 49	763.79	98.2	R.LGCGYGCGYGY GSR.S	Carbamidomethyl: 3, 7
				21 - 34	770.8	81.4	G.LGCGYGSCYGS GFR.R	Carbamidomethyl: 3, 8
				50 - 64	817.33	27	R.SLCGSGYGCGS RPLY.G	Carbamidomethyl: 3, 9
				35 - 49	841.79	73.5	R.RLGCGYGCGYGY YGSR.S	Carbamidomethyl: 4, 8
				50 - 65	845.82	104.8	R.SLCGSGYGCGS RPLYG.C	Carbamidomethyl: 3, 9
				50 - 68	1035.9	73.1	R.SLCGSGYGCGS RPLYGCGY.G	Carbamidomethyl: 3, 9, 17
				50 - 69	1064.41	41.8	R.SLCGSGYGCGS RPLYGCGY.G.C	Carbamidomethyl: 3, 9, 17
KAP8.1	gij999000043	6.7	129.4	54 - 60	468.81	51.7	R.RFWPFALY	
				54 - 61	550.3	61.2	R.RFWPFALY.-	
KAP9.2	gij999000072	30.4	216.6	236 - 242	469.68	39.3	R.TCYHPTC.C	Carbamidomethyl: 2, 7
				236 - 243	549.66	51.2	R.TCYHPTCC.C	Carbamidomethyl: 2, 7, 8
				38 - 53	936.39	30.1	R.TTCSKPTCVTTC CQPA.C	Carbamidomethyl: 3, 8, 12, 13
				277 - 291	952.78	78.3	R.CRPSCVSSCCQ PSCC.-	Carbamidomethyl: 1, 5, 9, 10, 14, 15
KAP9.2- like	gij999000057	20.6	238.9	140 - 145	395.68	28.8	R.ICYHPT.C	Carbamidomethyl: 2
				140 - 146	475.73	40.4	R.ICYHPTC.C	Carbamidomethyl: 2, 7
				140 - 147	555.73	50.8	R.ICYHPTCC.C	Carbamidomethyl: 2, 7, 8
				16 - 30	930.29	77.2	R.TTCESSGCQP CCPR.T	Carbamidomethyl: 3, 4, 9, 12, 13
KAP4.9	gij999000125	17.2	240.3	3 - 16	810.23	64.9	S.SCCGSVCSDQS CGR.S	Carbamidomethyl: 2, 3, 7, 12
				2 - 16	853.76	69.8	V.SSCCGSVCSDQ SCGR.S	Carbamidomethyl: 3, 4, 8, 13
				96 - 108	854.78	105.5	R.CCQPVCCQPSC PR.I	Carbamidomethyl: 1, 2, 6, 7, 11
K34	gij309323371	46.6	6627.7	240 - 245	366.16	42.1	R.VLNETR.A	
				152 - 158	412.21	62.1	K.LASDDFR.T	
				83 - 89	412.24	59	R.LASYLEK.V	
				208 - 218	442.91	71.7	K.KNHEEEANSLR. S	
				219 - 226	451.77	30.7	R.SQLGDRLN.V	
				201 - 207	452.73	35.1	K.EELLCLK.K	Carbamidomethyl: 5
				159 - 165	456.77	43.6	R.TKYESER.S	
				96 - 103	474.21	51.3	R.ENAELESR.I	
				374 - 382	482.26	41	R.GLLDSEDSK.L	
				246 - 257	483.91	67.4	R.AQYEALVETNR R.D	
				246 - 257	484.26	49	R.AQYEALVETNR R.D	Deamidated: 2
				125 - 132	494.74	62.4	R.TIEELQQK.I	

				143 - 151	507.36	65.2	R.LVIQIDNAK.L	
				75 - 82	512.78	29.9	E.TMQFLNDR.L	
				75 - 82	520.79	47.5	E.TMQFLNDR.L	Oxidation: 2
				152 - 160	526.82	26.4	K.LASDDFRTK.Y	
				117 - 124	537.81	50.6	C.PNYQSYFR.T	
				83 - 91	539.83	76.2	R.LASYLEKVR.Q	
				166 - 179	544	69.2	R.SLRQLVESDINS LR.R	
				181 - 189	552.85	78.5	R.ILDELTICK.S	Carbamidomethyl: 8
				258 - 265	555.25	54.6	R.DVEEWYIR.Q	
				365 - 373	562.76	65.1	R.LESEINTYR.G	
				365 - 373	563.28	59.6	R.LESEINTYR.G	Deamidated: 6
				219 - 228	565.83	75.5	R.SQLGDRLNVE.V	
				124 - 132	572.81	46.6	F.RTIEELQK.I	
				152 - 165	572.99	41.5	K.LASDDFRTKYES ER.S	
				90 - 103	577.27	32.6	K.VRQLERENAELE SR.I	Deamidated: 3
				74 - 82	577.29	63.1	K.ETMQFLNDR.L	
				74 - 82	577.79	43.9	K.ETMQFLNDR.L	Deamidated: 4
				74 - 82	585.22	58.7	K.ETMQFLNDR.L	Oxidation: 3
				166 - 180	596.02	60.8	R.SLRQLVESDINS LRR.I	
				209 - 218	599.75	54	K.NHEEEANSLR.S	
				209 - 218	600.26	46.4	K.NHEEEANSLR.S	Deamidated: 1
				190 - 200	609.87	97.6	K.SDLEAQVESLK. E	
				198 - 207	616.9	40.9	E.SLKEELLCLK.K	Carbamidomethyl: 8
				180 - 189	630.91	40.3	R.RILDELTICK.S	Carbamidomethyl: 9
				257 - 265	633.28	53.4	R.RDVEEWYIR.Q	
				63 - 73	644.8	56.8	W.FCEGSFNGNEK .E	Carbamidomethyl: 2
				246 - 256	647.36	88.2	R.AQYEALVETNR. R	
				293 - 309	664.4	59.1	R.RTVNALEVELQA QHNL.R.D	
				240 - 256	669.35	64.4	R.VLNETRAQYEAL VETNR.R	
				363 - 373	676.37	92.5	K.ARLESEINTYR.G	
				311 - 322	682.31	85.3	D.SLENTLTETEAR. Y	
				374 - 386	687.84	51.6	R.GLLDSEDSKLPS N.P	
				346 - 362	693.07	49.6	R.SDLERQNQEYQ VLLDVK.A	
				72 - 82	705.85	53.4	N.EKETMQFLNDR. L	
				125 - 142	716.39	64.3	R.TIEELQKILCAK SENSR.L	Carbamidomethyl: 11
				240 - 257	721.39	41.2	R.VLNETRAQYEAL VETNR.R.D	
				245 - 256	725.38	63.2	T.RAQYEALVETNR .R	
				246 - 257	725.86	35.9	R.AQYEALVETNR R.D	Deamidated: 10
				196 - 207	730.94	73.1	Q.VESLKEELLCLK. K	Carbamidomethyl: 10
				92 - 103	737.36	53.4	R.QLERENAELES	

							R.I	
			92 - 103	737.8	57.7		R.QLERENAELES R.I	Deamidated: 1
			74 - 91	738.4	85.8		K.ETMQFLNDRLA SYLEKVR.Q	
			310 - 322	739.86	110.7		R.DSLENTLTETEA R.Y	
			310 - 322	740.35	84.4		R.DSLENTLTETEA R.Y	Deamidated: 5
			387 - 399	743.24	104.7		N.PCATTNASSNF CR.S	Carbamidomethyl: 2, 12
			74 - 91	743.73	32.9		K.ETMQFLNDRLA SYLEKVR.Q	Oxidation: 3
			190 - 208	744.78	36.3		K.SDLEAQVESLKE ELLCLKK.N	Carbamidomethyl: 16
			18 - 29	753.85	65.7		M.SYSCCLPTLSYR .S	Carbamidomethyl: 4, 5
			297 - 309	760.93	66.3		N.ALEVELQAQHNL R.D	
			219 - 239	761.77	25.3		R.SQLGDRLNVEV DAAPTVDLNR.V	Deamidated: 2
			346 - 364	768.73	86.3		R.SDLERQNQEYQ VLLDVKAR.L	
			225 - 245	780.07	46.8		R.LNVEVDAAPTVD LNRVLNETR.A	
			125 - 137	787.45	73.6		R.TIEELQQKILCAK .S	Carbamidomethyl: 11
			70 - 82	791.34	57.9		N.GNEKETMQFLN DR.L	
			138 - 151	793.91	53.2		K.SENSRLVIQIDN AK.L	
			138 - 158	798.06	35.4		K.SENSRLVIQIDN AKLASDDFR.T	Deamidated: 12
			225 - 239	813.43	102.5		R.LNVEVDAAPTVD LNR.V	
			30 - 43	813.79	48.3		R.SSCSSRPCVPS SCR.G	Carbamidomethyl: 3, 8, 13
			106 - 124	815.01	74.1		R.ERSQQQEPLLC PNYQSYFR.T	Carbamidomethyl: 11
			273 - 293	821.78	44.7		K.QVVSSEQLQS YQAEIILRR.T	
			231 - 245	834.92	43.4		D.AAPTVDLNRVLN ETR.A	
			246 - 265	847.4	25.5		R.AQYEALVETNR RDVEEWYIR.Q	
			351 - 364	852.44	56.5		R.QNQEYQVLLDV KAR.L	
			90 - 103	864.89	63.8		K.VRQLERENAELE SR.I	
			143 - 158	909.47	98.3		R.LVIQIDNAKLASD DFR.T	
			75 - 89	914.97	89.7		E.TMQFLNDRLAS YLEK.V	
			74 - 88	915.42	54.1		K.ETMQFLNDRLA SYLE.K	
			294 - 309	917.99	119.9		R.TVNALEVELQAQ HNLR.D	
			294 - 309	918.46	65		R.TVNALEVELQAQ HNLR.D	Deamidated: 3
			294 - 309	918.47	86.3		R.TVNALEVELQAQ HNLR.D	Deamidated: 10
			286 - 309	939.52	63		Q.AEIIELRRTVNAL EVELQAQHNL.R.D	Deamidated: 11
			374 - 399	947.74	76		R.GLLDSEDSKLPS NPCATTNASSNFC	Carbamidomethyl: 15, 25

							R.S	
				374 - 399	948.09	92	R.GLLDSEDSKLPS NPCATTNASSNFC R.S	Carbamidomethyl: 15, 25; Deamidated: 19
				383 - 399	948.85	128	K.LPSNPCATTNAS SNFCR.S	Carbamidomethyl: 6, 16
				258 - 272	976.47	63.8	R.DVEEWYIRQTE ELNK.Q	
				74 - 89	979.47	57.9	K.ETMQFLNDRLA SYLEK.V	
				74 - 89	979.98	64.9	K.ETMQFLNDRLA SYLEK.V	Deamidated: 7
				74 - 89	987.46	36.8	K.ETMQFLNDRLA SYLEK.V	Oxidation: 3
				181 - 197	988.5	46.1	R.ILDELTCKSDLE AQVE.S	Carbamidomethyl: 8
				219 - 245	998.85	36	R.SQLGDRLNVEV DAAPTVDLNRVLN ETR.A	
				190 - 207	1052.61	104.4	K.SDLEAQVESLKE ELLCLK.K	Carbamidomethyl: 16
				181 - 207	1064.23	28	R.ILDELTCKSDLE AQVESLKEELLCL K.K	Carbamidomethyl: 8, 25; Deamidated: 15
				45 - 73	1067.79	46.2	G.TTLPGACNIPAN VGSCNWFCEGSF NGNEK.E	Carbamidomethyl: 7, 16, 20
				108 - 124	1079.49	91.7	R.SQQQEPLLCPN YQSYFR.T	Carbamidomethyl: 9
				108 - 124	1079.99	81.4	R.SQQQEPLLCPN YQSYFR.T	Carbamidomethyl: 9; Deamidated: 2
				294 - 322	1099.23	38.1	R.TVNALEVELQAQ HNLRDSENTLLE TEAR.Y	Deamidated: 12
				219 - 239	1141.56	82.6	R.SQLGDRLNVEV DAAPTVDLNR.V	
				219 - 239	1142.06	34	R.SQLGDRLNVEV DAAPTVDLNR.V	Deamidated: 20
K75	gj 999000081	58.8	373.7	164 - 170	453.75	35.3	R.FLEQQNK.V	
				308 - 319	651.91	107.7	R.SLDLDSIIAEVK. A	
K83	gj 312283588	53.9	6856.2	219 - 227	375.85	29.3	K.DVDCAYVRK.S	Carbamidomethyl: 4
				39 - 44	378.17	30.9	R.GISCYR.G	Carbamidomethyl: 4
				122 - 128	406.2	52.8	R.FAAFIDK.V	
				45 - 53	426.21	57.8	R.GLTGGFGSR.S	
				131 - 137	453.75	35.3	R.FLEQQNK.L	
				402 - 413	473.93	60.9	K.LGLDIEIATYRR.L	
				247 - 253	476.25	53.8	R.LYEEEIR.V	
				143 - 149	477.31	43.4	K.LQFFQNR.Q	Deamidated: 6
				414 - 421	487.22	73.6	R.LLEGEEQR.L	
				337 - 345	487.78	54.2	R.LTAEVENAK.C	
				117 - 128	490.26	48.4	K.CLNNRFAAFIDK. V	Carbamidomethyl: 1
				294 - 305	490.58	47.6	R.SRAEAEWYRS K.C	
				333 - 345	490.94	57.7	R.VIQRLTAEVENA K.C	
				219 - 226	499.25	55.5	K.DVDCAYVR.K	Carbamidomethyl: 4
				44 - 53	504.24	30.1	Y.RGLTGGFGSR.S	

				199 - 206	504.78	64.6	K.YEEEEVALR.A	
				325 - 336	504.93	31.9	K.EEINELNRVIQR. L	
				296 - 303	506.22	60.9	R.AEAESWYR.S	
				16 - 29	507.88	42.1	R.AFSCVSACGPR PGR.C	Carbamidomethyl: 4, 8
				325 - 332	508.75	40.7	K.EEINELNR.V	
				285 - 293	519.76	75	K.AQYDDIASR.S	
				285 - 293	520.26	25.9	K.AQYDDIASR.S	Deamidated: 2
				39 - 53	529.94	37.5	R.GISCYRGLTGGF GSR.S	Carbamidomethyl: 4
				122 - 130	533.78	70	R.FAAFIDKVR.F	
				373 - 382	536.29	87.2	K.LAGLEELQK.A	
				414 - 422	543.8	53.2	R.LLEGEEQRL.C	
				246 - 253	554.32	49.9	R.RLYEEEEIR.V	
				30 - 38	556.29	67.9	R.CCITAAPYR.G	Carbamidomethyl: 1, 2
				393 - 401	564.25	51.7	K.EYQEVMSK.L	
				413 - 421	565.27	54.6	R.RLLEGEEQR.L	
				198 - 206	568.81	73.8	K.KYEEEEVALR.A	
				117 - 130	575.66	44.3	K.CLNNRFAAFIDK VR.F	Carbamidomethyl: 1; Deamidated: 3
				4 - 15	579.81	77.2	C.GFSTVSGSGFS R.A	
				323 - 336	581.36	57.6	R.TKEEINELNRVIQ R.L	
				323 - 336	581.67	50	R.TKEEINELNRVIQ R.L	Deamidated: 6
				129 - 142	582.65	27.6	K.VRFLEQQNKLE TK.L	
				383 - 392	589.31	71.3	K.AKQDMACLLK.E	Carbamidomethyl: 7
				207 - 217	596.83	83.1	R.ATAENEFVALK. K	
				372 - 382	600.38	84.8	C.KLAGLEELQK. A	
				268 - 277	605.76	41.2	K.MDNSRDNLMD. C	
				16 - 26	606.22	73.9	R.AFSCVSACGPR. P	Carbamidomethyl: 4, 8
				306 - 315	609.86	73.6	K.CEEIKATVIR.H	Carbamidomethyl: 1
				102 - 116	610.3	58.1	D.PNAQCVKQEEK EQIK.C	Carbamidomethyl: 5
				170 - 180	611.72	87.5	R.EAECVEADSGR. L	Carbamidomethyl: 4
				337 - 352	612.01	40.4	R.LTAEVENAKCQ NSKLE.A	Carbamidomethyl: 10
				296 - 305	613.77	54.7	R.AEAESWYRSK.C	
				30 - 44	616.6	35	R.CCITAAPYRGIS CYR.G	Carbamidomethyl: 1, 2, 13
				413 - 422	621.87	37.2	R.RLLEGEEQRL.C	
				323 - 332	623.33	85.6	R.TKEEINELNR.V	
				294 - 303	627.84	69.5	R.SRAEAESWYR.S	
				402 - 412	632.39	96.6	K.LGLDIEIATYR.R	
				197 - 206	632.87	65	K.KKYEEEEVALR.A	
				29 - 38	634.25	35.1	G.RCCITAAPYR.G	Carbamidomethyl: 2, 3
				373 - 384	635.89	76.4	K.LAGLEELQKAK .Q	
				285 - 295	641.34	39.8	K.AQYDDIASRSR.	

							A	
			98 - 108	643.84	65		N.LEIDPNAQCVK. Q	Carbamidomethyl: 9
			181 - 197	658.38	35.7		R.LSSELNHHVQEV L EGYKK.K	
			207 - 218	660.82	87.3		R.ATAENEFVALKK .D	
			371 - 382	680.42	93.2		R.CKLAGLEELQK .A	Carbamidomethyl: 1
			54 - 66	685.77	33.5		R.SVCGGFRAGSC GR.S	Carbamidomethyl: 3, 11
			385 - 401	696.37	30.4		K.QDMAKLLKEYQ EVMNSK.L	Carbamidomethyl: 5
			181 - 198	701.04	26.8		R.LSSELNHHVQEV L EGYKKK.Y	
			322 - 332	701.36	63.2		R.RTKKEINELNR. V	
			2 - 15	710.27	112.4		M.TCGFSTVGS GSR.A	Carbamidomethyl: 2
			273 - 284	710.88	101.6		R.DLNMDICIVAEI K.A	Carbamidomethyl: 6
			438 - 451	711.78	101.9		R.GGVVCGDLCV S GSR.P	Carbamidomethyl: 5, 9
			304 - 315	717.35	80.3		R.SKCEEIKATVIR .H	Carbamidomethyl: 3
			273 - 284	718.85	83		R.DLNMDICIVAEI K.A	Carbamidomethyl: 6; Oxidation: 4
			254 - 267	743.95	105.8		R.VLQANISDTSVI V K.M	
			131 - 142	745.9	62.8		R.FLEQQNKLETK .L	
			131 - 142	746.4	57.5		R.FLEQQNKLETK .L	Deamidated: 6
			373 - 392	749.43	37.7		K.LAGLEELQKAK QDMAKLLK.E	Carbamidomethyl: 17; Oxidation: 15
			383 - 401	762.68	55.4		K.AKQDMAKLLKE YQEVMSK.L	Carbamidomethyl: 7
			40 - 53	765.81	40.4		G.ISCYRGLTGGF G SR.S	Carbamidomethyl: 3
			383 - 401	768.04	42.5		K.AKQDMAKLLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 16
			138 - 149	768.93	86.1		K.LLETKLQFFQNR .Q	
			199 - 218	770.74	82.2		K.YEEVEALRATAE NEFVALKK.D	
			383 - 401	773.37	34.6		K.AKQDMAKLLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 5, 16
			349 - 370	776.78	49		N.SKLEAAVTQAE QQGEVALNDAR.C	
			227 - 246	783.1	57.4		R.KSDLEANSEALI QEIDFLRR.L	
			337 - 350	796.4	89		R.LTAEVENAKCQ NSK.L	Carbamidomethyl: 10
			337 - 350	796.84	46.1		R.LTAEVENAKCQ NSK.L	Carbamidomethyl: 10; Deamidated: 7
			131 - 149	808.75	57.1		R.FLEQQNKLETK LQFFQNR.Q	
			273 - 293	814.09	102.2		R.DLNMDICIVAEI K AQYDDIASR.S	Carbamidomethyl: 6
			273 - 293	814.41	36.9		R.DLNMDICIVAEI K AQYDDIASR.S	Carbamidomethyl: 6; Deamidated: 3
			273 - 293	819.4	69.3		R.DLNMDICIVAEI K AQYDDIASR.S	Carbamidomethyl: 6; Oxidation: 4
			150 - 169	838.73	28.6		R.QCCESNLEPLFE GYIETLRR.E	Carbamidomethyl: 2, 3
			149 - 168	839.02	37.1		N.RQCCESNLEPL	Carbamidomethyl:

							FEGYIETLR.R	3, 4; Deamidated: 7
				422 - 437	847.39	132.1	R.LCEGVGAVNVC VSSSR.G	Carbamidomethyl: 2, 11
				422 - 437	847.96	34.7	R.LCEGVGAVNVC VSSSR.G	Carbamidomethyl: 2, 11; Deamidated: 9
				246 - 267	859.14	32.1	R.RLYEEEEIRVLQA NISDTSVIVK.M	
				414 - 437	883.4	57.5	R.LLEGEEQRLCE GVGAVNVCVSSS R.G	Carbamidomethyl: 10, 19
				346 - 370	910.77	86	K.CQNSKLEAAVT QAEQQGEVALND AR.C	Carbamidomethyl: 1
				346 - 370	911.11	33.5	K.CQNSKLEAAVT QAEQQGEVALND AR.C	Carbamidomethyl: 1; Deamidated: 15
				181 - 196	922.97	108.1	R.LSSELNHVQEV L EGYK.K	
				268 - 284	1012.43	96.1	K.MDNSRDLNMDC IVAEIK.A	Carbamidomethyl: 11
				91 - 108	1013.02	82.8	E.SLLTPLNLEIDPN AQCVK.Q	Carbamidomethyl: 16
				228 - 245	1032.47	45.2	K.SDLEANSEALIQ EIDFLR.R	Deamidated: 6
				351 - 370	1057	144	K.LEAAVTQAEQQ GEVALNDAR.C	
				351 - 370	1057.51	117.3	K.LEAAVTQAEQQ GEVALNDAR.C	Deamidated: 17
				351 - 370	1057.56	75.8	K.LEAAVTQAEQQ GEVALNDAR.C	Deamidated: 7
				227 - 245	1096.55	59.2	R.KSDLEANSEALI QEIDFLR.R	Deamidated: 7
				150 - 168	1179.55	107.6	R.QCCESNLEPLFE GYIETLR.R	Carbamidomethyl: 2, 3
K85	gij164652870	56.3	5157.3	156 - 165	412.87	31.3	K.CEEMKATVIR.H	Carbamidomethyl: 1
				19 - 30	452.59	30.6	R.REAEHVADSG R.L	
				252 - 263	473.93	60.9	K.LGLDIEIATYRR.L	
				264 - 271	487.22	73.6	R.LLEGEEQR.L	
				144 - 155	490.58	47.6	R.SRAEASWYRS K.C	
				187 - 195	494.82	65.5	R.LTAEIENAK.C	
				49 - 56	504.78	64.6	K.YEEVEALR.A	
				175 - 186	504.93	31.9	K.EEINELNRVIQR. L	
				146 - 153	506.22	60.9	R.AEAEWYR.S	
				69 - 76	506.24	47.7	K.DVDCAYLR.K	Carbamidomethyl: 4
				175 - 182	508.75	40.7	K.EEINELNR.V	
				135 - 143	519.76	75	K.AQYDDIASR.S	
				135 - 143	520.26	25.9	K.AQYDDIASR.S	Deamidated: 2
				328 - 337	523.18	66.5	R.ASSFSCGSSR.S	Carbamidomethyl: 6
				223 - 232	536.29	87.2	K.LAGLEEALQK.A	
				264 - 272	543.8	53.2	R.LLEGEEQRL.C	
				243 - 251	564.25	51.7	K.EYQEVMSK.L	
				263 - 271	565.27	54.6	R.RLLEGEEQR.L	
				48 - 56	568.81	73.8	K.KYEEVEALR.A	
				69 - 77	570.28	47.7	K.DVDCAYLRK.S	Carbamidomethyl:

								4
				68 - 76	570.31	68.3	K.KDVDCAYLR.K	Carbamidomethyl: 5
				173 - 186	581.36	57.6	R.TKEEINELNRVIQ R.L	
				173 - 186	581.67	50	R.TKEEINELNRVIQ R.L	Deamidated: 6
				233 - 242	589.31	71.3	K.AKQDMACLLK.E	Carbamidomethyl: 7
				20 - 30	600.24	77.6	R.EAEHVEADSGR. L	
				222 - 232	600.38	84.8	S.KLAGLEEALQK. A	
				118 - 127	605.76	41.2	K.MDNSRDLNMD. C	
				57 - 67	610.88	60.6	R.ATAENEFVVLK. K	
				146 - 155	613.77	54.7	R.AEAEWYRSK.C	
				263 - 272	621.87	37.2	R.RLLEGEEQRL.C	
				173 - 182	623.33	85.6	R.TKEEINELNR.V	
				144 - 153	627.84	69.5	R.SRAEAEWYR.S	
				252 - 262	632.39	96.6	K.LGLDIEIATYR.R	
				47 - 56	632.87	65	K.KKYEEEVALR.A	
				223 - 234	635.89	76.4	K.LAGLEEALQKAK .Q	
				135 - 145	641.34	39.8	K.AQYDDIASRSR. A	
				221 - 232	643.91	102.5	R.SKLAGLEEALQK .A	
				31 - 47	653.06	35.8	R.LASELNHVQEV EGYKK.K	
				31 - 47	653.38	26.8	R.LASELNHVQEV EGYKK.K	Deamidated: 6
				118 - 134	670.69	63.3	K.MDNSRDLNMDC VVAEIK.A	Carbamidomethyl: 11
				57 - 68	674.88	82	R.ATAENEFVVLK .D	
				235 - 251	696.37	30.4	K.QDMACLLKEYQ EVMNSK.L	Carbamidomethyl: 5
				172 - 182	701.36	63.2	R.RTKEEINELNR.V	
				123 - 134	703.87	87.8	R.DLNMDCCVVAEIK .A	Carbamidomethyl: 6
				123 - 134	711.89	85.7	R.DLNMDCCVVAEIK .A	Carbamidomethyl: 6; Oxidation: 4
				123 - 134	712.27	32	R.DLNMDCCVVAEIK .A	Carbamidomethyl: 6; Oxidation: 4; Deamidated: 3
				187 - 198	716.85	95.5	R.LTAEIENAKCQR. T	Carbamidomethyl: 10
				289 - 303	728.83	75.5	G.GVACGGLTYSS TAGR.Q	Carbamidomethyl: 4
				183 - 195	742.89	71	R.VIQRLTAEIENAK .C	
				221 - 234	743.46	71.6	R.SKLAGLEEALQK AK.Q	
				223 - 242	749.43	37.7	K.LAGLEEALQKAK QDMACLLK.E	Carbamidomethyl: 17; Oxidation: 15
				288 - 303	757.34	89.6	R.GGVACGGLTYS STAGR.Q	Carbamidomethyl: 5
				233 - 251	762.68	55.4	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7
				199 - 220	762.7	71.2	R.TKLEAAVAEAEQ QGAAALNDAR.S	Deamidated: 12

				77 - 96	764.39	97.5	R.KSDLEANVEALV EESNFLKR.L	
				233 - 251	768.04	42.5	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 16
				233 - 251	773.37	34.6	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 5, 16
				1 - 19	791.08	55.4	- .CCESNLEPLFNGY IETLRR.E	Carbamidomethyl: 1, 2
				97 - 117	800.78	73.9	R.LYDEEIQILNAHI SDTSVIVK.M	
				97 - 117	801.13	55.4	R.LYDEEIQILNAHI SDTSVIVK.M	Deamidated: 10
				123 - 143	809.43	83.4	R.DLNMDCVVAEIK AQYDDIASR.S	Carbamidomethyl: 6
				123 - 143	814.73	77.1	R.DLNMDCVVAEIK AQYDDIASR.S	Carbamidomethyl: 6; Oxidation: 4
				272 - 287	855.39	122	R.LCEGVGSVNVC VSSSR.G	Carbamidomethyl: 2, 11
				203 - 220	907.41	125.1	E.AAVAEAEQQGE AALNDAR.S	
				31 - 46	914.99	94.4	R.LASELNHVQEV EGYK.K	
				78 - 95	1004	111.9	K.SDLEANVEALVE ESNFLK.R	
				201 - 220	1028.52	147.1	K.LEAAVAEAEQQ GAAALNDAR.S	
				201 - 220	1028.97	131.9	K.LEAAVAEAEQQ GAAALNDAR.S	Deamidated: 17
				199 - 220	1143.03	151.1	R.TKLEAAVAEAEQ QGAAALNDAR.S	
				304 - 327	1191.59	103.9	R.QIASGPVATGGS ITVLAPDSCQPR.A	Carbamidomethyl: 21
KAP7	gij224555962	8.8	439	27 - 37	570.85	36	R.ATPLNCVVPLG. S	Carbamidomethyl: 6
				4 - 23	822.01	74.6	R.FFCCGSYFPGY PSYGTNFHR.T	Carbamidomethyl: 3, 4
				27 - 43	857.96	32.2	R.ATPLNCVVPLGS PLGYG.C	Carbamidomethyl: 6
				2 - 23	907.7	76.2	M.TRFFCCGSYFP GYPSYGTNFHR.T	Carbamidomethyl: 5, 6
				2 - 23	908.02	67.5	M.TRFFCCGSYFP GYPSYGTNFHR.T	Carbamidomethyl: 5, 6; Deamidated: 19
				8 - 23	925.42	65.2	C.GSYFPGYPSYG TNFHR.T	
				27 - 45	994.93	47.9	R.ATPLNCVVPLGS PLGYGCN.G	Carbamidomethyl: 6, 18
KAP3.2	gij229307	10.3	314.6	12 - 23	619.23	68.8	R.TGPATTICSSDK. F	Carbamidomethyl: 8
				27 - 37	644.28	50.7	R.CGVCLPSTCPH. N	Carbamidomethyl: 1, 4, 9
				12 - 24	692.85	64.4	R.TGPATTICSSDK F.C	Carbamidomethyl: 8
				12 - 26	850.86	94.3	R.TGPATTICSSDK FCR.C	Carbamidomethyl: 8, 14
				69 - 96	1023.47	36.4	N.SSHPTPGLSGIN LTTFIQPGCENVC EPR.C	Carbamidomethyl: 21, 25
KAP1.4	gij259221150	18.9	134	98 - 109	546.25	68.9	Y.GQVGSSGAVSS R.T	
				91 - 109	898.88	42.1	G.IGGSIDYGQVGS SGAVSSR.T	
KAP6.1	gij301171188	6.5	699.2	43 - 50	460.19	45	G.CGYGYGSR.S	Carbamidomethyl: 1

				22 - 36	566.29	25.3	G.LGCGYGSCYGS GFRR.L	Carbamidomethyl: 3, 8
				51 - 62	632.32	92.8	R.SLCGSGYGYGS R.S	Carbamidomethyl: 3
				37 - 48	642.24	50.8	R.LGCGYGCGYGY G.S	Carbamidomethyl: 3, 7
				39 - 50	678.74	76.7	G.CGYGCGYGYG SR.S	Carbamidomethyl: 1, 5
				71 - 83	719.28	46.1	G.CGSGYGSFGY YY.-	Carbamidomethyl: 1
				37 - 50	763.79	98.2	R.LGCGYGCGYGY GSR.S	Carbamidomethyl: 3, 7
				22 - 35	770.8	81.4	G.LGCGYGSCYGS GFR.R	Carbamidomethyl: 3, 8
				36 - 50	841.79	73.5	R.RLGCGYCGYGY YGSR.S	Carbamidomethyl: 4, 8
				63 - 83	1109.91	88.2	R.SLCGSGYGCGS GYGSGFGYYY.-	Carbamidomethyl: 3, 9
PREDIC TED: desmogl ein-4	gij426253981	113.8	332.6	1,037 - 1,045	570.24	51.9	R.YSNIHYSQQ.-	
				1,019 - 1,031	675.81	64	R.ISQTSSTSPVTS R.H	
				123 - 133	712.92	58.1	R.EITPLFLIYCR.A	Carbamidomethyl: 10
				774 - 792	1077.99	121.4	R.DYGDTGLNLAF LSYFSEK.A	
PREDIC TED: K34	gij426238003	46.6	6629.3	224 - 229	366.16	42.1	R.VLNETR.A	
				136 - 142	412.21	62.1	K.LASDDFR.T	
				67 - 73	412.24	59	R.LASYLEK.V	
				192 - 202	442.91	71.7	K.KNHEEEANSLR. S	
				203 - 210	451.77	30.7	R.SQLGDRLN.V	
				185 - 191	452.73	35.1	K.EELLCLK.K	Carbamidomethyl: 5
				143 - 149	456.77	43.6	R.TKYESER.S	
				80 - 87	474.21	51.3	R.ENAELESR.I	
				358 - 366	482.26	41	R.GLLDSEDSK.L	
				230 - 241	483.91	67.4	R.AQYEALVETNR R.D	
				230 - 241	484.26	49	R.AQYEALVETNR R.D	Deamidated: 2
				80 - 91	486.94	40.3	R.ENAELESRILER. S	
				109 - 116	494.74	62.4	R.TIEELQQK.I	
				127 - 135	507.36	65.2	R.LVIQIDNAK.L	
				59 - 66	512.78	29.9	E.TMQFLNDR.L	
				59 - 66	520.79	47.5	E.TMQFLNDR.L	Oxidation: 2
				136 - 144	526.82	26.4	K.LASDDFRTK.Y	
				101 - 108	537.81	50.6	C.PNYQSYFR.T	
				67 - 75	539.83	76.2	R.LASYLEKVR.Q	
				150 - 163	544	69.2	R.SLRQLVESDINS LR.R	
				165 - 173	552.85	78.5	R.ILDELTICK.S	Carbamidomethyl: 8
				242 - 249	555.25	54.6	R.DVEEWYIR.Q	
				349 - 357	562.76	65.1	R.LESEINTYR.G	
				349 - 357	563.28	59.6	R.LESEINTYR.G	Deamidated: 6

				203 - 212	565.83	75.5	R.SQLGDRLNVE.V	
				108 - 116	572.81	46.6	F.RTIEELQQK.I	
				136 - 149	572.99	41.5	K.LASDDFRTKYES ER.S	
				74 - 87	577.27	32.6	K.VRQLERENAELE SR.I	Deamidated: 3
				58 - 66	577.29	63.1	K.ETMQFLNDR.L	
				58 - 66	577.79	43.9	K.ETMQFLNDR.L	Deamidated: 4
				58 - 66	585.22	58.7	K.ETMQFLNDR.L	Oxidation: 3
				150 - 164	596.02	60.8	R.SLRQLVESDINS LRR.I	
				193 - 202	599.75	54	K.NHEEEANSLR.S	
				193 - 202	600.26	46.4	K.NHEEEANSLR.S	Deamidated: 1
				174 - 184	609.87	97.6	K.SDLEAQVESLK. E	
				182 - 191	616.9	40.9	E.SLKEELLCLK.K	Carbamidomethyl: 8
				164 - 173	630.91	40.3	R.RILDELTLCK.S	Carbamidomethyl: 9
				241 - 249	633.28	53.4	R.RDVEEWYIR.Q	
				47 - 57	644.8	56.8	W.FCEGSFNGNEK .E	Carbamidomethyl: 2
				230 - 240	647.36	88.2	R.AQYEALVETNR. R	
				92 - 102	650.33	45.9	R.SQQQEPLVCPN. Y	Carbamidomethyl: 9
				277 - 293	664.4	59.1	R.RTVNALEVELQA QHNL.R.D	
				224 - 240	669.35	64.4	R.VLNETRAQYEAL VETNR.R	
				347 - 357	676.37	92.5	K.ARLESEINTYR.G	
				295 - 306	682.31	85.3	D.SLENTLTETEAR. Y	
				358 - 370	687.84	51.6	R.GLLDSEDSKLPS N.P	
				330 - 346	693.07	49.6	R.SDLERQNQEYQ VLLDVK.A	
				56 - 66	705.85	53.4	N.EKETMQFLNDR. L	
				109 - 126	716.39	64.3	R.TIEELQQKILCAK SENSR.L	Carbamidomethyl: 11
				224 - 241	721.39	41.2	R.VLNETRAQYEAL VETNRR.D	
				229 - 240	725.38	63.2	T.RAQYEALVETNR .R	
				230 - 241	725.86	35.9	R.AQYEALVETNR R.D	Deamidated: 10
				180 - 191	730.94	73.1	Q.VESLKEELLCLK. K	Carbamidomethyl: 10
				76 - 87	737.36	53.4	R.QLERENAELES R.I	
				76 - 87	737.8	57.7	R.QLERENAELES R.I	Deamidated: 1
				58 - 75	738.4	85.8	K.ETMQFLNDRLA SYLEKVR.Q	
				294 - 306	739.86	110.7	R.DSLENTLTETEA R.Y	
				294 - 306	740.35	84.4	R.DSLENTLTETEA R.Y	Deamidated: 5
				371 - 383	743.24	104.7	N.PCATTNASSNF CR.S	Carbamidomethyl: 2, 12
				58 - 75	743.73	32.9	K.ETMQFLNDRLA SYLEKVR.Q	Oxidation: 3

				174 - 192	744.78	36.3	K.SDLEAQVESLKE ELLCLKK.N	Carbamidomethyl: 16
				2 - 13	753.85	65.7	M.SYSCCLPTLSYR .S	Carbamidomethyl: 4, 5
				281 - 293	760.93	66.3	N.ALEVELQAQHNL R.D	
				203 - 223	761.77	25.3	R.SQLGDRLNVEV DAAPTVDLNR.V	Deamidated: 2
				330 - 348	768.73	86.3	R.SDLERQHQEYQ VLLDVKAR.L	
				209 - 229	780.07	46.8	R.LNVEVDAAPTVD LNRVLNETR.A	
				109 - 121	787.45	73.6	R.TIEELQQKILCAK .S	Carbamidomethyl: 11
				54 - 66	791.34	57.9	N.GNEKETMQFLN DR.L	
				122 - 135	793.91	53.2	K.SENSRLVIQIDN AK.L	
				122 - 142	798.06	35.4	K.SENSRLVIQIDN AKLASDDFR.T	Deamidated: 12
				209 - 223	813.43	102.5	R.LNVEVDAAPTVD LNR.V	
				257 - 277	821.78	44.7	K.QVVSSEQLQS YQAEIILRR.T	
				215 - 229	834.92	43.4	D.AAPTVDLNRVLN ETR.A	
				230 - 249	847.4	25.5	R.AQYEALVETNR RDVEEWYIR.Q	
				335 - 348	852.44	56.5	R.QNQEYQVLLDV KAR.L	
				74 - 87	864.89	63.8	K.VRQLERENAELE SR.I	
				88 - 108	885.73	69.3	R.ILERSQQQEPLV CPNYQSYFR.T	Carbamidomethyl: 13
				127 - 142	909.47	98.3	R.LVIQIDNAKLASD DFR.T	
				59 - 73	914.97	89.7	E.TMQFLNDRLAS YLEK.V	
				58 - 72	915.42	54.1	K.ETMQFLNDRLA SYLE.K	
				278 - 293	917.99	119.9	R.TVNALEVELQAA HNLR.D	
				278 - 293	918.46	65	R.TVNALEVELQAA HNLR.D	Deamidated: 3
				278 - 293	918.47	86.3	R.TVNALEVELQAA HNLR.D	Deamidated: 10
				270 - 293	939.52	63	Q.AEIIELRRTVNAL EVELQAQHNL.R.D	Deamidated: 11
				358 - 383	947.74	76	R.GLLDSEDSKLPS NPCATTNASSNFC R.S	Carbamidomethyl: 15, 25
				358 - 383	948.09	92	R.GLLDSEDSKLPS NPCATTNASSNFC R.S	Carbamidomethyl: 15, 25; Deamidated: 19
				367 - 383	948.85	128	K.LPSNPCATTNAS SNFCR.S	Carbamidomethyl: 6, 16
				242 - 256	976.47	63.8	R.DVEEWYIRQTE ELNK.Q	
				58 - 73	979.47	57.9	K.ETMQFLNDRLA SYLEK.V	
				58 - 73	979.98	64.9	K.ETMQFLNDRLA SYLEK.V	Deamidated: 7
				58 - 73	987.46	36.8	K.ETMQFLNDRLA SYLEK.V	Oxidation: 3
				165 - 181	988.5	46.1	R.ILDELTLCKSDLE	Carbamidomethyl:

							AQVE.S	8
				203 - 229	998.85	36	R.SQLGDRLNVEV DAAPTVDLNRVLN ETR.A	
				174 - 191	1052.61	104.4	K.SDLEAQVESLKE ELLCLK.K	Carbamidomethyl: 16
				165 - 191	1064.23	28	R.ILDELTLCSDLE AQVESLKEELLCL K.K	Carbamidomethyl: 8, 25; Deamidated: 15
				29 - 57	1067.79	46.2	G.TTLPGACNIPAN VGSCNWFCEGSF NGNEK.E	Carbamidomethyl: 7, 16, 20
				92 - 108	1072.47	86.4	R.SQQQEPLVCPN YQSYFR.T	Carbamidomethyl: 9
				92 - 108	1072.97	60.2	R.SQQQEPLVCPN YQSYFR.T	Carbamidomethyl: 9; Deamidated: 4
				278 - 306	1099.23	38.1	R.TVNALEVELQAQ HNLRDSLENTLTE TEAR.Y	Deamidated: 12
				203 - 223	1141.56	82.6	R.SQLGDRLNVEV DAAPTVDLNR.V	
				203 - 223	1142.06	34	R.SQLGDRLNVEV DAAPTVDLNR.V	Deamidated: 20
PREDIC TED: K32	gij426238005	46	1074	133 - 139	404.2	53.7	K.LAADDFR.S	
				142 - 149	490.76	56.6	K.YETELGLR.Q	
				106 - 113	494.74	62.4	K.TIEELQQK.I	
				355 - 363	518.78	43.6	R.GLLDSEDCK.L	Carbamidomethyl: 8
				162 - 170	552.85	78.5	R.ILDELTLC.A	Carbamidomethyl: 8
				55 - 63	554.34	50.6	K.ETLQFLNSR.L	
				346 - 354	554.85	53.6	R.LEAEINTYR.G	
				71 - 83	557.31	29	R.VRQLERENVEL ER.R	
				388 - 401	570.54	33	R.TVCVPCVPCHP SCH.-	Carbamidomethyl: 3, 6, 9, 13
				140 - 149	598.35	62.7	R.SKYETELGLR.Q	
				161 - 170	630.91	40.3	R.RILDELTLC.A	Carbamidomethyl: 9
				344 - 354	668.33	67	R.ARLEAEINTYR.G D.SLENTLTETEAR. Y	
				292 - 303	682.31	85.3	R.DSLENTLTETEA R.Y	
				291 - 303	739.86	110.7	R.DSLENTLTETEA R.Y	Deamidated: 5
				332 - 343	766.93	42.2	R.QNQEYRVLLDV R.A	
				275 - 290	941.99	55.5	R.TVDTLEIELQTQ HSLR.D	
PREDIC TED: K18-like	gij426246505	47.9	386.7	158 - 164	404.2	53.7	R.LAADDFR.V	
				276 - 284	447.71	31	K.ESTAAVTSQ.N	Deamidated: 9
				372 - 380	554.85	53.6	K.LEAEINTYR.R	
				370 - 380	668.33	67	T.VKLEAEINTYR.R	
				276 - 290	724.87	56	K.ESTAAVTSQNAE IGA.A	
				276 - 290	725.38	65.6	K.ESTAAVTSQNAE IGA.A	Deamidated: 9
				149 - 164	916	33	R.IVLQIDNARLAAD	Deamidated: 7

							DFR.V	
PREDICTED: K39	gij426239024	56.9	457.7	128 - 133	388.25	47.5	K.VQMLER.E	
				121 - 127	426.24	45.5	R.LANYLEK.V	Deamidated: 3
				239 - 245	452.73	35.1	K.EELLCLK.N	Carbamidomethyl: 5
				163 - 170	494.74	62.4	A.TIEELQQK.I	
				236 - 245	616.9	40.9	Q.SLKEELLCLK.N	Carbamidomethyl: 8
				234 - 245	730.94	73.1	Q.VQSLKEELLCLK.N	Carbamidomethyl: 10; Deamidated: 2
				348 - 360	755.32	70	R.DSQECALTETEA R.Y	Carbamidomethyl: 5
PREDICTED: K40	gij426237961	47.4	1402.2	169 - 175	404.2	53.7	K.LAADDFR.S	
				100 - 106	412.24	59	R.LASYLEK.V	
				92 - 99	512.78	29.9	E.TMQFLNDR.L	
				92 - 99	520.79	47.5	E.TMQFLNDR.L	Oxidation: 2
				160 - 168	530.81	62.6	R.LAVQLDNCK.L	Carbamidomethyl: 8
				100 - 108	539.83	76.2	R.LASYLEKVR.G	
				91 - 99	577.29	63.1	K.ETMQFLNDR.L	
				91 - 99	577.79	43.9	K.ETMQFLNDR.L	Deamidated: 4
				91 - 99	585.22	58.7	K.ETMQFLNDR.L	Oxidation: 3
				382 - 390	599.3	75.6	R.LECEINTYR.G	Carbamidomethyl: 3
				226 - 235	606.31	55.3	K.SHEEEVNVLR.G	
				176 - 185	606.34	66.3	R.SKYESELSLR.Q	
				89 - 99	705.85	53.4	N.EKETMQFLNDR. L	
				380 - 390	712.84	60.4	K.ARLECEINTYR.G	Carbamidomethyl: 5
				91 - 108	738.4	85.8	K.ETMQFLNDRLA SYLEKVR.G	
				91 - 108	743.73	32.9	K.ETMQFLNDRLA SYLEKVR.G	Oxidation: 3
				92 - 106	914.97	89.7	E.TMQFLNDRLAS YLEK.V	
				91 - 105	915.42	54.1	K.ETMQFLNDRLA SYLEK	
				91 - 106	979.47	57.9	K.ETMQFLNDRLA SYLEK.V	
				91 - 106	979.98	64.9	K.ETMQFLNDRLA SYLEK.V	Deamidated: 7
				91 - 106	987.46	36.8	K.ETMQFLNDRLA SYLEK.V	Oxidation: 3
PREDICTED: K84	gij426224440	64.1	604.6	177 - 183	453.75	35.3	R.FLEQQNK.L	
				175 - 188	582.65	27.6	K.VRFLEQQNKLL TK.W	
				54 - 64	598.84	64.8	R.SVISFGSCSPR.I	Carbamidomethyl: 8
				530 - 542	629.88	110.2	R.VVGGDLLGVG CR.G	Carbamidomethyl: 12
				319 - 330	643.41	87.5	R.DLNVDGIIADIK.A	
				41 - 53	662.85	39.6	S.GPSFRGLSGFG SR.S	
				177 - 188	745.9	62.8	R.FLEQQNKLL ETK.W	

				177 - 188	746.4	57.5	R.FLEQQNKLLETK .W	Deamidated: 6
PREDIC TED: K85-like	gij426226634	56.3	2463.3	149 - 155	406.2	52.8	R.FAAFIDK.V	
				158 - 164	453.75	35.3	R.FLEQQNK.L	
				72 - 80	473.74	55.5	R.SLCAVGSPR.I	Carbamidomethyl: 3
				170 - 176	484.78	49.4	K.LQFYQNR.Q	
				170 - 176	485.29	39.8	K.LQFYQNR.Q	Deamidated: 6
				364 - 372	487.78	54.2	R.LTAEVENAK.Q	
				144 - 155	490.26	48.4	K.CLNNRFAAFIDK. V	Carbamidomethyl: 1
				360 - 372	490.94	57.7	R.VIQRLTAEVENA K.Q	
				352 - 363	504.93	31.9	K.EEINELNRVIQR. L	
				246 - 253	507.27	41.2	K.DTDCAYLR.K	Carbamidomethyl: 4
				352 - 359	508.75	40.7	K.EEINELNR.V	
				149 - 157	533.78	70	R.FAAFIDKVR.F	
				394 - 403	550.36	85.8	K.LVGLLEEALQK.A	
				414 - 422	564.25	51.7	K.EYQEVMSK.L	
				144 - 157	575.66	44.3	K.CLNNRFAAFIDK VR.F	Carbamidomethyl: 1; Deamidated: 3
				350 - 363	581.36	57.6	R.TKEEINELNRVIQ R.L	
				350 - 363	581.67	50	R.TKEEINELNRVIQ R.L	Deamidated: 6
				156 - 169	582.65	27.6	K.VRFLEQQNKLLE TK.L	
				404 - 413	589.31	71.3	K.AKQDMACLLK.E	Carbamidomethyl: 7
				47 - 58	592.79	45.2	F.ANGLAFHGGSP R.G	Deamidated: 2
				81 - 90	596.36	60.8	R.ISVSYAWPLR.G	
				393 - 403	614.35	37.3	C.KLVGLEEALQK. A	
				350 - 359	623.33	85.6	R.TKEEINELNR.V	
				300 - 311	674.39	63.1	R.ELNMDSVVAEIK .A	
				423 - 434	689.43	60	K.LGLDVEIATYRK. L	
				392 - 403	694.41	82.2	K.CKLVGLEEALQK .A	Carbamidomethyl: 1
				45 - 58	694.85	97.8	R.GFANGLAFHGG SPR.G	Deamidated: 4
				406 - 422	696.37	30.4	K.QDMACLLKEYQ EVMNSK.L	Carbamidomethyl: 5
				349 - 359	701.36	63.2	R.RTKEEINELNR.V	
				158 - 169	745.9	62.8	R.FLEQQNKLLETK .L	
				158 - 169	746.4	57.5	R.FLEQQNKLLETK .L	Deamidated: 6
				404 - 422	762.68	55.4	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7
				404 - 422	768.04	42.5	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 16
				404 - 422	773.37	34.6	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 5, 16
				165 - 176	776.94	80.9	K.LLETKLQFYQNR .Q	

				178 - 196	791.08	55.4	Q.CCESNLEPLFN GYIETLRR.E	Carbamidomethyl: 1, 2
				457 - 472	801.87	110.4	R.SQGGVICGDLG STVPR.G	Carbamidomethyl: 7
				30 - 44	803.39	79.1	R.DFSSCSAVVPK PGVR.G	Carbamidomethyl: 5
				158 - 176	814.09	71	R.FLEQQNKLLETK LQFYQNR.Q	
PREDIC TED: K86	gjl426224446	52	2393.7	35 - 40	371.13	27.2	R.GVSCYR.G	Carbamidomethyl: 4
				115 - 121	406.2	52.8	K.FAAFIDK.V	
				463 - 471	445.73	98.3	R.VGGSILGCK.K	Carbamidomethyl: 8
				124 - 130	453.75	35.3	R.FLEQQNK.L	
				395 - 406	473.93	60.9	K.LGLDIEIATYRR.L	
				240 - 246	476.25	53.8	T.LYEEELR.V	
				407 - 414	487.22	73.6	R.LLEGEEQR.L	
				287 - 298	490.58	47.6	R.SRAEASWYRS K.Y	
				330 - 338	494.82	65.5	R.LTAEIENAK.S	
				289 - 296	506.22	60.9	R.AEAESWYR.S	
				318 - 325	508.75	40.7	K.EEINELNR.L	
				463 - 472	509.76	44.8	R.VGGSILGCKK.C	Carbamidomethyl: 8
				115 - 123	533.78	70	K.FAAFIDKVR.F	
				407 - 415	543.8	53.2	R.LLEGEEQRL.C	
				26 - 34	549.28	45.2	R.CCVTAAPYR.G	Carbamidomethyl: 1, 2
				406 - 414	565.27	54.6	R.RLLEGEEQR.L	
				122 - 135	582.65	27.6	K.VRFLEQQNKLLE TK.W	
				289 - 298	613.77	54.7	R.AEAESWYRSK.Y	
				406 - 415	621.87	37.2	R.RLLEGEEQRL.C	
				316 - 325	623.33	85.6	R.TKEEINELNR.L	
				287 - 296	627.84	69.5	R.SRAEASWYR.S	
				395 - 405	632.39	96.6	K.LGLDIEIATYR.R	
				174 - 190	653.06	35.8	R.LASELNHVQEV EGYKK.K	
				174 - 190	653.38	26.8	R.LASELNHVQEV EGYKK.K	Deamidated: 6
				315 - 325	701.36	63.2	R.RTKKEINELNR.L	
				266 - 277	706.38	51.7	R.YLNMDSSIVAEIK. A	Oxidation: 4
				124 - 135	745.9	62.8	R.FLEQQNKLLETK .W	
				124 - 135	746.4	57.5	R.FLEQQNKLLETK .W	Deamidated: 6
				247 - 260	755.5	79.2	R.VIAHISDTSVIV K.M	
				240 - 260	814.79	54.3	T.LYEEELRVIQAH SDTSVIVK.M	
				415 - 430	847.39	132.1	R.LCEGVGAVNVC VSSSR.G	Carbamidomethyl: 2, 11
				415 - 430	847.96	34.7	R.LCEGVGAVNVC VSSSR.G	Carbamidomethyl: 2, 11; Deamidated: 9
				407 - 430	883.4	57.5	R.LLEGEEQRLCE GVGAVNVCVSSS R.G	Carbamidomethyl: 10, 19
				174 - 189	914.99	94.4	R.LASELNHVQEV	

							EGYK.K	
PREDICTED: KAP13-1-like	gij426217167	17.5	685	14 - 20	434.75	42.2	R.SLQDHLR.Y	
				34 - 40	434.75	42.2	R.SLQDHLR.T	
				34 - 40	435.27	52.9	R.SLQDHLR.T	Deamidated: 3
				14 - 20	435.27	52.9	R.SLQDHLR.Y	Deamidated: 3
				149 - 158	526.28	47.6	R.SGQSLSFQPT.C	
				128 - 137	551.72	60.9	R.SCYSVGCGR.G	Carbamidomethyl: 2, 7
				137 - 145	576.32	40.6	R.SSFYRPTFF.S	
				116 - 127	601.29	86.8	R.SSSCSSLSSGS.R.S	Carbamidomethyl: 4
				137 - 146	619.83	32.2	R.SSFYRPTFFS.S	
				81 - 91	638.81	40.8	R.TSTFFSPCQTT.C	Carbamidomethyl: 8
				64 - 75	647.81	53.9	R.TQTVVSSPCQT.S.C	Carbamidomethyl: 9
				64 - 80	676.27	27.3	R.TQTVVSSPCQT.SCYRPR.T	Carbamidomethyl: 9, 13
				64 - 80	676.64	26.6	R.TQTVVSSPCQT.SCYRPR.T	Carbamidomethyl: 9, 13; Deamidated: 10
				149 - 162	706.8	42.8	R.SGQSLSFQPTC.GSG.F	Carbamidomethyl: 11
				137 - 148	741.34	41	R.SSFYRPTFFSSR.S	
				149 - 164	861.91	104.7	R.SGQSLSFQPTC.GSGFY.-	Carbamidomethyl: 11
				149 - 164	862.36	87.2	R.SGQSLSFQPTC.GSGFY.-	Carbamidomethyl: 11; Deamidated: 3
				168 - 183	964.38	41.2	R.SCPSSCYRPTC.GSVFY.-	Carbamidomethyl: 2, 6, 11
				97 - 115	1054.47	99	R.TSTFSSPCQTTF.PGSLAYR.S	Carbamidomethyl: 8
PREDICTED: KAP16-1-like	gij426239028	82.3	122.9	27 - 36	566.73	42.8	R.GPVCLPSSCR.S	Carbamidomethyl: 4, 9
				382 - 401	1145.96	80.1	K.ATICESACPVSS.CAQPVYYK.A	Carbamidomethyl: 4, 8, 13
PREDICTED: KAP4-8-like isoform 2	gij426237981	20.4	246.6	99 - 110	770.26	29.3	C.CQSVCCQPSCP.R.I	Carbamidomethyl: 1, 5, 6, 10; Deamidated: 2
				4 - 17	810.23	64.9	S.SCCGSVCSDQS.CGR.S	Carbamidomethyl: 2, 3, 7, 12
				98 - 110	849.75	82.6	R.CCQSVCCQPSCP.R.I	Carbamidomethyl: 1, 2, 6, 7, 11
				3 - 17	853.76	69.8	V.SSCCGSVCSQDQ.SCGR.S	Carbamidomethyl: 3, 4, 8, 13
PREDICTED: plakophilin-3	gij426252688	76.9	105	189 - 204	710.86	61.2	R.GVAGGGPGGIP.EPVTR.A	
				210 - 223	742.91	26.7	R.SLSLGDGSHLP.DMR.G	
KAP3.4	gij125662	10.5	120.7	27 - 37	644.28	50.7	R.CGVCLPSTCPH.T	Carbamidomethyl: 1, 4, 9
				6 - 23	992.42	70.1	R.LCCSVPTSPATT.ICSSDK.F	Carbamidomethyl: 2, 3, 14
KAP2.3	gij125644	14.2	359.5	41 - 47	408.25	47.2	R.PVTFVPR.C	

				124 - 131	514.7	36.1	R.TFRTSPCC.-	Carbamidomethyl: 7, 8
				48 - 56	596.79	35.4	R.CTRPICEPC.R	Carbamidomethyl: 1, 6, 9
				48 - 57	674.77	33.9	R.CTRPICEPCR.R	Carbamidomethyl: 1, 6, 9
				58 - 76	789.29	28.8	R.RPVCCDPCSLQ EGCCRPIT.C	Carbamidomethyl: 4, 5, 8, 14, 15; Deamidated: 11
				58 - 71	869.32	55.4	R.RPVCCDPCSLQ EGC.C	Carbamidomethyl: 4, 5, 8, 14
				1 - 22	1173.51	122.8	- .TGSCCGPTFSSLS CGGGCLQPR.Y	Carbamidomethyl: 4, 5, 14, 18
K85	gij246276	56.3	6358.4	40 - 45	371.13	27.2	R.GVSCYR.G	Carbamidomethyl: 4
				133 - 139	406.2	52.8	R.FAAFIDK.V	
				317 - 326	412.87	31.3	K.CEEMKATVIR.H	Carbamidomethyl: 1
				180 - 191	452.59	30.6	R.REAEHVEADSG R.L	
				142 - 148	453.75	35.3	R.FLEQQNK.L	
				413 - 424	473.93	60.9	K.LGLDIEIATYRR.L	
				425 - 432	487.22	73.6	R.LLEGEEQR.L	
				7 - 15	490.27	49.6	R.ISPGYSVTR.T	
				305 - 316	490.58	47.6	R.SRAEAEVWYRS K.C	
				348 - 356	494.82	65.5	R.LTAEIENAK.C	
				210 - 217	504.78	64.6	K.YEEEEVALR.A	
				336 - 347	504.93	31.9	K.EEINELNRVIQR. L	
				307 - 314	506.22	60.9	R.AEAEVWYR.S	
				230 - 237	506.24	47.7	K.DVDCAYLR.K	Carbamidomethyl: 4
				336 - 343	508.75	40.7	K.EEINELNR.V	
				296 - 304	519.76	75	K.AQYDDIASR.S	
				296 - 304	520.26	25.9	K.AQYDDIASR.S	Deamidated: 2
				489 - 498	523.18	66.5	R.ASSFSCGSSR.S	Carbamidomethyl: 6
				133 - 141	533.78	70	R.FAAFIDKVR.F	
				384 - 393	536.29	87.2	K.LAGLEEALQK.A	
				425 - 433	543.8	53.2	R.LLEGEEQRL.C	
				54 - 64	545.8	80.4	R.SVSALGSCGPR. I	Carbamidomethyl: 8
				31 - 39	549.27	53.7	R.CCISAAPYR.G	Carbamidomethyl: 1, 2
				404 - 412	564.25	51.7	K.EYQEVMSK.L	
				424 - 432	565.27	54.6	R.RLLEGEEQR.L	
				6 - 15	568.31	45.9	Y.RISPGYSVTR.T	
				209 - 217	568.81	73.8	K.KYEEEEVALR.A	
				230 - 238	570.28	47.7	K.DVDCAYLRK.S	Carbamidomethyl: 4
				229 - 237	570.31	68.3	K.KDVDCAYLR.K	Carbamidomethyl: 5
				16 - 26	577.75	73.3	R.TFSSCSAVAPK. T	Carbamidomethyl: 5
				334 - 347	581.36	57.6	R.TKEEINELNRVIQ R.L	
				334 - 347	581.67	50	R.TKEEINELNRVIQ R.L	Deamidated: 6
				140 - 153	582.65	27.6	K.VRFLEQQNKLLE	

							TK.W	
				154 - 161	585.24	36	K.WQFYQNQR.C	
				154 - 161	585.74	52.9	K.WQFYQNQR.C	Deamidated: 6
				394 - 403	589.31	71.3	K.AKQDMACLLK.E	Carbamidomethyl: 7
				181 - 191	600.24	77.6	R.EAEHVEADSGR.L	
				383 - 393	600.38	84.8	S.KLAGLEELQK.A	
				279 - 288	605.76	41.2	K.MDNSRDNLMD.C	
				218 - 228	610.88	60.6	R.ATAENEFVVLK.K	
				307 - 316	613.77	54.7	R.AEAEWYRSK.C	
				424 - 433	621.87	37.2	R.RLLEGEELQK.C	
				334 - 343	623.33	85.6	R.TKEEINELNR.V	
				305 - 314	627.84	69.5	R.SRAEAEWYR.S	
				413 - 423	632.39	96.6	K.LGLDIEIATYR.R	
				208 - 217	632.87	65	K.KKYEEEEVALR.A	
				384 - 395	635.89	76.4	K.LAGLEELQKAK.Q	
				296 - 306	641.34	39.8	K.AQYDDIASRSR.A	
				109 - 119	643.84	65	N.LEIDPNAQCVK.H	Carbamidomethyl: 9
				382 - 393	643.91	102.5	R.SKLAGLEELQK.A	
				192 - 208	653.38	26.8	R.LASELDHVQEVL EGYKK.K	
				279 - 295	670.69	63.3	K.MDNSRDNLMD VVAEIK.A	Carbamidomethyl: 11
				218 - 229	674.88	82	R.ATAENEFVVLK.D	
				4 - 15	693.3	79.2	R.SYRISPGYSVTR.T	
				396 - 412	696.37	30.4	K.QDMACLLKEYQ EVMNSK.L	Carbamidomethyl: 5
				333 - 343	701.36	63.2	R.RTKEEINELNR.V	
				284 - 295	703.87	87.8	R.DLNMDCVVAEIK.A	Carbamidomethyl: 6
				284 - 295	711.89	85.7	R.DLNMDCVVAEIK.A	Carbamidomethyl: 6; Oxidation: 4
				284 - 295	712.27	32	R.DLNMDCVVAEIK.A	Carbamidomethyl: 6; Oxidation: 4; Deamidated: 3
				348 - 359	716.85	95.5	R.LTAEIENAKCQR.T	Carbamidomethyl: 10
				450 - 464	728.83	75.5	G.GVACGGLTYSS TAGR.Q	Carbamidomethyl: 4
				344 - 356	742.89	71	R.VIQRILTAEIENAK.C	
				382 - 395	743.46	71.6	R.SKLAGLEELQK AK.Q	
				142 - 153	745.9	62.8	R.FLEQQNKLLETK.W	
				142 - 153	746.4	57.5	R.FLEQQNKLLETK.W	Deamidated: 6
				384 - 403	749.43	37.7	K.LAGLEELQKAK QDMACLLK.E	Carbamidomethyl: 17; Oxidation: 15
				449 - 464	757.34	89.6	R.GGVACGGLTYS STAGR.Q	Carbamidomethyl: 5
				394 - 412	762.68	55.4	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7

				360 - 381	762.7	71.2	R.TKLEAAVAEAEQ QGAAALNDAR.S	Deamidated: 12
				238 - 257	764.39	97.5	R.KSDLEANVEALV EESNFLKR.L	
				394 - 412	768.04	42.5	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 16
				394 - 412	773.37	34.6	K.AKQDMACLLKE YQEVMSK.L	Carbamidomethyl: 7; Oxidation: 5, 16
				161 - 179	791.05	60.2	Q.RCCESNLEPLF NGYIETLR.R	Carbamidomethyl: 2, 3
				162 - 180	791.08	55.4	R.CCESNLEPLFN GYIETLRR.E	Carbamidomethyl: 1, 2
				258 - 278	800.78	73.9	R.LYDEEIQILNAHI SDTSVIVK.M	
				258 - 278	801.13	55.4	R.LYDEEIQILNAHI SDTSVIVK.M	Deamidated: 10
				284 - 304	809.43	83.4	R.DLNMDCVVAEIK AQYDDIASR.S	Carbamidomethyl: 6
				284 - 304	814.73	77.1	R.DLNMDCVVAEIK AQYDDIASR.S	Carbamidomethyl: 6; Oxidation: 4
				433 - 448	855.39	122	R.LCEGVGGSVNV VSSSR.G	Carbamidomethyl: 2, 11
				149 - 161	877.43	87.5	K.LLETKWQFYQN QR.C	
				364 - 381	907.41	125.1	E.AAVAEAEQQGE AALNDAR.S	
				239 - 256	1004	111.9	K.SDLEANVEALVE ESNFLK.R	
				102 - 119	1013.02	82.8	E.SLLTPLNLEIDPN AQCVK.H	Carbamidomethyl: 16
				362 - 381	1028.52	147.1	K.LEAAVAEAEQQ GAAALNDAR.S	
				362 - 381	1028.97	131.9	K.LEAAVAEAEQQ GAAALNDAR.S	Deamidated: 17
				360 - 381	1143.03	151.1	R.TKLEAAVAEAEQ QGAAALNDAR.S	
				465 - 488	1191.59	103.9	R.QIASGPVATGGS ITVLAPDSCQPR.A	Carbamidomethyl: 21