

**Supplementary Table 5. Proteins and peptides identified in Ionic Liquid/(Urea/thourea) extract Fraction 2.**

Protein	Accession	Mol Wgt (kDa)	Protein Score	Range	m/z meas.	Peptide score	Sequence	Modifications
KAP6.3	gij 284080746	8.3	212.2	36 - 50	566.25	61.5	R.RLGCYGYSCYGS GFR.R	Carbamidomethyl: 4, 9
				37 - 50	770.78	91.3	R.LGCYGYSCYGS FR.R	Carbamidomethyl: 3, 8
K86-like	gij 312283584	53.2	5935.9	34 - 39	378.16	25.6	R.GISCYR.G	Carbamidomethyl: 4
				117 - 123	406.22	56.2	R.FAAFIDK.V	
				408 - 417	414.92	32.3	R.RLLEGEEQRL.C	
				40 - 48	426.2	57.6	R.GLTGGFGSR.S	
				192 - 201	436.26	47.2	K.KRYEEIAR.A	
				476 - 484	445.77	98.2	R.VGGSILGCK.K	Carbamidomethyl: 8
				126 - 132	453.7	36.2	R.FLEQQNK.L	
				317 - 327	468.26	27	R.RTKEEINELNR.V	Deamidated: 7
				397 - 408	473.95	71	K.LGLDIEIATYRR.L	
				242 - 248	476.25	56.3	R.LYEEIAR.V	
				138 - 144	484.72	45.6	K.LQFYQNR.Q	
				138 - 144	485.26	47	K.LQFYQNR.Q	Deamidated: 6
				409 - 416	487.22	73.6	R.LLEGEEQR.L	
				332 - 340	487.74	51.9	R.LTAEVENAK.C	
				39 - 48	504.25	44.3	Y.RGLTGGFGSR.S	
				320 - 331	504.94	42.2	K.EEINELNRVIQR.L	
				291 - 298	506.23	60.9	R.AEAESWYR.S	
214 - 221	506.27	43	K.DVDCAYLR.K	Carbamidomethyl: 4				
11 - 24	507.92	32.9	P.AFSCVSACGPRP GR.C	Carbamidomethyl: 4, 8				
320 - 327	508.76	39.8	K.EEINELNR.V					
401 - 408	511.32	32.1	D.IEATYRR.L					
194 - 201	511.79	62.3	R.YEEIAR.A					
280 - 288	524.24	64.2	K.AHYDDIASR.S					
125 - 132	531.78	37	V.RFLEQQNK.L					
117 - 125	533.82	70	R.FAAFIDKVR.F					
368 - 377	536.32	87.2	K.LAGLEEALQK.A					
368 - 377	536.84	50.2	K.LAGLEEALQK.A	Deamidated: 9				
409 - 417	543.84	63.7	R.LLEGEEQRL.C					
241 - 248	554.31	57.6	R.RLYEEIAR.V					
25 - 33	556.25	66.8	R.CCITAAPYR.G	Carbamidomethyl: 1, 2				
388 - 396	564.26	50.6	K.EYQEVMSK.L					
408 - 416	565.27	56.7	R.RLLEGEEQR.L					
331 - 340	565.8	31.6	Q.RLTAEVENAK.C					
214 - 222	570.28	26.4	K.DVDCAYLRK.S	Carbamidomethyl: 4				
388 - 396	572.29	28.4	K.EYQEVMSK.L	Oxidation: 6				
112 - 125	575.67	30.2	K.CLNNRFAAFIDKV R.F	Carbamidomethyl: 1; Deamidated: 3				
124 - 132	581.28	37.6	K.VRFLEQQNK.L					
318 - 331	581.35	47.6	R.TKEEINELNRVIQR .L					

				318 - 331	581.63	72	R.TKEEINELNRVIQR.L	Deamidated: 6
				378 - 387	589.26	52.1	K.AKQDMACLK.E	Carbamidomethyl: 7
				193 - 201	589.83	64.6	K.RYEEEEIALR.A	
				202 - 212	596.82	82	R.ATAENEFVALK.K	
				202 - 212	597.35	27.8	R.ATAENEFVALK.K	Deamidated: 5
				165 - 175	597.73	82.8	R.EAECAEADSGR.L	Carbamidomethyl: 4
				367 - 377	600.36	95	C.KLAGLEEALQK.A	
				273 - 288	605.67	40.6	D.NIVAEIKAHYDDIA SR.S	
				291 - 300	613.78	46.7	R.AEAESWYRSK.C	
				318 - 327	623.32	76.9	R.TKEEINELNR.V	
				403 - 407	623.41	26.5	E.IATYR.R	
				318 - 327	623.82	62.6	R.TKEEINELNR.V	Deamidated: 6
				289 - 298	627.78	75.5	R.SRAEAESWYR.S	
				269 - 279	630.38	71.5	D.LNMDNIVAEIK.A	
				397 - 407	632.41	104.4	K.LGLDIEIATYR.R	
				368 - 379	635.89	71.2	K.LAGLEEALQKAK.Q	
				280 - 290	645.78	57.7	K.AHYDDIASRSR.A	
				153 - 163	648.37	79.5	E.PLFSGYIETLR.R	
				202 - 213	660.87	90.2	R.ATAENEFVALKK.D	
				202 - 213	661.38	76.4	R.ATAENEFVALKK.D	Deamidated: 5
				366 - 377	680.39	86.6	K.CKLAGLEEALQK.A	Carbamidomethyl: 1
				268 - 279	687.91	96.8	R.DLNMDNIVAEIK.A	
				268 - 279	688.38	36.2	R.DLNMDNIVAEIK.A	Deamidated: 3
				268 - 279	695.85	73.7	R.DLNMDNIVAEIK.A	Oxidation: 4
				268 - 279	696.38	26.3	R.DLNMDNIVAEIK.A	Oxidation: 4; Deamidated: 3
				176 - 193	698.39	35.1	R.LSSELNSLQEVLE GYKKR.Y	
				317 - 327	701.36	74.6	R.RTKEEINELNR.V	
				249 - 267	705.05	72.3	R.VLQAHISDTSVIVK MDNSR.D	
				176 - 188	730.82	25.7	R.LSSELNSLQEVLE.G	
				328 - 340	735.89	71	R.VIQRLTAEVENAK.C	
				8 - 21	739.82	81.5	R.AVPAFSCVSACG PR.P	Carbamidomethyl: 7, 11
				223 - 241	740.43	52.6	K.SDLEANVEALIQE TDFLRR.L	
				126 - 137	745.88	65.7	R.FLEQQNKLLET.K.L	
				126 - 137	746.4	62.4	R.FLEQQNKLLET.K.L	Deamidated: 6
				249 - 262	755.41	98.8	R.VLQAHISDTSVIVK .M	
				368 - 381	757.39	52.2	K.LAGLEEALQKAKQ D.M	
				133 - 144	776.9	81.8	K.LLETKLQFYQNR.Q	
				133 - 144	777.37	70.1	K.LLETKLQFYQNR.Q	Deamidated: 7
				222 - 241	783.1	78.2	R.KSDLEANVEALIQ ETDFLRR.L	
				222 - 241	783.45	46.9	R.KSDLEANVEALIQ ETDFLRR.L	Deamidated: 13

				126 - 144	814.09	74.5	R.FLEQQNKLETKL QFYQNR.Q	
				242 - 262	814.75	41.6	R.LYEEEIRVLQAHIS DTSVIVK.M	
				145 - 164	825.07	32.4	R.QCCESNLEPLFSG YIETLRR.E	Carbamidomethyl: 2, 3; Deamidated: 1
				202 - 216	825.42	55.2	R.ATAENEFVALKKD VD.C	
				388 - 408	843.78	33.8	K.EYQEVMSKLG L DIEIATYRR.L	Deamidated: 3
				417 - 432	847.39	132.1	R.LCEGVGAVNVCV SSSR.G	Carbamidomethyl: 2, 11
				176 - 191	904.97	119.5	R.LSSELNSLQEVLE GYK.K	
				176 - 191	905.45	75.1	R.LSSELNSLQEVLE GYK.K	Deamidated: 6
				148 - 163	934.54	47.8	C.ESNLEPLFSGYIET LR.R	
				176 - 192	968.99	67.3	R.LSSELNSLQEVLE GYKK.R	
				346 - 365	1007.51	131.4	K.LEAAVTQAEQQG EAALADAK.C	
				223 - 240	1032.04	120.7	K.SDLEANVEALIQE TDFLR.R	
				222 - 240	1096.04	106.2	R.KSDLEANVEALIQ ETDFLR.R	
K33b	gij999000003	45.9	7004.8	241 - 246	366.15	49.8	R.VLNETR.A	
				241 - 246	366.71	34	R.VLNETR.A	Deamidated: 3
				25 - 30	367.25	36.7	L.PNLSFR.S	
				153 - 159	404.19	58.2	K.LAADDFR.T	
				234 - 240	407.73	44	A.PTVDLNR.V	
				84 - 90	412.26	59.2	R.LASYLEK.V	
				24 - 30	423.77	40.4	C.LPNLSFR.S	
				267 - 273	431.23	28.2	R.QTEELNK.Q	
				304 - 310	434.2	26.6	L.QAQHNL.R.D	Deamidated: 5
				136 - 143	437.16	40.2	L.ANKAENAR.L	
				136 - 143	437.71	50.4	L.ANKAENAR.L	Deamidated: 2
				240 - 246	444.19	35.8	N.RVLNETR.A	
				170 - 181	467.25	49	R.QLVESDINGLRR.I	
				170 - 181	467.6	45.1	R.QLVESDINGLRR.I	Deamidated: 8
				97 - 104	474.22	51.4	R.ENAELESR.I	
				247 - 258	483.92	67.4	R.AQYEALVETNRR. D	
				247 - 258	484.24	62.8	R.AQYEALVETNRR. D	Deamidated: 10
				162 - 169	490.32	56.8	K.YQTELGLR.Q	
				162 - 169	490.76	56.6	K.YQTELGLR.Q	Deamidated: 2
				135 - 143	493.8	44.5	I.LANKAENAR.L	
				126 - 133	494.75	65.7	R.TIEELQQK.I	
				260 - 266	497.78	53.5	D.VEEWYIR.Q	
				208 - 219	499.22	32.6	L.KQNHEQEVNTLR. S	
				414 - 422	500.21	37.6	R.FGPCNTSGC.-	Carbamidomethyl: 4, 9
				144 - 152	500.33	75.6	R.LVVQIDNAK.L	
				144 - 152	500.81	60.4	R.LVVQIDNAK.L	Deamidated: 7
				144 - 152	500.84	51.4	R.LVVQIDNAK.L	Deamidated: 4
				23 - 30	503.79	55.7	F.CLPNLSFR.S	Carbamidomethyl: 1

				153 - 161	518.77	51.3	K.LAADDFRTK.Y	
				78 - 90	532.99	35.7	M.QFLNDRLASYLEK.V	
				207 - 219	536.94	62	C.LKQNHQEVENL.R.S	
				118 - 125	537.8	63.7	C.PNYQSYFR.T	
				84 - 92	539.81	79.8	R.LASYLEKVR.Q	
				412 - 421	541.74	42.7	R.SRFGPCNTSG.C	Carbamidomethyl: 6
				134 - 143	550.25	71	K.ILANKAENAR.L	
				134 - 143	550.8	76.4	K.ILANKAENAR.L	Deamidated: 4
				182 - 190	552.86	72.8	R.ILDELTLCK.S	Carbamidomethyl: 8
				259 - 266	555.31	65.2	R.DVEEWYIR.Q	
				232 - 246	557.34	34.9	D.AAPTVDLNRVLNE.TR.A	Deamidated: 8
				238 - 246	557.81	36.7	D.LNRVLNETR.A	
				366 - 374	562.76	65.1	R.LESEINTYR.G	
				211 - 219	563.26	58	N.HEQEVNLR.S	
				125 - 133	572.81	31.4	F.RTIEELQQK.I	
				91 - 104	576.96	48	K.VRQLERENAELES.R.I	
				75 - 83	577.31	55.8	K.ETMQFLNDR.L	
				22 - 30	577.34	40.8	N.FCLPNLSFR.S	Carbamidomethyl: 2
				352 - 365	578	44.8	R.QNQEYQVLLDVR.AR.L	
				143 - 152	578.29	65.7	A.RLVVQIDNAK.L	
				75 - 83	585.26	43.2	K.ETMQFLNDR.L	Oxidation: 3
				375 - 385	594.37	26.7	R.GLLDSEDTKLP.C	
				225 - 240	595.03	30.4	D.RLNVEVDAAPTVD.LNR.V	Deamidated: 15
				301 - 310	604.32	62.1	E.VELQAQHNL.R.D	
				160 - 169	604.86	61.8	R.TKYQTELGLR.Q	
				160 - 169	605.37	68.6	R.TKYQTELGLR.Q	Deamidated: 4
				126 - 135	607.91	45.3	R.TIEELQQKIL.A	
				412 - 422	621.78	76.2	R.SRFGPCNTSGC.-	Carbamidomethyl: 6, 11
				412 - 422	622.25	84.2	R.SRFGPCNTSGC.-	Carbamidomethyl: 6, 11; Deamidated: 7
				170 - 180	622.36	37.8	R.QLVESDINGLR.R	
				170 - 180	622.83	62.7	R.QLVESDINGLR.R	Deamidated: 8
				181 - 190	630.86	48.8	R.RILDELTLCK.S	Carbamidomethyl: 9
				258 - 266	633.34	53.4	R.RDVEEWYIR.Q	
				21 - 30	634.36	28	Y.NFCLPNLSFR.S	Carbamidomethyl: 3
				365 - 374	640.79	36.6	A.RLESEINTYR.G	
				247 - 257	647.34	94.9	R.AQYEALVETNR.R	
				247 - 257	647.85	79.2	R.AQYEALVETNR.R	Deamidated: 2
				259 - 273	651.34	43	R.DVEEWYIRQTEEL.NK.Q	
				75 - 90	653.36	52.6	K.ETMQFLNDRLASYLEK.V	
				294 - 310	664.36	92.1	R.RTVNALEVELQAQ.HNLR.D	
				294 - 310	664.7	60.2	R.RTVNALEVELQAQ.HNLR.D	Deamidated: 4

				153 - 169	666.37	44.2	K.LAADDFRTKYQTE LGLR.Q	
				153 - 169	666.71	58.5	K.LAADDFRTKYQTE LGLR.Q	Deamidated: 11
				307 - 323	667.32	33.3	Q.HNLRDSLENTLTE TEAR.Y	Deamidated: 2
				220 - 231	672.83	73.9	R.SQLGDRLNVEVD. A	
				364 - 374	676.39	82	R.ARLESEINTYR.G	
				364 - 374	676.84	69.6	R.ARLESEINTYR.G	Deamidated: 8
				312 - 323	682.35	92.2	D.SLENTLTETEAR.Y	
				312 - 323	682.83	93.4	D.SLENTLTETEAR.Y	Deamidated: 4
				209 - 219	684.3	67.9	K.QNHEQEVNTRLR.S	
				209 - 219	684.84	40	K.QNHEQEVNTRLR.S	Deamidated: 1
				209 - 219	685.8	40.8	K.QNHEQEVNTRLR.S	Deamidated: 1, 2, 5
				191 - 208	702.06	43.3	K.SDLEAQVESLKEE LICK.Q	Carbamidomethyl: 16
				347 - 363	702.39	63.1	R.SDLERQNQEYQV LLDVR.A	
				241 - 258	721.34	43	R.VLNETRAQYEALV ETNRR.D	
				241 - 258	721.68	40.6	R.VLNETRAQYEALV ETNRR.D	Deamidated: 8
				197 - 208	730.9	71.8	Q.VESLKEELICK.Q	Carbamidomethyl: 10
				93 - 104	737.34	39	R.QLERENAELESR.I	
				93 - 104	737.85	28	R.QLERENAELESR.I	Deamidated: 1
				75 - 92	738.38	25.2	K.ETMQFLNDRLAS LEKVR.Q	
				311 - 323	739.83	110.7	R.DSLENTLTETEAR. Y	
				311 - 323	740.33	93.4	R.DSLENTLTETEAR. Y	Deamidated: 5
				75 - 92	743.7	47.6	K.ETMQFLNDRLAS LEKVR.Q	Oxidation: 3
				191 - 209	744.75	35.6	K.SDLEAQVESLKEE LICK.Q.N	Carbamidomethyl: 16
				352 - 363	752.9	100.1	R.QNQEYQVLLDVR. A	
				352 - 363	753.43	73	R.QNQEYQVLLDVR. A	Deamidated: 3
				298 - 310	760.89	94.7	N.ALEVELQAQHNL .D	
				226 - 246	780.11	43	R.LNVEVDAAPTVDL NRVLNETR.A	
				226 - 240	813.41	98.2	R.LNVEVDAAPTVDL NR.V	
				225 - 246	832.13	25.7	D.RLNVEVDAAPTVD LNRVLNETR.A	
				232 - 246	834.96	43.2	D.AAPTVDLNRVLNE TR.A	
				191 - 205	851.94	35.2	K.SDLEAQVESLKEE LI.C	
				91 - 104	865.4	60.8	K.VRQLERENAELES R.I	Deamidated: 3
				225 - 240	891.46	91.2	D.RLNVEVDAAPTVD LNR.V	
				76 - 90	914.97	58.9	E.TMQFLNDRLAS YLEK.V	
				295 - 310	917.99	134.1	R.TVNALEVELQAQH NLR.D	
				295 - 310	918.47	105.8	R.TVNALEVELQAQH	Deamidated: 10

							NLR.D	
				295 - 310	918.49	119.9	R.TVNALEVELQAQH NLR.D	Deamidated: 3
				295 - 311	975.48	70.7	R.TVNALEVELQAQH NLRD.S	
				75 - 90	980.04	40.1	K.ETMQFLNDRASY LEK.V	Deamidated: 4
				191 - 208	1053.05	41.7	K.SDLEAQVESLKEE LICKL.Q	Carbamidomethyl: 16; Deamidated: 6
				109 - 125	1072.49	72	R.SQQQEPLVCPNY QSYFR.T	Carbamidomethyl: 9
				295 - 323	1099.18	29.1	R.TVNALEVELQAQH NLRDSLENTLTETEA R.Y	Deamidated: 14
				220 - 240	1141.57	90.9	R.SQLGDRLNVEVD AAPTVDLNR.V	
				220 - 240	1142.07	38.4	R.SQLGDRLNVEVD AAPTVDLNR.V	Deamidated: 2
K35	gj 999000005	49.7	2400.5	176 - 182	404.19	58.2	K.LAADDFR.T	
				107 - 113	412.26	59.2	R.LASYLEK.V	
				120 - 127	474.22	51.4	R.ENAELESR.I	
				149 - 156	494.75	65.7	Q.TIEELQKK.I	
				167 - 175	500.33	75.6	R.LVVQIDNAK.L	
				167 - 175	500.81	60.4	R.LVVQIDNAK.L	Deamidated: 7
				167 - 175	500.84	51.4	R.LVVQIDNAK.L	Deamidated: 4
				185 - 192	514.77	25.9	K.YETEVTMR.Q	
				176 - 184	518.77	51.3	K.LAADDFRTK.Y	
				101 - 113	532.99	35.7	M.QFLNDRLASYLEK .V	
				107 - 115	539.81	79.8	R.LASYLEKVR.Q	
				47 - 57	556.77	53	R.SFSACSVGLGK.S K.VRQLERENAELES R.I	Carbamidomethyl: 5
				114 - 127	576.96	48		
				98 - 106	577.31	55.8	K.ETMQFLNDR.L R.QNQEYQVLLDVR AR.L	
				375 - 388	578	44.8		
				166 - 175	578.29	65.7	A.RLVVQIDNAK.L	
				7 - 26	584	75.6	K.ASFSSGSLKVPGG AGGGSAR.V	
				98 - 106	585.26	43.2	K.ETMQFLNDR.L	Oxidation: 3
				27 - 37	601.77	39.5	R.VSTIFSSSSCK.L	Carbamidomethyl: 10
				233 - 242	613.77	35.6	K.NHEEEVNSLR.C	
				183 - 192	637.28	34.3	R.TKYETEVTMR.Q	Oxidation: 9
				335 - 346	645.83	98.6	D.ALESTLAETEAR.Y K.ETMQFLNDRASY LEK.V	
				98 - 113	653.36	52.6		
				387 - 397	699.3	42	R.ARLECEISTYR.G R.DALESTLAETEAR. Y	Carbamidomethyl: 5
				334 - 346	703.35	90.2		
				220 - 231	730.9	71.8	Q.VESLKEELLCLK.K	Carbamidomethyl: 10
				116 - 127	737.34	39	R.QLERENAELESR.I	
				116 - 127	737.85	28	R.QLERENAELESR.I	Deamidated: 1
				98 - 115	738.38	25.2	K.ETMQFLNDRASY LEKVR.Q	
				98 - 115	743.7	47.6	K.ETMQFLNDRASY LEKVR.Q	Oxidation: 3

				375 - 386	752.9	100.1	R.QNQEYQVLLDVR. A	
				375 - 386	753.43	73	R.QNQEYQVLLDVR. A	Deamidated: 3
				249 - 263	811.41	26.4	R.LNVEVDAAPPVDL NR.V	
				296 - 317	864.41	41.4	N.QQVVSSEQLQS YQAEIILRR.T	
				114 - 127	865.4	60.8	K.VRQLERENAELES R.I	Deamidated: 3
				346 - 369	904.43	34.8	A.RYSSQLAQMQLI GNVESQLAEIR.C	Oxidation: 9; Deamidated: 5, 8, 10, 15
				99 - 113	914.97	58.9	E.TMQFLNDRLASYL EK.V	
				98 - 113	980.04	40.1	K.ETMQFLNDRLASYL LEK.V	Deamidated: 4
K81	gj 999000007	55.1		33 - 38	378.16	25.6	R.GISCYR.G	Carbamidomethyl: 4
				116 - 122	406.22	56.2	R.FAAFIDK.V	
				408 - 417	414.92	32.3	R.RLLEGQEQL.C	Deamidated: 6
				39 - 47	426.2	57.6	R.GLTGGFGSR.S	
				192 - 201	440.94	34.1	K.RRYEEVALR.A	
				125 - 131	453.7	36.2	R.FLEQQNK.L	
				317 - 327	468.26	27	R.RTKEEINELNR.V	Deamidated: 7
				397 - 408	473.95	71	K.LGLDIEIATYRR.L	
				242 - 248	476.25	56.3	R.LYEEEEIR.V	
				137 - 143	484.72	45.6	K.LQFYQNR.Q	
				137 - 143	485.26	47	K.LQFYQNR.Q	Deamidated: 6
				409 - 416	487.22	73.6	R.LLEGQEQR.L	Deamidated: 5
				332 - 340	487.74	51.9	R.LTAEVENAK.C	
				38 - 47	504.25	44.3	Y.RGLTGGFGSR.S	
				194 - 201	504.77	61.9	R.YEEVALR.A	
				320 - 331	504.94	42.2	K.EEINELNRVIQR.L	
				291 - 298	506.23	60.9	R.AEAESWYR.S	
				214 - 221	506.27	43	K.DVDCAYLR.K	Carbamidomethyl: 4
				10 - 23	507.92	32.9	R.AFSCVSACGPRP GR.C	Carbamidomethyl: 4, 8
				320 - 327	508.76	39.8	K.EEINELNR.V	
				401 - 408	511.32	32.1	D.IEATYRR.L	
				280 - 288	519.76	74.8	K.AQYDDIASR.S	
				124 - 131	531.78	37	V.RFLEQQNK.L	
				116 - 124	533.82	70	R.FAAFIDKVR.F	
				368 - 377	536.32	87.2	K.LAGLEEALQK.A	
				368 - 377	536.84	50.2	K.LAGLEEALQK.A	Deamidated: 9
				409 - 417	543.84	63.7	R.LLEGQEQL.C	Deamidated: 5
				241 - 248	554.31	57.6	R.RLYEEEEIR.V	
				24 - 32	556.25	66.8	R.CCITAAPYR.G	Carbamidomethyl: 1, 2
				388 - 396	564.26	50.6	K.EYQEVMSK.L	
				408 - 416	565.27	56.7	R.RLLEGQEQR.L	Deamidated: 6
				331 - 340	565.8	31.6	Q.RLTAEVENAK.C	
				214 - 222	570.28	26.4	K.DVDCAYLRK.S	Carbamidomethyl: 4
				388 - 396	572.29	28.4	K.EYQEVMSK.L	Oxidation: 6
				111 - 124	575.67	30.2	K.CLNNRFAAFIDKV R.F	Carbamidomethyl: 1; Deamidated: 3

				123 - 131	581.28	37.6	K.VRFLEQQNK.L	
				318 - 331	581.35	47.6	R.TKEEINELNRVIQR.L	
				318 - 331	581.63	72	R.TKEEINELNRVIQR.L	Deamidated: 6
				193 - 201	582.79	61.7	R.RYEEEEVALR.A	
				378 - 387	589.26	52.1	K.AKQDMACLLK.E	Carbamidomethyl: 7
				202 - 212	596.82	82	R.ATAENEFVALK.K	
				202 - 212	597.35	27.8	R.ATAENEFVALK.K	Deamidated: 5
				164 - 174	597.73	82.8	R.EAECAEADSGR.L	Carbamidomethyl: 4
				367 - 377	600.36	95	R.KLAGLEEALQK.A	
				10 - 20	606.22	49.8	R.AFSCVSACGPR.P	Carbamidomethyl: 4, 8
				291 - 300	613.78	46.7	R.AEAESWYRSK.C	
				318 - 327	623.32	76.9	R.TKEEINELNR.V	
				403 - 407	623.41	26.5	E.IATYR.R	
				318 - 327	623.82	62.6	R.TKEEINELNR.V	Deamidated: 6
				289 - 298	627.78	75.5	R.SRAEAESWYR.S	
				269 - 279	630.38	71.5	D.LNMDNIVAEIK.A	
				397 - 407	632.41	104.4	K.LGLDIEIATYR.R	
				368 - 379	635.89	71.2	K.LAGLEEALQKAK.Q	
				280 - 290	641.3	56.1	K.AQYDDIASRSR.A	
				152 - 162	648.37	79.5	E.PLFSGYIETLR.R	
				202 - 213	660.87	90.2	R.ATAENEFVALKK.D	
				202 - 213	661.38	76.4	R.ATAENEFVALKK.D	Deamidated: 5
				366 - 377	678.41	70.7	K.RKLAGLEEALQK.A	
				268 - 279	687.91	96.8	R.DLNMDNIVAEIK.A	
				268 - 279	688.38	36.2	R.DLNMDNIVAEIK.A	Deamidated: 3
				268 - 279	695.85	73.7	R.DLNMDNIVAEIK.A	Oxidation: 4
				268 - 279	696.38	26.3	R.DLNMDNIVAEIK.A	Oxidation: 4; Deamidated: 3
				175 - 192	698.39	35.1	R.LSSELNSLQEVLE.GYKKR.R	
				317 - 327	701.36	74.6	R.RTKEEINELNR.V	
				249 - 267	705.05	72.3	R.VLQAHISDTSVIVK.MDNSR.D	
				346 - 366	724.08	71.8	K.LEAAVTQAEQQG.EAALADAKR.K	
				346 - 366	724.39	34.2	K.LEAAVTQAEQQG.EAALADAKR.K	Deamidated: 7
				175 - 187	730.82	25.7	R.LSSELNSLQEVLE.G	
				328 - 340	735.89	71	R.VIQRILTAEVENAK.C	
				223 - 241	740.43	52.6	K.SDLEANVEALIQE.TDFLRR.L	
				125 - 136	745.88	65.7	R.FLEQQNKLLET.K.L	
				125 - 136	746.4	62.4	R.FLEQQNKLLET.K.L	Deamidated: 6
				249 - 262	755.41	98.8	R.VLQAHISDTSVIVK.M	
				368 - 381	757.39	52.2	K.LAGLEEALQKAKQ.D.M	
				194 - 213	770.74	29	R.YEEEEVALRATAEN.EFVALKK.D	



				132 - 143	776.9	81.8	K.LLETKLQFYQNR.Q	
				132 - 143	777.37	70.1	K.LLETKLQFYQNR.Q	Deamidated: 7
				222 - 241	783.1	78.2	R.KSDLEANVEALIQ ETDFLRR.L	
				222 - 241	783.45	46.9	R.KSDLEANVEALIQ ETDFLRR.L	Deamidated: 13
				125 - 143	814.09	74.5	R.FLEQQNKLLETKL QFYQNR.Q	
				242 - 262	814.75	41.6	R.LYEEEEIRVLAHIS DTSVIVK.M	
				144 - 163	825.07	32.4	R.QCCESNLEPLFSG YIETLRR.E	Carbamidomethyl: 2, 3; Deamidated: 1
				202 - 216	825.42	55.2	R.ATAENEFVALKKD VD.C	
				388 - 408	843.78	33.8	K.EYQEVMSKLG LGLDIEIATYRR.L	Deamidated: 3
				417 - 432	855.36	126.5	R.LCEGVGSVNCV SSSR.G	Carbamidomethyl: 2, 11
				175 - 190	904.97	119.5	R.LSSELNSLQEVLE GYK.K	
				175 - 190	905.45	75.1	R.LSSELNSLQEVLE GYK.K	Deamidated: 6
				147 - 162	934.54	47.8	C.ESNLEPLFSGYIET LR.R	
				175 - 191	968.99	67.3	R.LSSELNSLQEVLE GYKK.R	
				346 - 365	1007.51	131.4	K.LEAAVTQAEQQG EAALADAK.R	
				223 - 240	1032.04	120.7	K.SDLEANVEALIQE TDFLR.R	
				222 - 240	1096.04	106.2	R.KSDLEANVEALIQ ETDFLR.R	
K86	gij999000010	54.8	6183.6	33 - 39	389.21	25.1	C.ISAAPYR.G	
				133 - 139	406.22	56.2	R.FAAFIDK.V	
				424 - 433	414.92	32.3	R.RLLEGEEQRL.C	
				492 - 500	445.77	98.2	R.VGGSILGCK.K	Carbamidomethyl: 8
				64 - 71	453.25	36.5	P.RIAVSGFR.A	
				142 - 148	453.7	36.2	R.FLEQQNK.L	
				333 - 343	468.26	27	R.RTKKEINELNR.V	Deamidated: 7
				32 - 39	469.26	44	C.CISAAPYR.G	Carbamidomethyl: 1
				413 - 424	473.95	71	K.LGLDIEIATYRR.L	
				258 - 264	476.25	56.3	R.LYEEEEIR.V	
				154 - 160	484.72	45.6	K.LQFYQNR.Q	
				154 - 160	485.26	47	K.LQFYQNR.Q	Deamidated: 6
				425 - 432	487.22	73.6	R.LLEGEEQR.L	
				348 - 356	487.74	51.9	R.LTAEVENAK.C	
				7 - 15	490.28	25.7	R.ISPGYSVTR.T	
				210 - 217	504.77	61.9	R.YEEVALR.A	
				336 - 347	504.94	42.2	K.EEINELNRVIQR.L	
				307 - 314	506.23	60.9	R.AEAESWYR.S	
				230 - 237	506.27	43	K.DVDCAYLR.K	Carbamidomethyl: 4
				336 - 343	508.76	39.8	K.EEINELNR.V	
				417 - 424	511.32	32.1	D.IEATYRR.L	
				296 - 304	524.24	64.2	K.AHYDDIASR.S	

				141 - 148	531.78	37	V.RFLEQQNK.L	
				133 - 141	533.82	70	R.FAAFIDKVR.F	
				384 - 393	536.32	87.2	K.LAGLEEALQK.A	
				384 - 393	536.84	50.2	K.LAGLEEALQK.A	Deamidated: 9
				425 - 433	543.84	63.7	R.LLEGEEQRL.C	
				54 - 64	545.79	85.8	R.SVSALGSCGPR.I	Carbamidomethyl: 8
				31 - 39	549.19	57.8	R.CCISAAPYR.G	Carbamidomethyl: 1, 2
				257 - 264	554.31	57.6	R.RLYEEEIR.V	
				404 - 412	564.26	50.6	K.EYQEVMSK.L	
				424 - 432	565.27	56.7	R.RLLEGEEQR.L	
				347 - 356	565.8	31.6	Q.RLTAEVENAK.C	
				6 - 15	568.29	35.2	Y.RISPGYSVTR.T	
				230 - 238	570.28	26.4	K.DVDCAYLRK.S	Carbamidomethyl: 4
				404 - 412	572.29	28.4	K.EYQEVMSK.L	Oxidation: 6
				128 - 141	575.67	30.2	K.CLNNRFAAFIDKV R.F	Carbamidomethyl: 1; Deamidated: 3
				16 - 26	577.76	62	R.TFSSCSAVAPK.T	Carbamidomethyl: 5
				140 - 148	581.28	37.6	K.VRFLEQQNK.L	
				334 - 347	581.35	47.6	R.TKEEINELNRVIQR .L	
				334 - 347	581.63	72	R.TKEEINELNRVIQR .L	Deamidated: 6
				209 - 217	582.79	61.7	K.RYEEEEVALR.A	
				394 - 403	589.26	52.1	K.AKQDMACLLK.E	Carbamidomethyl: 7
				218 - 228	596.82	82	R.ATAENEFVALK.K	
				218 - 228	597.35	27.8	R.ATAENEFVALK.K	Deamidated: 5
				181 - 191	597.73	82.8	R.EAECADSGR.L	Carbamidomethyl: 4
				383 - 393	600.36	95	C.KLAGLEEALQK.A D.NIVAEIKAHYDDIA SR.S	
				289 - 304	605.67	40.6		
				307 - 316	613.78	46.7	R.AEAESWYRSK.C	
				334 - 343	623.32	76.9	R.TKEEINELNR.V	
				419 - 423	623.41	26.5	E.IATYR.R	
				334 - 343	623.82	62.6	R.TKEEINELNR.V	Deamidated: 6
				305 - 314	627.78	75.5	R.SRAEAESWYR.S	
				285 - 295	630.38	71.5	D.LNMDNIVAEIK.A	
				413 - 423	632.41	104.4	K.LGLDIEIATYR.R	
				384 - 395	635.89	71.2	K.LAGLEEALQKAK. Q	
				296 - 306	645.78	57.7	K.AHYDDIASRSR.A	
				208 - 217	646.81	62.2	K.KRYEEEEVALR.A	
				169 - 179	648.37	79.5	E.PLFSGYIETLR.R	
				218 - 229	660.87	90.2	R.ATAENEFVALKK. D	
				218 - 229	661.38	76.4	R.ATAENEFVALKK. D	Deamidated: 5
				382 - 393	680.39	86.6	K.CKLAGLEEALQK. A	Carbamidomethyl: 1
				284 - 295	687.91	96.8	R.DLNMDNIVAEIK.A	
				284 - 295	688.38	36.2	R.DLNMDNIVAEIK.A	Deamidated: 3
				284 - 295	695.85	73.7	R.DLNMDNIVAEIK.A	Oxidation: 4
				284 - 295	696.38	26.3	R.DLNMDNIVAEIK.A	Oxidation: 4;

								Deamidated: 3
				192 - 209	698.39	35.1	R.LSSELNSLQEVLE GYKKR.Y	
				333 - 343	701.36	74.6	R.RTKEEINELNR.V	
				265 - 283	705.05	72.3	R.VLQAHISDTSVIVK MDNSR.D	
				192 - 204	730.82	25.7	R.LSSELNSLQEVLE. G	
				344 - 356	735.89	71	R.VIQRLTAEVENAK. C	
				239 - 257	740.43	52.6	K.SDLEANVEALIQE TDFLRR.L	
				142 - 153	745.88	65.7	R.FLEQQNKLLET.K.L	
				142 - 153	746.4	62.4	R.FLEQQNKLLET.K.L	Deamidated: 6
				265 - 278	755.41	98.8	R.VLQAHISDTSVIVK .M	
				384 - 397	757.39	52.2	K.LAGLEEALQKAKQ D.M	
				210 - 229	770.74	29	R.YEEVALRATAEN EFVALKK.D	
				149 - 160	776.9	81.8	K.LLETKLQFYQNR. Q	
				149 - 160	777.37	70.1	K.LLETKLQFYQNR. Q	Deamidated: 7
				238 - 257	783.1	78.2	R.KSDLEANVEALIQ ETDFLRR.L	
				238 - 257	783.45	46.9	R.KSDLEANVEALIQ ETDFLRR.L	Deamidated: 13
				142 - 160	814.09	74.5	R.FLEQQNKLLET.K.L QFYQNR.Q	
				258 - 278	814.75	41.6	R.LYEEEIRVLQAHIS DTSVIVK.M	
				161 - 180	825.07	32.4	R.QCCESNLEPLFSG YIETLRR.E	Carbamidomethyl: 2, 3; Deamidated: 1
				218 - 232	825.42	55.2	R.ATAENEFVALKKD VD.C	
				404 - 424	843.78	33.8	K.EYQEVMSKGLGL DIEIATYRR.L	Deamidated: 3
				433 - 448	847.39	132.1	R.LCEGVGAVNVCV SSSR.G	Carbamidomethyl: 2, 11
				192 - 207	904.97	119.5	R.LSSELNSLQEVLE GYK.K	
				192 - 207	905.45	75.1	R.LSSELNSLQEVLE GYK.K	Deamidated: 6
				164 - 179	934.54	47.8	C.ESNLEPLFSGYIET LR.R	
				192 - 208	968.99	67.3	R.LSSELNSLQEVLE GYKK.R	
				362 - 381	1007.51	131.4	K.LEAAVTQAEQQG EAALADAK.C	
				239 - 256	1032.04	120.7	K.SDLEANVEALIQE TDFLR.R	
				238 - 256	1096.04	106.2	R.KSDLEANVEALIQ ETDFLR.R	
KAP11.1	gij999000018	16.7	137.2	145 - 155	688.28	73	R.TYQQSCVSSCR.R	Carbamidomethyl: 6, 10
				121 - 144	851.02	43.1	R.SISTVCQPVGGVS TICQPTCGVSR.T	Carbamidomethyl: 6, 16, 20; Deamidated: 7
KAP13.1	gij999000030	17.4	490.2	13 - 19	448.79	40.5	L.SLRDHLR.Y	
				148 - 157	526.28	47.4	R.SGQSLSFQPT.C	
				136 - 144	576.3	44.8	R.SSFYRPTFF.S	

				26 - 36	613.8	63.1	C.GSSFPSNLVYR.T	
				136 - 145	619.83	42.6	R.SSFYRPTFFS.S	
				63 - 79	676.32	30.7	R.TQTVVSSPCQTS CYRPR.T	Carbamidomethyl: 9, 13
				136 - 147	741.33	39.2	R.SSFYRPTFFSSR. S	
				148 - 163	861.89	79.9	R.SGQSLSFQPTCG SGFY.-	Carbamidomethyl: 11
				20 - 36	934.38	102	R.YSGSSCGSSFPS NLVYR.T	Carbamidomethyl: 6
KAP15.1	gij999000032	14.6	114	1 - 11	426.2	28.6	-.SFNCSTGNFSR.S	Carbamidomethyl: 4
				68 - 82	958.41	85.5	R.FFQTSCSHPQNF FR.S	Carbamidomethyl: 6
KAP16.2	gij999000035	6	425.6	49 - 56	488.75	26.5	G.RYSSFGFL.-	
				7 - 19	690.36	64.5	N.YYGGLGYLGGF R.G	
				1 - 19	1063.96	155.8	- .SYYYGNYYGGLGY GLGGFR.G	
				1 - 19	1064.46	133.2	- .SYYYGNYYGGLGY GLGGFR.G	Deamidated: 6
				1 - 20	1092.46	26.4	- .SYYYGNYYGGLGY GLGGFRG.L	
KAP19.3	gij999000016	7.6	226.9	59 - 65	405.73	40.2	R.CPSSFGR.Y	Carbamidomethyl: 1
				65 - 72	513.76	30.2	G.RYGFSSFY.-	
				33 - 44	609.83	30.5	R.RLGFSTGFGGYG. C	
				9 - 24	767.89	99.5	S.GLGYGYGGFGL GFGR.G	
				1 - 24	870.35	73.3	- .CHYSNYYSGLYG YGGFGLGFGR.G	Carbamidomethyl: 1
				1 - 24	870.7	28.8	- .CHYSNYYSGLYG YGGFGLGFGR.G	Carbamidomethyl: 1; Deamidated: 5
				1 - 25	889.35	34.4	- .CHYSNYYSGLYG YGGFGLGFGRG.C	Carbamidomethyl: 1
KAP19.5	gij999000015	7.7	294.2	34 - 41	427.2	52.9	R.LGCGSGFR.G	Carbamidomethyl: 3
				8 - 24	564.29	30.3	Y.RGLGYGYGGFGL LGFR.G	
				9 - 24	767.89	99.5	R.GLGYGYGGFGL GFGR.G	
				9 - 25	796.36	70.6	R.GLGYGYGGFGL GFGRG.C	
KAP6.1	gij999000021	8.3	776	43 - 49	380.16	43.4	C.GYGYGSR.S	
				54 - 61	423.68	52.2	G.SGYGYGSR.S	
				53 - 61	452.19	53	C.GSGYGYGSR.S	
				42 - 49	460.18	63.1	G.CGYGYGSR.S	Carbamidomethyl: 1
				50 - 61	632.24	83.7	R.SLCGSGYGYGSR. S	Carbamidomethyl: 3
				36 - 49	763.8	92.1	R.LGCGYGCYGYG SR.S	Carbamidomethyl: 3, 7
				21 - 34	770.78	91.3	G.LGCGYGSCYGS FR.R	Carbamidomethyl: 3, 8
				20 - 34	799.28	99.3	G.GLGCYGYGSCYGS GFR.R	Carbamidomethyl: 4, 9

				35 - 49	841.81	76.1	R.RLGCGYGCGYGY GSR.S	Carbamidomethyl: 4, 8
				62 - 82	1109.91	81.4	R.SLCGSGYGCGSG YGSFGYGY.-	Carbamidomethyl: 3, 9
KAP6.3	gij999000020	8.3	585.1	43 - 49	380.16	43.4	C.GYGYGSR.S	
				42 - 49	460.18	63.1	G.CGYYGSR.S	Carbamidomethyl: 1
				36 - 49	763.8	92.1	R.LGCGYGCGYGYG SR.S	Carbamidomethyl: 3, 7
				21 - 34	770.78	91.3	G.LGCGYGSCYGS FR.R	Carbamidomethyl: 3, 8
				20 - 34	799.28	99.3	G.GLGCGYGSCYGS GFR.R	Carbamidomethyl: 4, 9
				35 - 49	841.81	76.1	R.RLGCGYGCGYGY GSR.S	Carbamidomethyl: 4, 8
				50 - 65	845.82	79.4	R.SLCGSGYGCGSR PLYG.C	Carbamidomethyl: 3, 9
KAP6.3 var1	gij999000019	7.1	575.8	43 - 49	380.16	43.4	C.GYGYGSR.S	
				42 - 49	460.18	63.1	G.CGYYGSR.S	Carbamidomethyl: 1
				36 - 49	763.8	92.1	R.LGCGYGCGYGYG SR.S	Carbamidomethyl: 3, 7
				21 - 34	770.78	91.3	G.LGCGYGSCYGS FR.R	Carbamidomethyl: 3, 8
				20 - 34	799.28	99.3	G.GLGCGYGSCYGS GFR.R	Carbamidomethyl: 4, 9
				35 - 49	841.81	76.1	R.RLGCGYGCGYGY GSR.S	Carbamidomethyl: 4, 8
				50 - 70	1147.92	70.2	R.SLYGCGYGCGSG YGSFGYGY.-	Carbamidomethyl: 5, 9
KAP8.1	gij999000043	6.7	106.8	54 - 60	468.77	49.5	R.RFWPFAL.Y	
				54 - 61	550.31	57.3	R.RFWPFAL.Y.-	
K31	gij164652864	46.8	6097.7	224 - 229	366.15	49.8	R.VLNETR.A	
				224 - 229	366.71	34	R.VLNETR.A	Deamidated: 3
				8 - 13	367.25	36.7	L.PNLSFR.S	
				136 - 142	404.19	58.2	K.LAADDFR.T	
				217 - 223	407.73	44	A.PTVDLNR.V	
				67 - 73	412.26	59.2	R.LASYLEK.V	
				7 - 13	423.77	40.4	C.LPNLSFR.S	
				250 - 256	431.23	28.2	R.QTEELNK.Q	
				287 - 293	434.2	26.6	L.QAQHNL.R.D	Deamidated: 5
				192 - 202	443.22	37.7	K.SNHEEEVNTLR.S	
				192 - 202	443.53	39.4	K.SNHEEEVNTLR.S	Deamidated: 2
				223 - 229	444.19	35.8	N.RVLNETR.A	
				153 - 164	467.25	49	R.QLVESDINGLRR.I	
				153 - 164	467.6	45.1	R.QLVESDINGLRR.I	Deamidated: 8
				80 - 87	474.22	51.4	R.ENAELESR.I	
				351 - 357	478.25	29.6	E.CEINTYR.G	Carbamidomethyl: 1
				230 - 241	483.92	67.4	R.AQYEALVETNRR. D	
				230 - 241	484.24	62.8	R.AQYEALVETNRR. D	Deamidated: 10
				145 - 152	490.77	57.6	K.YETELGLR.Q	
				109 - 116	494.75	65.7	R.TIEELQKQ.I	
				243 - 249	497.78	53.5	D.VEEWYIR.Q	
				127 - 135	500.33	75.6	R.LVVQIDNAK.L	
				127 - 135	500.81	60.4	R.LVVQIDNAK.L	Deamidated: 7

				127 - 135	500.84	51.4	R.LVVQIDNAK.L	Deamidated: 4
				6 - 13	503.79	55.7	F.CLPNLSFR.S	Carbamidomethyl: 1
				136 - 144	518.77	51.3	K.LAADDFRTK.Y	
				61 - 73	532.99	35.7	M.QFLNDRLASYLEK.V	
				101 - 108	537.8	63.7	C.PNYQSYFR.T	
				67 - 75	539.81	79.8	R.LASYLEKVR.Q	
				1 - 13	544.94	31.5	.MSFNFCLPNLSFR.S	Carbamidomethyl: 6
				165 - 173	552.86	72.8	R.ILDELTLCK.S	Carbamidomethyl: 8
				242 - 249	555.31	65.2	R.DVEEWYIR.Q	
				405 - 413	556.73	67.9	R.CGPCNSYVR.-	Carbamidomethyl: 1, 4
				215 - 229	557.34	34.9	D.AAPTVDLNRVLNE TR.A	Deamidated: 8
				221 - 229	557.81	36.7	D.LNRVLNETR.A	
				108 - 116	572.81	31.4	F.RTIEELQQK.I	
				74 - 87	576.96	48	K.VRQLERENAELES R.I	
				58 - 66	577.31	55.8	K.ETMQFLNDR.L	
				5 - 13	577.34	40.8	N.FCLPNLSFR.S	Carbamidomethyl: 2
				335 - 348	578	44.8	R.QNQEYQVLLDVR AR.L	
				126 - 135	578.29	65.7	A.RLVVQIDNAK.L	
				58 - 66	585.26	43.2	K.ETMQFLNDR.L	Oxidation: 3
				208 - 223	595.03	30.4	D.RLNVEVDAAPTVD LNR.V	Deamidated: 15
				349 - 357	599.28	65.1	R.LECEINTYR.G	Carbamidomethyl: 3
				284 - 293	604.32	62.1	E.VELQAQHNL.R.D	
				143 - 152	605.37	68.6	R.TKYETELGLR.Q	
				109 - 118	607.91	45.3	R.TIEELQQKIL.C	
				153 - 163	622.36	37.8	R.QLVESDINGLR.R	
				153 - 163	622.83	62.7	R.QLVESDINGLR.R	Deamidated: 8
				164 - 173	630.86	48.8	R.RILDELTLCK.S	Carbamidomethyl: 9
				241 - 249	633.34	53.4	R.RDVEEWYIR.Q	
				4 - 13	634.36	28	F.NFCLPNLSFR.S	Carbamidomethyl: 3
				230 - 240	647.34	94.9	R.AQYEALVETNR.R	
				230 - 240	647.85	79.2	R.AQYEALVETNR.R	Deamidated: 2
				242 - 256	651.34	43	R.DVEEWYIRQTEEL NK.Q	
				58 - 73	653.36	52.6	K.ETMQFLNDRLASYLEK.V	
				277 - 293	664.36	92.1	R.RTVNALEVELQQAQ HNL.R.D	
				277 - 293	664.7	60.2	R.RTVNALEVELQQAQ HNL.R.D	Deamidated: 4
				192 - 202	664.78	48.7	K.SNHEEEVNTLR.S	Deamidated: 8
				136 - 152	666.71	58.5	K.LAADDFRTKYETE LGLR.Q	
				290 - 306	667.32	33.3	Q.HNLRDSLENTLTE TEAR.Y	Deamidated: 2
				203 - 214	672.83	73.9	R.SQLGDRLNVEVD. A	

				295 - 306	682.35	92.2	D.SLENTLTETEAR.Y	
				295 - 306	682.83	93.4	D.SLENTLTETEAR.Y	Deamidated: 4
				174 - 191	702.06	43.3	K.SDLEAQVESLKEE LICKL.S	Carbamidomethyl: 16
				109 - 126	711.37	37.4	R.TIEELQQKILCAKS ENAR.L	Carbamidomethyl: 11; Deamidated: 6
				347 - 357	712.85	62.6	R.ARLECEINTYR.G	Carbamidomethyl: 5
				347 - 357	713.37	26.9	R.ARLECEINTYR.G	Carbamidomethyl: 5; Deamidated: 8
				224 - 241	721.34	43	R.VLNETRAQYEALV ETNRR.D	
				224 - 241	721.68	40.6	R.VLNETRAQYEALV ETNRR.D	Deamidated: 8
				180 - 191	730.9	71.8	Q.VESLKEELICKL.S	Carbamidomethyl: 10
				76 - 87	737.34	39	R.QLERENAELESR.I	
				76 - 87	737.85	28	R.QLERENAELESR.I	Deamidated: 1
				58 - 75	738.38	25.2	K.ETMQFLNDRLASV LEKVR.Q	
				294 - 306	739.83	110.7	R.DSLENTLTETEAR. Y	
				294 - 306	740.33	93.4	R.DSLENTLTETEAR. Y	Deamidated: 5
				58 - 75	743.7	47.6	K.ETMQFLNDRLASV LEKVR.Q	Oxidation: 3
				335 - 346	752.9	100.1	R.QNQEYQVLLDVR. A	
				335 - 346	753.43	73	R.QNQEYQVLLDVR. A	Deamidated: 3
				281 - 293	760.89	94.7	N.ALEVELQAQHNL .D	
				209 - 229	780.11	43	R.LNVEVDAAPTVDL NRVLNETR.A	
				209 - 223	813.41	98.2	R.LNVEVDAAPTVDL NR.V	
				313 - 334	829.46	36.3	N.QVQSLISNVESQL AEIRGDLER.Q	Deamidated: 1, 3
				208 - 229	832.13	25.7	D.RLNVEVDAAPTVD LNRVLNETR.A	
				215 - 229	834.96	43.2	D.AAPTVDLNRVLNE TR.A	
				174 - 188	851.94	35.2	K.SDLEAQVESLKEE L.I.C	
				74 - 87	865.4	60.8	K.VRQLERENAELES R.I	Deamidated: 3
				208 - 223	891.46	91.2	D.RLNVEVDAAPTVD LNR.V	
				59 - 73	914.97	58.9	E.TMQFLNDRLASV EK.V	
				278 - 293	917.99	134.1	R.TVNALEVELQAQH NLR.D	
				278 - 293	918.47	105.8	R.TVNALEVELQAQH NLR.D	Deamidated: 10
				278 - 293	918.49	119.9	R.TVNALEVELQAQH NLR.D	Deamidated: 3
				306 - 329	946.83	30.5	A.RYSCQLNQVQSLI SNVESQLAEIR.G	Carbamidomethyl: 4; Deamidated: 8, 10, 15
				278 - 294	975.48	70.7	R.TVNALEVELQAQH NLRD.S	
				58 - 73	980.04	40.1	K.ETMQFLNDRLASV LEK.V	Deamidated: 4
				174 - 191	1053.05	41.7	K.SDLEAQVESLKEE	Carbamidomethyl:

							LICLK.S	16; Deamidated: 6
				92 - 108	1072.49	72	R.SQQQEPLVCPNY QSYFR.T	Carbamidomethyl: 9
				278 - 306	1099.18	29.1	R.TVNALEVELQAQH NLRDSLENTLTETEA R.Y	Deamidated: 14
				203 - 223	1141.57	90.9	R.SQLGDRLNVEVD AAPTVDLNR.V	
				203 - 223	1142.07	38.4	R.SQLGDRLNVEVD AAPTVDLNR.V	Deamidated: 2
K34	gi 309323371	46.6	5554	152 - 160	351.5	44.4	K.LASDDFR.TK.Y	
				240 - 245	366.15	49.8	R.VLNETR.A	
				240 - 245	366.71	34	R.VLNETR.A	Deamidated: 3
				233 - 239	407.73	44	A.PTVDLNR.V	
				152 - 158	412.18	62.1	K.LASDDFR.T	
				83 - 89	412.26	59.2	R.LASYLEK.V	
				266 - 272	431.23	28.2	R.QTEELNK.Q	
				303 - 309	434.2	26.6	L.QAQHNL.R.D	Deamidated: 5
				208 - 218	442.9	71.8	K.KNHEEEANSLR.S	
				208 - 218	443.22	40	K.KNHEEEANSLR.S	Deamidated: 2
				239 - 245	444.19	35.8	N.RVLNETR.A	
				159 - 165	456.68	39	R.TKYESER.S	
				96 - 103	474.22	51.4	R.ENAELES.R.I	
				246 - 257	483.92	67.4	R.AQYEALVETNRR. D	
				246 - 257	484.24	62.8	R.AQYEALVETNRR. D	Deamidated: 10
				125 - 132	494.75	65.7	R.TIEELQQK.I	
				259 - 265	497.78	53.5	D.VEEWYIR.Q	
				143 - 151	507.32	73.1	R.LVIQIDNAK.L	
				143 - 151	507.85	65.1	R.LVIQIDNAK.L	Deamidated: 7
				77 - 89	532.99	35.7	M.QFLNDR.LASYLEK .V	
				117 - 124	537.8	63.7	C.PNYQSYFR.T	
				83 - 91	539.81	79.8	R.LASYLEKVR.Q	
				181 - 189	552.86	72.8	R.ILDELTLCK.S	Carbamidomethyl: 8
				258 - 265	555.31	65.2	R.DVEEWYIR.Q	
				231 - 245	557.34	34.9	D.AAPTVDLNRVLNE TR.A	Deamidated: 8
				237 - 245	557.81	36.7	D.LNRVLNETR.A	
				365 - 373	562.76	65.1	R.LESEINTYR.G	
				124 - 132	572.81	31.4	F.RTIEELQQK.I	
				152 - 165	572.96	36.1	K.LASDDFR.TKYESE R.S	
				90 - 103	576.96	48	K.VRQLERENAELES R.I	
				74 - 82	577.31	55.8	K.ETMQFLNDR.L	
				74 - 82	585.26	43.2	K.ETMQFLNDR.L	Oxidation: 3
				224 - 239	595.03	30.4	D.RLNVEVDAAPTVD LNR.V	Deamidated: 15
				166 - 180	596.03	38.2	R.SLRQLVESDINSL RR.I	
				166 - 180	596.34	30.5	R.SLRQLVESDINSL RR.I	Deamidated: 11
				209 - 218	599.74	63.7	K.NHEEEANSLR.S	
				209 - 218	600.29	44.5	K.NHEEEANSLR.S	Deamidated: 1
				300 - 309	604.32	62.1	E.VELQAQHNL.R.D	



				125 - 134	607.91	45.3	R.TIEELQQKIL.C	
				180 - 189	630.86	48.8	R.RILDELTLCK.S	Carbamidomethyl: 9
				257 - 265	633.34	53.4	R.RDVEEWYIR.Q	
				169 - 179	637.32	47.4	R.QLVESDINSLR.R	
				364 - 373	640.79	36.6	A.RLESEINTYR.G	
				246 - 256	647.34	94.9	R.AQYEALVETNR.R	
				246 - 256	647.85	79.2	R.AQYEALVETNR.R	Deamidated: 2
				258 - 272	651.34	43	R.DVEEWYIRQTEEL NK.Q	
				74 - 89	653.36	52.6	K.ETMQFLNDRASY LEK.V	
				293 - 309	664.36	92.1	R.RTVNALEVELQAQ HNLR.D	
				293 - 309	664.7	60.2	R.RTVNALEVELQAQ HNLR.D	Deamidated: 4
				306 - 322	667.32	33.3	Q.HNLRDSLENTL TEAR.Y	Deamidated: 2
				219 - 230	672.83	73.9	R.SQLGDRLNVEVD. A	
				363 - 373	676.39	82	K.ARLESEINTYR.G	
				363 - 373	676.84	69.6	K.ARLESEINTYR.G	Deamidated: 8
				311 - 322	682.35	92.2	D.SLENTLTETEAR.Y	
				311 - 322	682.83	93.4	D.SLENTLTETEAR.Y	Deamidated: 4
				346 - 362	693.05	57.5	R.SDLERQONQEYQV LLDVK.A	
				190 - 207	702.06	43.3	K.SDLEAQVESLKEE LLCLK.K	Carbamidomethyl: 16
				240 - 257	721.34	43	R.VLNETRAQYEALV ETNRR.D	
				240 - 257	721.68	40.6	R.VLNETRAQYEALV ETNRR.D	Deamidated: 8
				196 - 207	730.9	71.8	Q.VESLKEELLCLK.K	Carbamidomethyl: 10
				92 - 103	737.34	39	R.QLERENAELESR.I	
				92 - 103	737.85	28	R.QLERENAELESR.I	Deamidated: 1
				74 - 91	738.38	25.2	K.ETMQFLNDRASY LEKVR.Q	
				310 - 322	739.83	110.7	R.DSLENTLTETEAR. Y	
				310 - 322	740.33	93.4	R.DSLENTLTETEAR. Y	Deamidated: 5
				74 - 91	743.7	47.6	K.ETMQFLNDRASY LEKVR.Q	Oxidation: 3
				190 - 208	744.75	35.6	K.SDLEAQVESLKEE LLCLK.N	Carbamidomethyl: 16
				297 - 309	760.89	94.7	N.ALEVELQAQHNL .D	
				225 - 245	780.11	43	R.LNVEVDAAPTVDL NRVLNETR.A	
				138 - 151	793.87	53.4	K.SENSRLVIQIDNAK .L	
				225 - 239	813.41	98.2	R.LNVEVDAAPTVDL NR.V	
				166 - 179	815.47	62.6	R.SLRQLVESDINSL R.R	
				224 - 245	832.13	25.7	D.RLNVEVDAAPTVD LNRVLNETR.A	
				231 - 245	834.96	43.2	D.AAPTVDLNRVLNE TR.A	
				190 - 204	851.94	35.2	K.SDLEAQVESLKEE LL.C	

				351 - 364	852.45	66.9	R.QNQEYQVLLDVK AR.L	
				90 - 103	865.4	60.8	K.VRQLERENAELES R.I	Deamidated: 3
				16 - 29	877.81	28.6	S.TMSYSCCLPTLSY R.S	Carbamidomethyl: 6, 7; Oxidation: 2
				224 - 239	891.46	91.2	D.RLNVEVDAAPTVD LNR.V	
				75 - 89	914.97	58.9	E.TMQFLNDRLASYL EK.V	
				294 - 309	917.99	134.1	R.TVNALEVELQAQH NLR.D	
				294 - 309	918.47	105.8	R.TVNALEVELQAQH NLR.D	Deamidated: 10
				294 - 309	918.49	119.9	R.TVNALEVELQAQH NLR.D	Deamidated: 3
				294 - 310	975.48	70.7	R.TVNALEVELQAQH NLRD.S	
				74 - 89	980.04	40.1	K.ETMQFLNDRLASYL LEK.V	Deamidated: 4
				190 - 207	1053.05	41.7	K.SDLEAQVESLKEE LLCLK.K	Carbamidomethyl: 16; Deamidated: 6
				108 - 124	1079.52	83.8	R.SQQEPLLCPNY QSYFR.T	Carbamidomethyl: 9
				294 - 322	1099.18	29.1	R.TVNALEVELQAQH NLRDSENTLTETEA R.Y	Deamidated: 14
				219 - 239	1141.57	90.9	R.SQLGDRLNVEVD AAPTVDLNR.V	
				219 - 239	1142.07	38.4	R.SQLGDRLNVEVD AAPTVDLNR.V	Deamidated: 2
K83	gij312283588	53.9	5771.2	39 - 44	378.16	25.6	R.GISCYR.G	Carbamidomethyl: 4
				122 - 128	406.22	56.2	R.FAAFIDK.V	
				413 - 422	414.92	32.3	R.RLLEGEEQRL.C	
				45 - 53	426.2	57.6	R.GLTGGFGSR.S	
				220 - 226	441.72	48.2	D.VDCAYVR.K	Carbamidomethyl: 3
				131 - 137	453.7	36.2	R.FLEQQNK.L	
				322 - 332	468.26	27	R.RTKEEINELNR.V	Deamidated: 7
				402 - 413	473.95	71	K.LGLDIEIATYRR.L	
				247 - 253	476.25	56.3	R.LYEEEIR.V	
				143 - 149	476.79	37.9	K.LQFFQNR.Q	
				414 - 421	487.22	73.6	R.LLEGEEQR.L	
				337 - 345	487.74	51.9	R.LTAEVENAK.C	
				219 - 226	499.25	54.4	K.DVDCAYVR.K	Carbamidomethyl: 4
				44 - 53	504.25	44.3	Y.RGLTGGFGSR.S	
				199 - 206	504.77	61.9	K.YEEVALR.A	
				325 - 336	504.94	42.2	K.EEINELNRVIQR.L	
				296 - 303	506.23	60.9	R.AEAESWYR.S	
				16 - 29	507.92	32.9	R.AFSCVSACGPRP GR.C	Carbamidomethyl: 4, 8
				325 - 332	508.76	39.8	K.EEINELNR.V	
				406 - 413	511.32	32.1	D.IEATYRR.L	
				285 - 293	519.76	74.8	K.AQYDDIASR.S	
				130 - 137	531.78	37	V.RFLEQQNK.L	
				122 - 130	533.82	70	R.FAAFIDKVR.F	
				373 - 382	536.32	87.2	K.LAGLEEALQK.A	
				373 - 382	536.84	50.2	K.LAGLEEALQK.A	Deamidated: 9

				143 - 150	540.78	41.9	K.LQFFQNRQ.C	
				414 - 422	543.84	63.7	R.LLEGEEQRL.C	
				246 - 253	554.31	57.6	R.RLYEEEEIR.V	
				30 - 38	556.25	66.8	R.CCITAAPYR.G	Carbamidomethyl: 1, 2
				393 - 401	564.26	50.6	K.EYQEVMSK.L	
				413 - 421	565.27	56.7	R.RLLEGEEQR.L	
				336 - 345	565.8	31.6	Q.RLTAEVENAK.C	
				198 - 206	568.79	71.5	K.KYEEEEVALR.A	
				393 - 401	572.29	28.4	K.EYQEVMSK.L	Oxidation: 6
				117 - 130	575.67	30.2	K.CLNNRFAAFIDKV R.F	Carbamidomethyl: 1; Deamidated: 3
				4 - 15	579.81	86.2	C.GFSTVSGFGSR. A	
				129 - 137	581.28	37.6	K.VRFLEQQNK.L	
				323 - 336	581.35	47.6	R.TKEEINELNRVIQR .L	
				323 - 336	581.63	72	R.TKEEINELNRVIQR .L	Deamidated: 6
				383 - 392	589.26	52.1	K.AKQDMACLK.E	Carbamidomethyl: 7
				207 - 217	596.82	82	R.ATAENEFVALK.K	
				207 - 217	597.35	27.8	R.ATAENEFVALK.K	Deamidated: 5
				372 - 382	600.36	95	C.KLAGLEEALQK.A	
				16 - 26	606.22	49.8	R.AFSCVSACGPR.P	Carbamidomethyl: 4, 8
				170 - 180	611.72	87.6	R.EAECVEADSGR.L	Carbamidomethyl: 4
				296 - 305	613.78	46.7	R.AEAESWYRSK.C	
				323 - 332	623.32	76.9	R.TKEEINELNR.V	
				408 - 412	623.41	26.5	E.IATYR.R	
				323 - 332	623.82	62.6	R.TKEEINELNR.V	Deamidated: 6
				294 - 303	627.78	75.5	R.SRAEAESWYR.S	
				402 - 412	632.41	104.4	K.LGLDIEIATYR.R	
				197 - 206	632.85	60.6	K.KYEEEEVALR.A	
				373 - 384	635.89	71.2	K.LAGLEEALQKAK. Q	
				285 - 295	641.3	56.1	K.AQYDDIASRSR.A	
				181 - 197	658.36	33.8	R.LSSELNHVQEVLE GYKK.K	
				181 - 197	658.7	31.3	R.LSSELNHVQEVLE GYKK.K	Deamidated: 9
				3 - 15	659.78	77.4	T.CGFSTVSGFGS R.A	Carbamidomethyl: 1
				207 - 218	660.87	90.2	R.ATAENEFVALKK. D	
				207 - 218	661.38	76.4	R.ATAENEFVALKK. D	Deamidated: 5
				230 - 246	673.07	48.6	D.LEANSEALIQEIDF LRR.L	
				371 - 382	680.39	86.6	R.CKLAGLEEALQK. A	Carbamidomethyl: 1
				322 - 332	701.36	74.6	R.RTKEEINELNR.V	
				2 - 15	710.28	112.2	M.TCGFSTVSGFG SR.A	Carbamidomethyl: 2
				273 - 284	710.89	66.4	R.DLNMDCIVAEIK.A	Carbamidomethyl: 6
				227 - 245	731.09	41.2	R.KSDLEANSEALIQ EIDFLR.R	
				333 - 345	735.89	71	R.VIQRLTAEVENAK.	

							C	
				254 - 267	743.91	113.2	R.VLQANISDTSVIVK.M	
				131 - 142	745.88	65.7	R.FLEQQNKLETK.L	
				131 - 142	746.4	62.4	R.FLEQQNKLETK.L	Deamidated: 6
				373 - 386	757.39	52.2	K.LAGLEEALQKAKQ.D.M	
				138 - 149	768.91	86.1	K.LLETKLQFFQNR.Q	
				199 - 218	770.74	29	K.YEEEEVALRATAEN.EFVALKK.D	
				349 - 370	776.78	28.2	N.SKLEAAVTQAEQ.QGEVALNDAR.C	
				227 - 246	783.07	63.9	R.KSDLEANSEALIQ.EIDFLRR.L	
				227 - 246	783.44	34	R.KSDLEANSEALIQ.EIDFLRR.L	Deamidated: 7
				247 - 267	807.42	35.5	R.LYEEEEIRVLQANIS.DTSVIVK.M	Deamidated: 12
				131 - 149	808.75	57.7	R.FLEQQNKLETKL.QFFQNR.Q	
				131 - 149	809.07	42.2	R.FLEQQNKLETKL.QFFQNR.Q	Deamidated: 4
				131 - 149	809.09	51.1	R.FLEQQNKLETKL.QFFQNR.Q	Deamidated: 6
				207 - 221	825.42	55.2	R.ATAENEFVALKKD.VD.C	
				393 - 413	843.78	33.8	K.EYQEVMSKGLGL.DIEIATYRR.L	Deamidated: 3
				422 - 437	847.39	132.1	R.LCEGVGAVNVCV.SSSR.G	Carbamidomethyl: 2, 11
				246 - 267	859.43	29.4	R.RLYEEEEIRVLQANI.SDTSVIVK.M	Deamidated: 13
				181 - 196	922.97	94.9	R.LSSELNHHVQEVLE.GYK.K	
				230 - 245	930.96	89	D.LEANSEALIQEIDF.LR.R	
				228 - 245	1032.01	94.5	K.SDLEANSEALIQEID.FLR.R	
				351 - 370	1057.04	125.5	K.LEAAVTQAEQQG.EVALNDAR.C	
				227 - 245	1096.54	60.7	R.KSDLEANSEALIQ.EIDFLR.R	Deamidated: 7
K85	gj 164652870	56.3	4789.3	263 - 272	414.92	32.3	R.RLLEGEEQRL.C	
				172 - 182	468.26	27	R.RTKKEINELNR.V	Deamidated: 7
				252 - 263	473.95	71	K.LGLDIEIATYRR.L	
				264 - 271	487.22	73.6	R.LLEGEEQR.L	
				187 - 195	494.77	55.4	R.LTAEIENAK.C	
				49 - 56	504.77	61.9	K.YEEEEVALR.A	
				175 - 186	504.94	42.2	K.EEINELNRVIQR.L	
				146 - 153	506.23	60.9	R.AEAESWYR.S	
				69 - 76	506.27	43	K.DVDCAYLR.K	Carbamidomethyl: 4
				175 - 182	508.76	39.8	K.EEINELNR.V	
				256 - 263	511.32	32.1	D.IEATYRR.L	
				135 - 143	519.76	74.8	K.AQYDDIASR.S	
				328 - 337	523.16	55	R.ASSFSCGSSR.S	Carbamidomethyl: 6
				293 - 303	535.25	59.7	C.GGLTYSSTAGR.Q	
				223 - 232	536.32	87.2	K.LAGLEEALQK.A	
				223 - 232	536.84	50.2	K.LAGLEEALQK.A	Deamidated: 9

				264 - 272	543.84	63.7	R.LLEGEEQRL.C	
				243 - 251	564.26	50.6	K.EYQEVMSK.L	
				263 - 271	565.27	56.7	R.RLLEGEEQRL.L	
				48 - 56	568.79	71.5	K.KYEEEEVALR.A	
				69 - 77	570.28	26.4	K.DVDCAYLRK.S	Carbamidomethyl: 4
				243 - 251	572.29	28.4	K.EYQEVMSK.L	Oxidation: 6
				173 - 186	581.35	47.6	R.TKEEINELNRVIQR .L	
				173 - 186	581.63	72	R.TKEEINELNRVIQR .L	Deamidated: 6
				233 - 242	589.26	52.1	K.AKQDMACLK.E	Carbamidomethyl: 7
				20 - 30	600.26	75.6	R.EAEHVEADSGR.L	
				222 - 232	600.36	95	S.KLAGLEEALQK.A	
				57 - 67	610.85	81.9	R.ATAENEFVVLK.K	
				146 - 155	613.78	46.7	R.AEAESWYRSK.C	
				173 - 182	623.32	76.9	R.TKEEINELNR.V	
				258 - 262	623.41	26.5	E.IATYR.R	
				173 - 182	623.82	62.6	R.TKEEINELNR.V	Deamidated: 6
				144 - 153	627.78	75.5	R.SRAEAESWYR.S	
				252 - 262	632.41	104.4	K.LGLDIEIATYR.R	
				47 - 56	632.85	60.6	K.KKYEEEEVALR.A	
				223 - 234	635.89	71.2	K.LAGLEEALQKAK. Q	
				135 - 145	641.3	56.1	K.AQYDDIASRSR.A	
				221 - 232	643.88	106	R.SKLAGLEEALQK. A	
				31 - 47	653.39	35	R.LASELNHVQEVLE GYKK.K	Deamidated: 6
				78 - 95	670.04	33.9	K.SDLEANVEALVEE SNFLK.R	Deamidated: 15
				57 - 68	674.87	85	R.ATAENEFVVLKK. D	
				57 - 68	675.39	69.4	R.ATAENEFVVLKK. D	Deamidated: 5
				31 - 48	695.71	37.6	R.LASELNHVQEVLE GYKKK.Y	
				172 - 182	701.36	74.6	R.RTKEEINELNR.V	
				289 - 303	728.82	74	G.GVACGGLTYSS AGR.Q	Carbamidomethyl: 4
				154 - 165	734.37	57.1	R.SKCEEMKATVIR. H	Carbamidomethyl: 3; Oxidation: 6
				221 - 234	743.44	74.7	R.SKLAGLEEALQKA K.Q	
				288 - 303	757.33	96	R.GGVACGGLTYSS TAGR.Q	Carbamidomethyl: 5
				223 - 236	757.39	52.2	K.LAGLEEALQKAKQ D.M	
				199 - 220	762.71	74.2	R.TKLEAAVAEAEQQ GAAALNDAR.S	Deamidated: 13
				77 - 96	764.44	84.2	R.KSDLEANVEALVE ESNFLKR.L	
				77 - 96	764.77	33.8	R.KSDLEANVEALVE ESNFLKR.L	Deamidated: 16
				1 - 19	791.05	41.4	- .CCESNLEPLFNGYI ETLRR.E	Carbamidomethyl: 1, 2
				304 - 327	794.71	79.9	R.QIASGPVATGGSI TVLAPDSCQPR.A	Carbamidomethyl: 21
				97 - 117	800.78	45.9	R.LYDEEIQILNAHIS	

							DTSVIVK.M	
				57 - 71	839.44	34.3	R.ATAENEFVVLKGD VD.C	
				243 - 263	843.78	33.8	K.EYQEVMSKLG L DIEIATYRR.L	Deamidated: 3
				272 - 287	855.36	126.5	R.LCEGVGSVNV CV SSSR.G	Carbamidomethyl: 2, 11
				31 - 46	914.99	138.7	R.LASELNHVQEV LE GYK.K	
				78 - 95	1004.01	115.6	K.SDLEANVEALV EE SNFLK.R	
				201 - 220	1028.51	158.4	K.LEAAVAEAEQ QG EAALNDAR.S	
				77 - 95	1068.04	129.9	R.KSDLEANVEAL VE ESNFLK.R	
				78 - 96	1082.11	92.1	K.SDLEANVEALV EE SNFLK.R.L	
				199 - 220	1143.05	172.5	R.TKLEAAVAEAE EQ GAAALNDAR.S	
				199 - 220	1143.54	74.3	R.TKLEAAVAEAE EQ GAAALNDAR.S	Deamidated: 19
KAP7	gij224555962	8.8	181.5	4 - 23	821.97	52.6	R.FFCCGSYFPGY P SYGTNFHR.T	Carbamidomethyl: 3, 4
				4 - 23	822.36	26.2	R.FFCCGSYFPGY P SYGTNFHR.T	Carbamidomethyl: 3, 4; Deamidated: 17
				8 - 23	925.39	82.3	C.GSYFPGYPSY GT NFHR.T	
PREDICTE D: desmoglei n-4	gij426253981	113.8	231.6	1,037 - 1,045	570.24	46.6	R.YSNIHYSQQ.-	
				1,019 - 1,031	675.8	48.4	R.ISQTSSTSPV TSR. H	
				92 - 110	677.4	41.4	R.ISGAGIDRPPY GV FTINPR.T	
PREDICTE D: junction plakoglobin	gij426238025	81.7	138.6	478 - 487	544.36	37.8	R.LNYGIPAIVK.L	
				638 - 651	742.37	77	R.NEGTATYAAAV L R.I	
PREDICTE D: KAP13.1- like	gij426219157	19.6	267.9	34 - 40	434.73	40.7	R.SLQDHLR.T	
				128 - 137	551.74	62.7	R.SCYSVGCGR.G	Carbamidomethyl: 2, 7
				116 - 127	601.25	66.9	R.SSSCSSLSSGS R. S	Carbamidomethyl: 4
				97 - 115	1054.46	97.7	R.TSTFSSPCQT TFP GSLAYR.S	Carbamidomethyl: 8
PREDICTE D: K32	gij426238005	46	1117.9	133 - 139	404.19	58.2	K.LAADDFR.S	
				142 - 149	490.77	57.6	K.YETELGLR.Q	
				106 - 113	494.75	65.7	K.TIEELQK.I	
				239 - 246	541.3	53.4	R.DVEEWFTR.Q	
				162 - 170	552.86	72.8	R.ILDELTLCK.A	Carbamidomethyl: 8
				140 - 149	598.29	56.6	R.SKYETELGLR.Q	
				106 - 115	607.91	45.3	K.TIEELQKIL.Y	
				161 - 170	630.86	48.8	R.RILDELTLCK.A	Carbamidomethyl: 9
				292 - 303	682.35	92.2	D.SLENTLTETEAR.Y	

				292 - 303	682.83	93.4	D.SLENTLTETEAR.Y	Deamidated: 4
				291 - 303	739.83	110.7	R.DSLENTLTETEAR.Y	
				291 - 303	740.33	93.4	R.DSLENTLTETEAR.Y	Deamidated: 5
				332 - 343	766.94	50.1	R.QNQEYRVLLDVR.A	
				303 - 326	909.07	31.5	A.RYASQLAQMQL VTNVESQLAEIR.C	Oxidation: 9; Deamidated: 5, 8, 10, 15
PREDICTE D: K20	gij426237957	48.3	241.8	81 - 89	553.84	76.1	R.LASYLERVR.S	
				367 - 371	623.41	26.5	E.IATYR.R	
PREDICTE D: K40	gij426237961	47.7	1095.6	169 - 175	404.19	58.2	K.LAADDFR.S	
				100 - 106	412.26	59.2	R.LASYLEK.V	
				384 - 390	478.25	29.6	E.CEINTYR.G	Carbamidomethyl: 1
				94 - 106	532.99	35.7	M.QFLNDRLASYLEK.V	
				100 - 108	539.81	79.8	R.LASYLEKVR.G	
				100 - 109	568.36	44	R.LASYLEKVRG.L	
				91 - 99	577.31	55.8	K.ETMQFLNDR.L	
				91 - 99	585.26	43.2	K.ETMQFLNDR.L	Oxidation: 3
				382 - 390	599.28	65.1	R.LECEINTYR.G	Carbamidomethyl: 3
				226 - 235	606.27	63.6	K.SHEEEVNL.R.G	
				370 - 379	619.33	33.6	N.QEYQVLLDTK.A	Deamidated: 4
				91 - 106	653.36	52.6	K.ETMQFLNDRLASYLEK.V	
				380 - 390	712.85	62.6	K.ARLECEINTYR.G	Carbamidomethyl: 5
				380 - 390	713.37	26.9	K.ARLECEINTYR.G	Carbamidomethyl: 5; Deamidated: 8
				91 - 108	738.38	25.2	K.ETMQFLNDRLASYLEKVR.G	
				91 - 108	743.7	47.6	K.ETMQFLNDRLASYLEKVR.G	Oxidation: 3
				92 - 106	914.97	58.9	E.TMQFLNDRLASYLEK.V	
				91 - 106	980.04	40.1	K.ETMQFLNDRLASYLEK.V	Deamidated: 4
PREDICTE D: K83	gij426226636	51.3	2049.7	39 - 44	378.16	25.6	R.GISCYR.G	Carbamidomethyl: 4
				122 - 128	406.22	56.2	R.FAAFIDK.V	
				45 - 53	426.2	57.6	R.GLTGGFGSR.S	
				131 - 137	453.7	36.2	R.FLEQQNK.L	
				396 - 407	473.95	71	K.LGLDIEIATYRR.L	
				331 - 339	487.74	51.9	R.LTAEVENAK.C	
				44 - 53	504.25	44.3	Y.RGLTGGFGSR.S	
				200 - 207	504.77	61.9	K.YEEVALR.A	
				16 - 29	507.92	32.9	R.AFSCVSACGPRPGR.C	Carbamidomethyl: 4, 8
				400 - 407	511.32	32.1	D.IEATYRR.L	
				130 - 137	531.78	37	V.RFLEQQNK.L	
				122 - 130	533.82	70	R.FAAFIDKVR.F	
				367 - 376	536.32	87.2	K.LAGLEEALQK.A	
				367 - 376	536.84	50.2	K.LAGLEEALQK.A	Deamidated: 9
				30 - 38	556.25	66.8	R.CCITAAPYR.G	Carbamidomethyl: 1, 2

				387 - 395	564.26	50.6	K.EYQEVMSK.L	
				330 - 339	565.8	31.6	Q.RLTAEVENAK.C	
				199 - 207	568.79	71.5	S.KYEEVEALR.A	
				387 - 395	572.29	28.4	K.EYQEVMSK.L	Oxidation: 6
				117 - 130	575.67	30.2	K.CLNNRFAAFIDKV R.F	Carbamidomethyl: 1; Deamidated: 3
				320 - 328	576.82	40.8	K.EINELNCMI.Q	Carbamidomethyl: 7; Oxidation: 8; Deamidated: 3
				129 - 137	581.28	37.6	K.VRFLEQQNK.L	
				377 - 386	589.26	52.1	K.AKQDMACLK.E	Carbamidomethyl: 7
				366 - 376	600.36	95	C.KLAGLEEALQK.A	
				208 - 218	603.85	50.6	R.ATAENEFLALK.D	
				16 - 26	606.22	49.8	R.AFSCVSACGPR.P	Carbamidomethyl: 4, 8
				402 - 406	623.41	26.5	E.IATYR.R	
				396 - 406	632.41	104.4	K.LGLDIEIATYR.R	
				367 - 378	635.89	71.2	K.LAGLEEALQKAK. Q	
				365 - 376	680.39	86.6	S.CKLAGLEEALQK. A	Carbamidomethyl: 1
				131 - 142	745.88	65.7	R.FLEQQNKLETK.L	
				131 - 142	746.4	62.4	R.FLEQQNKLETK.L	Deamidated: 6
				367 - 380	757.39	52.2	K.LAGLEEALQKAKQ D.M	
				387 - 407	843.78	33.8	K.EYQEVMSK.LGL DIEIATYRR.L	Deamidated: 3
PREDICTE D: K84	gij426224440	64.1	885.5	177 - 183	453.7	36.2	R.FLEQQNK.L	
				452 - 459	511.32	32.1	D.IEATYRR.L	
				383 - 391	519.8	38.2	R.LKAEIEHAK.A	
				176 - 183	531.78	37	V.RFLEQQNK.L	
				244 - 252	561.76	47.1	K.KYEEVEGLR.A	
				175 - 183	581.28	37.6	K.VRFLEQQNK.L	
				454 - 458	623.41	26.5	E.IATYR.R	
				448 - 458	639.38	58.8	K.LALDIEIATYR.R	
				502 - 516	710.81	85.9	R.GGVTVSGISSSSN IR.S	
				177 - 188	745.88	65.7	R.FLEQQNKLETK. W	
				177 - 188	746.4	62.4	R.FLEQQNKLETK. W	Deamidated: 6
				200 - 214	911.98	32.6	K.SNLEPLFENYITNL R.R	
PREDICTE D: K85-like	gij426226634	56.3	2430.9	149 - 155	406.22	56.2	R.FAAFIDK.V	
				373 - 380	408.74	36	K.QQVALQAG.Q	Deamidated: 1, 2
				158 - 164	453.7	36.2	R.FLEQQNK.L	
				349 - 359	468.26	27	R.RTKKEINELNR.V	Deamidated: 7
				170 - 176	484.72	45.6	K.LQFYQNR.Q	
				170 - 176	485.26	47	K.LQFYQNR.Q	Deamidated: 6
				364 - 372	487.74	51.9	R.LTAEVENAK.Q	
				312 - 320	490.74	47.8	K.AQYDGIASR.S	
				352 - 363	504.94	42.2	K.EEINELNRVIQR.L	
				352 - 359	508.76	39.8	K.EEINELNR.V	
				157 - 164	531.78	37	V.RFLEQQNK.L	
				149 - 157	533.82	70	R.FAAFIDKVR.F	



				394 - 403	550.33	85.6	K.LVGLLEEALQK.A	
				414 - 422	564.26	50.6	K.EYQEVMNSK.L	
				363 - 372	565.8	31.6	Q.RLTAEVENAK.Q	
				414 - 422	572.29	28.4	K.EYQEVMNSK.L	Oxidation: 6
				144 - 157	575.67	30.2	K.CLNNRFAAFIDKV R.F	Carbamidomethyl: 1; Deamidated: 3
				156 - 164	581.28	37.6	K.VRFLEQQNK.L	
				350 - 363	581.35	47.6	R.TKEEINELNRVIQR .L	
				350 - 363	581.63	72	R.TKEEINELNRVIQR .L	Deamidated: 6
				404 - 413	589.26	52.1	K.AKQDMACLK.E	Carbamidomethyl: 7
				81 - 90	596.35	60.6	R.ISVSYAWPLR.G	
				393 - 403	614.36	48.5	C.KLVGLLEEALQK.A	
				350 - 359	623.32	76.9	R.TKEEINELNR.V	
				429 - 433	623.41	26.5	E.IATYR.K	
				350 - 359	623.82	62.6	R.TKEEINELNR.V	Deamidated: 6
				197 - 207	627.73	42.1	R.EAECMEADSGR.L	Carbamidomethyl: 4
				81 - 98	658.32	52.4	R.ISVSYAWPLRGG GSFGYR.V	
				423 - 434	689.39	40	K.LGLDVEIATYRK.L	
				45 - 58	694.84	97.6	R.GFANGLAFHGGG PR.G	Deamidated: 4
				349 - 359	701.36	74.6	R.RTKEEINELNR.V	
				45 - 59	723.33	33.1	R.GFANGLAFHGGG PRG.P	Deamidated: 4
				360 - 372	735.89	71	R.VIQRLEVENAK. Q	
				158 - 169	745.88	65.7	R.FLEQQNKLLETK.L	
				158 - 169	746.4	62.4	R.FLEQQNKLLETK.L	Deamidated: 6
				165 - 176	776.9	81.8	K.LLETKLQFYQNR. Q	
				165 - 176	777.37	70.1	K.LLETKLQFYQNR. Q	Deamidated: 7
				178 - 196	791.05	41.4	Q.CCESNLEPLFNGY IETLRR.E	Carbamidomethyl: 1, 2
				457 - 472	801.9	91.8	R.SQGGVICGDLGST VPR.G	Carbamidomethyl: 7
				158 - 176	814.09	74.5	R.FLEQQNKLLETKL QFYQNR.Q	
PREDICTE D: K86	gij426224446	52	2709.6	115 - 121	406.22	56.2	K.FAAFIDK.V	
				406 - 415	414.92	32.3	R.RLLEGEEQRL.C	
				463 - 471	445.77	98.2	R.VGGSILGCK.K	Carbamidomethyl: 8
				124 - 130	453.7	36.2	R.FLEQQNK.L	
				315 - 325	468.26	27	R.RTKEEINELNR.L	Deamidated: 7
				395 - 406	473.95	71	K.LGLDIEIATYRR.L	
				240 - 246	476.25	56.3	T.LYEEELR.V	
				407 - 414	487.22	73.6	R.LLEGEEQR.L	
				330 - 338	494.77	55.4	R.LTAEIENAK.S	
				289 - 296	506.23	60.9	R.AEAESWYR.S	
				318 - 325	508.76	39.8	K.EEINELNR.L	
				399 - 406	511.32	32.1	D.IEATYRR.L	
				278 - 286	531.23	51	K.AHYDEIASR.S	
				123 - 130	531.78	37	V.RFLEQQNK.L	
				115 - 123	533.82	70	K.FAAFIDKVR.F	

				407 - 415	543.84	63.7	R.LLEGEEQRL.C	
				406 - 414	565.27	56.7	R.RLLEGEEQR.L	
				122 - 130	581.28	37.6	K.VRFLEQQNK.L	
				316 - 329	586.36	39.8	R.TKEEINELNRLIQR .L	Deamidated: 9
				289 - 298	613.78	46.7	R.AEAESWYRSK.Y	
				316 - 325	623.32	76.9	R.TKEEINELNR.L	
				401 - 405	623.41	26.5	E.IATYR.R	
				316 - 325	623.82	62.6	R.TKEEINELNR.L	Deamidated: 6
				287 - 296	627.78	75.5	R.SRAEAESWYR.S	
				364 - 375	628.86	44.1	R.GKLAGLEKALQK. A	Deamidated: 11
				395 - 405	632.41	104.4	K.LGLDIEIATYR.R	
				174 - 190	653.39	35	R.LASELNHVQEVLE GYKK.K	Deamidated: 6
				174 - 191	695.71	37.6	R.LASELNHVQEVLE GYKKK.Y	
				315 - 325	701.36	74.6	R.RTKEEINELNR.L	
				247 - 265	705.05	72.3	R.VIQAHISDTSVIVK MDNSR.Y	
				266 - 277	706.39	47.6	R.YLNMDSIVAEIK.A	Oxidation: 4
				124 - 135	745.88	65.7	R.FLEQQNKLETK. W	
				124 - 135	746.4	62.4	R.FLEQQNKLETK. W	Deamidated: 6
				247 - 260	755.41	98.8	R.VIQAHISDTSVIVK. M	
				240 - 260	814.75	41.6	T.LYEEELRVIQAHIS DTSVIVK.M	
				415 - 430	847.39	132.1	R.LCEGVGAVNVCV SSSR.G	Carbamidomethyl: 2, 11
				174 - 189	914.99	138.7	R.LASELNHVQEVLE GYK.K	
K33a	gij125091	46	6112.6	136 - 144	351.5	44.4	K.LASDDFRTK.Y	
				224 - 229	366.15	49.8	H.VLNETR.A	
				224 - 229	366.71	34	H.VLNETR.A	Deamidated: 3
				8 - 13	367.25	36.7	L.PNLSFR.S	
				136 - 142	412.18	62.1	K.LASDDFR.T	
				67 - 73	412.26	59.2	R.LASYLEK.V	
				7 - 13	423.77	40.4	C.LPNLSFR.S	
				80 - 86	430.72	39.9	R.ENAELER.R	
				250 - 256	431.23	28.2	R.QTEELNK.Q	
				287 - 293	434.2	26.6	L.QAQHNL.R.D	Deamidated: 5
				351 - 357	478.25	29.6	E.CEINTYR.G	Carbamidomethyl: 1
				230 - 241	483.92	67.4	R.AQYEALVETNRR. D	
				230 - 241	484.24	62.8	R.AQYEALVETNRR. D	Deamidated: 10
				109 - 116	494.75	65.7	R.TIEELQQK.I	
				243 - 249	497.78	53.5	D.VEEWYIR.Q	
				145 - 152	498.76	61	K.YETEVSRLR.Q	
				191 - 202	499.22	32.6	L.KQNHEQEVNTLR. S	
				127 - 135	500.33	75.6	R.LVVQIDNAK.L	
				127 - 135	500.81	60.4	R.LVVQIDNAK.L	Deamidated: 7
				127 - 135	500.84	51.4	R.LVVQIDNAK.L	Deamidated: 4
				217 - 229	503.31	47.5	A.PTVDLNHVLNETR .A	

				6 - 13	503.79	55.7	F.CLPNLSFR.S	Carbamidomethyl: 1
				76 - 87	514.93	30.3	R.QLERENAELERR.I	
				180 - 188	530.37	41.5	R.VESLKEELI.C	
				61 - 73	532.99	35.7	M.QFLNDRLASYLEK .V	
				190 - 202	536.94	62	C.LKQNHQEVNTL R.S	
				101 - 108	537.8	63.7	C.PNYQSYFR.T	
				67 - 75	539.81	79.8	R.LASYLEKVR.Q	
				1 - 13	544.94	31.5	- .MSFNFCPLNLSFR. S	Carbamidomethyl: 6
				396 - 404	546.24	56.8	R.CGPCNTFVH.-	Carbamidomethyl: 1, 4
				74 - 86	547.99	34.1	K.VRQLERENAELER .R	
				221 - 229	548.29	55.7	D.LNHVLNETR.A	
				221 - 229	548.82	37.3	D.LNHVLNETR.A	Deamidated: 2
				165 - 173	552.86	72.8	R.ILDELTLCK.S	Carbamidomethyl: 8
				242 - 249	555.31	65.2	R.DVEEWYIR.Q	
				194 - 202	563.26	58	N.HEQEVNTRLR.S	
				108 - 116	572.81	31.4	F.RTIEELQQK.I	
				58 - 66	577.31	55.8	K.ETMQFLNDR.L	
				5 - 13	577.34	40.8	N.FCLPNLSFR.S	Carbamidomethyl: 2
				335 - 348	578	44.8	R.QNQEQVLLDVR AR.L	
				126 - 135	578.29	65.7	A.RLVVQIDNAK.L	
				58 - 66	585.26	43.2	K.ETMQFLNDR.L	Oxidation: 3
				349 - 357	599.28	65.1	R.LECEINTYR.G	Carbamidomethyl: 3
				284 - 293	604.32	62.1	E.VELQAQHNL.R.D	
				109 - 118	607.91	45.3	R.TIEELQQKIL.C	
				143 - 152	613.31	70.7	R.TKYETEVSRLR.Q	
				153 - 163	614.36	63.6	R.QLVEADLNGLR.R	
				153 - 163	614.86	66.3	R.QLVEADLNGLR.R	Deamidated: 8
				164 - 173	630.86	48.8	R.RILDELTLCK.S	Carbamidomethyl: 9
				241 - 249	633.34	53.4	R.RDVEEWYIR.Q	
				4 - 13	634.36	28	F.NFCLPNLSFR.S	Carbamidomethyl: 3
				230 - 240	647.34	94.9	R.AQYEALVETNR.R	
				230 - 240	647.85	79.2	R.AQYEALVETNR.R	Deamidated: 2
				242 - 256	651.34	43	R.DVEEWYIRQTEEL NK.Q	
				58 - 73	653.36	52.6	K.ETMQFLNDRLASYLEK.V	
				277 - 293	664.36	92.1	R.RTVNALEVELQAQ HNL.R.D	
				277 - 293	664.7	60.2	R.RTVNALEVELQAQ HNL.R.D	Deamidated: 4
				290 - 306	667.32	33.3	Q.HNLRDSLENTLTE TEAR.Y	Deamidated: 2
				203 - 214	672.83	73.9	R.SQLGDRLNVEVD. A	
				136 - 152	677.36	43.3	K.LASDDFRTKYETE VSLR.Q	
				295 - 306	682.35	92.2	D.SLENTLTETEAR.Y	

				295 - 306	682.83	93.4	D.SLENTLTETEAR.Y	Deamidated: 4
				192 - 202	684.3	67.9	K.QNHEQEVTNLR.S	
				192 - 202	684.84	40	K.QNHEQEVTNLR.S	Deamidated: 1
				192 - 202	685.8	40.8	K.QNHEQEVTNLR.S	Deamidated: 1, 2, 5
				142 - 152	691.32	35.8	F.RTKYETEVSRLR.Q	
				153 - 164	692.39	30.4	R.QLVEADLNGLRR.I	
				330 - 346	702.39	63.1	R.SDLERQNQEYQV LLDVR.A	
				109 - 126	706.35	38.6	R.TIEELQQKILCGKS ENAR.L	Carbamidomethyl: 11
				347 - 357	712.85	62.6	R.ARLECEINTYR.G	Carbamidomethyl: 5
				347 - 357	713.37	26.9	R.ARLECEINTYR.G	Carbamidomethyl: 5; Deamidated: 8
				224 - 241	721.34	43	H.VLNETRAQEALV ETNRR.D	
				224 - 241	721.68	40.6	H.VLNETRAQEALV ETNRR.D	Deamidated: 8
				180 - 191	730.9	71.8	R.VESLKEELICKLQ	Carbamidomethyl: 10
				58 - 75	738.38	25.2	K.ETMQFLNDRLAS Y LEKVR.Q	
				294 - 306	739.83	110.7	R.DSLENTLTETEAR. Y	
				294 - 306	740.33	93.4	R.DSLENTLTETEAR. Y	Deamidated: 5
				58 - 75	743.7	47.6	K.ETMQFLNDRLAS Y LEKVR.Q	Oxidation: 3
				335 - 346	752.9	100.1	R.QNQEYQVLLDVR. A	
				335 - 346	753.43	73	R.QNQEYQVLLDVR. A	Deamidated: 3
				203 - 223	755.39	32.1	R.SQLGDRLNVEVD AAPTVDLNH.V	Deamidated: 20
				281 - 293	760.89	94.7	N.ALEVELQAQHNL R .D	
				209 - 229	773.74	38.4	R.LNVEVDAAPTVDL NHVLNETR.A	
				209 - 229	774.06	42.6	R.LNVEVDAAPTVDL NHVLNETR.A	Deamidated: 18
				209 - 229	774.1	33.5	R.LNVEVDAAPTVDL NHVLNETR.A	Deamidated: 2
				209 - 229	774.4	25.5	R.LNVEVDAAPTVDL NHVLNETR.A	Deamidated: 2, 18
				209 - 223	804.39	79.6	R.LNVEVDAAPTVDL NH.V	Deamidated: 14
				215 - 229	825.43	119.6	D.AAPTVDLNHVLNE TR.A	
				208 - 229	825.79	70.3	D.RLNVEVDAAPTVD LNHVLNETR.A	
				215 - 229	825.92	78.4	D.AAPTVDLNHVLNE TR.A	Deamidated: 8
				59 - 73	914.97	58.9	E.TMQFLNDRLAS Y LEK.V	
				278 - 293	917.99	134.1	R.TVNALEVELQAQH NLR.D	
				278 - 293	918.47	105.8	R.TVNALEVELQAQH NLR.D	Deamidated: 10
				278 - 293	918.49	119.9	R.TVNALEVELQAQH NLR.D	Deamidated: 3
				278 - 294	975.48	70.7	R.TVNALEVELQAQH NLRD.S	
				58 - 73	980.04	40.1	K.ETMQFLNDRLAS Y	Deamidated: 4

							LEK.V	
				203 - 229	993.14	82.9	R.SQLGDRLNVEVD AAPTVDLNVHVLNET R.A	Deamidated: 2, 8
				92 - 108	1072.49	72	R.SQQQEPLVCPNY QSYFR.T	Carbamidomethyl: 9
				278 - 306	1099.18	29.1	R.TVNALEVELQAQH NLRDSLENTLTETEA R.Y	Deamidated: 14
K85	gj 246276	56.3	5976	33 - 39	389.21	25.1	C.ISAAPYR.G	
				133 - 139	406.22	56.2	R.FAAFIDK.V	
				424 - 433	414.92	32.3	R.RLLEGEEQRL.C	
				64 - 71	453.25	36.5	P.RIAVSGFR.A	
				142 - 148	453.7	36.2	R.FLEQQNK.L	
				333 - 343	468.26	27	R.RTKEEINELNR.V	Deamidated: 7
				32 - 39	469.26	44	C.CISAAPYR.G	Carbamidomethyl: 1
				413 - 424	473.95	71	K.LGLDIEIATYRR.L	
				425 - 432	487.22	73.6	R.LLEGEEQR.L	
				7 - 15	490.28	25.7	R.ISPGYSVTR.T	
				348 - 356	494.77	55.4	R.LTAEIENAK.C	
				210 - 217	504.77	61.9	K.YEEEVALR.A	
				336 - 347	504.94	42.2	K.EEINELNRVIQR.L	
				307 - 314	506.23	60.9	R.AEAEWYR.S	
				230 - 237	506.27	43	K.DVDCAYLR.K	Carbamidomethyl: 4
				336 - 343	508.76	39.8	K.EEINELNR.V	
				417 - 424	511.32	32.1	D.IEATYRR.L	
				296 - 304	519.76	74.8	K.AQYDDIASR.S	
				489 - 498	523.16	55	R.ASSFSCGSSR.S	Carbamidomethyl: 6
				141 - 148	531.78	37	V.RFLEQQNK.L	
				133 - 141	533.82	70	R.FAAFIDKVR.F	
				454 - 464	535.25	59.7	C.GGLTYSSTAGR.Q	
				384 - 393	536.32	87.2	K.LAGLEEALQK.A	
				384 - 393	536.84	50.2	K.LAGLEEALQK.A	Deamidated: 9
				425 - 433	543.84	63.7	R.LLEGEEQRL.C	
				54 - 64	545.79	85.8	R.SVSALGSCGPR.I	Carbamidomethyl: 8
				31 - 39	549.19	57.8	R.CCISAAPYR.G	Carbamidomethyl: 1, 2
				404 - 412	564.26	50.6	K.EYQEVMSK.L	
				424 - 432	565.27	56.7	R.RLLEGEEQR.L	
				6 - 15	568.29	35.2	Y.RISPGYSVTR.T	
				209 - 217	568.79	71.5	K.KYEEEVALR.A	
				230 - 238	570.28	26.4	K.DVDCAYLRK.S	Carbamidomethyl: 4
				404 - 412	572.29	28.4	K.EYQEVMSK.L	Oxidation: 6
				16 - 26	577.76	62	R.TFSSCAVAPK.T	Carbamidomethyl: 5
				140 - 148	581.28	37.6	K.VRFLEQQNK.L	
				334 - 347	581.35	47.6	R.TKEEINELNRVIQR .L	
				334 - 347	581.63	72	R.TKEEINELNRVIQR .L	Deamidated: 6
				154 - 161	585.27	49	K.WQFYQNQR.C	
				154 - 161	585.79	43.6	K.WQFYQNQR.C	Deamidated: 6

				394 - 403	589.26	52.1	K.AKQDMACLLK.E	Carbamidomethyl: 7
				181 - 191	600.26	75.6	R.EAEHVEADSGR.L	
				383 - 393	600.36	95	S.KLAGLEEALQK.A	
				218 - 228	610.85	81.9	R.ATAENEFVVLK.K	
				307 - 316	613.78	46.7	R.AEAESWYRSK.C	
				334 - 343	623.32	76.9	R.TKEEINELNR.V	
				419 - 423	623.41	26.5	E.IATYR.R	
				334 - 343	623.82	62.6	R.TKEEINELNR.V	Deamidated: 6
				305 - 314	627.78	75.5	R.SRAEAESWYR.S	
				413 - 423	632.41	104.4	K.LGLDIEIATYR.R	
				208 - 217	632.85	60.6	K.KKYEEVALR.A	
				384 - 395	635.89	71.2	K.LAGLEEALQKAK. Q	
				296 - 306	641.3	56.1	K.AQYDDIASRSR.A	
				382 - 393	643.88	106	R.SKLAGLEEALQK. A	
				192 - 208	653.39	35	R.LASELDHVQEVLE GYKK.K	
				239 - 256	670.04	33.9	K.SDLEANVEALVEE SNFLK.R	Deamidated: 15
				218 - 229	674.87	85	R.ATAENEFVVLKK. D	
				218 - 229	675.39	69.4	R.ATAENEFVVLKK. D	Deamidated: 5
				333 - 343	701.36	74.6	R.RTKEEINELNR.V	
				450 - 464	728.82	74	G.GVACGGLTYSST AGR.Q	Carbamidomethyl: 4
				315 - 326	734.37	57.1	R.SKCEEMKATVIR. H	Carbamidomethyl: 3; Oxidation: 6
				382 - 395	743.44	74.7	R.SKLAGLEEALQKA K.Q	
				142 - 153	745.88	65.7	R.FLEQQNKLETK. W	
				142 - 153	746.4	62.4	R.FLEQQNKLETK. W	Deamidated: 6
				449 - 464	757.33	96	R.GGVACGGLTYSS TAGR.Q	Carbamidomethyl: 5
				384 - 397	757.39	52.2	K.LAGLEEALQKAKQ D.M	
				360 - 381	762.71	74.2	R.TKLEAAVAEAEQQ GEEALNDAR.S	Deamidated: 13
				238 - 257	764.44	84.2	R.KSDLEANVEALVE ESNFLKR.L	
				238 - 257	764.77	33.8	R.KSDLEANVEALVE ESNFLKR.L	Deamidated: 16
				162 - 180	791.05	41.4	R.CCESNLEPLFNGY IETLRR.E	Carbamidomethyl: 1, 2
				465 - 488	794.71	79.9	R.QIASGPVATGGSI TVLAPDSCQPR.A	Carbamidomethyl: 21
				258 - 278	800.78	45.9	R.LYDEEIQILNAHIS DTSVIVK.M	
				218 - 232	839.44	34.3	R.ATAENEFVVLKGD VD.C	
				404 - 424	843.78	33.8	K.EYQEVMSKLG L DIEIATYRR.L	Deamidated: 3
				433 - 448	855.36	126.5	R.LCEGVGSVNVCV SSSR.G	Carbamidomethyl: 2, 11
				149 - 161	877.43	88	K.LLETKWQFYQ NQ R.C	
				142 - 161	881.08	57.1	R.FLEQQNKLETK W QFYQNQR.C	

				239 - 256	1004.01	115.6	K.SDLEANVEALVEE SNFLK.R	
				362 - 381	1028.51	158.4	K.LEAAVAEAEQQG EAALNDAR.S	
				238 - 256	1068.04	129.9	R.KSDLEANVEALVE ESNFLK.R	
				239 - 257	1082.11	92.1	K.SDLEANVEALVEE SNFLKR.L	
				360 - 381	1143.05	172.5	R.TKLEAAVAEAEQQ GEAALNDAR.S	
				360 - 381	1143.54	74.3	R.TKLEAAVAEAEQQ GEAALNDAR.S	Deamidated: 19